Full wwPDB X-ray Structure Validation Report ⓘ

Sep 16, 2026 – 11:53 pm BST

PDB ID	:	5FCI / pdb_00005fci
Title	:	Structure of the vacant uL3 W255C mutant 80S yeast ribosome
Authors	:	Mailliot, J.; Garreau de Loubresse, N.; Yusupova, G.; Dinman, J.D.; Yusupov, M.
Deposited on	:	2015-12-15
Resolution	:	3.40 Å(reported)

This is a Full wwPDB X-ray Structure Validation Report for a publicly released PDB entry.

We welcome your comments at *validation@mail.wwpdb.org*
A user guide is available at
https://www.wwpdb.org/validation/2017/XrayValidationReportHelp
with specific help available everywhere you see the ⓘ symbol.

The types of validation reports are described at
http://www.wwpdb.org/validation/2017/FAQs#types.

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

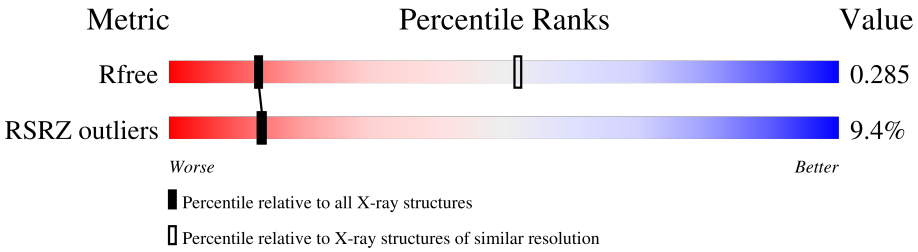
MolProbity	:	FAILED
Mogul	:	1.8.4, CSD as541be (2020)
Xtriage (Phenix)	:	2.0
EDS	:	3.0
Buster-report	:	wwPDB partial adaption of 1.1.7 (2018)
Percentile statistics	:	20250101.v01 (using entries in the PDB archive January 1st 2025)
CCP4	:	9.0.015 (Gargrove)
Density-Fitness	:	1.0.12
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal geometry (DNA, RNA)	:	Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP)	:	2.50

1 Overall quality at a glance (i)

The following experimental techniques were used to determine the structure:
X-RAY DIFFRACTION

The reported resolution of this entry is 3.40 Å.

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



Metric	Whole archive (#Entries)	Similar resolution (#Entries, resolution range(Å))
R_{free}	180053	1001 (3.44-3.36)
RSRZ outliers	180081	1001 (3.44-3.36)

MolProbity failed to run properly - the sequence quality summary graphics cannot be shown.

The following table lists non-polymeric compounds, carbohydrate monomers and non-standard residues in protein, DNA, RNA chains that are outliers for geometric or electron-density-fit criteria:

Mol	Type	Chain	Res	Chirality	Geometry	Clashes	Electron density
85	OHX	2	2022	-	-	-	X
86	MG	1	3786	-	-	-	X
86	MG	1	3809	-	-	-	X
86	MG	1	3833	-	-	-	X
86	MG	1	3834	-	-	-	X
86	MG	1	3836	-	-	-	X
86	MG	1	3841	-	-	-	X
86	MG	1	3902	-	-	-	X
86	MG	1	3920	-	-	-	X
86	MG	1	3956	-	-	-	X
86	MG	1	4086	-	-	-	X
86	MG	1	4087	-	-	-	X
86	MG	1	4089	-	-	-	X
86	MG	1	4097	-	-	-	X
86	MG	1	4098	-	-	-	X
86	MG	1	4102	-	-	-	X
86	MG	1	4105	-	-	-	X
86	MG	1	4127	-	-	-	X

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Mol	Type	Chain	Res	Chirality	Geometry	Clashes	Electron density
86	MG	2	2055	-	-	-	X
86	MG	2	2063	-	-	-	X
86	MG	2	2064	-	-	-	X
86	MG	2	2066	-	-	-	X
86	MG	2	2081	-	-	-	X
86	MG	2	2087	-	-	-	X
86	MG	2	2093	-	-	-	X
86	MG	2	2097	-	-	-	X
86	MG	2	2101	-	-	-	X
86	MG	2	2105	-	-	-	X
86	MG	2	2109	-	-	-	X
86	MG	2	2114	-	-	-	X
86	MG	2	2124	-	-	-	X
86	MG	5	3833	-	-	-	X
86	MG	5	3846	-	-	-	X
86	MG	5	3884	-	-	-	X
86	MG	5	3957	-	-	-	X
86	MG	5	3981	-	-	-	X
86	MG	5	3994	-	-	-	X
86	MG	5	4134	-	-	-	X
86	MG	6	2064	-	-	-	X
86	MG	6	2065	-	-	-	X
86	MG	6	2089	-	-	-	X
86	MG	6	2100	-	-	-	X
86	MG	6	2102	-	-	-	X
86	MG	6	2108	-	-	-	X
86	MG	6	2113	-	-	-	X
86	MG	6	2130	-	-	-	X
86	MG	6	2134	-	-	-	X
86	MG	6	2143	-	-	-	X
86	MG	6	2163	-	-	-	X
86	MG	6	2178	-	-	-	X
86	MG	6	2179	-	-	-	X
86	MG	C2	201	-	-	-	X
86	MG	C2	204	-	-	-	X
86	MG	C2	208	-	-	-	X
86	MG	L2	302	-	-	-	X
86	MG	M1	201	-	-	-	X
86	MG	M7	203	-	-	-	X
86	MG	MG	2224	-	-	-	X
86	MG	Q1	101	-	-	-	X
86	MG	n0	204	-	-	-	X

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Mol	Type	Chain	Res	Chirality	Geometry	Clashes	Electron density
86	MG	o4	202	-	-	-	X
86	MG	q1	101	-	-	-	X

2 Entry composition (i)

There are 87 unique types of molecules in this entry. The entry contains 411776 atoms, of which 0 are hydrogens and 0 are deuteriums.

In the tables below, the ZeroOcc column contains the number of atoms modelled with zero occupancy, the AltConf column contains the number of residues with at least one atom in alternate conformation and the Trace column contains the number of residues modelled with at most 2 atoms.

- Molecule 1 is a RNA chain called 18S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
1	2	1781	Total	C	N	O	P	0	1	0
			37970	16975	6720	12493	1782			
1	6	1795	Total	C	N	O	P	0	1	0
			38260	17105	6763	12596	1796			

- Molecule 2 is a protein called 40S ribosomal protein S0-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
2	S0	206	Total	C	N	O	S	0	0	0
			1612	1034	285	291	2			
2	s0	206	Total	C	N	O	S	0	0	0
			1612	1034	285	291	2			

- Molecule 3 is a protein called 40S ribosomal protein S1-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
3	S1	214	Total	C	N	O	S	0	0	0
			1709	1084	310	311	4			
3	s1	216	Total	C	N	O	S	0	0	0
			1722	1091	312	315	4			

- Molecule 4 is a protein called 40S ribosomal protein S2.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
4	S2	217	Total	C	N	O	S	0	0	0
			1635	1047	289	297	2			
4	s2	217	Total	C	N	O	S	0	0	0
			1635	1047	289	297	2			

- Molecule 5 is a protein called 40S ribosomal protein S3.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
5	S3	223	Total	C	N	O	S	0	0	0
			1734	1101	313	314	6			
5	s3	223	Total	C	N	O	S	0	0	0
			1734	1101	313	314	6			

- Molecule 6 is a protein called 40S ribosomal protein S4-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
6	S4	260	Total	C	N	O	S	0	0	0
			2068	1316	389	360	3			
6	s4	260	Total	C	N	O	S	0	0	0
			2068	1316	389	360	3			

- Molecule 7 is a protein called 40S ribosomal protein S5.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
7	S5	206	Total	C	N	O	S	0	0	0
			1609	1007	300	299	3			
7	s5	206	Total	C	N	O	S	0	0	0
			1609	1007	300	299	3			

- Molecule 8 is a protein called 40S ribosomal protein S6-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
8	S6	226	Total	C	N	O	S	0	0	0
			1820	1142	350	325	3			
8	s6	218	Total	C	N	O	S	0	0	0
			1755	1102	337	313	3			

- Molecule 9 is a protein called 40S ribosomal protein S7-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
9	S7	184	Total	C	N	O	0	0	0
			1481	951	265	265			
9	s7	186	Total	C	N	O	0	0	0
			1492	957	267	268			

- Molecule 10 is a protein called 40S ribosomal protein S8-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
10	S8	188	Total	C	N	O	S	0	0	0
			1489	925	298	264	2			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
10	s8	188	Total	C	N	O	S	0	0	0
			1489	925	298	264	2			

- Molecule 11 is a protein called 40S ribosomal protein S9-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
11	S9	185	Total	C	N	O	S	0	0	0
			1494	943	289	261	1			
11	s9	185	Total	C	N	O	S	0	0	0
			1494	943	289	261	1			

- Molecule 12 is a protein called 40S ribosomal protein S10-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
12	C0	96	Total	C	N	O	S	0	0	0
			772	499	126	145	2			

- Molecule 13 is a protein called 40S ribosomal protein S11-A,40S ribosomal protein S11-A (uS17).

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
13	C1	155	Total	C	N	O	S	0	0	0
			1213	774	230	206	3			
13	c1	146	Total	C	N	O	S	0	0	0
			1168	747	221	197	3			

- Molecule 14 is a protein called 40S ribosomal protein S12.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
14	C2	124	Total	C	N	O	S	0	0	0
			892	562	156	172	2			
14	c2	124	Total	C	N	O	S	0	0	0
			892	562	156	172	2			

- Molecule 15 is a protein called 40S ribosomal protein S13.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
15	C3	150	Total	C	N	O	S	0	0	0
			1192	759	224	207	2			
15	c3	150	Total	C	N	O	S	0	0	0
			1192	759	224	207	2			

- Molecule 16 is a protein called 40S ribosomal protein S14-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
16	C4	127	Total	C	N	O	S	0	0	0
			891	545	182	163	1			
16	c4	128	Total	C	N	O	S	0	0	0
			949	582	188	176	3			

- Molecule 17 is a protein called 40S ribosomal protein S15.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
17	C5	124	Total	C	N	O	S	0	0	0
			977	622	182	166	7			
17	c5	135	Total	C	N	O	S	0	0	0
			1039	658	196	178	7			

- Molecule 18 is a protein called 40S ribosomal protein S16-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
18	C6	141	Total	C	N	O	0	0	0
			1105	708	203	194			
18	c6	142	Total	C	N	O	0	0	0
			1111	711	204	196			

- Molecule 19 is a protein called 40S ribosomal protein S17-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
19	C7	120	Total	C	N	O	S	0	0	0
			965	603	183	177	2			
19	c7	117	Total	C	N	O	S	0	0	0
			944	591	179	172	2			

- Molecule 20 is a protein called 40S ribosomal protein S18-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
20	C8	145	Total	C	N	O	S	0	0	0
			1192	743	237	210	2			
20	c8	145	Total	C	N	O	S	0	0	0
			1192	743	237	210	2			

- Molecule 21 is a protein called 40S ribosomal protein S19-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
21	C9	143	Total	C	N	O	S	0	0	0
			1112	694	208	208	2			
21	c9	143	Total	C	N	O	S	0	0	0
			1112	694	208	208	2			

- Molecule 22 is a protein called 40S ribosomal protein S20.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
22	D0	107	Total	C	N	O	S	0	0	0
			855	539	156	159	1			
22	d0	110	Total	C	N	O	S	0	0	0
			882	554	161	166	1			

- Molecule 23 is a protein called 40S ribosomal protein S21-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
23	D1	87	Total	C	N	O	S	0	0	0
			684	420	125	137	2			
23	d1	87	Total	C	N	O	S	0	0	0
			684	420	125	137	2			

- Molecule 24 is a protein called 40S ribosomal protein S22-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
24	D2	129	Total	C	N	O	S	0	0	0
			1021	650	188	180	3			
24	d2	129	Total	C	N	O	S	0	0	0
			1021	650	188	180	3			

- Molecule 25 is a protein called 40S ribosomal protein S23-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
25	D3	144	Total	C	N	O	S	0	0	0
			1121	708	220	191	2			
25	d3	144	Total	C	N	O	S	0	0	0
			1121	708	220	191	2			

- Molecule 26 is a protein called 40S ribosomal protein S24-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
26	D4	134	Total	C	N	O	0	0	0
			1073	676	208	189			

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Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
26	d4	134	Total	C	N	O	0	0	0
			1073	676	208	189			

- Molecule 27 is a protein called 40S ribosomal protein S25-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
27	D5	70	Total	C	N	O	0	0	0
			563	360	104	99			
27	d5	69	Total	C	N	O	0	0	0
			558	357	103	98			

- Molecule 28 is a protein called 40S ribosomal protein S26-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
28	D6	97	Total	C	N	O	S	0	0	0
			769	475	160	129	5			
28	d6	97	Total	C	N	O	S	0	0	0
			769	475	160	129	5			

- Molecule 29 is a protein called 40S ribosomal protein S27-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
29	D7	81	Total	C	N	O	S	0	0	0
			610	382	110	113	5			
29	d7	81	Total	C	N	O	S	0	0	0
			610	382	110	113	5			

- Molecule 30 is a protein called 40S ribosomal protein S28-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
30	D8	63	Total	C	N	O	S	0	0	0
			497	306	99	91	1			
30	d8	63	Total	C	N	O	S	0	0	0
			497	306	99	91	1			

- Molecule 31 is a protein called 40S ribosomal protein S29-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
31	D9	53	Total	C	N	O	S	0	0	0
			443	275	92	72	4			
31	d9	53	Total	C	N	O	S	0	0	0
			443	275	92	72	4			

- Molecule 32 is a protein called 40S ribosomal protein S30-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
32	E0	60	Total	C	N	O	S	0	0	0
			475	299	98	77	1			
32	e0	62	Total	C	N	O	S	0	0	0
			491	309	101	80	1			

- Molecule 33 is a protein called 40S ribosomal protein S31.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
33	E1	71	Total	C	N	O	S	0	0	0
			566	362	106	94	4			
33	e1	76	Total	C	N	O	S	0	0	0
			608	388	117	99	4			

- Molecule 34 is a protein called Guanine nucleotide-binding protein subunit beta-like protein.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
34	SR	318	Total	C	N	O	S	0	0	0
			2441	1543	418	472	8			
34	sR	318	Total	C	N	O	S	0	0	0
			2445	1546	419	472	8			

- Molecule 35 is a protein called Suppressor protein STM1,Suppressor protein STM1.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
35	SM	159	Total	C	N	O	0	0	0
			1104	652	221	231			
35	sM	104	Total	C	N	O	0	0	0
			680	403	140	137			

- Molecule 36 is a RNA chain called 25S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
36	1	3149	Total	C	N	O	P	0	0	0
			67355	30086	12142	21978	3149			
36	5	3150	Total	C	N	O	P	0	0	0
			67377	30095	12145	21987	3150			

- Molecule 37 is a RNA chain called 5S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
37	3	121	Total	C	N	O	P	0	0	0
			2579	1152	461	845	121			
37	7	121	Total	C	N	O	P	0	0	0
			2579	1152	461	845	121			

- Molecule 38 is a RNA chain called 5.8S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
38	4	158	Total	C	N	O	P	0	0	0
			3353	1500	586	1109	158			
38	8	158	Total	C	N	O	P	0	0	0
			3353	1500	586	1109	158			

- Molecule 39 is a protein called 60S ribosomal protein L2-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
39	L2	252	Total	C	N	O	S	0	0	0
			1918	1193	389	335	1			
39	l2	252	Total	C	N	O	S	0	0	0
			1918	1193	389	335	1			

- Molecule 40 is a protein called 60S ribosomal protein L3.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
40	L3	386	Total	C	N	O	S	0	0	0
			3073	1948	583	533	9			
40	l3	386	Total	C	N	O	S	0	0	0
			3073	1948	583	533	9			

There are 2 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
L3	255	CYS	TRP	engineered mutation	UNP P14126
l3	255	CYS	TRP	engineered mutation	UNP P14126

- Molecule 41 is a protein called 60S ribosomal protein L4-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
41	L4	361	Total	C	N	O	S	0	0	0
			2749	1730	522	494	3			
41	l4	361	Total	C	N	O	S	0	0	0
			2749	1730	522	494	3			

- Molecule 42 is a protein called 60S ribosomal protein L5.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
42	L5	296	Total	C	N	O	S	0	0	0
			2375	1501	414	458	2			
42	l5	294	Total	C	N	O	S	0	0	0
			2359	1489	412	456	2			

- Molecule 43 is a protein called 60S ribosomal protein L6-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
43	L6	156	Total	C	N	O	S	0	0	0
			1239	800	222	216	1			
43	l6	157	Total	C	N	O	S	0	0	0
			1248	806	224	217	1			

- Molecule 44 is a protein called 60S ribosomal protein L7-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
44	L7	222	Total	C	N	O	S	0	0	0
			1784	1151	324	308	1			
44	l7	223	Total	C	N	O	S	0	0	0
			1791	1155	325	310	1			

- Molecule 45 is a protein called 60S ribosomal protein L8-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
45	L8	233	Total	C	N	O	S	0	0	0
			1817	1159	326	329	3			
45	l8	231	Total	C	N	O	S	0	0	0
			1763	1130	316	314	3			

- Molecule 46 is a protein called 60S ribosomal protein L9-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
46	L9	191	Total	C	N	O	S	0	0	0
			1518	963	274	277	4			
46	l9	191	Total	C	N	O	S	0	0	0
			1518	963	274	277	4			

- Molecule 47 is a protein called 60S ribosomal protein L10.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
47	M0	211	Total	C	N	O	S	0	0	0
			1717	1089	325	297	6			
47	m0	213	Total	C	N	O	S	0	0	0
			1733	1101	327	299	6			

- Molecule 48 is a protein called 60S ribosomal protein L11-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
48	M1	169	Total	C	N	O	S	0	0	0
			1353	847	253	249	4			
48	m1	169	Total	C	N	O	S	0	0	0
			1353	847	253	249	4			

- Molecule 49 is a protein called 60S ribosomal protein L13-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
49	M3	193	Total	C	N	O	0	0	0
			1543	962	315	266			
49	m3	194	Total	C	N	O	0	0	0
			1548	965	316	267			

- Molecule 50 is a protein called 60S ribosomal protein L14-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
50	M4	136	Total	C	N	O	S	0	0	0
			1053	675	199	177	2			
50	m4	137	Total	C	N	O	S	0	0	0
			1059	678	200	179	2			

- Molecule 51 is a protein called 60S ribosomal protein L15-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
51	M5	203	Total	C	N	O	S	0	0	0
			1720	1077	361	281	1			
51	m5	203	Total	C	N	O	S	0	0	0
			1720	1077	361	281	1			

- Molecule 52 is a protein called 60S ribosomal protein L16-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
52	M6	197	Total	C	N	O	S	0	0	0
			1555	1003	289	262	1			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
52	m6	197	Total	C	N	O	S	0	0	0
			1555	1003	289	262	1			

- Molecule 53 is a protein called 60S ribosomal protein L17-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
53	M7	183	Total	C	N	O	0	0	0
			1442	896	287	259			
53	m7	155	Total	C	N	O	0	0	0
			1227	764	238	225			

- Molecule 54 is a protein called 60S ribosomal protein L18-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
54	M8	185	Total	C	N	O	S	0	0	0
			1441	908	290	241	2			
54	m8	185	Total	C	N	O	S	0	0	0
			1441	908	290	241	2			

- Molecule 55 is a protein called 60S ribosomal protein L19-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
55	M9	188	Total	C	N	O	0	0	0
			1521	935	326	260			
55	m9	188	Total	C	N	O	0	0	0
			1521	935	326	260			

- Molecule 56 is a protein called 60S ribosomal protein L20-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
56	N0	172	Total	C	N	O	S	0	0	0
			1445	930	267	244	4			
56	n0	172	Total	C	N	O	S	0	0	0
			1445	930	267	244	4			

- Molecule 57 is a protein called 60S ribosomal protein L21-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
57	N1	159	Total	C	N	O	S	0	0	0
			1276	805	246	221	4			
57	n1	159	Total	C	N	O	S	0	0	0
			1276	805	246	221	4			

- Molecule 58 is a protein called 60S ribosomal protein L22-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
58	N2	100	Total	C	N	O	0	0	0
			796	516	131	149			
58	n2	98	Total	C	N	O	0	0	0
			778	505	127	146			

- Molecule 59 is a protein called 60S ribosomal protein L23-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
59	N3	136	Total	C	N	O	S	0	0	0
			1003	628	189	179	7			
59	n3	136	Total	C	N	O	S	0	0	0
			1003	628	189	179	7			

- Molecule 60 is a protein called 60S ribosomal protein L24-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
60	N4	98	Total	C	N	O	S	0	0	0
			800	508	159	132	1			
60	n4	135	Total	C	N	O	S	0	0	0
			1089	682	219	187	1			

- Molecule 61 is a protein called 60S ribosomal protein L25.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
61	N5	121	Total	C	N	O	S	0	0	0
			968	623	170	173	2			
61	n5	120	Total	C	N	O	S	0	0	0
			959	617	168	172	2			

- Molecule 62 is a protein called 60S ribosomal protein L26-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
62	N6	126	Total	C	N	O	0	0	0
			993	625	192	176			
62	n6	126	Total	C	N	O	0	0	0
			993	625	192	176			

- Molecule 63 is a protein called 60S ribosomal protein L27-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
63	N7	135	Total	C	N	O	0	0	0
			1092	710	202	180			
63	n7	135	Total	C	N	O	0	0	0
			1092	710	202	180			

- Molecule 64 is a protein called 60S ribosomal protein L28.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
64	N8	148	Total	C	N	O	S	0	0	0
			1173	749	231	190	3			
64	n8	148	Total	C	N	O	S	0	0	0
			1173	749	231	190	3			

- Molecule 65 is a protein called 60S ribosomal protein L29.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
65	N9	58	Total	C	N	O	0	0	0
			462	289	100	73			
65	n9	58	Total	C	N	O	0	0	0
			462	289	100	73			

- Molecule 66 is a protein called 60S ribosomal protein L30.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
66	O0	97	Total	C	N	O	S	0	0	0
			743	479	124	139	1			
66	o0	100	Total	C	N	O	S	0	0	0
			767	492	128	146	1			

- Molecule 67 is a protein called 60S ribosomal protein L31-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
67	O1	109	Total	C	N	O	S	0	0	0
			890	565	168	156	1			
67	o1	109	Total	C	N	O	S	0	0	0
			890	565	168	156	1			

- Molecule 68 is a protein called 60S ribosomal protein L32.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
68	O2	127	Total	C	N	O	S	0	0	0
			1020	647	205	167	1			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
68	o2	127	Total	C	N	O	S	0	0	0
			1020	647	205	167	1			

- Molecule 69 is a protein called 60S ribosomal protein L33-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
69	O3	106	Total	C	N	O	S	0	0	0
			850	540	165	144	1			
69	o3	106	Total	C	N	O	S	0	0	0
			850	540	165	144	1			

- Molecule 70 is a protein called 60S ribosomal protein L34-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
70	O4	112	Total	C	N	O	S	0	0	0
			881	546	179	152	4			
70	o4	112	Total	C	N	O	S	0	0	0
			881	546	179	152	4			

- Molecule 71 is a protein called 60S ribosomal protein L35-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
71	O5	119	Total	C	N	O	S	0	0	0
			969	615	186	167	1			
71	o5	119	Total	C	N	O	S	0	0	0
			969	615	186	167	1			

- Molecule 72 is a protein called 60S ribosomal protein L36-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
72	O6	99	Total	C	N	O	S	0	0	0
			771	481	156	132	2			
72	o6	99	Total	C	N	O	S	0	0	0
			771	481	156	132	2			

- Molecule 73 is a protein called 60S ribosomal protein L37-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
73	O7	87	Total	C	N	O	S	0	0	0
			681	414	148	114	5			
73	o7	87	Total	C	N	O	S	0	0	0
			681	414	148	114	5			

- Molecule 74 is a protein called 60S ribosomal protein L38.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
74	O8	77	Total	C	N	O	0	0	0
			612	391	115	106			
74	o8	77	Total	C	N	O	0	0	0
			612	391	115	106			

- Molecule 75 is a protein called 60S ribosomal protein L39.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
75	O9	50	Total	C	N	O	S	0	0	0
			436	272	97	65	2			
75	o9	50	Total	C	N	O	S	0	0	0
			436	272	97	65	2			

- Molecule 76 is a protein called Ubiquitin-60S ribosomal protein L40.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
76	Q0	52	Total	C	N	O	S	0	0	0
			417	259	86	67	5			
76	q0	52	Total	C	N	O	S	0	0	0
			417	259	86	67	5			

- Molecule 77 is a protein called 60S ribosomal protein L41-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
77	Q1	25	Total	C	N	O	S	0	0	0
			233	142	63	27	1			
77	q1	25	Total	C	N	O	S	0	0	0
			233	142	63	27	1			

- Molecule 78 is a protein called 60S ribosomal protein L42-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
78	Q2	105	Total	C	N	O	S	0	0	0
			847	534	170	138	5			
78	q2	105	Total	C	N	O	S	0	0	0
			847	534	170	138	5			

- Molecule 79 is a protein called 60S ribosomal protein L43-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
79	Q3	91	Total 694	C 429	N 138	O 121	S 6	0	0	0
79	q3	91	Total 694	C 429	N 138	O 121	S 6	0	0	0

- Molecule 80 is a protein called 40S ribosomal protein S10-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
80	c0	96	Total 762	C 491	N 125	O 144	S 2	0	0	0

There are 12 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
c0	87	UNK	-	expression tag	UNP Q08745
c0	88	UNK	-	expression tag	UNP Q08745
c0	89	UNK	-	expression tag	UNP Q08745
c0	90	UNK	-	expression tag	UNP Q08745
c0	91	UNK	-	expression tag	UNP Q08745
c0	92	UNK	-	expression tag	UNP Q08745
c0	93	UNK	-	expression tag	UNP Q08745
c0	94	UNK	-	expression tag	UNP Q08745
c0	95	UNK	-	expression tag	UNP Q08745
c0	96	UNK	-	expression tag	UNP Q08745
c0	97	UNK	-	expression tag	UNP Q08745
c0	98	UNK	-	expression tag	UNP Q08745

- Molecule 81 is a protein called 60S ribosomal protein L12-A (uL11).

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
81	m2	150	Total 750	C 450	N 150	O 150	0	0	0

- Molecule 82 is a protein called 60S acidic ribosomal protein P0.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
82	p0	143	Total 1077	C 687	N 192	O 195	S 3	0	0	0

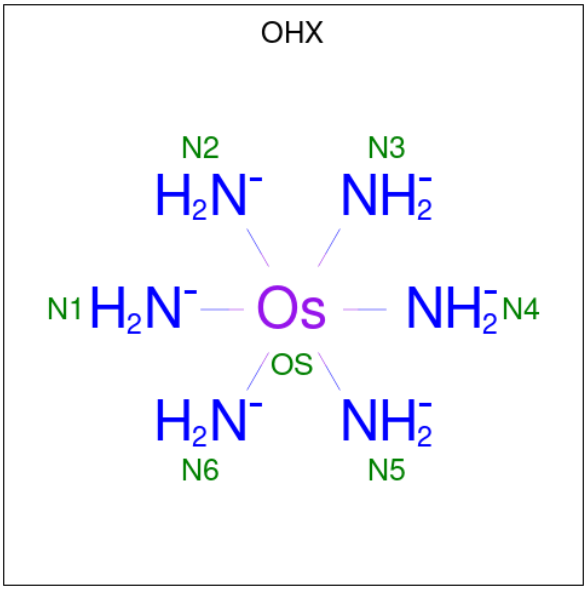
- Molecule 83 is a protein called 60S ribosomal protein P1 alpha.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
83	p1	47	Total 235	C 141	N 47	O 47	0	0	0

- Molecule 84 is a protein called 60S ribosomal protein P2 beta.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
84	p2	46	Total 230	C 138	N 46	O 46	0	0	0

- Molecule 85 is osmium (III) hexammine (CCD ID: OHX) (formula: $H_{12}N_6Os$).



Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
85	2	1	Total 7	N 6	Os 1	0	0
85	2	1	Total 7	N 6	Os 1	0	0
85	2	1	Total 7	N 6	Os 1	0	0
85	2	1	Total 7	N 6	Os 1	0	0
85	2	1	Total 7	N 6	Os 1	0	0
85	2	1	Total 7	N 6	Os 1	0	0
85	2	1	Total 7	N 6	Os 1	0	0
85	2	1	Total 7	N 6	Os 1	0	0

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
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			7	6	1		
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			7	6	1		
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			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
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			7	6	1		
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			7	6	1		
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			7	6	1		
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			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
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			7	6	1		
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			7	6	1		
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			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
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			7	6	1		
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			7	6	1		
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			7	6	1		
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			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
85	2	1	Total	N	Os	0	0
			7	6	1		
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
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85	1	1	Total N Os 7 6 1	0	0
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85	1	1	Total N Os 7 6 1	0	0
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85	1	1	Total N Os 7 6 1	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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85	1	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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85	1	1	Total	N	Os	0	0
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85	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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85	3	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
85	L3	1	Total N Os 7 6 1	0	0
85	L3	1	Total N Os 7 6 1	0	0
85	L4	1	Total N Os 7 6 1	0	0
85	M0	1	Total N Os 7 6 1	0	0
85	M5	1	Total N Os 7 6 1	0	0
85	M5	1	Total N Os 7 6 1	0	0
85	M7	1	Total N Os 7 6 1	0	0
85	M7	1	Total N Os 7 6 1	0	0
85	M9	1	Total N Os 7 6 1	0	0
85	N1	1	Total N Os 7 6 1	0	0
85	N9	1	Total N Os 7 6 1	0	0
85	O3	1	Total N Os 7 6 1	0	0
85	O4	1	Total N Os 7 6 1	0	0
85	O7	1	Total N Os 7 6 1	0	0
85	O7	1	Total N Os 7 6 1	0	0
85	Q2	1	Total N Os 7 6 1	0	0
85	6	1	Total N Os 7 6 1	0	0
85	6	1	Total N Os 7 6 1	0	0
85	6	1	Total N Os 7 6 1	0	0
85	6	1	Total N Os 7 6 1	0	0
85	6	1	Total N Os 7 6 1	0	0

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
85	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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85	6	1	Total	N	Os	0	0
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85	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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85	6	1	Total	N	Os	0	0
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85	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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85	6	1	Total	N	Os	0	0
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85	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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85	s1	1	Total	N	Os	0	0
			7	6	1		
85	s1	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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85	s8	1	Total	N	Os	0	0
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85	s9	1	Total	N	Os	0	0
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85	c1	1	Total	N	Os	0	0
			7	6	1		
85	c3	1	Total	N	Os	0	0
			7	6	1		
85	c5	1	Total	N	Os	0	0
			7	6	1		
85	c8	1	Total	N	Os	0	0
			7	6	1		
85	d4	1	Total	N	Os	0	0
			7	6	1		
85	d9	1	Total	N	Os	0	0
			7	6	1		
85	sR	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
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85	5	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	7	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
85	7	1	Total	N	Os	0	0
			7	6	1		
85	7	1	Total	N	Os	0	0
			7	6	1		
85	7	1	Total	N	Os	0	0
			7	6	1		
85	7	1	Total	N	Os	0	0
			7	6	1		
85	7	1	Total	N	Os	0	0
			7	6	1		
85	7	1	Total	N	Os	0	0
			7	6	1		
85	7	1	Total	N	Os	0	0
			7	6	1		
85	7	1	Total	N	Os	0	0
			7	6	1		
85	7	1	Total	N	Os	0	0
			7	6	1		
85	7	1	Total	N	Os	0	0
			7	6	1		
85	7	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
85	8	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		
85	8	1	Total	N	Os	0	0
			7	6	1		
85	l3	1	Total	N	Os	0	0
			7	6	1		
85	l3	1	Total	N	Os	0	0
			7	6	1		
85	l4	1	Total	N	Os	0	0
			7	6	1		
85	l4	1	Total	N	Os	0	0
			7	6	1		
85	l5	1	Total	N	Os	0	0
			7	6	1		
85	l5	1	Total	N	Os	0	0
			7	6	1		
85	l5	1	Total	N	Os	0	0
			7	6	1		
85	l5	1	Total	N	Os	0	0
			7	6	1		
85	l9	1	Total	N	Os	0	0
			7	6	1		
85	m0	1	Total	N	Os	0	0
			7	6	1		
85	m0	1	Total	N	Os	0	0
			7	6	1		
85	m0	1	Total	N	Os	0	0
			7	6	1		
85	m1	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
85	m4	1	Total N Os 7 6 1	0	0
85	m5	1	Total N Os 7 6 1	0	0
85	n3	1	Total N Os 7 6 1	0	0
85	n5	1	Total N Os 7 6 1	0	0
85	n9	1	Total N Os 7 6 1	0	0
85	o2	1	Total N Os 7 6 1	0	0
85	o3	1	Total N Os 7 6 1	0	0
85	o4	1	Total N Os 7 6 1	0	0
85	o7	1	Total N Os 7 6 1	0	0
85	q2	1	Total N Os 7 6 1	0	0

- Molecule 86 is MAGNESIUM ION (CCD ID: MG) (formula: Mg).

Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
86	2	92	Total Mg 92 92	0	0
86	S4	1	Total Mg 1 1	0	0
86	S8	1	Total Mg 1 1	0	0
86	C2	8	Total Mg 8 8	0	0
86	C9	1	Total Mg 1 1	0	0
86	D1	1	Total Mg 1 1	0	0
86	D3	1	Total Mg 1 1	0	0
86	D9	2	Total Mg 2 2	0	0
86	SM	1	Total Mg 1 1	0	0

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Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
86	1	395	Total Mg 395 395	0	0
86	3	8	Total Mg 8 8	0	0
86	4	16	Total Mg 16 16	0	0
86	L2	2	Total Mg 2 2	0	0
86	L3	2	Total Mg 2 2	0	0
86	L4	2	Total Mg 2 2	0	0
86	L5	1	Total Mg 1 1	0	0
86	L7	1	Total Mg 1 1	0	0
86	L9	1	Total Mg 1 1	0	0
86	M0	1	Total Mg 1 1	0	0
86	M1	1	Total Mg 1 1	0	0
86	M3	1	Total Mg 1 1	0	0
86	M4	1	Total Mg 1 1	0	0
86	M5	1	Total Mg 1 1	0	0
86	M6	2	Total Mg 2 2	0	0
86	M7	6	Total Mg 6 6	0	0
86	M8	1	Total Mg 1 1	0	0
86	M9	1	Total Mg 1 1	0	0
86	N0	1	Total Mg 1 1	0	0
86	N3	2	Total Mg 2 2	0	0
86	N4	1	Total Mg 1 1	0	0

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Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
86	N6	1	Total Mg 1 1	0	0
86	N8	1	Total Mg 1 1	0	0
86	N9	1	Total Mg 1 1	0	0
86	O1	1	Total Mg 1 1	0	0
86	O2	1	Total Mg 1 1	0	0
86	O5	1	Total Mg 1 1	0	0
86	O7	2	Total Mg 2 2	0	0
86	Q1	1	Total Mg 1 1	0	0
86	Q2	2	Total Mg 2 2	0	0
86	6	136	Total Mg 136 136	0	0
86	s4	1	Total Mg 1 1	0	0
86	s6	1	Total Mg 1 1	0	0
86	c1	1	Total Mg 1 1	0	0
86	c8	1	Total Mg 1 1	0	0
86	sM	2	Total Mg 2 2	0	0
86	5	428	Total Mg 428 428	0	0
86	7	11	Total Mg 11 11	0	0
86	8	10	Total Mg 10 10	0	0
86	l3	5	Total Mg 5 5	0	0
86	l4	1	Total Mg 1 1	0	0
86	l7	1	Total Mg 1 1	0	0

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Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
86	l9	1	Total Mg 1 1	0	0
86	m0	2	Total Mg 2 2	0	0
86	m1	1	Total Mg 1 1	0	0
86	m3	1	Total Mg 1 1	0	0
86	m4	1	Total Mg 1 1	0	0
86	m6	4	Total Mg 4 4	0	0
86	m7	1	Total Mg 1 1	0	0
86	n0	4	Total Mg 4 4	0	0
86	n3	1	Total Mg 1 1	0	0
86	n6	2	Total Mg 2 2	0	0
86	n8	1	Total Mg 1 1	0	0
86	n9	2	Total Mg 2 2	0	0
86	o1	1	Total Mg 1 1	0	0
86	o2	1	Total Mg 1 1	0	0
86	o3	1	Total Mg 1 1	0	0
86	o4	1	Total Mg 1 1	0	0
86	q0	1	Total Mg 1 1	0	0
86	q1	1	Total Mg 1 1	0	0
86	p0	1	Total Mg 1 1	0	0
86	MG	6	Total Mg 6 6	0	0

- Molecule 87 is ZINC ION (CCD ID: ZN) (formula: Zn).

Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
87	D6	1	Total Zn 1 1	0	0
87	D7	1	Total Zn 1 1	0	0
87	D9	1	Total Zn 1 1	0	0
87	E1	1	Total Zn 1 1	0	0
87	O7	1	Total Zn 1 1	0	0
87	Q0	1	Total Zn 1 1	0	0
87	Q2	1	Total Zn 1 1	0	0
87	Q3	1	Total Zn 1 1	0	0
87	d6	1	Total Zn 1 1	0	0
87	d7	1	Total Zn 1 1	0	0
87	d9	1	Total Zn 1 1	0	0
87	e1	1	Total Zn 1 1	0	0
87	o7	1	Total Zn 1 1	0	0
87	q0	1	Total Zn 1 1	0	0
87	q2	1	Total Zn 1 1	0	0
87	q3	1	Total Zn 1 1	0	0

MolProbity failed to run properly - this section is therefore empty.

3 Data and refinement statistics (i)

Property	Value	Source
Space group	P 1 21 1	Depositor
Cell constants a, b, c, α, β, γ	435.45Å 287.66Å 303.76Å 90.00° 98.92° 90.00°	Depositor
Resolution (Å)	49.99 – 3.40 49.99 – 3.40	Depositor EDS
% Data completeness (in resolution range)	97.7 (49.99-3.40) 84.6 (49.99-3.40)	Depositor EDS
R_{merge}	0.35	Depositor
R_{sym}	(Not available)	Depositor
$< I/\sigma(I) >$ [1]	0.57 (at 3.40Å)	Xtriage
Refinement program	PHENIX	Depositor
R, R_{free}	0.234 , 0.284 0.238 , 0.285	Depositor DCC
R_{free} test set	20186 reflections (2.00%)	wwPDB-VP
Wilson B-factor (Å^2)	67.8	Xtriage
Anisotropy	0.230	Xtriage
Bulk solvent k_{sol}(e/Å^3), B_{sol}(Å^2)	0.28 , 64.6	EDS
L-test for twinning[2]	$< \|L\| > = 0.46$, $< L^2 > = 0.29$	Xtriage
Estimated twinning fraction	No twinning to report.	Xtriage
F_o,F_c correlation	0.87	EDS
Total number of atoms	411776	wwPDB-VP
Average B, all atoms (Å^2)	78.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 1.62% of the height of the origin peak. No significant pseudotranslation is detected.*

[1] Intensities estimated from amplitudes.

[2] Theoretical values of $< |L| >$, $< L^2 >$ for acentric reflections are 0.5, 0.333 respectively for untwinned datasets, and 0.375, 0.2 for perfectly twinned datasets.

4 Model quality

4.1 Standard geometry

MolProbity failed to run properly - this section is therefore empty.

4.2 Too-close contacts

MolProbity failed to run properly - this section is therefore empty.

4.3 Torsion angles

4.3.1 Protein backbone

MolProbity failed to run properly - this section is therefore empty.

4.3.2 Protein sidechains

MolProbity failed to run properly - this section is therefore empty.

4.3.3 RNA

MolProbity failed to run properly - this section is therefore empty.

4.4 Non-standard residues in protein, DNA, RNA chains

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

4.5 Carbohydrates

There are no oligosaccharides in this entry.

4.6 Ligand geometry

Of 2303 ligands modelled in this entry, 1214 are monoatomic - leaving 1089 for Mogul analysis.

In the following table, the Counts columns list the number of bonds (or angles) for which Mogul statistics could be retrieved, the number of bonds (or angles) that are observed in the model and the number of bonds (or angles) that are defined in the Chemical Component Dictionary. The Link column lists molecule types, if any, to which the group is linked. The Z score for a bond

length (or angle) is the number of standard deviations the observed value is removed from the expected value. A bond length (or angle) with $|Z| > 2$ is considered an outlier worth inspection. RMSZ is the root-mean-square of all Z scores of the bond lengths (or angles).

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\| > 2$	Counts	RMSZ	$\#\|Z\| > 2$
85	OHX	1	3715	86	0,6,6	-	-	-		
85	OHX	5	3506	-	0,6,6	-	-	-		
85	OHX	2	1996	-	0,6,6	-	-	-		
85	OHX	1	3710	-	0,6,6	-	-	-		
85	OHX	6	1984	-	0,6,6	-	-	-		
85	OHX	3	202	-	0,6,6	-	-	-		
85	OHX	6	1966	-	0,6,6	-	-	-		
85	OHX	2	1940	-	0,6,6	-	-	-		
85	OHX	3	204	-	0,6,6	-	-	-		
85	OHX	5	3488	-	0,6,6	-	-	-		
85	OHX	1	3499	-	0,6,6	-	-	-		
85	OHX	1	3589	-	0,6,6	-	-	-		
85	OHX	5	3401	-	0,6,6	-	-	-		
85	OHX	1	3699	-	0,6,6	-	-	-		
85	OHX	5	3655	-	0,6,6	-	-	-		
85	OHX	5	3470	-	0,6,6	-	-	-		
85	OHX	1	3711	-	0,6,6	-	-	-		
85	OHX	2	1911	-	0,6,6	-	-	-		
85	OHX	2	2041	-	0,6,6	-	-	-		
85	OHX	2	1971	-	0,6,6	-	-	-		
85	OHX	5	3522	-	0,6,6	-	-	-		
85	OHX	2	2001	-	0,6,6	-	-	-		
85	OHX	5	3463	-	0,6,6	-	-	-		
85	OHX	6	1923	-	0,6,6	-	-	-		
85	OHX	2	1993	-	0,6,6	-	-	-		
85	OHX	2	2030	86	0,6,6	-	-	-		
85	OHX	5	3501	-	0,6,6	-	-	-		
85	OHX	5	3572	-	0,6,6	-	-	-		
85	OHX	5	3657	-	0,6,6	-	-	-		
85	OHX	2	1909	-	0,6,6	-	-	-		
85	OHX	6	1988	-	0,6,6	-	-	-		
85	OHX	5	3421	-	0,6,6	-	-	-		
85	OHX	8	205	-	0,6,6	-	-	-		
85	OHX	l3	402	-	0,6,6	-	-	-		
85	OHX	1	3560	-	0,6,6	-	-	-		
85	OHX	2	1901	-	0,6,6	-	-	-		
85	OHX	5	3656	-	0,6,6	-	-	-		
85	OHX	2	1994	-	0,6,6	-	-	-		
85	OHX	5	3518	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\| > 2$	Counts	RMSZ	$\#\|Z\| > 2$
85	OHX	5	3495	-	0,6,6	-	-	-		
85	OHX	2	1999	-	0,6,6	-	-	-		
85	OHX	1	3415	-	0,6,6	-	-	-		
85	OHX	1	3661	-	0,6,6	-	-	-		
85	OHX	1	3404	-	0,6,6	-	-	-		
85	OHX	5	3537	-	0,6,6	-	-	-		
85	OHX	1	3461	86	0,6,6	-	-	-		
85	OHX	5	3546	-	0,6,6	-	-	-		
85	OHX	5	3648	-	0,6,6	-	-	-		
85	OHX	5	3730	-	0,6,6	-	-	-		
85	OHX	1	3421	-	0,6,6	-	-	-		
85	OHX	2	2018	-	0,6,6	-	-	-		
85	OHX	1	3657	-	0,6,6	-	-	-		
85	OHX	5	3418	86	0,6,6	-	-	-		
85	OHX	1	3406	-	0,6,6	-	-	-		
85	OHX	1	3585	-	0,6,6	-	-	-		
85	OHX	5	3467	-	0,6,6	-	-	-		
85	OHX	L3	401	-	0,6,6	-	-	-		
85	OHX	5	3569	-	0,6,6	-	-	-		
85	OHX	5	3576	-	0,6,6	-	-	-		
85	OHX	1	3481	-	0,6,6	-	-	-		
85	OHX	1	3414	-	0,6,6	-	-	-		
85	OHX	5	3735	-	0,6,6	-	-	-		
85	OHX	1	3537	-	0,6,6	-	-	-		
85	OHX	2	1980	-	0,6,6	-	-	-		
85	OHX	1	3485	-	0,6,6	-	-	-		
85	OHX	2	1964	-	0,6,6	-	-	-		
85	OHX	5	3466	-	0,6,6	-	-	-		
85	OHX	5	3736	-	0,6,6	-	-	-		
85	OHX	5	3528	-	0,6,6	-	-	-		
85	OHX	1	3433	-	0,6,6	-	-	-		
85	OHX	5	3582	-	0,6,6	-	-	-		
85	OHX	5	3614	-	0,6,6	-	-	-		
85	OHX	1	3474	-	0,6,6	-	-	-		
85	OHX	M0	301	-	0,6,6	-	-	-		
85	OHX	1	3581	-	0,6,6	-	-	-		
85	OHX	5	3402	-	0,6,6	-	-	-		
85	OHX	5	3527	-	0,6,6	-	-	-		
85	OHX	5	3662	-	0,6,6	-	-	-		
85	OHX	6	1946	-	0,6,6	-	-	-		
85	OHX	1	3542	-	0,6,6	-	-	-		
85	OHX	1	3735	-	0,6,6	-	-	-		
85	OHX	5	3458	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\| > 2$	Counts	RMSZ	$\#\|Z\| > 2$
85	OHX	5	3571	-	0,6,6	-	-	-		
85	OHX	2	1990	-	0,6,6	-	-	-		
85	OHX	6	1971	-	0,6,6	-	-	-		
85	OHX	2	2043	-	0,6,6	-	-	-		
85	OHX	6	2022	-	0,6,6	-	-	-		
85	OHX	2	1925	-	0,6,6	-	-	-		
85	OHX	5	3579	-	0,6,6	-	-	-		
85	OHX	2	1976	-	0,6,6	-	-	-		
85	OHX	5	3621	-	0,6,6	-	-	-		
85	OHX	1	3609	86	0,6,6	-	-	-		
85	OHX	2	1946	-	0,6,6	-	-	-		
85	OHX	1	3625	-	0,6,6	-	-	-		
85	OHX	5	3585	-	0,6,6	-	-	-		
85	OHX	5	3680	-	0,6,6	-	-	-		
85	OHX	5	3741	-	0,6,6	-	-	-		
85	OHX	5	3465	-	0,6,6	-	-	-		
85	OHX	1	3573	-	0,6,6	-	-	-		
85	OHX	2	2004	-	0,6,6	-	-	-		
85	OHX	5	3503	-	0,6,6	-	-	-		
85	OHX	5	3424	-	0,6,6	-	-	-		
85	OHX	5	3565	-	0,6,6	-	-	-		
85	OHX	2	1907	-	0,6,6	-	-	-		
85	OHX	6	2010	-	0,6,6	-	-	-		
85	OHX	5	3686	-	0,6,6	-	-	-		
85	OHX	5	3715	-	0,6,6	-	-	-		
85	OHX	1	3638	-	0,6,6	-	-	-		
85	OHX	6	1958	-	0,6,6	-	-	-		
85	OHX	1	3597	-	0,6,6	-	-	-		
85	OHX	1	3440	86	0,6,6	-	-	-		
85	OHX	1	3628	-	0,6,6	-	-	-		
85	OHX	2	1914	-	0,6,6	-	-	-		
85	OHX	6	2040	-	0,6,6	-	-	-		
85	OHX	1	3557	-	0,6,6	-	-	-		
85	OHX	5	3719	-	0,6,6	-	-	-		
85	OHX	2	2042	-	0,6,6	-	-	-		
85	OHX	5	3499	-	0,6,6	-	-	-		
85	OHX	l5	304	-	0,6,6	-	-	-		
85	OHX	1	3503	-	0,6,6	-	-	-		
85	OHX	6	2041	-	0,6,6	-	-	-		
85	OHX	5	3480	86	0,6,6	-	-	-		
85	OHX	2	1918	-	0,6,6	-	-	-		
85	OHX	2	1974	-	0,6,6	-	-	-		
85	OHX	1	3664	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\| > 2$	Counts	RMSZ	$\#\|Z\| > 2$
85	OHX	6	2032	-	0,6,6	-	-	-		
85	OHX	5	3455	-	0,6,6	-	-	-		
85	OHX	1	3671	-	0,6,6	-	-	-		
85	OHX	2	1997	-	0,6,6	-	-	-		
85	OHX	1	3420	-	0,6,6	-	-	-		
85	OHX	8	208	-	0,6,6	-	-	-		
85	OHX	5	3476	-	0,6,6	-	-	-		
85	OHX	6	1969	-	0,6,6	-	-	-		
85	OHX	Q2	502	86	0,6,6	-	-	-		
85	OHX	4	206	86	0,6,6	-	-	-		
85	OHX	2	1969	-	0,6,6	-	-	-		
85	OHX	6	2003	-	0,6,6	-	-	-		
85	OHX	l3	401	-	0,6,6	-	-	-		
85	OHX	s9	201	-	0,6,6	-	-	-		
85	OHX	5	3440	-	0,6,6	-	-	-		
85	OHX	5	3712	-	0,6,6	-	-	-		
85	OHX	7	203	-	0,6,6	-	-	-		
85	OHX	6	1920	-	0,6,6	-	-	-		
85	OHX	5	3554	-	0,6,6	-	-	-		
85	OHX	1	3598	-	0,6,6	-	-	-		
85	OHX	1	3476	-	0,6,6	-	-	-		
85	OHX	5	3533	-	0,6,6	-	-	-		
85	OHX	6	1960	-	0,6,6	-	-	-		
85	OHX	5	3578	-	0,6,6	-	-	-		
85	OHX	4	210	-	0,6,6	-	-	-		
85	OHX	1	3604	86	0,6,6	-	-	-		
85	OHX	2	2023	-	0,6,6	-	-	-		
85	OHX	2	1926	-	0,6,6	-	-	-		
85	OHX	5	3431	-	0,6,6	-	-	-		
85	OHX	5	3521	-	0,6,6	-	-	-		
85	OHX	6	2020	-	0,6,6	-	-	-		
85	OHX	5	3711	-	0,6,6	-	-	-		
85	OHX	8	201	-	0,6,6	-	-	-		
85	OHX	3	209	-	0,6,6	-	-	-		
85	OHX	5	3453	-	0,6,6	-	-	-		
85	OHX	2	2037	-	0,6,6	-	-	-		
85	OHX	6	1933	-	0,6,6	-	-	-		
85	OHX	5	3690	-	0,6,6	-	-	-		
85	OHX	6	1913	-	0,6,6	-	-	-		
85	OHX	1	3564	86	0,6,6	-	-	-		
85	OHX	1	3554	-	0,6,6	-	-	-		
85	OHX	6	1999	-	0,6,6	-	-	-		
85	OHX	5	3557	86	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\| > 2$	Counts	RMSZ	$\#\|Z\| > 2$
85	OHX	2	1913	-	0,6,6	-	-	-		
85	OHX	2	2016	-	0,6,6	-	-	-		
85	OHX	5	3429	-	0,6,6	-	-	-		
85	OHX	1	3662	-	0,6,6	-	-	-		
85	OHX	1	3736	-	0,6,6	-	-	-		
85	OHX	1	3622	-	0,6,6	-	-	-		
85	OHX	5	3449	-	0,6,6	-	-	-		
85	OHX	5	3562	-	0,6,6	-	-	-		
85	OHX	5	3560	-	0,6,6	-	-	-		
85	OHX	2	2005	-	0,6,6	-	-	-		
85	OHX	5	3566	-	0,6,6	-	-	-		
85	OHX	1	3697	-	0,6,6	-	-	-		
85	OHX	5	3678	-	0,6,6	-	-	-		
85	OHX	2	2033	-	0,6,6	-	-	-		
85	OHX	2	2039	-	0,6,6	-	-	-		
85	OHX	2	1978	-	0,6,6	-	-	-		
85	OHX	2	2017	-	0,6,6	-	-	-		
85	OHX	5	3468	-	0,6,6	-	-	-		
85	OHX	1	3688	-	0,6,6	-	-	-		
85	OHX	1	3705	-	0,6,6	-	-	-		
85	OHX	1	3594	-	0,6,6	-	-	-		
85	OHX	3	207	86	0,6,6	-	-	-		
85	OHX	5	3710	-	0,6,6	-	-	-		
85	OHX	4	202	-	0,6,6	-	-	-		
85	OHX	4	204	-	0,6,6	-	-	-		
85	OHX	5	3507	-	0,6,6	-	-	-		
85	OHX	1	3566	-	0,6,6	-	-	-		
85	OHX	5	3568	-	0,6,6	-	-	-		
85	OHX	5	3564	-	0,6,6	-	-	-		
85	OHX	5	3526	-	0,6,6	-	-	-		
85	OHX	5	3607	-	0,6,6	-	-	-		
85	OHX	5	3676	86	0,6,6	-	-	-		
85	OHX	6	1972	-	0,6,6	-	-	-		
85	OHX	7	202	-	0,6,6	-	-	-		
85	OHX	1	3672	-	0,6,6	-	-	-		
85	OHX	5	3618	-	0,6,6	-	-	-		
85	OHX	1	3627	-	0,6,6	-	-	-		
85	OHX	n3	201	-	0,6,6	-	-	-		
85	OHX	6	1956	-	0,6,6	-	-	-		
85	OHX	5	3592	86	0,6,6	-	-	-		
85	OHX	1	3679	-	0,6,6	-	-	-		
85	OHX	5	3611	-	0,6,6	-	-	-		
85	OHX	m0	302	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\| > 2$	Counts	RMSZ	$\#\|Z\| > 2$
85	OHX	6	2043	-	0,6,6	-	-	-		
85	OHX	2	2010	-	0,6,6	-	-	-		
85	OHX	2	2038	-	0,6,6	-	-	-		
85	OHX	1	3670	-	0,6,6	-	-	-		
85	OHX	1	3544	-	0,6,6	-	-	-		
85	OHX	1	3520	-	0,6,6	-	-	-		
85	OHX	2	1912	-	0,6,6	-	-	-		
85	OHX	5	3544	-	0,6,6	-	-	-		
85	OHX	l5	302	-	0,6,6	-	-	-		
85	OHX	6	1985	-	0,6,6	-	-	-		
85	OHX	1	3543	-	0,6,6	-	-	-		
85	OHX	2	1927	-	0,6,6	-	-	-		
85	OHX	1	3615	-	0,6,6	-	-	-		
85	OHX	5	3540	-	0,6,6	-	-	-		
85	OHX	1	3658	-	0,6,6	-	-	-		
85	OHX	5	3663	-	0,6,6	-	-	-		
85	OHX	1	3652	-	0,6,6	-	-	-		
85	OHX	2	2013	-	0,6,6	-	-	-		
85	OHX	1	3524	-	0,6,6	-	-	-		
85	OHX	6	1925	-	0,6,6	-	-	-		
85	OHX	1	3674	-	0,6,6	-	-	-		
85	OHX	5	3716	-	0,6,6	-	-	-		
85	OHX	q2	502	-	0,6,6	-	-	-		
85	OHX	6	1967	86	0,6,6	-	-	-		
85	OHX	2	2000	-	0,6,6	-	-	-		
85	OHX	1	3660	86	0,6,6	-	-	-		
85	OHX	1	3442	-	0,6,6	-	-	-		
85	OHX	5	3420	-	0,6,6	-	-	-		
85	OHX	5	3573	86	0,6,6	-	-	-		
85	OHX	5	3702	86	0,6,6	-	-	-		
85	OHX	5	3583	-	0,6,6	-	-	-		
85	OHX	1	3470	-	0,6,6	-	-	-		
85	OHX	7	212	-	0,6,6	-	-	-		
85	OHX	5	3423	-	0,6,6	-	-	-		
85	OHX	7	206	-	0,6,6	-	-	-		
85	OHX	1	3643	-	0,6,6	-	-	-		
85	OHX	1	3506	-	0,6,6	-	-	-		
85	OHX	1	3590	-	0,6,6	-	-	-		
85	OHX	5	3602	86	0,6,6	-	-	-		
85	OHX	1	3466	-	0,6,6	-	-	-		
85	OHX	5	3627	86	0,6,6	-	-	-		
85	OHX	5	3617	-	0,6,6	-	-	-		
85	OHX	5	3646	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\| > 2$	Counts	RMSZ	$\#\|Z\| > 2$
85	OHX	5	3419	-	0,6,6	-	-	-		
85	OHX	4	205	-	0,6,6	-	-	-		
85	OHX	1	3695	-	0,6,6	-	-	-		
85	OHX	1	3528	-	0,6,6	-	-	-		
85	OHX	8	206	-	0,6,6	-	-	-		
85	OHX	5	3665	-	0,6,6	-	-	-		
85	OHX	o3	201	-	0,6,6	-	-	-		
85	OHX	5	3543	-	0,6,6	-	-	-		
85	OHX	1	3550	-	0,6,6	-	-	-		
85	OHX	5	3668	-	0,6,6	-	-	-		
85	OHX	5	3631	-	0,6,6	-	-	-		
85	OHX	1	3644	-	0,6,6	-	-	-		
85	OHX	1	3605	-	0,6,6	-	-	-		
85	OHX	5	3441	-	0,6,6	-	-	-		
85	OHX	5	3745	-	0,6,6	-	-	-		
85	OHX	1	3666	-	0,6,6	-	-	-		
85	OHX	2	1970	-	0,6,6	-	-	-		
85	OHX	2	1975	-	0,6,6	-	-	-		
85	OHX	6	1991	-	0,6,6	-	-	-		
85	OHX	5	3414	-	0,6,6	-	-	-		
85	OHX	5	3691	-	0,6,6	-	-	-		
85	OHX	1	3701	-	0,6,6	-	-	-		
85	OHX	5	3561	-	0,6,6	-	-	-		
85	OHX	5	3636	86	0,6,6	-	-	-		
85	OHX	s8	301	-	0,6,6	-	-	-		
85	OHX	1	3489	-	0,6,6	-	-	-		
85	OHX	6	2005	-	0,6,6	-	-	-		
85	OHX	6	1912	-	0,6,6	-	-	-		
85	OHX	1	3665	-	0,6,6	-	-	-		
85	OHX	5	3570	86	0,6,6	-	-	-		
85	OHX	8	215	-	0,6,6	-	-	-		
85	OHX	2	1956	-	0,6,6	-	-	-		
85	OHX	6	1989	-	0,6,6	-	-	-		
85	OHX	5	3437	-	0,6,6	-	-	-		
85	OHX	6	1929	-	0,6,6	-	-	-		
85	OHX	1	3612	-	0,6,6	-	-	-		
85	OHX	1	3732	-	0,6,6	-	-	-		
85	OHX	5	3623	-	0,6,6	-	-	-		
85	OHX	5	3682	-	0,6,6	-	-	-		
85	OHX	5	3729	-	0,6,6	-	-	-		
85	OHX	2	1965	-	0,6,6	-	-	-		
85	OHX	5	3478	-	0,6,6	-	-	-		
85	OHX	1	3561	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\| > 2$	Counts	RMSZ	$\#\|Z\| > 2$
85	OHX	8	218	-	0,6,6	-	-	-		
85	OHX	5	3606	-	0,6,6	-	-	-		
85	OHX	2	1987	-	0,6,6	-	-	-		
85	OHX	5	3574	86	0,6,6	-	-	-		
85	OHX	5	3548	-	0,6,6	-	-	-		
85	OHX	S8	301	-	0,6,6	-	-	-		
85	OHX	1	3551	-	0,6,6	-	-	-		
85	OHX	1	3577	-	0,6,6	-	-	-		
85	OHX	6	1938	-	0,6,6	-	-	-		
85	OHX	1	3588	-	0,6,6	-	-	-		
85	OHX	7	201	-	0,6,6	-	-	-		
85	OHX	5	3550	-	0,6,6	-	-	-		
85	OHX	2	1902	-	0,6,6	-	-	-		
85	OHX	M5	303	-	0,6,6	-	-	-		
85	OHX	6	1975	-	0,6,6	-	-	-		
85	OHX	5	3430	-	0,6,6	-	-	-		
85	OHX	2	1937	-	0,6,6	-	-	-		
85	OHX	1	3450	-	0,6,6	-	-	-		
85	OHX	5	3689	-	0,6,6	-	-	-		
85	OHX	8	214	-	0,6,6	-	-	-		
85	OHX	6	2014	-	0,6,6	-	-	-		
85	OHX	6	2042	-	0,6,6	-	-	-		
85	OHX	5	3609	-	0,6,6	-	-	-		
85	OHX	5	3534	-	0,6,6	-	-	-		
85	OHX	1	3478	-	0,6,6	-	-	-		
85	OHX	m0	301	-	0,6,6	-	-	-		
85	OHX	1	3632	-	0,6,6	-	-	-		
85	OHX	1	3654	86	0,6,6	-	-	-		
85	OHX	1	3559	-	0,6,6	-	-	-		
85	OHX	7	208	-	0,6,6	-	-	-		
85	OHX	5	3707	-	0,6,6	-	-	-		
85	OHX	5	3672	-	0,6,6	-	-	-		
85	OHX	5	3738	-	0,6,6	-	-	-		
85	OHX	1	3565	-	0,6,6	-	-	-		
85	OHX	1	3490	-	0,6,6	-	-	-		
85	OHX	6	1948	-	0,6,6	-	-	-		
85	OHX	5	3456	-	0,6,6	-	-	-		
85	OHX	8	203	-	0,6,6	-	-	-		
85	OHX	5	3635	-	0,6,6	-	-	-		
85	OHX	2	2022	-	0,6,6	-	-	-		
85	OHX	5	3461	-	0,6,6	-	-	-		
85	OHX	2	1932	-	0,6,6	-	-	-		
85	OHX	1	3607	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\|>2$	Counts	RMSZ	$\#\|Z\|>2$
85	OHX	2	1948	-	0,6,6	-	-	-		
85	OHX	5	3613	-	0,6,6	-	-	-		
85	OHX	6	1942	-	0,6,6	-	-	-		
85	OHX	6	1965	-	0,6,6	-	-	-		
85	OHX	1	3714	-	0,6,6	-	-	-		
85	OHX	5	3731	-	0,6,6	-	-	-		
85	OHX	1	3721	-	0,6,6	-	-	-		
85	OHX	5	3746	-	0,6,6	-	-	-		
85	OHX	4	211	-	0,6,6	-	-	-		
85	OHX	5	3536	-	0,6,6	-	-	-		
85	OHX	2	1968	-	0,6,6	-	-	-		
85	OHX	5	3426	-	0,6,6	-	-	-		
85	OHX	2	1962	-	0,6,6	-	-	-		
85	OHX	1	3498	-	0,6,6	-	-	-		
85	OHX	1	3599	-	0,6,6	-	-	-		
85	OHX	1	3453	-	0,6,6	-	-	-		
85	OHX	1	3645	-	0,6,6	-	-	-		
85	OHX	1	3707	-	0,6,6	-	-	-		
85	OHX	5	3671	-	0,6,6	-	-	-		
85	OHX	2	1957	-	0,6,6	-	-	-		
85	OHX	1	3700	-	0,6,6	-	-	-		
85	OHX	4	208	-	0,6,6	-	-	-		
85	OHX	2	1953	-	0,6,6	-	-	-		
85	OHX	6	1908	-	0,6,6	-	-	-		
85	OHX	1	3455	-	0,6,6	-	-	-		
85	OHX	6	2004	-	0,6,6	-	-	-		
85	OHX	o2	201	-	0,6,6	-	-	-		
85	OHX	5	3412	-	0,6,6	-	-	-		
85	OHX	6	1976	-	0,6,6	-	-	-		
85	OHX	5	3531	86	0,6,6	-	-	-		
85	OHX	2	1982	-	0,6,6	-	-	-		
85	OHX	2	1983	-	0,6,6	-	-	-		
85	OHX	c3	201	-	0,6,6	-	-	-		
85	OHX	5	3651	-	0,6,6	-	-	-		
85	OHX	2	2035	-	0,6,6	-	-	-		
85	OHX	2	2031	-	0,6,6	-	-	-		
85	OHX	1	3602	-	0,6,6	-	-	-		
85	OHX	1	3480	-	0,6,6	-	-	-		
85	OHX	1	3613	-	0,6,6	-	-	-		
85	OHX	8	210	-	0,6,6	-	-	-		
85	OHX	1	3650	-	0,6,6	-	-	-		
85	OHX	1	3619	-	0,6,6	-	-	-		
85	OHX	2	2020	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\|>2$	Counts	RMSZ	$\#\|Z\|>2$
85	OHX	2	1916	-	0,6,6	-	-	-		
85	OHX	5	3491	-	0,6,6	-	-	-		
85	OHX	1	3709	-	0,6,6	-	-	-		
85	OHX	1	3716	-	0,6,6	-	-	-		
85	OHX	5	3622	-	0,6,6	-	-	-		
85	OHX	6	2045	-	0,6,6	-	-	-		
85	OHX	1	3533	-	0,6,6	-	-	-		
85	OHX	l5	301	-	0,6,6	-	-	-		
85	OHX	2	1933	-	0,6,6	-	-	-		
85	OHX	5	3697	-	0,6,6	-	-	-		
85	OHX	2	1955	-	0,6,6	-	-	-		
85	OHX	2	1921	-	0,6,6	-	-	-		
85	OHX	1	3435	-	0,6,6	-	-	-		
85	OHX	2	1938	-	0,6,6	-	-	-		
85	OHX	5	3409	-	0,6,6	-	-	-		
85	OHX	5	3593	-	0,6,6	-	-	-		
85	OHX	3	205	-	0,6,6	-	-	-		
85	OHX	5	3643	-	0,6,6	-	-	-		
85	OHX	5	3529	-	0,6,6	-	-	-		
85	OHX	1	3509	-	0,6,6	-	-	-		
85	OHX	5	3705	-	0,6,6	-	-	-		
85	OHX	5	3734	86	0,6,6	-	-	-		
85	OHX	6	1995	-	0,6,6	-	-	-		
85	OHX	1	3462	-	0,6,6	-	-	-		
85	OHX	5	3725	-	0,6,6	-	-	-		
85	OHX	5	3744	86	0,6,6	-	-	-		
85	OHX	2	1922	86	0,6,6	-	-	-		
85	OHX	5	3692	-	0,6,6	-	-	-		
85	OHX	5	3742	-	0,6,6	-	-	-		
85	OHX	1	3728	-	0,6,6	-	-	-		
85	OHX	5	3482	-	0,6,6	-	-	-		
85	OHX	5	3520	86	0,6,6	-	-	-		
85	OHX	5	3666	-	0,6,6	-	-	-		
85	OHX	1	3610	-	0,6,6	-	-	-		
85	OHX	5	3428	-	0,6,6	-	-	-		
85	OHX	5	3696	-	0,6,6	-	-	-		
85	OHX	1	3529	-	0,6,6	-	-	-		
85	OHX	1	3545	-	0,6,6	-	-	-		
85	OHX	1	3530	-	0,6,6	-	-	-		
85	OHX	1	3678	-	0,6,6	-	-	-		
85	OHX	5	3624	-	0,6,6	-	-	-		
85	OHX	6	1916	-	0,6,6	-	-	-		
85	OHX	2	1944	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\|>2$	Counts	RMSZ	$\#\|Z\|>2$
85	OHX	1	3454	-	0,6,6	-	-	-		
85	OHX	1	3708	-	0,6,6	-	-	-		
85	OHX	5	3639	-	0,6,6	-	-	-		
85	OHX	7	211	86	0,6,6	-	-	-		
85	OHX	1	3403	-	0,6,6	-	-	-		
85	OHX	6	1936	-	0,6,6	-	-	-		
85	OHX	6	1937	-	0,6,6	-	-	-		
85	OHX	1	3430	86	0,6,6	-	-	-		
85	OHX	5	3475	86	0,6,6	-	-	-		
85	OHX	5	3632	-	0,6,6	-	-	-		
85	OHX	5	3727	-	0,6,6	-	-	-		
85	OHX	2	1960	-	0,6,6	-	-	-		
85	OHX	1	3568	-	0,6,6	-	-	-		
85	OHX	1	3448	-	0,6,6	-	-	-		
85	OHX	1	3422	-	0,6,6	-	-	-		
85	OHX	1	3630	-	0,6,6	-	-	-		
85	OHX	1	3646	86	0,6,6	-	-	-		
85	OHX	6	1907	-	0,6,6	-	-	-		
85	OHX	6	2035	-	0,6,6	-	-	-		
85	OHX	5	3733	-	0,6,6	-	-	-		
85	OHX	1	3508	-	0,6,6	-	-	-		
85	OHX	6	1993	-	0,6,6	-	-	-		
85	OHX	5	3563	-	0,6,6	-	-	-		
85	OHX	1	3497	-	0,6,6	-	-	-		
85	OHX	1	3438	-	0,6,6	-	-	-		
85	OHX	1	3623	-	0,6,6	-	-	-		
85	OHX	2	2007	-	0,6,6	-	-	-		
85	OHX	1	3410	-	0,6,6	-	-	-		
85	OHX	5	3551	-	0,6,6	-	-	-		
85	OHX	L4	401	-	0,6,6	-	-	-		
85	OHX	8	207	-	0,6,6	-	-	-		
85	OHX	1	3502	86	0,6,6	-	-	-		
85	OHX	6	2025	-	0,6,6	-	-	-		
85	OHX	5	3408	-	0,6,6	-	-	-		
85	OHX	2	1941	-	0,6,6	-	-	-		
85	OHX	6	1918	-	0,6,6	-	-	-		
85	OHX	6	1974	-	0,6,6	-	-	-		
85	OHX	5	3601	-	0,6,6	-	-	-		
85	OHX	6	1943	-	0,6,6	-	-	-		
85	OHX	5	3460	-	0,6,6	-	-	-		
85	OHX	5	3706	-	0,6,6	-	-	-		
85	OHX	6	1983	-	0,6,6	-	-	-		
85	OHX	1	3640	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\| > 2$	Counts	RMSZ	$\#\|Z\| > 2$
85	OHX	6	1910	-	0,6,6	-	-	-		
85	OHX	o7	502	-	0,6,6	-	-	-		
85	OHX	2	1931	-	0,6,6	-	-	-		
85	OHX	1	3484	-	0,6,6	-	-	-		
85	OHX	8	202	-	0,6,6	-	-	-		
85	OHX	1	3526	-	0,6,6	-	-	-		
85	OHX	1	3523	-	0,6,6	-	-	-		
85	OHX	6	1979	-	0,6,6	-	-	-		
85	OHX	6	1994	-	0,6,6	-	-	-		
85	OHX	5	3504	-	0,6,6	-	-	-		
85	OHX	5	3644	-	0,6,6	-	-	-		
85	OHX	5	3448	-	0,6,6	-	-	-		
85	OHX	5	3664	-	0,6,6	-	-	-		
85	OHX	6	1903	-	0,6,6	-	-	-		
85	OHX	2	1998	-	0,6,6	-	-	-		
85	OHX	2	1930	-	0,6,6	-	-	-		
85	OHX	5	3594	86	0,6,6	-	-	-		
85	OHX	1	3580	-	0,6,6	-	-	-		
85	OHX	6	2026	-	0,6,6	-	-	-		
85	OHX	1	3434	-	0,6,6	-	-	-		
85	OHX	1	3487	-	0,6,6	-	-	-		
85	OHX	1	3621	-	0,6,6	-	-	-		
85	OHX	6	1952	-	0,6,6	-	-	-		
85	OHX	6	2012	-	0,6,6	-	-	-		
85	OHX	2	1949	-	0,6,6	-	-	-		
85	OHX	6	1927	86	0,6,6	-	-	-		
85	OHX	1	3706	-	0,6,6	-	-	-		
85	OHX	3	211	-	0,6,6	-	-	-		
85	OHX	1	3419	-	0,6,6	-	-	-		
85	OHX	1	3562	-	0,6,6	-	-	-		
85	OHX	1	3704	-	0,6,6	-	-	-		
85	OHX	5	3519	-	0,6,6	-	-	-		
85	OHX	1	3567	-	0,6,6	-	-	-		
85	OHX	5	3687	-	0,6,6	-	-	-		
85	OHX	1	3504	-	0,6,6	-	-	-		
85	OHX	5	3500	-	0,6,6	-	-	-		
85	OHX	5	3619	-	0,6,6	-	-	-		
85	OHX	S6	301	-	0,6,6	-	-	-		
85	OHX	2	1992	-	0,6,6	-	-	-		
85	OHX	1	3534	-	0,6,6	-	-	-		
85	OHX	1	3444	-	0,6,6	-	-	-		
85	OHX	1	3584	-	0,6,6	-	-	-		
85	OHX	6	1940	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\|>2$	Counts	RMSZ	$\#\|Z\|>2$
85	OHX	2	1917	-	0,6,6	-	-	-		
85	OHX	6	2030	86	0,6,6	-	-	-		
85	OHX	1	3464	-	0,6,6	-	-	-		
85	OHX	1	3536	-	0,6,6	-	-	-		
85	OHX	5	3587	-	0,6,6	-	-	-		
85	OHX	6	2015	86	0,6,6	-	-	-		
85	OHX	1	3731	-	0,6,6	-	-	-		
85	OHX	6	1914	-	0,6,6	-	-	-		
85	OHX	6	1924	-	0,6,6	-	-	-		
85	OHX	1	3467	-	0,6,6	-	-	-		
85	OHX	5	3450	-	0,6,6	-	-	-		
85	OHX	1	3549	-	0,6,6	-	-	-		
85	OHX	8	216	-	0,6,6	-	-	-		
85	OHX	5	3438	-	0,6,6	-	-	-		
85	OHX	1	3473	-	0,6,6	-	-	-		
85	OHX	2	1906	-	0,6,6	-	-	-		
85	OHX	5	3688	-	0,6,6	-	-	-		
85	OHX	1	3401	-	0,6,6	-	-	-		
85	OHX	5	3457	-	0,6,6	-	-	-		
85	OHX	5	3559	-	0,6,6	-	-	-		
85	OHX	1	3412	-	0,6,6	-	-	-		
85	OHX	1	3556	-	0,6,6	-	-	-		
85	OHX	2	2009	-	0,6,6	-	-	-		
85	OHX	2	2032	-	0,6,6	-	-	-		
85	OHX	5	3695	-	0,6,6	-	-	-		
85	OHX	1	3443	-	0,6,6	-	-	-		
85	OHX	6	1901	-	0,6,6	-	-	-		
85	OHX	1	3680	-	0,6,6	-	-	-		
85	OHX	5	3545	-	0,6,6	-	-	-		
85	OHX	2	2027	-	0,6,6	-	-	-		
85	OHX	6	2008	-	0,6,6	-	-	-		
85	OHX	5	3679	-	0,6,6	-	-	-		
85	OHX	1	3417	-	0,6,6	-	-	-		
85	OHX	5	3498	86	0,6,6	-	-	-		
85	OHX	1	3515	-	0,6,6	-	-	-		
85	OHX	l5	303	-	0,6,6	-	-	-		
85	OHX	1	3675	-	0,6,6	-	-	-		
85	OHX	6	1953	-	0,6,6	-	-	-		
85	OHX	5	3486	-	0,6,6	-	-	-		
85	OHX	2	2008	-	0,6,6	-	-	-		
85	OHX	2	1945	-	0,6,6	-	-	-		
85	OHX	6	2038	-	0,6,6	-	-	-		
85	OHX	5	3404	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\| > 2$	Counts	RMSZ	$\#\|Z\| > 2$
85	OHX	2	1910	-	0,6,6	-	-	-		
85	OHX	1	3451	-	0,6,6	-	-	-		
85	OHX	5	3714	-	0,6,6	-	-	-		
85	OHX	1	3726	86	0,6,6	-	-	-		
85	OHX	2	2026	-	0,6,6	-	-	-		
85	OHX	2	2012	86	0,6,6	-	-	-		
85	OHX	2	1979	-	0,6,6	-	-	-		
85	OHX	5	3645	-	0,6,6	-	-	-		
85	OHX	2	2024	-	0,6,6	-	-	-		
85	OHX	5	3525	-	0,6,6	-	-	-		
85	OHX	5	3683	-	0,6,6	-	-	-		
85	OHX	5	3703	-	0,6,6	-	-	-		
85	OHX	5	3728	-	0,6,6	-	-	-		
85	OHX	5	3581	-	0,6,6	-	-	-		
85	OHX	1	3428	-	0,6,6	-	-	-		
85	OHX	5	3699	-	0,6,6	-	-	-		
85	OHX	5	3681	-	0,6,6	-	-	-		
85	OHX	7	210	-	0,6,6	-	-	-		
85	OHX	1	3452	-	0,6,6	-	-	-		
85	OHX	6	1964	-	0,6,6	-	-	-		
85	OHX	1	3411	-	0,6,6	-	-	-		
85	OHX	5	3413	-	0,6,6	-	-	-		
85	OHX	2	1915	-	0,6,6	-	-	-		
85	OHX	1	3576	-	0,6,6	-	-	-		
85	OHX	5	3517	-	0,6,6	-	-	-		
85	OHX	5	3590	-	0,6,6	-	-	-		
85	OHX	5	3649	-	0,6,6	-	-	-		
85	OHX	1	3730	-	0,6,6	-	-	-		
85	OHX	6	1902	-	0,6,6	-	-	-		
85	OHX	5	3577	-	0,6,6	-	-	-		
85	OHX	5	3454	-	0,6,6	-	-	-		
85	OHX	2	1950	-	0,6,6	-	-	-		
85	OHX	1	3459	-	0,6,6	-	-	-		
85	OHX	5	3513	-	0,6,6	-	-	-		
85	OHX	6	2019	-	0,6,6	-	-	-		
85	OHX	6	2031	-	0,6,6	-	-	-		
85	OHX	1	3525	-	0,6,6	-	-	-		
85	OHX	1	3593	-	0,6,6	-	-	-		
85	OHX	1	3673	-	0,6,6	-	-	-		
85	OHX	1	3703	-	0,6,6	-	-	-		
85	OHX	5	3637	-	0,6,6	-	-	-		
85	OHX	6	2011	-	0,6,6	-	-	-		
85	OHX	5	3443	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\|>2$	Counts	RMSZ	$\#\|Z\|>2$
85	OHX	5	3722	-	0,6,6	-	-	-		
85	OHX	1	3477	-	0,6,6	-	-	-		
85	OHX	5	3505	-	0,6,6	-	-	-		
85	OHX	5	3704	-	0,6,6	-	-	-		
85	OHX	1	3426	-	0,6,6	-	-	-		
85	OHX	1	3614	-	0,6,6	-	-	-		
85	OHX	2	1991	-	0,6,6	-	-	-		
85	OHX	6	2021	-	0,6,6	-	-	-		
85	OHX	1	3527	-	0,6,6	-	-	-		
85	OHX	6	1970	-	0,6,6	-	-	-		
85	OHX	6	1998	-	0,6,6	-	-	-		
85	OHX	5	3625	-	0,6,6	-	-	-		
85	OHX	n5	201	-	0,6,6	-	-	-		
85	OHX	1	3655	-	0,6,6	-	-	-		
85	OHX	6	1957	-	0,6,6	-	-	-		
85	OHX	2	2021	-	0,6,6	-	-	-		
85	OHX	6	1997	-	0,6,6	-	-	-		
85	OHX	6	1949	-	0,6,6	-	-	-		
85	OHX	5	3538	-	0,6,6	-	-	-		
85	OHX	2	1988	-	0,6,6	-	-	-		
85	OHX	1	3522	-	0,6,6	-	-	-		
85	OHX	m0	303	-	0,6,6	-	-	-		
85	OHX	1	3531	-	0,6,6	-	-	-		
85	OHX	3	206	-	0,6,6	-	-	-		
85	OHX	6	1996	-	0,6,6	-	-	-		
85	OHX	1	3402	-	0,6,6	-	-	-		
85	OHX	6	1915	-	0,6,6	-	-	-		
85	OHX	6	2029	-	0,6,6	-	-	-		
85	OHX	1	3405	-	0,6,6	-	-	-		
85	OHX	5	3425	-	0,6,6	-	-	-		
85	OHX	1	3651	-	0,6,6	-	-	-		
85	OHX	4	213	-	0,6,6	-	-	-		
85	OHX	5	3484	-	0,6,6	-	-	-		
85	OHX	5	3427	-	0,6,6	-	-	-		
85	OHX	2	2040	-	0,6,6	-	-	-		
85	OHX	1	3441	-	0,6,6	-	-	-		
85	OHX	5	3633	-	0,6,6	-	-	-		
85	OHX	5	3708	-	0,6,6	-	-	-		
85	OHX	4	207	-	0,6,6	-	-	-		
85	OHX	2	1942	-	0,6,6	-	-	-		
85	OHX	6	1928	-	0,6,6	-	-	-		
85	OHX	6	2039	-	0,6,6	-	-	-		
85	OHX	5	3555	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\|>2$	Counts	RMSZ	$\#\|Z\|>2$
85	OHX	7	209	-	0,6,6	-	-	-		
85	OHX	1	3479	-	0,6,6	-	-	-		
85	OHX	2	1981	-	0,6,6	-	-	-		
85	OHX	6	2024	-	0,6,6	-	-	-		
85	OHX	5	3485	-	0,6,6	-	-	-		
85	OHX	l9	201	-	0,6,6	-	-	-		
85	OHX	1	3432	-	0,6,6	-	-	-		
85	OHX	1	3516	-	0,6,6	-	-	-		
85	OHX	5	3406	86	0,6,6	-	-	-		
85	OHX	1	3648	-	0,6,6	-	-	-		
85	OHX	6	2036	-	0,6,6	-	-	-		
85	OHX	M7	201	-	0,6,6	-	-	-		
85	OHX	7	207	-	0,6,6	-	-	-		
85	OHX	d9	102	-	0,6,6	-	-	-		
85	OHX	1	3447	-	0,6,6	-	-	-		
85	OHX	M5	302	-	0,6,6	-	-	-		
85	OHX	6	1950	86	0,6,6	-	-	-		
85	OHX	1	3719	-	0,6,6	-	-	-		
85	OHX	6	1963	-	0,6,6	-	-	-		
85	OHX	6	2047	-	0,6,6	-	-	-		
85	OHX	5	3603	-	0,6,6	-	-	-		
85	OHX	7	204	-	0,6,6	-	-	-		
85	OHX	1	3631	-	0,6,6	-	-	-		
85	OHX	1	3555	-	0,6,6	-	-	-		
85	OHX	1	3569	-	0,6,6	-	-	-		
85	OHX	1	3595	-	0,6,6	-	-	-		
85	OHX	1	3639	-	0,6,6	-	-	-		
85	OHX	5	3422	-	0,6,6	-	-	-		
85	OHX	2	1939	-	0,6,6	-	-	-		
85	OHX	O7	102	86	0,6,6	-	-	-		
85	OHX	6	2023	-	0,6,6	-	-	-		
85	OHX	1	3659	-	0,6,6	-	-	-		
85	OHX	5	3580	-	0,6,6	-	-	-		
85	OHX	6	2037	-	0,6,6	-	-	-		
85	OHX	5	3415	-	0,6,6	-	-	-		
85	OHX	2	2034	-	0,6,6	-	-	-		
85	OHX	4	209	-	0,6,6	-	-	-		
85	OHX	4	201	-	0,6,6	-	-	-		
85	OHX	6	2017	86	0,6,6	-	-	-		
85	OHX	1	3712	-	0,6,6	-	-	-		
85	OHX	5	3502	-	0,6,6	-	-	-		
85	OHX	1	3603	-	0,6,6	-	-	-		
85	OHX	5	3586	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\| > 2$	Counts	RMSZ	$\#\|Z\| > 2$
85	OHX	1	3416	-	0,6,6	-	-	-		
85	OHX	1	3683	-	0,6,6	-	-	-		
85	OHX	5	3647	-	0,6,6	-	-	-		
85	OHX	m5	501	-	0,6,6	-	-	-		
85	OHX	5	3718	-	0,6,6	-	-	-		
85	OHX	2	1905	-	0,6,6	-	-	-		
85	OHX	3	203	-	0,6,6	-	-	-		
85	OHX	5	3492	-	0,6,6	-	-	-		
85	OHX	6	2050	-	0,6,6	-	-	-		
85	OHX	6	1982	-	0,6,6	-	-	-		
85	OHX	6	1934	-	0,6,6	-	-	-		
85	OHX	5	3515	-	0,6,6	-	-	-		
85	OHX	5	3638	-	0,6,6	-	-	-		
85	OHX	5	3597	-	0,6,6	-	-	-		
85	OHX	5	3694	-	0,6,6	-	-	-		
85	OHX	1	3424	-	0,6,6	-	-	-		
85	OHX	1	3586	-	0,6,6	-	-	-		
85	OHX	1	3501	-	0,6,6	-	-	-		
85	OHX	1	3409	-	0,6,6	-	-	-		
85	OHX	1	3563	-	0,6,6	-	-	-		
85	OHX	6	1981	-	0,6,6	-	-	-		
85	OHX	1	3514	86	0,6,6	-	-	-		
85	OHX	2	1952	-	0,6,6	-	-	-		
85	OHX	1	3677	-	0,6,6	-	-	-		
85	OHX	3	210	-	0,6,6	-	-	-		
85	OHX	5	3439	-	0,6,6	-	-	-		
85	OHX	5	3511	-	0,6,6	-	-	-		
85	OHX	6	1944	-	0,6,6	-	-	-		
85	OHX	5	3444	-	0,6,6	-	-	-		
85	OHX	5	3584	-	0,6,6	-	-	-		
85	OHX	5	3496	-	0,6,6	-	-	-		
85	OHX	l4	401	-	0,6,6	-	-	-		
85	OHX	5	3659	-	0,6,6	-	-	-		
85	OHX	1	3486	-	0,6,6	-	-	-		
85	OHX	1	3558	-	0,6,6	-	-	-		
85	OHX	2	2019	-	0,6,6	-	-	-		
85	OHX	1	3575	-	0,6,6	-	-	-		
85	OHX	5	3670	-	0,6,6	-	-	-		
85	OHX	c1	201	-	0,6,6	-	-	-		
85	OHX	5	3620	-	0,6,6	-	-	-		
85	OHX	2	2029	-	0,6,6	-	-	-		
85	OHX	5	3416	-	0,6,6	-	-	-		
85	OHX	5	3464	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\| > 2$	Counts	RMSZ	$\#\|Z\| > 2$
85	OHX	1	3617	-	0,6,6	-	-	-		
85	OHX	1	3684	-	0,6,6	-	-	-		
85	OHX	6	2044	86	0,6,6	-	-	-		
85	OHX	1	3482	-	0,6,6	-	-	-		
85	OHX	5	3642	-	0,6,6	-	-	-		
85	OHX	5	3493	-	0,6,6	-	-	-		
85	OHX	O3	201	-	0,6,6	-	-	-		
85	OHX	2	1973	-	0,6,6	-	-	-		
85	OHX	s1	302	-	0,6,6	-	-	-		
85	OHX	1	3687	-	0,6,6	-	-	-		
85	OHX	1	3511	-	0,6,6	-	-	-		
85	OHX	2	1958	-	0,6,6	-	-	-		
85	OHX	1	3507	-	0,6,6	-	-	-		
85	OHX	6	2002	-	0,6,6	-	-	-		
85	OHX	3	208	-	0,6,6	-	-	-		
85	OHX	2	1961	-	0,6,6	-	-	-		
85	OHX	2	1986	-	0,6,6	-	-	-		
85	OHX	5	3442	86	0,6,6	-	-	-		
85	OHX	5	3473	-	0,6,6	-	-	-		
85	OHX	5	3509	-	0,6,6	-	-	-		
85	OHX	1	3468	-	0,6,6	-	-	-		
85	OHX	1	3720	86	0,6,6	-	-	-		
85	OHX	6	1939	-	0,6,6	-	-	-		
85	OHX	1	3718	-	0,6,6	-	-	-		
85	OHX	L3	402	-	0,6,6	-	-	-		
85	OHX	6	2013	86	0,6,6	-	-	-		
85	OHX	1	3578	-	0,6,6	-	-	-		
85	OHX	5	3514	-	0,6,6	-	-	-		
85	OHX	5	3608	-	0,6,6	-	-	-		
85	OHX	1	3519	-	0,6,6	-	-	-		
85	OHX	1	3592	-	0,6,6	-	-	-		
85	OHX	1	3611	-	0,6,6	-	-	-		
85	OHX	5	3512	-	0,6,6	-	-	-		
85	OHX	5	3640	-	0,6,6	-	-	-		
85	OHX	2	1984	-	0,6,6	-	-	-		
85	OHX	1	3722	86	0,6,6	-	-	-		
85	OHX	1	3436	-	0,6,6	-	-	-		
85	OHX	5	3462	86	0,6,6	-	-	-		
85	OHX	2	2015	-	0,6,6	-	-	-		
85	OHX	C8	201	-	0,6,6	-	-	-		
85	OHX	1	3591	86	0,6,6	-	-	-		
85	OHX	6	1945	-	0,6,6	-	-	-		
85	OHX	6	1968	86	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\| > 2$	Counts	RMSZ	$\#\|Z\| > 2$
85	OHX	5	3724	-	0,6,6	-	-	-		
85	OHX	6	2028	86	0,6,6	-	-	-		
85	OHX	1	3512	-	0,6,6	-	-	-		
85	OHX	O7	103	-	0,6,6	-	-	-		
85	OHX	6	1947	-	0,6,6	-	-	-		
85	OHX	1	3608	86	0,6,6	-	-	-		
85	OHX	1	3626	-	0,6,6	-	-	-		
85	OHX	6	1954	-	0,6,6	-	-	-		
85	OHX	5	3411	-	0,6,6	-	-	-		
85	OHX	5	3487	-	0,6,6	-	-	-		
85	OHX	5	3494	-	0,6,6	-	-	-		
85	OHX	N9	102	-	0,6,6	-	-	-		
85	OHX	1	3690	-	0,6,6	-	-	-		
85	OHX	2	1947	-	0,6,6	-	-	-		
85	OHX	1	3634	-	0,6,6	-	-	-		
85	OHX	1	3637	-	0,6,6	-	-	-		
85	OHX	2	1919	-	0,6,6	-	-	-		
85	OHX	6	1930	-	0,6,6	-	-	-		
85	OHX	5	3605	-	0,6,6	-	-	-		
85	OHX	1	3616	-	0,6,6	-	-	-		
85	OHX	5	3743	86	0,6,6	-	-	-		
85	OHX	5	3674	86	0,6,6	-	-	-		
85	OHX	1	3685	86	0,6,6	-	-	-		
85	OHX	6	2007	-	0,6,6	-	-	-		
85	OHX	1	3596	-	0,6,6	-	-	-		
85	OHX	2	2003	-	0,6,6	-	-	-		
85	OHX	8	204	-	0,6,6	-	-	-		
85	OHX	1	3668	-	0,6,6	-	-	-		
85	OHX	1	3423	-	0,6,6	-	-	-		
85	OHX	1	3494	86	0,6,6	-	-	-		
85	OHX	1	3600	-	0,6,6	-	-	-		
85	OHX	1	3624	-	0,6,6	-	-	-		
85	OHX	2	2025	-	0,6,6	-	-	-		
85	OHX	1	3572	-	0,6,6	-	-	-		
85	OHX	2	2036	-	0,6,6	-	-	-		
85	OHX	N1	201	-	0,6,6	-	-	-		
85	OHX	5	3726	-	0,6,6	-	-	-		
85	OHX	1	3729	-	0,6,6	-	-	-		
85	OHX	5	3615	-	0,6,6	-	-	-		
85	OHX	6	2046	-	0,6,6	-	-	-		
85	OHX	1	3465	-	0,6,6	-	-	-		
85	OHX	2	1972	-	0,6,6	-	-	-		
85	OHX	d4	201	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\|>2$	Counts	RMSZ	$\#\|Z\|>2$
85	OHX	5	3447	-	0,6,6	-	-	-		
85	OHX	2	2006	-	0,6,6	-	-	-		
85	OHX	1	3635	-	0,6,6	-	-	-		
85	OHX	5	3588	-	0,6,6	-	-	-		
85	OHX	6	1990	-	0,6,6	-	-	-		
85	OHX	5	3652	-	0,6,6	-	-	-		
85	OHX	5	3669	-	0,6,6	-	-	-		
85	OHX	5	3629	-	0,6,6	-	-	-		
85	OHX	1	3469	-	0,6,6	-	-	-		
85	OHX	6	1931	-	0,6,6	-	-	-		
85	OHX	6	1987	-	0,6,6	-	-	-		
85	OHX	1	3546	-	0,6,6	-	-	-		
85	OHX	1	3681	-	0,6,6	-	-	-		
85	OHX	6	2027	-	0,6,6	-	-	-		
85	OHX	c8	201	-	0,6,6	-	-	-		
85	OHX	1	3636	-	0,6,6	-	-	-		
85	OHX	5	3541	-	0,6,6	-	-	-		
85	OHX	6	1905	-	0,6,6	-	-	-		
85	OHX	5	3417	-	0,6,6	-	-	-		
85	OHX	2	1985	-	0,6,6	-	-	-		
85	OHX	1	3500	-	0,6,6	-	-	-		
85	OHX	1	3427	-	0,6,6	-	-	-		
85	OHX	1	3682	-	0,6,6	-	-	-		
85	OHX	5	3740	-	0,6,6	-	-	-		
85	OHX	1	3649	-	0,6,6	-	-	-		
85	OHX	1	3633	-	0,6,6	-	-	-		
85	OHX	8	209	-	0,6,6	-	-	-		
85	OHX	2	1967	-	0,6,6	-	-	-		
85	OHX	5	3524	-	0,6,6	-	-	-		
85	OHX	M7	202	-	0,6,6	-	-	-		
85	OHX	1	3606	-	0,6,6	-	-	-		
85	OHX	1	3574	-	0,6,6	-	-	-		
85	OHX	1	3513	-	0,6,6	-	-	-		
85	OHX	8	213	-	0,6,6	-	-	-		
85	OHX	1	3629	-	0,6,6	-	-	-		
85	OHX	5	3600	-	0,6,6	-	-	-		
85	OHX	1	3437	-	0,6,6	-	-	-		
85	OHX	1	3496	-	0,6,6	-	-	-		
85	OHX	4	214	-	0,6,6	-	-	-		
85	OHX	6	2016	-	0,6,6	-	-	-		
85	OHX	5	3405	-	0,6,6	-	-	-		
85	OHX	5	3407	-	0,6,6	-	-	-		
85	OHX	1	3505	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\|>2$	Counts	RMSZ	$\#\|Z\|>2$
85	OHX	1	3463	-	0,6,6	-	-	-		
85	OHX	6	1955	-	0,6,6	-	-	-		
85	OHX	C3	201	-	0,6,6	-	-	-		
85	OHX	5	3436	-	0,6,6	-	-	-		
85	OHX	5	3732	-	0,6,6	-	-	-		
85	OHX	5	3737	-	0,6,6	-	-	-		
85	OHX	6	1932	86	0,6,6	-	-	-		
85	OHX	1	3517	-	0,6,6	-	-	-		
85	OHX	1	3702	-	0,6,6	-	-	-		
85	OHX	6	1909	-	0,6,6	-	-	-		
85	OHX	2	2028	-	0,6,6	-	-	-		
85	OHX	1	3491	-	0,6,6	-	-	-		
85	OHX	5	3479	86	0,6,6	-	-	-		
85	OHX	5	3701	-	0,6,6	-	-	-		
85	OHX	m4	201	-	0,6,6	-	-	-		
85	OHX	1	3693	-	0,6,6	-	-	-		
85	OHX	5	3641	-	0,6,6	-	-	-		
85	OHX	5	3677	-	0,6,6	-	-	-		
85	OHX	5	3535	-	0,6,6	-	-	-		
85	OHX	6	2000	-	0,6,6	-	-	-		
85	OHX	4	212	-	0,6,6	-	-	-		
85	OHX	5	3549	-	0,6,6	-	-	-		
85	OHX	1	3425	86	0,6,6	-	-	-		
85	OHX	5	3558	-	0,6,6	-	-	-		
85	OHX	5	3575	-	0,6,6	-	-	-		
85	OHX	5	3612	-	0,6,6	-	-	-		
85	OHX	1	3471	-	0,6,6	-	-	-		
85	OHX	6	1986	-	0,6,6	-	-	-		
85	OHX	1	3456	-	0,6,6	-	-	-		
85	OHX	2	1923	-	0,6,6	-	-	-		
85	OHX	s4	301	-	0,6,6	-	-	-		
85	OHX	5	3660	-	0,6,6	-	-	-		
85	OHX	6	1906	-	0,6,6	-	-	-		
85	OHX	5	3589	-	0,6,6	-	-	-		
85	OHX	5	3684	-	0,6,6	-	-	-		
85	OHX	5	3713	86	0,6,6	-	-	-		
85	OHX	1	3717	-	0,6,6	-	-	-		
85	OHX	1	3538	86	0,6,6	-	-	-		
85	OHX	5	3650	-	0,6,6	-	-	-		
85	OHX	2	1929	-	0,6,6	-	-	-		
85	OHX	5	3459	-	0,6,6	-	-	-		
85	OHX	1	3492	-	0,6,6	-	-	-		
85	OHX	5	3552	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\| > 2$	Counts	RMSZ	$\#\|Z\| > 2$
85	OHX	1	3653	-	0,6,6	-	-	-		
85	OHX	1	3488	-	0,6,6	-	-	-		
85	OHX	1	3724	-	0,6,6	-	-	-		
85	OHX	1	3570	-	0,6,6	-	-	-		
85	OHX	5	3595	-	0,6,6	-	-	-		
85	OHX	5	3675	-	0,6,6	-	-	-		
85	OHX	s1	301	-	0,6,6	-	-	-		
85	OHX	1	3552	-	0,6,6	-	-	-		
85	OHX	2	1963	-	0,6,6	-	-	-		
85	OHX	4	203	-	0,6,6	-	-	-		
85	OHX	5	3654	-	0,6,6	-	-	-		
85	OHX	5	3628	-	0,6,6	-	-	-		
85	OHX	1	3458	-	0,6,6	-	-	-		
85	OHX	6	1921	-	0,6,6	-	-	-		
85	OHX	1	3620	-	0,6,6	-	-	-		
85	OHX	6	1919	-	0,6,6	-	-	-		
85	OHX	5	3698	-	0,6,6	-	-	-		
85	OHX	1	3445	-	0,6,6	-	-	-		
85	OHX	1	3642	86	0,6,6	-	-	-		
85	OHX	5	3591	-	0,6,6	-	-	-		
85	OHX	1	3493	-	0,6,6	-	-	-		
85	OHX	1	3548	-	0,6,6	-	-	-		
85	OHX	5	3667	-	0,6,6	-	-	-		
85	OHX	2	1920	-	0,6,6	-	-	-		
85	OHX	1	3725	-	0,6,6	-	-	-		
85	OHX	5	3661	-	0,6,6	-	-	-		
85	OHX	1	3510	-	0,6,6	-	-	-		
85	OHX	5	3721	-	0,6,6	-	-	-		
85	OHX	1	3483	-	0,6,6	-	-	-		
85	OHX	5	3474	-	0,6,6	-	-	-		
85	OHX	5	3599	-	0,6,6	-	-	-		
85	OHX	1	3689	86	0,6,6	-	-	-		
85	OHX	1	3647	-	0,6,6	-	-	-		
85	OHX	5	3471	-	0,6,6	-	-	-		
85	OHX	5	3489	-	0,6,6	-	-	-		
85	OHX	6	1980	-	0,6,6	-	-	-		
85	OHX	8	217	-	0,6,6	-	-	-		
85	OHX	5	3403	-	0,6,6	-	-	-		
85	OHX	5	3481	-	0,6,6	-	-	-		
85	OHX	2	2014	-	0,6,6	-	-	-		
85	OHX	1	3734	-	0,6,6	-	-	-		
85	OHX	1	3532	-	0,6,6	-	-	-		
85	OHX	2	1904	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\| > 2$	Counts	RMSZ	$\#\|Z\| > 2$
85	OHX	S9	201	-	0,6,6	-	-	-		
85	OHX	5	3658	-	0,6,6	-	-	-		
85	OHX	5	3516	-	0,6,6	-	-	-		
85	OHX	2	1989	-	0,6,6	-	-	-		
85	OHX	2	1924	-	0,6,6	-	-	-		
85	OHX	2	2011	-	0,6,6	-	-	-		
85	OHX	6	2034	-	0,6,6	-	-	-		
85	OHX	2	1928	-	0,6,6	-	-	-		
85	OHX	1	3727	-	0,6,6	-	-	-		
85	OHX	1	3475	-	0,6,6	-	-	-		
85	OHX	5	3445	-	0,6,6	-	-	-		
85	OHX	5	3673	-	0,6,6	-	-	-		
85	OHX	1	3429	-	0,6,6	-	-	-		
85	OHX	1	3733	-	0,6,6	-	-	-		
85	OHX	5	3723	-	0,6,6	-	-	-		
85	OHX	C5	201	-	0,6,6	-	-	-		
85	OHX	1	3418	-	0,6,6	-	-	-		
85	OHX	5	3700	-	0,6,6	-	-	-		
85	OHX	1	3663	-	0,6,6	-	-	-		
85	OHX	7	205	-	0,6,6	-	-	-		
85	OHX	6	1951	-	0,6,6	-	-	-		
85	OHX	D9	102	-	0,6,6	-	-	-		
85	OHX	5	3483	-	0,6,6	-	-	-		
85	OHX	6	1922	-	0,6,6	-	-	-		
85	OHX	5	3469	-	0,6,6	-	-	-		
85	OHX	1	3495	-	0,6,6	-	-	-		
85	OHX	5	3477	-	0,6,6	-	-	-		
85	OHX	5	3472	-	0,6,6	-	-	-		
85	OHX	1	3547	-	0,6,6	-	-	-		
85	OHX	1	3669	-	0,6,6	-	-	-		
85	OHX	2	1951	-	0,6,6	-	-	-		
85	OHX	5	3490	-	0,6,6	-	-	-		
85	OHX	1	3696	-	0,6,6	-	-	-		
85	OHX	1	3439	-	0,6,6	-	-	-		
85	OHX	1	3539	-	0,6,6	-	-	-		
85	OHX	1	3698	-	0,6,6	-	-	-		
85	OHX	1	3541	-	0,6,6	-	-	-		
85	OHX	1	3723	-	0,6,6	-	-	-		
85	OHX	6	1941	-	0,6,6	-	-	-		
85	OHX	5	3532	-	0,6,6	-	-	-		
85	OHX	n9	101	-	0,6,6	-	-	-		
85	OHX	sR	401	-	0,6,6	-	-	-		
85	OHX	5	3610	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\|>2$	Counts	RMSZ	$\#\|Z\|>2$
85	OHX	1	3582	-	0,6,6	-	-	-		
85	OHX	6	1977	86	0,6,6	-	-	-		
85	OHX	SR	401	-	0,6,6	-	-	-		
85	OHX	6	1904	-	0,6,6	-	-	-		
85	OHX	6	1935	-	0,6,6	-	-	-		
85	OHX	5	3626	-	0,6,6	-	-	-		
85	OHX	6	2048	86	0,6,6	-	-	-		
85	OHX	5	3446	-	0,6,6	-	-	-		
85	OHX	1	3691	-	0,6,6	-	-	-		
85	OHX	6	1962	-	0,6,6	-	-	-		
85	OHX	1	3618	-	0,6,6	-	-	-		
85	OHX	5	3434	-	0,6,6	-	-	-		
85	OHX	5	3432	-	0,6,6	-	-	-		
85	OHX	2	1935	-	0,6,6	-	-	-		
85	OHX	5	3596	-	0,6,6	-	-	-		
85	OHX	8	211	-	0,6,6	-	-	-		
85	OHX	6	2033	-	0,6,6	-	-	-		
85	OHX	5	3451	-	0,6,6	-	-	-		
85	OHX	5	3717	-	0,6,6	-	-	-		
85	OHX	6	1973	-	0,6,6	-	-	-		
85	OHX	5	3567	-	0,6,6	-	-	-		
85	OHX	O4	201	-	0,6,6	-	-	-		
85	OHX	1	3460	-	0,6,6	-	-	-		
85	OHX	5	3616	86	0,6,6	-	-	-		
85	OHX	1	3540	-	0,6,6	-	-	-		
85	OHX	1	3449	-	0,6,6	-	-	-		
85	OHX	1	3601	-	0,6,6	-	-	-		
85	OHX	1	3518	-	0,6,6	-	-	-		
85	OHX	6	1961	-	0,6,6	-	-	-		
85	OHX	6	1978	-	0,6,6	-	-	-		
85	OHX	5	3433	-	0,6,6	-	-	-		
85	OHX	5	3685	-	0,6,6	-	-	-		
85	OHX	c5	201	-	0,6,6	-	-	-		
85	OHX	1	3446	-	0,6,6	-	-	-		
85	OHX	5	3634	-	0,6,6	-	-	-		
85	OHX	6	2006	-	0,6,6	-	-	-		
85	OHX	6	2009	-	0,6,6	-	-	-		
85	OHX	1	3694	-	0,6,6	-	-	-		
85	OHX	5	3739	-	0,6,6	-	-	-		
85	OHX	6	1992	-	0,6,6	-	-	-		
85	OHX	1	3692	-	0,6,6	-	-	-		
85	OHX	5	3630	-	0,6,6	-	-	-		
85	OHX	5	3508	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\|>2$	Counts	RMSZ	$\#\|Z\|>2$
85	OHX	6	1917	-	0,6,6	-	-	-		
85	OHX	5	3530	86	0,6,6	-	-	-		
85	OHX	5	3709	-	0,6,6	-	-	-		
85	OHX	5	3598	-	0,6,6	-	-	-		
85	OHX	5	3539	-	0,6,6	-	-	-		
85	OHX	6	1911	-	0,6,6	-	-	-		
85	OHX	5	3523	-	0,6,6	-	-	-		
85	OHX	5	3410	-	0,6,6	-	-	-		
85	OHX	1	3656	-	0,6,6	-	-	-		
85	OHX	6	2001	86	0,6,6	-	-	-		
85	OHX	5	3435	-	0,6,6	-	-	-		
85	OHX	5	3510	-	0,6,6	-	-	-		
85	OHX	l4	402	-	0,6,6	-	-	-		
85	OHX	6	1959	86	0,6,6	-	-	-		
85	OHX	1	3667	-	0,6,6	-	-	-		
85	OHX	1	3713	-	0,6,6	-	-	-		
85	OHX	6	2049	-	0,6,6	-	-	-		
85	OHX	2	1966	-	0,6,6	-	-	-		
85	OHX	1	3431	-	0,6,6	-	-	-		
85	OHX	o4	201	-	0,6,6	-	-	-		
85	OHX	1	3407	-	0,6,6	-	-	-		
85	OHX	5	3693	-	0,6,6	-	-	-		
85	OHX	2	1934	-	0,6,6	-	-	-		
85	OHX	2	1959	-	0,6,6	-	-	-		
85	OHX	1	3579	-	0,6,6	-	-	-		
85	OHX	5	3497	-	0,6,6	-	-	-		
85	OHX	1	3587	-	0,6,6	-	-	-		
85	OHX	2	1908	-	0,6,6	-	-	-		
85	OHX	2	1954	-	0,6,6	-	-	-		
85	OHX	5	3556	86	0,6,6	-	-	-		
85	OHX	2	1943	-	0,6,6	-	-	-		
85	OHX	1	3413	-	0,6,6	-	-	-		
85	OHX	2	1995	-	0,6,6	-	-	-		
85	OHX	1	3521	-	0,6,6	-	-	-		
85	OHX	1	3686	-	0,6,6	-	-	-		
85	OHX	2	1977	-	0,6,6	-	-	-		
85	OHX	1	3583	-	0,6,6	-	-	-		
85	OHX	5	3542	86	0,6,6	-	-	-		
85	OHX	1	3408	-	0,6,6	-	-	-		
85	OHX	6	2018	-	0,6,6	-	-	-		
85	OHX	2	2002	-	0,6,6	-	-	-		
85	OHX	m1	201	-	0,6,6	-	-	-		
85	OHX	5	3653	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\#\|Z\|>2$	Counts	RMSZ	$\#\|Z\|>2$
85	OHX	5	3720	-	0,6,6	-	-	-		
85	OHX	1	3571	-	0,6,6	-	-	-		
85	OHX	8	212	-	0,6,6	-	-	-		
85	OHX	5	3553	86	0,6,6	-	-	-		
85	OHX	5	3547	-	0,6,6	-	-	-		
85	OHX	1	3553	-	0,6,6	-	-	-		
85	OHX	5	3452	-	0,6,6	-	-	-		
85	OHX	5	3604	-	0,6,6	-	-	-		
85	OHX	1	3737	-	0,6,6	-	-	-		
85	OHX	M9	201	-	0,6,6	-	-	-		
85	OHX	1	3457	-	0,6,6	-	-	-		
85	OHX	2	1903	-	0,6,6	-	-	-		
85	OHX	1	3472	-	0,6,6	-	-	-		
85	OHX	6	1926	-	0,6,6	-	-	-		
85	OHX	2	1936	-	0,6,6	-	-	-		
85	OHX	1	3676	-	0,6,6	-	-	-		
85	OHX	1	3641	-	0,6,6	-	-	-		
85	OHX	1	3535	-	0,6,6	-	-	-		

There are no bond length outliers.

There are no bond angle outliers.

There are no chirality outliers.

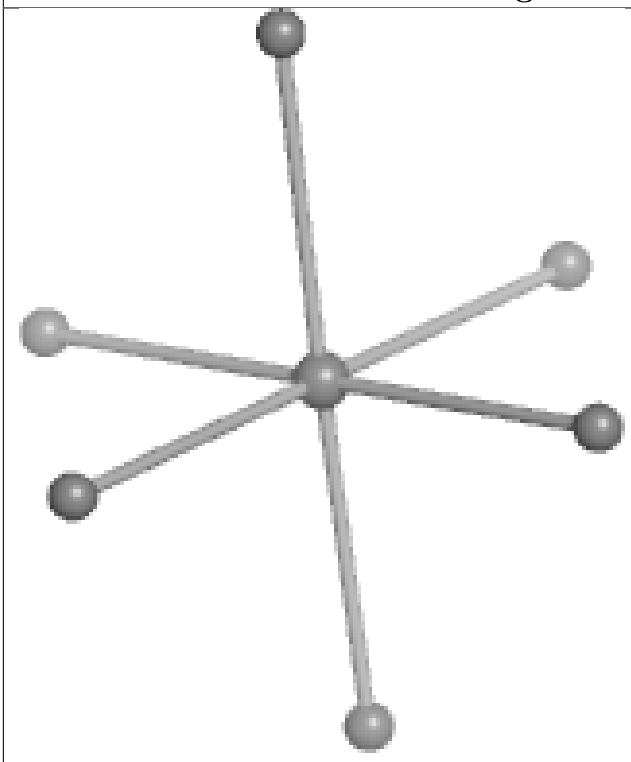
There are no torsion outliers.

There are no ring outliers.

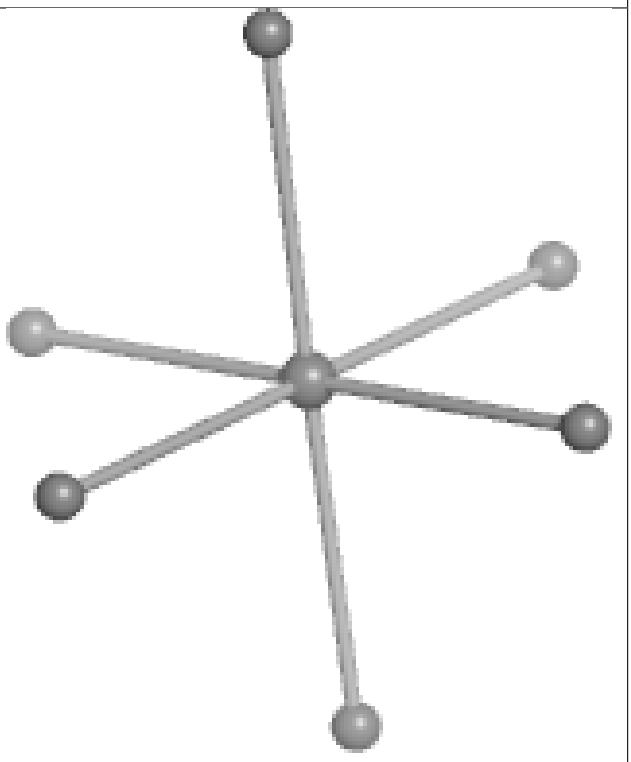
No monomer is involved in short contacts.

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

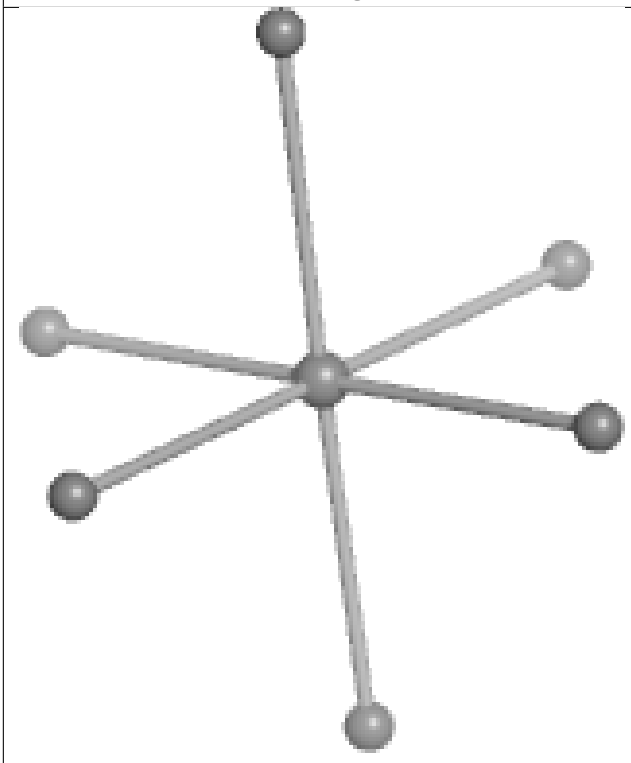
Ligand OHX 2 2022



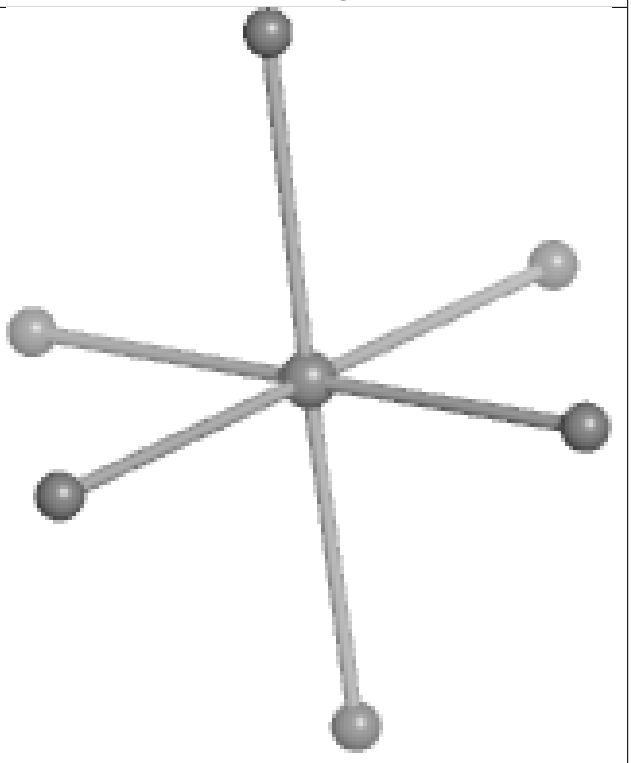
Bond lengths



Bond angles



Torsions



Rings

4.7 Other polymers (i)

There are no such residues in this entry.

4.8 Polymer linkage issues (i)

The following chains have linkage breaks:

Mol	Chain	Number of breaks
81	m2	2
35	sM	1
35	SM	1
80	c0	1
1	2	1

All chain breaks are listed below:

Model	Chain	Residue-1	Atom-1	Residue-2	Atom-2	Distance (Å)
1	sM	139:UNK	C	155:UNK	N	37.65
1	SM	141:ALA	C	151:UNK	N	26.56
1	c0	84:GLU	C	87:UNK	N	8.21
1	2	1716:C	O3'	1717:G	P	4.60
1	m2	23:UNK	C	28:UNK	N	4.05
1	m2	52:UNK	C	54:UNK	N	3.55

5 Fit of model and data

5.1 Protein, DNA and RNA chains

In the following table, the column labelled '#RSRZ> 2' contains the number (and percentage) of RSRZ outliers, followed by percent RSRZ outliers for the chain as percentile scores relative to all X-ray entries and entries of similar resolution. The OWAB column contains the minimum, median, 95^{th} percentile and maximum values of the occupancy-weighted average B-factor per residue. The column labelled 'Q< 0.9' lists the number of (and percentage) of residues with an average occupancy less than 0.9.

Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å^2)	Q<0.9
1	2	1781/1800 (98%)	1.13	214 (12%) 9 9	40, 97, 186, 235	1 (0%)
1	6	1795/1800 (99%)	0.87	121 (6%) 24 19	33, 82, 168, 218	1 (0%)
2	S0	206/251 (82%)	2.05	93 (45%) 0 1	108, 147, 226, 316	0
2	s0	206/251 (82%)	1.48	46 (22%) 2 4	81, 112, 176, 255	0
3	S1	214/254 (84%)	1.70	71 (33%) 1 1	111, 136, 156, 161	0
3	s1	216/254 (85%)	0.84	11 (5%) 33 25	74, 87, 104, 112	0
4	S2	217/253 (85%)	1.17	29 (13%) 7 8	81, 93, 115, 123	0
4	s2	217/253 (85%)	0.85	22 (10%) 12 12	62, 74, 89, 98	0
5	S3	223/239 (93%)	0.92	17 (7%) 20 17	81, 94, 124, 132	0
5	s3	223/239 (93%)	1.04	17 (7%) 20 17	85, 109, 132, 140	0
6	S4	260/260 (100%)	1.17	36 (13%) 6 8	72, 98, 110, 122	0
6	s4	260/260 (100%)	0.86	14 (5%) 31 24	53, 79, 92, 115	0
7	S5	206/224 (91%)	1.27	35 (16%) 4 5	101, 117, 125, 131	0
7	s5	206/224 (91%)	1.05	20 (9%) 13 13	81, 101, 114, 117	0
8	S6	226/236 (95%)	2.01	100 (44%) 0 1	72, 126, 220, 365	0
8	s6	218/236 (92%)	0.92	17 (7%) 19 16	54, 87, 104, 115	0
9	S7	184/189 (97%)	1.21	26 (14%) 6 8	91, 117, 133, 136	0
9	s7	186/189 (98%)	1.04	18 (9%) 13 13	72, 103, 131, 195	0
10	S8	188/200 (94%)	1.25	30 (15%) 5 6	65, 84, 127, 136	0
10	s8	188/200 (94%)	0.96	13 (6%) 23 18	49, 74, 126, 145	0
11	S9	185/196 (94%)	1.29	35 (18%) 3 4	88, 103, 128, 145	0
11	s9	185/196 (94%)	1.22	24 (12%) 7 8	67, 85, 114, 132	0
12	C0	96/105 (91%)	1.19	18 (18%) 3 4	87, 106, 124, 135	0
13	C1	146/155 (94%)	1.17	14 (9%) 13 13	68, 82, 105, 119	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å^2)	Q<0.9
13	c1	146/155 (94%)	1.13	23 (15%) 5 6	55, 69, 111, 187	0
14	C2	109/142 (76%)	1.46	25 (22%) 2 4	139, 144, 148, 151	0
14	c2	109/142 (76%)	1.93	50 (45%) 0 1	184, 196, 200, 201	0
15	C3	150/150 (100%)	1.04	13 (8%) 16 14	73, 92, 108, 111	0
15	c3	150/150 (100%)	0.86	11 (7%) 21 18	60, 77, 92, 103	0
16	C4	127/136 (93%)	1.93	50 (39%) 1 1	82, 139, 149, 152	0
16	c4	128/136 (94%)	1.00	11 (8%) 16 15	60, 88, 93, 97	0
17	C5	124/141 (87%)	1.06	17 (13%) 6 8	79, 96, 120, 131	0
17	c5	135/141 (95%)	1.34	28 (20%) 2 4	71, 98, 118, 128	0
18	C6	141/142 (99%)	1.56	37 (26%) 1 3	86, 109, 113, 116	0
18	c6	142/142 (100%)	1.54	37 (26%) 1 3	75, 97, 114, 131	0
19	C7	120/136 (88%)	2.04	50 (41%) 0 1	99, 112, 309, 332	0
19	c7	117/136 (86%)	2.06	48 (41%) 0 1	88, 102, 310, 364	0
20	C8	145/145 (100%)	1.24	22 (15%) 5 7	78, 103, 123, 127	0
20	c8	145/145 (100%)	1.03	16 (11%) 10 11	73, 92, 109, 115	0
21	C9	143/143 (100%)	1.91	51 (35%) 1 1	95, 103, 117, 124	0
21	c9	143/143 (100%)	1.06	14 (9%) 13 13	76, 88, 102, 109	0
22	D0	107/120 (89%)	1.63	33 (30%) 1 2	81, 109, 125, 128	0
22	d0	110/120 (91%)	1.30	17 (15%) 5 7	79, 113, 136, 142	0
23	D1	87/87 (100%)	1.08	9 (10%) 12 12	102, 112, 163, 190	0
23	d1	87/87 (100%)	0.78	5 (5%) 29 22	74, 85, 129, 145	0
24	D2	129/129 (100%)	1.20	18 (13%) 6 8	76, 90, 98, 109	0
24	d2	129/129 (100%)	0.89	9 (6%) 22 18	58, 70, 79, 92	0
25	D3	144/144 (100%)	0.93	15 (10%) 11 12	63, 69, 77, 86	0
25	d3	144/144 (100%)	0.66	4 (2%) 55 41	48, 54, 64, 71	0
26	D4	134/134 (100%)	1.31	29 (21%) 2 4	86, 104, 115, 117	0
26	d4	134/134 (100%)	1.14	21 (15%) 5 6	62, 84, 97, 116	0
27	D5	70/107 (65%)	1.29	12 (17%) 4 5	116, 124, 128, 128	0
27	d5	69/107 (64%)	1.28	15 (21%) 2 4	92, 109, 115, 117	0
28	D6	97/97 (100%)	1.50	21 (21%) 2 4	85, 101, 146, 147	0
28	d6	97/97 (100%)	1.02	12 (12%) 8 9	63, 78, 96, 102	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å^2)	Q<0.9
29	D7	81/81 (100%)	1.37	13 (16%) 5 6	93, 109, 126, 129	0
29	d7	81/81 (100%)	1.06	8 (9%) 13 12	74, 89, 114, 118	0
30	D8	63/66 (95%)	1.40	12 (19%) 3 4	108, 122, 128, 130	0
30	d8	63/66 (95%)	1.07	7 (11%) 10 11	96, 107, 115, 118	0
31	D9	53/55 (96%)	1.81	19 (35%) 1 1	84, 89, 106, 110	0
31	d9	53/55 (96%)	1.73	20 (37%) 1 1	82, 94, 123, 130	0
32	E0	60/62 (96%)	1.15	9 (15%) 5 7	69, 99, 123, 125	0
32	e0	62/62 (100%)	0.87	7 (11%) 10 10	57, 82, 104, 111	0
33	E1	71/76 (93%)	1.64	25 (35%) 1 1	96, 137, 146, 147	0
33	e1	76/76 (100%)	2.21	37 (48%) 0 1	111, 170, 192, 197	0
34	SR	318/318 (100%)	1.37	65 (20%) 3 4	110, 123, 140, 202	0
34	sR	318/318 (100%)	1.41	59 (18%) 3 4	112, 128, 142, 186	0
35	SM	133/182 (73%)	1.03	11 (8%) 17 15	57, 87, 146, 161	0
35	sM	63/182 (34%)	1.03	12 (19%) 3 4	45, 97, 104, 108	0
36	1	3149/3396 (92%)	0.52	125 (3%) 42 30	31, 57, 131, 226	0
36	5	3150/3396 (92%)	0.45	94 (2%) 52 39	30, 54, 119, 190	0
37	3	121/121 (100%)	0.54	2 (1%) 69 54	41, 71, 88, 91	0
37	7	121/121 (100%)	0.41	2 (1%) 69 54	36, 55, 70, 74	0
38	4	158/158 (100%)	0.44	5 (3%) 50 37	37, 60, 97, 140	0
38	8	158/158 (100%)	0.56	6 (3%) 44 31	41, 63, 100, 119	0
39	L2	252/253 (99%)	0.64	11 (4%) 39 28	41, 56, 73, 147	0
39	l2	252/253 (99%)	0.85	18 (7%) 22 18	39, 57, 78, 146	0
40	L3	386/386 (100%)	0.61	12 (3%) 51 38	36, 58, 75, 93	0
40	l3	386/386 (100%)	0.40	12 (3%) 51 38	30, 44, 62, 97	0
41	L4	361/361 (100%)	0.44	7 (1%) 66 51	34, 48, 64, 76	0
41	l4	361/361 (100%)	0.47	9 (2%) 58 43	36, 50, 68, 80	0
42	L5	296/296 (100%)	0.71	11 (3%) 45 32	52, 75, 96, 113	0
42	l5	294/296 (99%)	0.71	16 (5%) 31 24	40, 58, 85, 120	0
43	L6	156/175 (89%)	0.43	1 (0%) 85 75	43, 50, 67, 83	0
43	l6	157/175 (89%)	0.44	2 (1%) 75 61	41, 50, 70, 79	0
44	L7	222/243 (91%)	0.26	1 (0%) 87 78	36, 42, 65, 87	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å^2)	Q<0.9
44	l7	223/243 (91%)	0.36	3 (1%) 75 61	33, 41, 72, 98	0
45	L8	233/255 (91%)	1.15	35 (15%) 5 7	61, 81, 173, 291	0
45	l8	231/255 (90%)	1.03	29 (12%) 8 9	68, 83, 110, 115	0
46	L9	191/191 (100%)	0.54	6 (3%) 51 38	48, 61, 73, 82	0
46	l9	191/191 (100%)	0.43	5 (2%) 57 42	40, 49, 64, 73	0
47	M0	211/220 (95%)	0.45	8 (3%) 44 31	40, 50, 87, 161	0
47	m0	213/220 (96%)	0.52	6 (2%) 55 41	35, 48, 82, 172	0
48	M1	169/173 (97%)	0.98	17 (10%) 12 12	65, 81, 94, 100	0
48	m1	169/173 (97%)	0.55	3 (1%) 67 53	46, 61, 70, 82	0
49	M3	193/198 (97%)	0.61	6 (3%) 51 38	37, 59, 96, 119	0
49	m3	194/198 (97%)	0.63	5 (2%) 57 42	38, 64, 96, 112	0
50	M4	136/137 (99%)	0.46	5 (3%) 45 32	45, 50, 63, 71	0
50	m4	137/137 (100%)	0.41	5 (3%) 46 33	39, 45, 68, 80	0
51	M5	203/203 (100%)	0.89	13 (6%) 25 20	37, 53, 63, 68	0
51	m5	203/203 (100%)	1.04	22 (10%) 11 11	41, 58, 69, 73	0
52	M6	197/198 (99%)	0.45	10 (5%) 33 25	35, 41, 60, 63	0
52	m6	197/198 (99%)	0.38	7 (3%) 46 33	31, 35, 58, 62	0
53	M7	183/183 (100%)	0.78	20 (10%) 10 11	39, 50, 170, 329	0
53	m7	155/183 (84%)	0.51	3 (1%) 66 51	35, 42, 53, 67	0
54	M8	185/185 (100%)	0.56	5 (2%) 56 42	38, 50, 66, 85	0
54	m8	185/185 (100%)	0.65	9 (4%) 35 26	36, 52, 64, 70	0
55	M9	188/188 (100%)	1.03	19 (10%) 12 12	64, 76, 138, 144	0
55	m9	188/188 (100%)	0.77	7 (3%) 45 32	55, 64, 120, 135	0
56	N0	172/172 (100%)	0.41	4 (2%) 61 46	39, 48, 61, 64	0
56	n0	172/172 (100%)	0.38	4 (2%) 61 46	35, 40, 51, 61	0
57	N1	159/159 (100%)	0.54	5 (3%) 51 38	41, 51, 87, 91	0
57	n1	159/159 (100%)	0.48	5 (3%) 51 38	38, 44, 80, 85	0
58	N2	100/120 (83%)	1.15	12 (12%) 9 9	91, 102, 109, 112	0
58	n2	98/120 (81%)	0.82	5 (5%) 33 25	75, 84, 92, 95	0
59	N3	136/136 (100%)	0.46	5 (3%) 45 32	43, 52, 61, 68	0
59	n3	136/136 (100%)	0.43	3 (2%) 62 47	31, 41, 54, 58	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å^2)	Q<0.9
60	N4	98/155 (63%)	1.98	45 (45%) 0 1	52, 74, 448, 489	0
60	n4	135/155 (87%)	1.21	33 (24%) 2 3	41, 94, 307, 436	0
61	N5	121/141 (85%)	0.69	7 (5%) 29 22	52, 64, 84, 149	0
61	n5	120/141 (85%)	0.92	12 (10%) 12 12	51, 67, 87, 95	0
62	N6	126/126 (100%)	0.78	7 (5%) 30 23	43, 59, 70, 76	0
62	n6	126/126 (100%)	0.92	9 (7%) 22 18	45, 60, 78, 83	0
63	N7	135/135 (100%)	0.95	11 (8%) 18 16	77, 89, 107, 114	0
63	n7	135/135 (100%)	1.17	15 (11%) 10 11	79, 90, 109, 117	0
64	N8	148/148 (100%)	0.58	7 (4%) 36 27	31, 52, 72, 81	0
64	n8	148/148 (100%)	0.53	1 (0%) 84 73	31, 53, 66, 70	0
65	N9	58/58 (100%)	1.00	9 (15%) 5 7	37, 56, 94, 104	0
65	n9	58/58 (100%)	1.02	5 (8%) 16 15	35, 53, 76, 80	0
66	O0	97/104 (93%)	0.58	2 (2%) 63 48	75, 83, 96, 98	0
66	o0	100/104 (96%)	0.70	5 (5%) 34 25	72, 80, 98, 104	0
67	O1	109/112 (97%)	1.00	11 (10%) 12 12	54, 72, 123, 237	0
67	o1	109/112 (97%)	0.72	5 (4%) 37 27	46, 58, 93, 168	0
68	O2	127/129 (98%)	0.73	9 (7%) 22 18	31, 48, 57, 70	0
68	o2	127/129 (98%)	0.62	6 (4%) 36 27	31, 50, 60, 70	0
69	O3	106/106 (100%)	0.56	4 (3%) 44 31	36, 43, 68, 83	0
69	o3	106/106 (100%)	0.34	2 (1%) 66 51	35, 40, 65, 72	0
70	O4	112/120 (93%)	1.31	21 (18%) 3 4	55, 74, 101, 106	0
70	o4	112/120 (93%)	1.21	17 (15%) 5 7	53, 71, 100, 105	0
71	O5	119/119 (100%)	0.85	9 (7%) 20 17	51, 67, 75, 81	0
71	o5	119/119 (100%)	0.84	11 (9%) 14 14	58, 68, 82, 90	0
72	O6	99/99 (100%)	0.82	8 (8%) 18 16	57, 66, 91, 98	0
72	o6	99/99 (100%)	0.93	12 (12%) 8 9	61, 72, 86, 100	0
73	O7	87/87 (100%)	0.78	5 (5%) 29 22	39, 46, 70, 86	0
73	o7	87/87 (100%)	0.93	9 (10%) 12 12	38, 47, 81, 114	0
74	O8	77/77 (100%)	1.06	8 (10%) 11 12	84, 91, 99, 101	0
74	o8	77/77 (100%)	1.05	7 (9%) 15 14	83, 91, 111, 122	0
75	O9	50/50 (100%)	0.83	7 (14%) 6 8	48, 52, 60, 67	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å^2)	Q<0.9
75	o9	50/50 (100%)	0.63	1 (2%) 65 49	48, 51, 61, 77	0
76	Q0	52/52 (100%)	0.75	3 (5%) 29 22	48, 55, 66, 71	0
76	q0	52/52 (100%)	0.32	1 (1%) 66 51	38, 41, 48, 54	0
77	Q1	25/25 (100%)	1.61	6 (24%) 2 3	67, 68, 72, 73	0
77	q1	25/25 (100%)	1.41	6 (24%) 2 3	54, 57, 67, 72	0
78	Q2	105/105 (100%)	0.69	4 (3%) 44 31	44, 63, 74, 88	0
78	q2	105/105 (100%)	0.71	5 (4%) 35 26	44, 56, 70, 88	0
79	Q3	91/91 (100%)	0.56	1 (1%) 78 65	48, 58, 72, 82	0
79	q3	91/91 (100%)	0.59	3 (3%) 49 36	46, 55, 71, 78	0
80	c0	84/96 (87%)	1.73	32 (38%) 1 1	107, 133, 141, 144	0
81	m2	0/150	-	-	-	-
82	p0	120/311 (38%)	1.17	11 (9%) 14 14	86, 103, 118, 125	0
83	p1	0/47	-	-	-	-
84	p2	0/46	-	-	-	-
All	All	32953/35147 (93%)	0.85	3085 (9%) 14 14	30, 72, 139, 489	2 (0%)

All (3085) RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
2	S0	40	ALA	8.3
16	C4	15	GLY	7.7
18	C6	20	ALA	7.7
21	C9	89	ARG	7.6
19	C7	125	SER	7.3
33	e1	145	HIS	7.1
39	l2	249	SER	7.1
21	C9	85	SER	6.8
8	S6	80	ASN	6.7
1	6	656	G	6.6
1	6	1756[A]	A	6.5
1	2	194	U	6.5
16	C4	16	VAL	6.5
34	sR	25	THR	6.5
56	N0	1	MET	6.4
73	o7	88	ALA	6.4
39	l2	253	GLN	6.4
7	S5	37	GLN	6.3
21	C9	92	LYS	6.2

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Mol	Chain	Res	Type	RSRZ
10	S8	21	PHE	6.2
31	D9	4	GLU	6.1
11	s9	6	ARG	6.1
14	c2	30	VAL	6.1
17	c5	4	ALA	6.1
1	2	1708	U	6.0
1	6	1217	A	6.0
1	2	1601	G	6.0
33	e1	80	ARG	6.0
21	C9	71	VAL	5.9
19	c7	25	THR	5.8
4	s2	92	ALA	5.8
26	d4	26	ASP	5.8
21	C9	90	PRO	5.8
60	N4	78	ALA	5.8
60	N4	76	VAL	5.8
2	S0	43	ASP	5.8
19	C7	110	VAL	5.8
21	C9	91	TYR	5.6
9	s7	52	ALA	5.6
14	c2	123	VAL	5.6
2	S0	107	PHE	5.6
36	1	1349	G	5.6
2	S0	42	PRO	5.6
70	O4	2	ALA	5.6
19	C7	2	GLY	5.6
36	1	2874	G	5.6
17	C5	104	GLN	5.6
21	C9	44	GLU	5.5
19	C7	53	TYR	5.5
1	2	1709	C	5.5
36	1	2772	C	5.5
34	SR	78	ALA	5.5
18	c6	19	VAL	5.4
1	6	678	A	5.4
60	N4	75	THR	5.4
21	C9	86	ARG	5.4
1	2	845	G	5.3
53	M7	168	LEU	5.3
14	c2	75	VAL	5.3
22	D0	120	SER	5.3
56	n0	2	ALA	5.2

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Mol	Chain	Res	Type	RSRZ
1	2	280	U	5.2
45	l8	246	MET	5.2
13	c1	42	PHE	5.1
19	c7	53	TYR	5.1
34	SR	79	TYR	5.1
6	S4	25	GLY	5.1
60	N4	83	THR	5.1
30	D8	44	VAL	5.1
11	S9	181	ALA	5.1
79	q3	2	ALA	5.1
5	s3	145	ALA	5.0
65	N9	2	ALA	5.0
39	L2	253	GLN	5.0
20	c8	22	VAL	5.0
1	6	676	G	5.0
8	S6	180	THR	5.0
19	c7	57	LEU	5.0
21	C9	5	SER	4.9
21	C9	41	SER	4.9
26	d4	69	SER	4.9
3	S1	96	LEU	4.9
21	C9	119	LYS	4.9
1	2	217	A	4.9
10	S8	20	GLN	4.9
19	c7	65	PRO	4.9
8	S6	143	LYS	4.9
4	S2	86	VAL	4.9
2	s0	173	ILE	4.9
31	d9	16	LYS	4.9
36	1	1103	A	4.9
36	5	1103	A	4.9
22	D0	81	THR	4.8
8	S6	152	ASP	4.8
1	2	1687	U	4.8
21	C9	83	ALA	4.8
51	m5	181	ASN	4.8
2	S0	50	VAL	4.8
13	C1	68	GLY	4.8
8	S6	182	GLN	4.8
26	d4	18	LEU	4.8
34	sR	62	LYS	4.8
19	c7	17	ILE	4.7

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Mol	Chain	Res	Type	RSRZ
19	C7	117	LEU	4.7
3	S1	204	ILE	4.7
54	m8	14	GLY	4.7
13	C1	91	LEU	4.7
10	S8	8	ARG	4.7
2	S0	44	GLY	4.7
31	D9	5	ASN	4.7
2	S0	138	TYR	4.7
19	c7	3	ARG	4.7
72	o6	28	TYR	4.7
1	2	1756[A]	A	4.7
16	C4	14	PHE	4.6
16	C4	102	LEU	4.6
65	N9	54	LEU	4.6
1	2	1370	U	4.6
20	c8	17	LEU	4.6
1	2	1702	A	4.6
61	n5	23	ALA	4.6
39	l2	194	ASN	4.6
19	C7	102	VAL	4.6
60	N4	77	LYS	4.6
1	2	1699	G	4.6
34	SR	136	ILE	4.6
8	S6	140	ASN	4.6
2	s0	19	ALA	4.6
33	e1	95	HIS	4.6
19	c7	10	LYS	4.5
1	2	261	U	4.5
55	M9	5	ARG	4.5
8	S6	135	PRO	4.5
19	C7	124	VAL	4.5
8	S6	1	MET	4.5
16	C4	89	THR	4.5
19	c7	8	THR	4.5
1	2	1625	C	4.5
47	m0	112	GLN	4.5
2	S0	41	ARG	4.5
1	2	238	U	4.5
60	N4	90	ILE	4.5
2	S0	102	PHE	4.5
2	s0	2	SER	4.4
8	S6	175	ILE	4.4

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Mol	Chain	Res	Type	RSRZ
21	c9	92	LYS	4.4
8	S6	186	ARG	4.4
33	e1	102	VAL	4.4
2	S0	162	CYS	4.4
1	6	662	U	4.4
1	6	651	G	4.4
70	o4	33	GLN	4.4
18	C6	21	HIS	4.4
22	D0	66	SER	4.4
19	c7	2	GLY	4.4
1	2	715	U	4.4
34	sR	136	ILE	4.4
3	S1	94	LYS	4.4
4	S2	161	LYS	4.4
26	D4	117	LYS	4.4
53	M7	184	ALA	4.4
63	n7	2	ALA	4.4
13	c1	70	ILE	4.4
47	m0	111	LEU	4.4
1	2	1704	U	4.4
82	p0	192	ASP	4.4
80	c0	27	PHE	4.3
9	S7	98	ILE	4.3
60	N4	82	ILE	4.3
18	c6	8	GLN	4.3
3	S1	201	THR	4.3
39	l2	16	PHE	4.3
19	c7	13	SER	4.3
19	C7	5	ARG	4.3
4	S2	90	THR	4.3
28	D6	14	GLY	4.3
60	N4	84	GLY	4.3
8	S6	179	VAL	4.3
8	S6	170	THR	4.3
11	s9	3	ARG	4.3
34	sR	253	ALA	4.3
60	n4	132	GLY	4.3
1	2	218	A	4.2
36	1	1234	G	4.2
2	S0	196	SER	4.2
8	S6	66	GLY	4.2
1	6	679	U	4.2

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Mol	Chain	Res	Type	RSRZ
2	S0	2	SER	4.2
34	sR	61	PHE	4.2
36	1	1878	G	4.2
33	e1	78	LYS	4.2
1	2	719	U	4.2
19	C7	41	ILE	4.2
21	C9	38	LYS	4.2
8	s6	88	ARG	4.2
16	C4	133	ARG	4.2
2	S0	207	PRO	4.1
19	c7	119	LEU	4.1
18	c6	125	GLU	4.1
1	2	954	G	4.1
2	S0	187	ALA	4.1
18	c6	119	ALA	4.1
60	N4	85	ALA	4.1
1	6	663	U	4.1
12	C0	40	LEU	4.1
34	SR	81	LEU	4.1
8	S6	158	ILE	4.1
22	D0	19	ILE	4.1
7	S5	36	ALA	4.1
8	S6	176	GLN	4.1
31	d9	27	HIS	4.1
33	e1	77	GLY	4.1
8	S6	68	LEU	4.1
36	1	1237	G	4.1
3	S1	25	THR	4.1
1	6	1708	U	4.1
3	S1	45	LYS	4.1
8	S6	5	ILE	4.1
5	S3	88	ALA	4.1
5	S3	179	GLN	4.1
60	N4	79	GLN	4.1
38	8	80	A	4.1
26	d4	67	GLY	4.1
14	c2	45	LEU	4.1
18	C6	66	ARG	4.1
18	c6	68	ARG	4.1
36	1	3079	U	4.1
9	s7	109	VAL	4.0
19	C7	120	SER	4.0

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Mol	Chain	Res	Type	RSRZ
5	S3	148	LYS	4.0
34	sR	83	ALA	4.0
21	C9	79	LEU	4.0
8	S6	114	VAL	4.0
60	N4	63	ILE	4.0
48	M1	144	CYS	4.0
60	N4	81	PRO	4.0
8	S6	151	ASP	4.0
1	6	1228	G	4.0
6	s4	26	CYS	4.0
20	C8	32	LEU	4.0
18	c6	29	ILE	4.0
61	N5	23	ALA	4.0
36	1	2996	U	4.0
19	c7	100	LEU	4.0
21	c9	79	LEU	4.0
8	S6	157	VAL	4.0
53	M7	166	VAL	4.0
1	2	1693	A	4.0
45	L8	113	ALA	4.0
18	c6	4	VAL	3.9
1	6	1285	U	3.9
72	O6	56	ARG	3.9
19	c7	28	PHE	3.9
28	D6	4	LYS	3.9
8	S6	124	LEU	3.9
21	c9	91	TYR	3.9
36	5	2874	G	3.9
47	M0	114	GLY	3.9
2	S0	23	HIS	3.9
2	s0	170	ILE	3.9
23	D1	34	ILE	3.9
38	8	81	U	3.9
63	n7	56	LYS	3.9
5	S3	44	THR	3.9
33	e1	125	THR	3.9
19	C7	89	SER	3.9
1	6	1707	A	3.9
57	n1	5	HIS	3.9
1	2	320	U	3.9
2	S0	194	PRO	3.9
30	d8	24	GLY	3.9

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Mol	Chain	Res	Type	RSRZ
2	s0	40	ALA	3.9
14	C2	103	LEU	3.9
36	1	1952	G	3.9
36	5	620	U	3.9
4	S2	163	GLY	3.9
16	C4	27	PHE	3.9
8	S6	178	LEU	3.9
9	s7	93	LEU	3.9
26	d4	27	VAL	3.8
53	M7	165	VAL	3.8
34	sR	168	THR	3.8
33	e1	94	LYS	3.8
18	c6	139	GLN	3.8
7	S5	71	ALA	3.8
71	o5	2	ALA	3.8
7	s5	37	GLN	3.8
8	S6	190	GLN	3.8
60	N4	96	LEU	3.8
17	c5	136	SER	3.8
20	C8	22	VAL	3.8
80	c0	22	VAL	3.8
36	1	1236	G	3.8
71	o5	107	LYS	3.8
4	s2	208	GLU	3.8
34	SR	160	GLU	3.8
2	S0	155	PHE	3.8
2	s0	146	LEU	3.8
58	N2	89	LEU	3.8
21	C9	37	VAL	3.8
36	1	1025	A	3.8
1	2	830	U	3.8
1	2	1686	C	3.8
8	S6	144	PHE	3.8
8	S6	154	ARG	3.8
34	SR	23	LEU	3.8
65	N9	57	ALA	3.8
14	c2	64	SER	3.8
60	N4	72	SER	3.8
60	N4	98	PRO	3.8
1	6	75	U	3.8
36	5	1580	A	3.8
39	l2	252	THR	3.8

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Mol	Chain	Res	Type	RSRZ
19	c7	35	CYS	3.8
73	o7	86	ALA	3.7
42	l5	270	LYS	3.7
1	2	656	G	3.7
24	D2	85	ASP	3.7
36	1	3289	G	3.7
18	C6	96	TYR	3.7
18	c6	142	TYR	3.7
2	s0	6	THR	3.7
1	6	718	U	3.7
1	6	794	U	3.7
9	S7	109	VAL	3.7
17	c5	6	ASN	3.7
36	5	491	C	3.7
3	S1	164	ILE	3.7
10	s8	176	SER	3.7
33	E1	103	LEU	3.7
45	l8	120	LYS	3.7
19	C7	126	ALA	3.7
36	1	3286	G	3.7
5	s3	175	VAL	3.7
66	o0	67	VAL	3.7
42	L5	151	GLN	3.7
7	S5	102	ARG	3.7
8	S6	142	ARG	3.7
1	2	718	U	3.7
1	2	1694	A	3.7
48	m1	135	GLY	3.7
74	O8	49	SER	3.7
6	S4	60	GLU	3.7
8	S6	153	VAL	3.7
24	D2	74	VAL	3.7
61	n5	33	ARG	3.7
34	SR	115	ILE	3.7
54	m8	11	LYS	3.7
34	sR	26	SER	3.7
36	1	1028	U	3.7
20	C8	83	ALA	3.7
11	s9	148	VAL	3.7
36	1	1238	C	3.7
11	s9	139	GLN	3.7
28	d6	17	HIS	3.7

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Mol	Chain	Res	Type	RSRZ
16	C4	137	LEU	3.7
8	S6	146	GLY	3.7
12	C0	89	GLY	3.7
21	c9	80	TYR	3.6
36	5	1349	G	3.6
60	N4	67	VAL	3.6
1	2	74	U	3.6
1	2	75	U	3.6
19	c7	11	ARG	3.6
46	L9	168	ARG	3.6
1	2	1600	A	3.6
6	S4	134	LYS	3.6
27	D5	97	LYS	3.6
31	d9	7	TRP	3.6
3	S1	156	ALA	3.6
73	O7	87	SER	3.6
80	c0	65	TYR	3.6
4	S2	158	THR	3.6
34	SR	161	LYS	3.6
38	4	82	U	3.6
3	S1	142	PHE	3.6
1	2	740	A	3.6
10	S8	22	ARG	3.6
55	M9	74	ARG	3.6
34	sR	27	ALA	3.6
39	l2	235	ALA	3.6
8	S6	73	ILE	3.6
20	C8	66	LEU	3.6
20	c8	18	LEU	3.6
29	d7	33	LEU	3.6
33	e1	79	LYS	3.6
53	M7	179	GLN	3.6
33	E1	145	HIS	3.6
4	s2	93	GLY	3.6
7	s5	101	GLY	3.6
36	1	1351	U	3.6
19	c7	4	VAL	3.6
22	d0	64	LYS	3.6
80	c0	2	LEU	3.6
19	c7	96	SER	3.6
8	S6	78	THR	3.6
12	C0	67	THR	3.6

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Mol	Chain	Res	Type	RSRZ
9	S7	108	GLN	3.6
14	C2	117	GLY	3.6
45	L8	52	TRP	3.6
9	S7	100	PRO	3.6
10	S8	13	ALA	3.6
34	sR	244	ALA	3.6
21	C9	84	LYS	3.6
59	N3	2	SER	3.6
62	n6	62	SER	3.6
45	l8	124	ASP	3.6
6	s4	25	GLY	3.5
36	5	1582	C	3.5
2	s0	194	PRO	3.5
14	c2	126	TRP	3.5
40	L3	51	ALA	3.5
53	M7	160	ALA	3.5
68	O2	61	LYS	3.5
31	D9	30	LEU	3.5
67	O1	69	TYR	3.5
36	1	1955	U	3.5
36	5	1820	U	3.5
3	S1	144	ARG	3.5
8	S6	99	GLY	3.5
39	l2	2	GLY	3.5
21	c9	84	LYS	3.5
2	s0	207	PRO	3.5
19	c7	118	PRO	3.5
3	S1	207	LEU	3.5
8	S6	184	LEU	3.5
1	2	1703	C	3.5
19	C7	122	ILE	3.5
21	C9	141	GLU	3.5
36	1	1016	C	3.5
11	s9	8	TYR	3.5
1	6	657	U	3.5
4	S2	87	GLN	3.5
33	e1	147	VAL	3.5
2	S0	18	LEU	3.5
7	S5	164	PRO	3.5
45	L8	46	LEU	3.5
34	sR	121	MET	3.5
19	c7	5	ARG	3.5

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Mol	Chain	Res	Type	RSRZ
55	M9	72	GLU	3.5
1	2	1707	A	3.5
80	c0	28	ASN	3.5
1	2	1692	G	3.5
8	S6	171	LYS	3.5
60	n4	75	THR	3.5
2	s0	106	SER	3.5
7	S5	70	VAL	3.5
32	e0	62	VAL	3.5
16	C4	110	LEU	3.5
19	C7	103	ASP	3.5
10	S8	37	LYS	3.5
2	S0	158	VAL	3.5
36	1	1350	A	3.5
36	5	1350	A	3.5
2	s0	57	LEU	3.5
73	o7	87	SER	3.5
1	2	1624	C	3.5
11	s9	45	ILE	3.5
22	d0	99	ILE	3.5
1	2	846	G	3.5
1	2	260	U	3.5
1	6	232	U	3.5
36	1	3287	U	3.5
36	5	2506	U	3.5
60	N4	97	LYS	3.4
3	S1	46	THR	3.4
18	C6	11	GLY	3.4
2	S0	131	GLN	3.4
18	c6	3	ALA	3.4
19	C7	100	LEU	3.4
19	c7	113	LEU	3.4
10	S8	92	ARG	3.4
14	c2	71	ILE	3.4
21	C9	94	ILE	3.4
23	D1	23	ILE	3.4
80	c0	25	LYS	3.4
4	S2	208	GLU	3.4
34	sR	79	TYR	3.4
1	6	1710	U	3.4
19	c7	121	VAL	3.4
2	S0	24	LEU	3.4

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Mol	Chain	Res	Type	RSRZ
19	c7	16	LEU	3.4
21	C9	82	GLY	3.4
28	D6	16	GLY	3.4
60	n4	131	ALA	3.4
9	s7	8	ILE	3.4
19	C7	118	PRO	3.4
4	S2	164	SER	3.4
45	L8	213	LYS	3.4
60	N4	74	LYS	3.4
21	c9	44	GLU	3.4
38	4	80	A	3.4
66	o0	59	TYR	3.4
2	S0	189	VAL	3.4
34	sR	157	VAL	3.4
7	s5	58	LEU	3.4
39	L2	12	ALA	3.4
74	o8	2	ALA	3.4
26	D4	34	ASN	3.4
7	S5	137	ILE	3.4
36	1	1356	U	3.4
14	c2	124	LYS	3.4
19	c7	7	LYS	3.4
1	2	1698	G	3.4
36	1	3361	G	3.4
2	S0	203	PHE	3.4
4	S2	57	PHE	3.4
8	S6	89	ASP	3.4
17	c5	106	GLU	3.4
14	C2	45	LEU	3.4
26	d4	12	VAL	3.4
55	m9	22	VAL	3.4
4	s2	91	ARG	3.4
7	S5	152	GLY	3.4
18	c6	18	ALA	3.4
33	e1	152	ALA	3.4
56	n0	1	MET	3.4
18	C6	17	THR	3.4
28	d6	19	LYS	3.4
66	o0	36	GLN	3.4
70	O4	69	HIS	3.4
17	c5	109	PRO	3.4
36	1	1581	C	3.4

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Mol	Chain	Res	Type	RSRZ
36	5	252	U	3.4
42	L5	55	PHE	3.4
65	n9	4	SER	3.4
3	s1	91	VAL	3.4
8	S6	36	VAL	3.4
8	S6	150	GLU	3.4
23	D1	10	GLU	3.4
70	O4	53	GLY	3.4
70	o4	28	GLY	3.4
20	C8	69	ILE	3.4
4	s2	166	THR	3.4
1	6	217	A	3.3
13	c1	4	GLU	3.3
18	C6	75	VAL	3.3
19	C7	113	LEU	3.3
36	5	1764	U	3.3
71	o5	102	GLU	3.3
2	S0	129	ASP	3.3
8	S6	138	ALA	3.3
19	C7	7	LYS	3.3
60	n4	77	LYS	3.3
3	S1	140	ILE	3.3
51	M5	142	ILE	3.3
1	2	1288	G	3.3
3	S1	95	ASN	3.3
11	S9	3	ARG	3.3
60	N4	73	ARG	3.3
5	s3	176	LEU	3.3
4	s2	84	LYS	3.3
16	c4	125	SER	3.3
36	1	1352	A	3.3
20	c8	146	ALA	3.3
65	n9	27	TYR	3.3
36	5	1567	U	3.3
8	S6	183	ARG	3.3
19	c7	26	LEU	3.3
20	C8	44	ASN	3.3
34	sR	294	TRP	3.3
60	n4	76	VAL	3.3
8	S6	223	LYS	3.3
1	6	655	G	3.3
1	6	677	G	3.3

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Mol	Chain	Res	Type	RSRZ
2	S0	144	ILE	3.3
3	S1	161	ILE	3.3
6	S4	203	GLY	3.3
20	C8	35	ILE	3.3
36	5	1560	G	3.3
36	5	3276	G	3.3
65	n9	2	ALA	3.3
1	2	1346	A	3.3
36	1	3375	A	3.3
4	S2	91	ARG	3.3
31	D9	20	GLN	3.3
51	m5	193	ARG	3.3
1	2	1711	C	3.3
8	S6	156	PHE	3.3
3	S1	91	VAL	3.3
21	C9	6	VAL	3.3
28	D6	3	LYS	3.3
30	D8	15	VAL	3.3
47	M0	203	LYS	3.3
45	L8	114	ALA	3.3
58	N2	93	ILE	3.3
70	o4	29	ILE	3.3
21	C9	72	GLY	3.3
24	D2	73	GLY	3.3
25	D3	2	GLY	3.3
35	SM	67	GLY	3.3
19	c7	120	SER	3.3
45	l8	253	SER	3.3
53	M7	142	SER	3.3
36	1	1261	G	3.3
25	D3	124	VAL	3.3
33	E1	97	LYS	3.3
33	e1	98	VAL	3.3
15	C3	14	SER	3.2
8	S6	109	LEU	3.2
17	C5	72	LYS	3.2
77	Q1	16	LYS	3.2
2	S0	143	VAL	3.2
11	S9	101	VAL	3.2
28	d6	86	VAL	3.2
31	d9	23	VAL	3.2
8	S6	226	ILE	3.2

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Mol	Chain	Res	Type	RSRZ
13	c1	144	ALA	3.2
65	N9	55	ALA	3.2
1	2	193	U	3.2
7	s5	152	GLY	3.2
36	1	2714	G	3.2
36	5	442	G	3.2
2	S0	152	PRO	3.2
6	S4	133	LYS	3.2
8	S6	148	SER	3.2
29	D7	41	LEU	3.2
35	SM	84	LYS	3.2
36	1	2539	C	3.2
18	c6	126	PRO	3.2
17	c5	5	VAL	3.2
28	D6	86	VAL	3.2
2	S0	98	ILE	3.2
7	s5	74	ALA	3.2
53	M7	161	ALA	3.2
19	C7	101	ASN	3.2
55	M9	85	ARG	3.2
33	e1	85	TYR	3.2
42	L5	150	LEU	3.2
53	M7	164	LYS	3.2
70	O4	21	LYS	3.2
36	1	2771	U	3.2
8	S6	181	PRO	3.2
17	c5	125	PRO	3.2
1	2	228	G	3.2
1	2	488	G	3.2
2	S0	139	VAL	3.2
19	c7	66	VAL	3.2
19	c7	89	SER	3.2
21	C9	88	VAL	3.2
33	e1	146	SER	3.2
33	e1	150	VAL	3.2
36	1	3288	G	3.2
36	5	1261	G	3.2
61	N5	26	VAL	3.2
70	O4	65	VAL	3.2
1	6	1711	C	3.2
60	n4	78	ALA	3.2
2	s0	54	TRP	3.2

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Mol	Chain	Res	Type	RSRZ
34	sR	28	GLY	3.2
34	sR	92	TRP	3.2
8	S6	136	LYS	3.2
33	e1	90	LYS	3.2
18	c6	89	LEU	3.2
40	l3	178	LEU	3.2
11	s9	67	PRO	3.2
16	C4	125	SER	3.2
2	S0	113	ARG	3.2
18	c6	118	ILE	3.2
22	d0	70	THR	3.2
40	l3	77	THR	3.2
28	D6	6	ALA	3.2
47	m0	195	ALA	3.2
1	2	1011	G	3.2
36	1	1525	G	3.2
2	s0	24	LEU	3.2
8	S6	147	LEU	3.2
9	S7	41	LEU	3.2
34	SR	91	LEU	3.2
8	S6	145	PHE	3.2
58	N2	108	TYR	3.2
18	c6	5	PRO	3.2
33	E1	88	PRO	3.2
10	S8	148	ALA	3.2
17	C5	39	ALA	3.2
7	s5	80	LYS	3.1
8	S6	174	LYS	3.1
36	1	1815	U	3.1
10	s8	177	GLY	3.1
13	c1	147	GLY	3.1
29	D7	33	LEU	3.1
33	e1	103	LEU	3.1
8	S6	50	PHE	3.1
45	l8	252	ASN	3.1
2	S0	161	PRO	3.1
17	C5	53	PRO	3.1
45	L8	127	PRO	3.1
1	2	490	C	3.1
1	2	697	C	3.1
1	2	1705	C	3.1
36	5	1192	C	3.1

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Mol	Chain	Res	Type	RSRZ
15	C3	62	GLN	3.1
18	C6	12	LYS	3.1
21	C9	50	ALA	3.1
41	L4	185	LYS	3.1
34	SR	96	THR	3.1
8	S6	77	LEU	3.1
14	C2	62	LEU	3.1
34	sR	141	LEU	3.1
60	N4	4	GLU	3.1
80	c0	84	GLU	3.1
36	1	3275	U	3.1
11	s9	127	VAL	3.1
14	C2	115	VAL	3.1
14	c2	120	VAL	3.1
27	d5	62	VAL	3.1
63	n7	13	VAL	3.1
2	S0	28	ASN	3.1
1	6	225	A	3.1
7	S5	54	LYS	3.1
3	S1	60	ALA	3.1
39	l2	250	GLN	3.1
1	2	700	C	3.1
35	SM	87	THR	3.1
36	5	1562	C	3.1
36	5	2507	C	3.1
71	O5	101	THR	3.1
39	L2	228	GLY	3.1
53	m7	66	SER	3.1
19	c7	9	VAL	3.1
24	D2	33	VAL	3.1
74	o8	11	PHE	3.1
1	2	493	U	3.1
1	6	1370	U	3.1
52	M6	42	ASN	3.1
67	O1	102	LYS	3.1
41	l4	187	LEU	3.1
36	1	1879	A	3.1
43	l6	67	GLY	3.1
28	D6	29	SER	3.1
1	6	1447	C	3.1
16	C4	13	VAL	3.1
17	c5	126	VAL	3.1

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Mol	Chain	Res	Type	RSRZ
19	c7	102	VAL	3.1
63	n7	74	VAL	3.1
39	L2	251	LYS	3.1
1	2	234	G	3.1
3	S1	32	ILE	3.1
6	S4	57	ASN	3.1
22	D0	121	ASN	3.1
9	S7	12	ALA	3.1
19	c7	56	HIS	3.1
19	c7	90	ALA	3.1
32	E0	2	ALA	3.1
19	C7	24	LEU	3.1
6	S4	4	GLY	3.1
31	d9	43	PHE	3.1
1	2	140	A	3.1
1	2	992	A	3.1
36	5	2971	A	3.1
51	m5	204	LYS	3.1
58	N2	77	LYS	3.1
60	n4	74	LYS	3.1
4	s2	85	PRO	3.1
6	S4	162	ILE	3.1
11	S9	2	PRO	3.1
80	c0	1	MET	3.1
21	C9	66	TYR	3.1
55	M9	78	TYR	3.1
36	1	3360	C	3.0
11	s9	142	ASN	3.0
41	l4	101	ALA	3.0
60	n4	128	ALA	3.0
68	O2	127	ALA	3.0
36	1	566	G	3.0
42	l5	56	THR	3.0
1	6	1390	U	3.0
36	5	1569	U	3.0
13	c1	43	LYS	3.0
60	n4	72	SER	3.0
18	c6	36	ILE	3.0
21	C9	31	PRO	3.0
34	SR	206	PRO	3.0
24	d2	9	ASP	3.0
6	S4	54	TYR	3.0

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Mol	Chain	Res	Type	RSRZ
11	s9	76	LEU	3.0
34	SR	32	LEU	3.0
50	M4	135	LEU	3.0
4	s2	87	GLN	3.0
11	S9	6	ARG	3.0
18	C6	70	THR	3.0
34	SR	72	THR	3.0
34	SR	156	VAL	3.0
40	L3	104	THR	3.0
41	l4	103	THR	3.0
58	n2	100	THR	3.0
77	q1	19	LYS	3.0
82	p0	105	VAL	3.0
11	s9	146	PHE	3.0
25	D3	107	PHE	3.0
3	S1	90	GLU	3.0
29	D7	75	GLU	3.0
40	L3	277	SER	3.0
5	s3	110	LEU	3.0
8	S6	75	LEU	3.0
10	S8	96	LEU	3.0
19	c7	103	ASP	3.0
22	D0	93	LEU	3.0
48	M1	167	TYR	3.0
49	M3	132	ALA	3.0
5	s3	178	ARG	3.0
78	q2	17	CYS	3.0
16	C4	75	GLY	3.0
25	D3	3	LYS	3.0
42	l5	57	ASN	3.0
60	n4	70	LYS	3.0
62	n6	26	GLN	3.0
72	O6	29	LYS	3.0
72	o6	25	LYS	3.0
2	S0	121	VAL	3.0
5	s3	41	VAL	3.0
14	c2	37	VAL	3.0
4	s2	90	THR	3.0
13	C1	3	THR	3.0
42	l5	55	PHE	3.0
80	c0	59	PHE	3.0
60	N4	92	GLU	3.0

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Mol	Chain	Res	Type	RSRZ
19	C7	107	SER	3.0
2	s0	110	TYR	3.0
9	s7	97	ARG	3.0
19	C7	3	ARG	3.0
34	SR	114	ASP	3.0
36	5	3275	U	3.0
3	S1	151	LYS	3.0
14	C2	50	LYS	3.0
19	C7	116	LYS	3.0
28	D6	13	LYS	3.0
33	e1	96	LYS	3.0
2	s0	82	GLY	3.0
22	D0	118	VAL	3.0
70	O4	7	PHE	3.0
31	D9	28	THR	3.0
32	E0	48	THR	3.0
9	s7	98	ILE	3.0
30	d8	13	ILE	3.0
34	SR	122	ILE	3.0
32	E0	49	LEU	3.0
45	L8	109	LEU	3.0
56	N0	128	GLU	3.0
1	2	1217	A	3.0
24	d2	117	ARG	3.0
7	S5	96	SER	3.0
22	d0	66	SER	3.0
33	e1	101	ALA	3.0
47	M0	221	ALA	3.0
52	m6	180	SER	3.0
60	n4	50	ALA	3.0
34	SR	62	LYS	3.0
37	7	73	C	3.0
2	s0	46	HIS	3.0
1	2	1414	U	3.0
36	1	1095	U	3.0
38	4	81	U	3.0
26	D4	96	LEU	2.9
33	e1	100	LEU	2.9
18	C6	125	GLU	2.9
60	N4	71	ARG	2.9
1	2	1690	G	2.9
8	S6	40	ALA	2.9

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Mol	Chain	Res	Type	RSRZ
32	e0	2	ALA	2.9
34	SR	162	ALA	2.9
18	c6	121	SER	2.9
70	O4	55	SER	2.9
36	1	1274	A	2.9
8	S6	67	VAL	2.9
16	c4	74	VAL	2.9
82	p0	184	GLY	2.9
70	o4	61	GLN	2.9
12	C0	1	MET	2.9
48	m1	65	ILE	2.9
6	S4	26	CYS	2.9
1	2	649	U	2.9
9	S7	99	LEU	2.9
14	c2	34	THR	2.9
17	C5	78	THR	2.9
19	c7	95	ARG	2.9
36	5	249	U	2.9
36	5	1763	U	2.9
54	M8	124	LEU	2.9
58	N2	94	ARG	2.9
58	n2	98	THR	2.9
3	S1	198	GLU	2.9
3	S1	206	PRO	2.9
4	S2	144	TRP	2.9
5	S3	141	LYS	2.9
11	S9	182	GLU	2.9
13	c1	69	LYS	2.9
24	d2	119	LYS	2.9
28	d6	4	LYS	2.9
45	l8	52	TRP	2.9
72	o6	29	LYS	2.9
45	L8	141	ALA	2.9
3	S1	155	TYR	2.9
3	S1	43	VAL	2.9
21	C9	117	SER	2.9
35	SM	85	SER	2.9
57	N1	126	VAL	2.9
16	C4	29	HIS	2.9
3	S1	157	GLN	2.9
19	C7	42	GLN	2.9
40	L3	317	ILE	2.9

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Mol	Chain	Res	Type	RSRZ
60	N4	32	GLN	2.9
1	2	1712	A	2.9
74	o8	69	LEU	2.9
2	S0	56	LYS	2.9
18	c6	140	LYS	2.9
25	D3	10	ASN	2.9
68	o2	16	LYS	2.9
1	6	1284	C	2.9
2	S0	65	ALA	2.9
3	S1	28	GLU	2.9
36	1	1280	C	2.9
36	5	1016	C	2.9
36	1	981	U	2.9
36	5	250	U	2.9
12	C0	64	TYR	2.9
18	c6	90	VAL	2.9
71	O5	100	VAL	2.9
80	c0	79	TYR	2.9
3	S1	93	GLY	2.9
13	C1	2	SER	2.9
19	C7	70	SER	2.9
33	E1	95	HIS	2.9
34	SR	61	PHE	2.9
73	o7	57	HIS	2.9
22	D0	20	ILE	2.9
34	SR	43	ILE	2.9
2	S0	182	LEU	2.9
14	C2	28	LEU	2.9
34	sR	202	LEU	2.9
35	SM	88	ARG	2.9
43	L6	154	LEU	2.9
71	o5	105	ARG	2.9
15	C3	109	LYS	2.9
18	C6	140	LYS	2.9
31	d9	54	LYS	2.9
34	sR	118	LYS	2.9
11	S9	61	THR	2.9
22	D0	67	THR	2.9
27	d5	99	ALA	2.9
30	D8	43	ASN	2.9
51	m5	85	THR	2.9
11	s9	2	PRO	2.9

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Mol	Chain	Res	Type	RSRZ
18	C6	5	PRO	2.9
18	C6	124	PRO	2.9
74	O8	28	ASN	2.9
1	2	829	A	2.9
77	Q1	5	TRP	2.9
2	S0	204	TYR	2.9
16	c4	98	GLY	2.9
31	D9	29	GLY	2.9
36	1	1820	U	2.9
51	m5	69	GLY	2.9
24	D2	3	ARG	2.9
11	S9	60	LEU	2.9
14	c2	29	LYS	2.9
20	c8	3	LEU	2.9
26	D4	118	ILE	2.9
34	SR	169	ILE	2.9
42	L5	27	LYS	2.9
62	n6	126	LEU	2.9
26	D4	107	GLN	2.9
80	c0	47	GLN	2.9
2	s0	206	ASP	2.9
11	s9	4	ALA	2.9
18	C6	3	ALA	2.9
21	C9	10	ALA	2.9
21	C9	39	THR	2.9
22	D0	60	THR	2.9
34	sR	30	PRO	2.9
68	O2	2	ALA	2.9
54	m8	145	ASN	2.9
2	S0	195	TRP	2.9
9	s7	90	VAL	2.9
48	M1	148	VAL	2.9
8	s6	50	PHE	2.9
15	c3	90	TYR	2.9
19	C7	11	ARG	2.9
26	D4	67	GLY	2.9
33	e1	106	TYR	2.9
21	C9	45	MET	2.9
33	E1	117	LEU	2.9
33	e1	82	LYS	2.9
33	e1	97	LYS	2.9
34	sR	67	ILE	2.9

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Mol	Chain	Res	Type	RSRZ
35	sM	84	LYS	2.9
40	l3	335	ILE	2.9
46	l9	118	LEU	2.9
1	2	1688	U	2.8
14	C2	141	SER	2.8
1	6	659	C	2.8
34	sR	69	GLN	2.8
36	1	1574	C	2.8
64	N8	65	GLN	2.8
15	C3	110	ASP	2.8
26	D4	135	ASP	2.8
9	S7	4	PRO	2.8
20	c8	138	THR	2.8
20	c8	141	THR	2.8
60	n4	83	THR	2.8
8	S6	139	ASN	2.8
19	C7	121	VAL	2.8
31	D9	6	VAL	2.8
67	O1	23	VAL	2.8
16	C4	136	ARG	2.8
49	M3	174	ARG	2.8
55	M9	170	ARG	2.8
8	S6	149	LYS	2.8
16	C4	129	LYS	2.8
20	C8	142	GLY	2.8
60	N4	29	PHE	2.8
77	q1	25	LYS	2.8
2	s0	122	ILE	2.8
3	S1	120	LEU	2.8
6	S4	261	LEU	2.8
1	2	492	A	2.8
14	c2	119	SER	2.8
2	s0	187	ALA	2.8
11	S9	4	ALA	2.8
1	6	240	U	2.8
1	6	320	U	2.8
27	d5	55	PRO	2.8
34	sR	206	PRO	2.8
22	D0	92	ASP	2.8
1	6	1156	C	2.8
2	S0	101	ARG	2.8
8	S6	41	VAL	2.8

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Mol	Chain	Res	Type	RSRZ
14	c2	31	VAL	2.8
31	D9	23	VAL	2.8
36	1	1192	C	2.8
40	l3	146	ARG	2.8
60	n4	47	ARG	2.8
62	n6	127	GLU	2.8
10	s8	17	LYS	2.8
22	d0	121	ASN	2.8
16	C4	130	GLY	2.8
18	C6	129	PHE	2.8
59	N3	5	GLY	2.8
80	c0	76	LEU	2.8
34	sR	250	TYR	2.8
78	Q2	11	TYR	2.8
29	D7	19	HIS	2.8
68	O2	26	HIS	2.8
55	M9	92	GLN	2.8
2	S0	137	SER	2.8
18	C6	134	ALA	2.8
45	L8	126	SER	2.8
60	N4	50	ALA	2.8
3	S1	66	VAL	2.8
4	s2	96	THR	2.8
16	C4	48	VAL	2.8
7	S5	181	GLU	2.8
18	c6	17	THR	2.8
22	D0	31	VAL	2.8
34	SR	94	VAL	2.8
39	L2	230	VAL	2.8
35	sM	49	LYS	2.8
51	m5	176	LYS	2.8
63	n7	21	LYS	2.8
36	1	3163	A	2.8
36	5	1566	A	2.8
10	s8	67	TRP	2.8
1	2	141	U	2.8
1	2	170	U	2.8
1	2	494	U	2.8
14	C2	32	LEU	2.8
14	c2	100	TRP	2.8
39	l2	186	PHE	2.8
40	L3	47	LEU	2.8

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Mol	Chain	Res	Type	RSRZ
19	c7	97	ASN	2.8
19	c7	98	GLY	2.8
51	M5	177	GLY	2.8
57	n1	2	GLY	2.8
1	2	696	C	2.8
1	2	716	C	2.8
1	2	913	G	2.8
1	6	239	C	2.8
45	L8	49	TYR	2.8
33	E1	152	ALA	2.8
47	M0	112	GLN	2.8
57	N1	121	ALA	2.8
62	N6	26	GLN	2.8
70	O4	32	ALA	2.8
9	s7	4	PRO	2.8
9	s7	20	VAL	2.8
11	S9	180	LYS	2.8
60	n4	115	LYS	2.8
63	n7	75	VAL	2.8
70	o4	79	SER	2.8
2	s0	192	THR	2.8
8	S6	71	THR	2.8
8	S6	212	LEU	2.8
13	c1	3	THR	2.8
62	N6	127	GLU	2.8
71	O5	102	GLU	2.8
8	S6	28	PHE	2.8
18	c6	138	PHE	2.8
41	L4	106	TRP	2.8
80	c0	26	ASP	2.8
3	S1	44	GLY	2.8
6	S4	74	GLY	2.8
28	D6	11	ASN	2.8
52	m6	182	ASN	2.8
1	2	106	U	2.8
1	2	1314	U	2.8
1	6	226	A	2.8
1	6	1600	A	2.8
1	2	491	C	2.8
23	d1	33	GLN	2.8
36	1	2507	C	2.8
1	6	214	G	2.8

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Mol	Chain	Res	Type	RSRZ
1	6	1267	G	2.8
33	E1	102	VAL	2.8
36	5	244	G	2.8
36	5	2503	G	2.8
9	s7	2	SER	2.8
7	s5	184	PHE	2.7
16	C4	83	ILE	2.8
20	c8	85	PHE	2.7
2	s0	190	ASP	2.7
45	l8	227	ASP	2.7
57	n1	6	GLY	2.7
59	N3	3	GLY	2.7
67	o1	22	GLY	2.7
18	C6	92	TYR	2.7
17	C5	79	HIS	2.7
13	c1	146	ALA	2.7
33	e1	99	LYS	2.7
47	m0	219	ALA	2.7
1	2	828	U	2.7
1	2	1691	A	2.7
1	6	675	U	2.7
11	S9	136	VAL	2.7
19	C7	105	GLN	2.7
21	C9	70	GLN	2.7
71	o5	104	GLN	2.7
11	s9	93	LEU	2.7
19	C7	46	LEU	2.7
19	c7	24	LEU	2.7
33	e1	117	LEU	2.7
2	S0	128	SER	2.7
27	D5	93	SER	2.7
33	e1	91	ILE	2.7
34	sR	44	SER	2.7
36	5	1238	C	2.7
36	5	1579	C	2.7
72	O6	79	SER	2.7
17	c5	135	THR	2.7
2	S0	174	TRP	2.7
14	C2	100	TRP	2.7
21	C9	87	GLY	2.7
1	2	723	G	2.7
1	2	1241	G	2.7

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Mol	Chain	Res	Type	RSRZ
33	E1	137	ASP	2.7
36	5	2549	G	2.7
48	M1	126	ASP	2.7
2	s0	127	ARG	2.7
35	SM	89	ARG	2.7
4	S2	84	LYS	2.7
24	D2	60	LYS	2.7
25	D3	123	LYS	2.7
30	D8	45	LYS	2.7
34	SR	117	LYS	2.7
51	M5	148	TYR	2.7
67	O1	26	LYS	2.7
68	o2	31	ASN	2.7
51	M5	100	ALA	2.7
22	D0	51	VAL	2.7
18	c6	44	LEU	2.7
62	N6	111	LEU	2.7
1	6	194	U	2.7
1	6	261	U	2.7
1	6	664	U	2.7
8	S6	113	ILE	2.7
11	s9	156	ILE	2.7
36	1	1555	U	2.7
36	5	981	U	2.7
51	m5	180	PHE	2.7
45	l8	107	GLU	2.7
54	M8	74	GLU	2.7
3	S1	63	GLY	2.7
36	1	398	A	2.7
58	N2	98	THR	2.7
62	n6	72	SER	2.7
77	Q1	10	THR	2.7
15	c3	114	ARG	2.7
35	SM	68	ARG	2.7
19	c7	116	LYS	2.7
42	l5	58	LYS	2.7
50	m4	8	LYS	2.7
8	s6	140	ASN	2.7
13	C1	146	ALA	2.7
14	C2	104	ALA	2.7
24	D2	70	ASN	2.7
31	d9	5	ASN	2.7

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Mol	Chain	Res	Type	RSRZ
42	L5	7	ALA	2.7
65	n9	53	ALA	2.7
7	S5	53	VAL	2.7
5	S3	142	LEU	2.7
16	C4	57	PRO	2.7
28	D6	20	PRO	2.7
24	d2	83	ILE	2.7
42	L5	148	ILE	2.7
4	S2	88	LYS	2.7
34	sR	117	LYS	2.7
1	2	1520	U	2.7
1	2	1626	U	2.7
1	2	506	A	2.7
2	S0	36	TYR	2.7
17	c5	133	ALA	2.7
21	C9	35	ASP	2.7
32	E0	35	TYR	2.7
63	n7	59	ALA	2.7
3	S1	47	LEU	2.7
3	S1	160	HIS	2.7
4	s2	240	LEU	2.7
14	C2	41	LEU	2.7
27	D5	62	VAL	2.7
30	D8	48	VAL	2.7
34	sR	252	LEU	2.7
41	L4	182	LEU	2.7
42	l5	236	LEU	2.7
45	l8	40	VAL	2.7
45	L8	240	ASN	2.7
29	D7	38	PRO	2.7
31	d9	38	ILE	2.7
34	SR	69	GLN	2.7
36	1	1017	C	2.7
36	1	3154	C	2.7
36	5	1581	C	2.7
38	4	84	C	2.7
15	C3	16	ILE	2.7
45	l8	237	ILE	2.7
8	S6	63	MET	2.7
32	E0	54	ARG	2.7
39	l2	247	ARG	2.7
52	m6	172	ARG	2.7

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Mol	Chain	Res	Type	RSRZ
70	O4	16	ARG	2.7
54	m8	2	GLY	2.7
58	n2	44	GLU	2.7
60	n4	69	LYS	2.7
71	o5	106	LYS	2.7
22	d0	104	THR	2.7
69	O3	72	THR	2.7
80	c0	50	THR	2.7
1	2	1201	G	2.7
1	6	834	G	2.7
34	SR	44	SER	2.7
34	SR	65	SER	2.7
8	S6	100	ALA	2.7
8	S6	172	ALA	2.7
17	c5	7	ALA	2.7
34	sR	204	ALA	2.7
1	2	1286	U	2.7
1	6	241	U	2.7
21	C9	80	TYR	2.7
23	D1	39	VAL	2.7
26	D4	70	VAL	2.7
36	5	1356	U	2.7
47	M0	200	LEU	2.7
63	N7	14	VAL	2.7
42	L5	59	ASP	2.7
1	6	1081	A	2.6
2	s0	199	PRO	2.6
9	s7	49	ILE	2.6
26	d4	106	GLN	2.6
36	1	2207	A	2.6
45	l8	36	ILE	2.6
74	O8	27	ILE	2.6
61	n5	88	MET	2.6
8	s6	177	ARG	2.6
26	D4	128	LYS	2.6
32	E0	36	LYS	2.6
1	6	654	C	2.6
14	c2	132	GLU	2.6
72	o6	78	GLY	2.6
7	S5	73	THR	2.6
7	S5	125	THR	2.6
39	L2	252	THR	2.6

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Mol	Chain	Res	Type	RSRZ
52	M6	184	THR	2.6
60	n4	133	THR	2.6
2	S0	14	ALA	2.6
7	S5	194	LEU	2.6
14	C2	116	VAL	2.6
22	D0	45	ALA	2.6
28	D6	18	VAL	2.6
28	D6	84	VAL	2.6
1	2	1486	G	2.6
21	C9	36	ILE	2.6
24	d2	41	MET	2.6
31	D9	8	PHE	2.6
31	d9	40	ARG	2.6
36	1	1242	G	2.6
45	l8	254	ASP	2.6
49	M3	98	ASP	2.6
2	S0	4	PRO	2.6
1	6	719	U	2.6
5	s3	148	LYS	2.6
7	s5	102	ARG	2.6
60	n4	73	ARG	2.6
67	o1	31	ARG	2.6
71	O5	48	ARG	2.6
22	D0	73	GLY	2.6
1	2	1065	A	2.6
1	6	1157	A	2.6
45	L8	118	GLU	2.6
54	m8	95	GLU	2.6
3	S1	37	THR	2.6
5	s3	42	THR	2.6
13	C1	72	THR	2.6
45	L8	194	THR	2.6
52	m6	184	THR	2.6
7	S5	154	ALA	2.6
41	l4	62	ALA	2.6
45	l8	117	ALA	2.6
10	s8	66	SER	2.6
36	5	1759	C	2.6
18	c6	49	TYR	2.6
4	s2	203	LYS	2.6
27	D5	50	ILE	2.6
34	sR	122	ILE	2.6

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Mol	Chain	Res	Type	RSRZ
45	L8	245	LYS	2.6
55	m9	21	LYS	2.6
70	o4	8	ARG	2.6
3	S1	100	PHE	2.6
5	s3	43	PRO	2.6
15	C3	113	PHE	2.6
21	C9	2	PRO	2.6
28	d6	2	PRO	2.6
12	C0	13	GLN	2.6
40	l3	140	ASP	2.6
12	C0	96	ASN	2.6
45	l8	192	GLN	2.6
16	C4	109	GLY	2.6
31	d9	29	GLY	2.6
39	l2	248	GLY	2.6
1	2	1710	U	2.6
36	1	2975	U	2.6
1	2	279	G	2.6
1	2	540	G	2.6
1	6	1268	G	2.6
36	1	2522	G	2.6
4	S2	240	LEU	2.6
2	s0	195	TRP	2.6
6	s4	105	VAL	2.6
7	s5	73	THR	2.6
10	S8	167	ALA	2.6
15	C3	61	THR	2.6
33	E1	100	LEU	2.6
16	C4	121	VAL	2.6
17	C5	101	ALA	2.6
26	D4	75	VAL	2.6
72	o6	2	THR	2.6
1	2	197	A	2.6
1	6	1371	A	2.6
1	6	1516	A	2.6
2	S0	185	ARG	2.6
4	s2	64	LYS	2.6
6	S4	22	LYS	2.6
8	S6	88	ARG	2.6
7	S5	172	ILE	2.6
10	S8	200	LYS	2.6
34	SR	90	ARG	2.6

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Mol	Chain	Res	Type	RSRZ
34	SR	102	ARG	2.6
35	sM	83	LYS	2.6
36	1	1859	A	2.6
36	1	2995	A	2.6
48	M1	140	ARG	2.6
11	S9	129	ILE	2.6
40	l3	363	SER	2.6
60	n4	63	ILE	2.6
17	c5	80	MET	2.6
33	e1	124	PRO	2.6
61	n5	32	PHE	2.6
1	2	233	C	2.6
1	2	848	C	2.6
1	6	658	C	2.6
8	S6	199	GLN	2.6
14	c2	131	ASP	2.6
19	c7	105	GLN	2.6
36	1	1255	C	2.6
36	1	3001	C	2.6
36	5	3154	C	2.6
35	SM	11	ASP	2.6
50	M4	119	GLN	2.6
19	C7	123	ASN	2.6
20	c8	19	ASN	2.6
53	M7	174	GLY	2.6
5	S3	69	LEU	2.6
8	S6	211	LEU	2.6
9	S7	126	LEU	2.6
17	c5	105	VAL	2.6
27	D5	40	VAL	2.6
1	2	1056	U	2.6
1	6	1398	U	2.6
1	6	1414	U	2.6
2	s0	41	ARG	2.6
3	S1	185	THR	2.6
5	S3	143	ARG	2.6
17	c5	134	THR	2.6
52	M6	185	ALA	2.6
55	M9	54	ALA	2.6
8	s6	143	LYS	2.6
22	D0	61	LYS	2.6
31	D9	7	TRP	2.6

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Mol	Chain	Res	Type	RSRZ
34	sR	46	LYS	2.6
36	1	1764	U	2.6
36	5	2505	U	2.6
72	o6	68	ARG	2.6
80	c0	44	LYS	2.6
7	S5	68	ILE	2.6
34	sR	123	ILE	2.6
74	O8	5	ILE	2.6
1	2	143	G	2.6
1	2	195	G	2.6
1	2	1594	G	2.6
1	6	720	G	2.6
1	6	1695	G	2.6
3	s1	30	PHE	2.6
18	C6	74	HIS	2.6
31	D9	27	HIS	2.6
33	E1	105	TYR	2.6
36	1	547	G	2.6
36	5	1262	G	2.6
17	C5	125	PRO	2.6
26	D4	30	PRO	2.6
45	l8	127	PRO	2.6
58	n2	97	SER	2.6
2	S0	33	GLN	2.6
36	1	1278	A	2.6
78	Q2	99	GLN	2.6
10	s8	80	GLY	2.6
12	C0	39	ASN	2.6
20	C8	23	ASP	2.6
45	L8	207	ASP	2.6
65	N9	6	ASN	2.6
9	S7	154	LEU	2.6
34	SR	73	LEU	2.6
1	6	1624	C	2.6
71	o5	27	GLU	2.6
3	S1	147	ALA	2.6
8	S6	164	LYS	2.6
24	D2	108	ALA	2.6
30	d8	63	ALA	2.6
39	l2	251	LYS	2.6
42	l5	27	LYS	2.6
45	l8	125	ALA	2.6

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Mol	Chain	Res	Type	RSRZ
74	O8	26	LYS	2.6
19	C7	6	THR	2.6
60	N4	51	TRP	2.5
70	O4	71	THR	2.6
2	S0	141	ILE	2.5
15	c3	16	ILE	2.5
2	S0	115	PHE	2.5
1	2	267	U	2.5
3	s1	153	HIS	2.5
51	M5	62	TYR	2.5
18	c6	2	SER	2.5
16	C4	12	GLN	2.5
27	d5	37	GLN	2.5
45	L8	123	GLN	2.5
70	O4	61	GLN	2.5
8	S6	216	LEU	2.5
14	c2	59	LEU	2.5
40	L3	387	LEU	2.5
61	n5	34	LEU	2.5
63	N7	42	LEU	2.5
1	2	235	G	2.5
1	6	1047	G	2.5
2	s0	185	ARG	2.5
3	S1	89	ASP	2.5
3	S1	199	ASN	2.5
7	S5	41	LYS	2.5
11	s9	132	ARG	2.5
1	2	1371	A	2.5
1	6	1694	A	2.5
3	S1	123	ALA	2.5
10	S8	28	GLU	2.5
14	c2	56	GLU	2.5
15	c3	7	ALA	2.5
16	C4	37	GLU	2.5
17	c5	9	LYS	2.5
21	C9	43	ASN	2.5
39	L2	161	ASP	2.5
49	M3	129	ASN	2.5
52	M6	182	ASN	2.5
74	O8	55	VAL	2.5
76	Q0	106	ARG	2.5
17	C5	74	ALA	2.5

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Mol	Chain	Res	Type	RSRZ
20	C8	146	ALA	2.5
2	S0	22	THR	2.5
16	C4	39	ILE	2.5
22	D0	86	ILE	2.5
45	L8	74	THR	2.5
46	L9	10	ILE	2.5
60	n4	82	ILE	2.5
1	6	674	C	2.5
1	6	741	C	2.5
38	8	84	C	2.5
3	S1	153	HIS	2.5
28	D6	2	PRO	2.5
32	e0	30	PRO	2.5
33	e1	93	HIS	2.5
80	c0	64	TYR	2.5
3	S1	130	SER	2.5
1	6	665	U	2.5
1	6	705	U	2.5
1	6	1657	U	2.5
3	S1	226	GLY	2.5
14	c2	88	LEU	2.5
16	C4	65	GLN	2.5
19	c7	117	LEU	2.5
45	L8	47	SER	2.5
60	N4	62	GLY	2.5
60	N4	86	SER	2.5
4	S2	116	LYS	2.5
8	S6	194	LYS	2.5
21	c9	86	ARG	2.5
25	D3	114	LYS	2.5
40	l3	240	ARG	2.5
43	l6	128	LYS	2.5
2	S0	123	VAL	2.5
18	c6	39	VAL	2.5
27	d5	64	VAL	2.5
4	S2	92	ALA	2.5
10	S8	89	GLU	2.5
21	c9	43	ASN	2.5
23	d1	42	GLU	2.5
24	D2	55	ASP	2.5
24	d2	114	GLU	2.5
28	d6	81	ALA	2.5

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Mol	Chain	Res	Type	RSRZ
45	l8	113	ALA	2.5
53	M7	2	ALA	2.5
53	M7	57	ALA	2.5
53	M7	177	ALA	2.5
5	s3	217	ILE	2.5
6	s4	64	ILE	2.5
2	S0	124	THR	2.5
9	S7	119	THR	2.5
34	SR	92	TRP	2.5
58	N2	100	THR	2.5
25	d3	122	PHE	2.5
1	2	359	A	2.5
1	2	847	A	2.5
1	6	1329	A	2.5
36	1	1259	A	2.5
36	1	1571	A	2.5
36	5	1093	A	2.5
1	6	1201	G	2.5
36	5	171	G	2.5
34	SR	66	HIS	2.5
42	l5	86	TYR	2.5
52	M6	135	TYR	2.5
80	c0	66	TYR	2.5
8	S6	193	LEU	2.5
1	2	573	C	2.5
1	2	1215	C	2.5
1	2	1373	C	2.5
3	S1	55	LYS	2.5
3	S1	181	LEU	2.5
19	C7	95	ARG	2.5
20	C8	101	LEU	2.5
25	D3	4	GLY	2.5
26	D4	61	ARG	2.5
40	L3	178	LEU	2.5
51	m5	179	LYS	2.5
60	n4	110	LYS	2.5
61	N5	24	LEU	2.5
72	o6	30	LYS	2.5
78	q2	13	LYS	2.5
5	S3	206	VAL	2.5
22	d0	114	VAL	2.5
54	M8	186	VAL	2.5

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Mol	Chain	Res	Type	RSRZ
1	2	721	U	2.5
36	1	1568	U	2.5
6	S4	45	ILE	2.5
7	S5	130	ILE	2.5
39	l2	238	ILE	2.5
46	l9	107	ASP	2.5
62	N6	112	ASP	2.5
64	N8	76	ASP	2.5
65	n9	26	THR	2.5
74	o8	72	THR	2.5
2	S0	146	LEU	2.5
11	S9	138	LYS	2.5
14	C2	88	LEU	2.5
20	C8	55	HIS	2.5
20	c8	32	LEU	2.5
31	d9	34	TYR	2.5
33	E1	96	LYS	2.5
60	N4	93	ARG	2.5
68	o2	54	LYS	2.5
17	c5	91	GLY	2.5
2	s0	47	VAL	2.5
4	s2	89	GLN	2.5
8	S6	112	VAL	2.5
9	S7	170	GLN	2.5
9	s7	108	GLN	2.5
14	C2	31	VAL	2.5
16	C4	118	VAL	2.5
53	M7	157	VAL	2.5
1	2	720	G	2.5
1	2	1199	G	2.5
1	2	1297	G	2.5
1	2	1697	G	2.5
28	d6	29	SER	2.5
31	D9	25	SER	2.5
36	5	3158	G	2.5
60	n4	68	ALA	2.5
68	o2	127	ALA	2.5
72	O6	27	SER	2.5
5	S3	208	ILE	2.5
1	2	361	C	2.5
1	2	1082	C	2.5
1	2	1591	C	2.5

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Mol	Chain	Res	Type	RSRZ
1	2	1599	C	2.5
1	6	38	C	2.5
1	6	1209	C	2.5
11	S9	64	GLU	2.5
16	C4	19	ILE	2.5
36	1	1563	C	2.5
60	n4	66	GLU	2.5
2	s0	107	PHE	2.5
6	s4	79	ASP	2.5
16	C4	66	ASP	2.5
1	6	667	U	2.5
19	C7	8	THR	2.5
19	c7	54	THR	2.5
22	d0	60	THR	2.5
36	5	2996	U	2.5
6	S4	127	LYS	2.5
9	S7	101	LYS	2.5
13	c1	29	LYS	2.5
53	M7	159	LYS	2.5
2	S0	57	LEU	2.5
2	s0	4	PRO	2.5
11	S9	70	LEU	2.5
18	c6	124	PRO	2.5
20	C8	3	LEU	2.5
29	d7	21	LEU	2.5
46	l9	191	LEU	2.5
75	O9	46	ARG	2.5
80	c0	49	LEU	2.5
80	c0	83	PRO	2.5
42	l5	272	TYR	2.5
51	m5	62	TYR	2.5
7	s5	151	GLY	2.5
11	S9	32	GLY	2.5
19	C7	98	GLY	2.5
78	q2	49	GLY	2.5
13	c1	142	VAL	2.5
22	d0	100	VAL	2.5
24	D2	6	VAL	2.5
67	O1	108	VAL	2.5
7	s5	127	GLN	2.5
8	s6	176	GLN	2.5
41	L4	304	GLN	2.5

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Mol	Chain	Res	Type	RSRZ
51	m5	23	GLN	2.5
80	c0	62	GLN	2.5
2	s0	5	ALA	2.4
24	d2	108	ALA	2.4
18	C6	141	SER	2.4
19	C7	69	ILE	2.4
31	D9	31	ILE	2.4
34	sR	205	SER	2.4
61	n5	29	SER	2.4
1	2	105	A	2.4
1	2	265	A	2.4
1	2	1287	A	2.4
1	2	1592	A	2.4
13	c1	101	GLU	2.4
36	1	3362	A	2.4
12	C0	27	PHE	2.4
16	C4	23	PHE	2.4
48	M1	96	PHE	2.4
74	o8	43	PHE	2.4
39	L2	196	TRP	2.4
48	M1	143	ARG	2.4
60	N4	47	ARG	2.4
60	N4	94	ARG	2.4
2	S0	176	LEU	2.4
2	S0	184	LEU	2.4
3	s1	73	LEU	2.4
14	C2	67	THR	2.4
14	c2	49	THR	2.4
14	c2	97	LEU	2.4
16	C4	43	THR	2.4
18	C6	9	THR	2.4
68	o2	23	ASP	2.4
36	1	1573	G	2.4
36	5	176	G	2.4
36	5	1201	C	2.4
36	5	1354	G	2.4
45	L8	189	LEU	2.4
1	2	66	U	2.4
1	6	229	U	2.4
2	s0	204	TYR	2.4
8	s6	169	TYR	2.4
25	d3	18	HIS	2.4

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Mol	Chain	Res	Type	RSRZ
36	1	1572	U	2.4
36	1	2205	U	2.4
36	5	1028	U	2.4
11	S9	141	VAL	2.4
39	L2	201	GLY	2.4
55	M9	51	VAL	2.4
60	n4	67	VAL	2.4
67	O1	107	VAL	2.4
66	O0	95	ALA	2.4
70	o4	2	ALA	2.4
8	S6	101	ILE	2.4
63	N7	72	ILE	2.4
20	C8	73	MET	2.4
2	S0	106	SER	2.4
11	s9	46	SER	2.4
24	d2	58	SER	2.4
45	L8	89	GLU	2.4
13	c1	115	PHE	2.4
33	E1	92	LYS	2.4
51	m5	59	PHE	2.4
8	S6	87	ARG	2.4
53	M7	163	LYS	2.4
61	N5	25	LYS	2.4
2	s0	17	LEU	2.4
16	C4	33	LEU	2.4
16	C4	105	LEU	2.4
30	D8	54	LEU	2.4
42	L5	92	LEU	2.4
55	M9	89	LEU	2.4
62	n6	98	ASN	2.4
1	2	844	A	2.4
38	8	79	A	2.4
39	L2	208	ASP	2.4
7	s5	129	PRO	2.4
2	S0	73	VAL	2.4
3	S1	65	VAL	2.4
13	c1	139	VAL	2.4
26	D4	24	VAL	2.4
35	sM	67	GLY	2.4
51	m5	58	GLY	2.4
73	o7	9	GLY	2.4
4	S2	47	ALA	2.4

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Mol	Chain	Res	Type	RSRZ
7	S5	78	ALA	2.4
1	2	1657	U	2.4
7	S5	187	ILE	2.4
9	S7	42	GLN	2.4
14	c2	89	ILE	2.4
15	C3	66	ILE	2.4
34	SR	253	ALA	2.4
35	sM	60	ALA	2.4
36	1	1279	C	2.4
36	5	1017	C	2.4
36	5	2772	C	2.4
36	1	1786	G	2.4
15	C3	4	MET	2.4
32	e0	56	MET	2.4
14	c2	33	ARG	2.4
26	d4	8	ARG	2.4
34	SR	137	LYS	2.4
51	m5	184	LYS	2.4
66	o0	32	LYS	2.4
71	O5	8	GLU	2.4
35	sM	28	SER	2.4
8	s6	111	LEU	2.4
27	D5	75	LEU	2.4
32	e0	49	LEU	2.4
80	c0	40	LEU	2.4
2	S0	192	THR	2.4
20	C8	84	TRP	2.4
9	S7	13	PRO	2.4
9	S7	105	THR	2.4
11	S9	5	PRO	2.4
25	D3	6	PRO	2.4
70	o4	71	THR	2.4
74	o8	24	THR	2.4
5	S3	41	VAL	2.4
16	C4	124	ASP	2.4
58	N2	27	VAL	2.4
28	D6	9	GLY	2.4
33	e1	105	TYR	2.4
45	L8	119	GLY	2.4
80	c0	41	TYR	2.4
80	c0	75	TYR	2.4
1	2	80	A	2.4

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Mol	Chain	Res	Type	RSRZ
9	S7	8	ILE	2.4
13	C1	38	ALA	2.4
19	C7	12	ALA	2.4
19	c7	69	ILE	2.4
19	c7	122	ILE	2.4
24	D2	53	ILE	2.4
34	sR	115	ILE	2.4
70	o4	32	ALA	2.4
36	1	1093	A	2.4
12	C0	3	MET	2.4
17	c5	111	MET	2.4
31	d9	20	GLN	2.4
32	E0	29	LYS	2.4
47	M0	202	LYS	2.4
60	n4	79	GLN	2.4
6	S4	11	ARG	2.4
60	n4	129	LYS	2.4
61	n5	100	LYS	2.4
73	O7	10	LYS	2.4
53	M7	90	PHE	2.4
1	2	717	C	2.4
1	2	1156	C	2.4
1	2	1518	C	2.4
1	6	1426	C	2.4
5	s3	21	LEU	2.4
15	c3	125	LEU	2.4
27	D5	51	LEU	2.4
36	5	1821	U	2.4
37	7	90	U	2.4
60	N4	66	GLU	2.4
68	O2	126	LEU	2.4
16	C4	56	SER	2.4
33	E1	146	SER	2.4
34	SR	120	SER	2.4
1	2	722	G	2.4
1	2	1008	G	2.4
1	6	810	G	2.4
36	5	1576	G	2.4
36	5	2972	G	2.4
10	S8	67	TRP	2.4
2	s0	189	VAL	2.4
4	s2	63	VAL	2.4

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Mol	Chain	Res	Type	RSRZ
4	s2	86	VAL	2.4
14	c2	63	VAL	2.4
19	C7	86	PRO	2.4
34	sR	19	TRP	2.4
19	C7	106	THR	2.4
21	C9	114	VAL	2.4
34	SR	6	VAL	2.4
34	SR	99	THR	2.4
45	L8	99	PRO	2.4
61	n5	110	VAL	2.4
70	O4	68	THR	2.4
74	o8	53	THR	2.4
2	s0	186	GLY	2.4
7	s5	95	ASN	2.4
21	c9	93	HIS	2.4
5	S3	87	TYR	2.4
6	S4	202	ASP	2.4
7	S5	199	ILE	2.4
26	d4	126	ALA	2.4
27	D5	41	ILE	2.4
39	l2	15	ILE	2.4
41	L4	74	ILE	2.4
45	l8	114	ALA	2.4
72	o6	26	ILE	2.4
73	O7	88	ALA	2.4
76	q0	77	ILE	2.4
33	e1	89	LYS	2.4
82	p0	81	LYS	2.4
2	s0	27	ARG	2.4
18	c6	123	ARG	2.4
26	d4	61	ARG	2.4
34	SR	121	MET	2.4
48	M1	125	MET	2.4
3	S1	146	GLN	2.4
8	S6	65	GLN	2.4
47	m0	133	GLN	2.4
56	N0	138	GLN	2.4
8	S6	27	PHE	2.4
2	S0	188	LEU	2.4
12	C0	2	LEU	2.4
20	C8	17	LEU	2.4
26	D4	125	LEU	2.4

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Mol	Chain	Res	Type	RSRZ
30	D8	16	LEU	2.4
39	L2	71	LEU	2.4
1	2	707	A	2.4
1	2	1526	A	2.4
1	2	1543	A	2.4
8	S6	222	GLU	2.4
60	N4	38	SER	2.4
72	o6	27	SER	2.4
1	2	132	U	2.4
1	2	134	U	2.4
3	S1	23	PRO	2.4
3	S1	29	TRP	2.4
3	S1	225	VAL	2.4
4	S2	111	VAL	2.4
7	s5	164	PRO	2.4
9	S7	62	VAL	2.4
10	s8	179	CYS	2.4
18	C6	126	PRO	2.4
18	c6	31	VAL	2.4
25	D3	42	PRO	2.4
38	4	158	U	2.4
45	L8	40	VAL	2.4
55	M9	94	VAL	2.4
80	c0	61	TRP	2.4
7	S5	151	GLY	2.3
14	C2	130	THR	2.3
14	c2	102	GLY	2.3
17	c5	50	THR	2.3
27	D5	105	THR	2.3
34	SR	12	THR	2.3
42	l5	295	GLY	2.3
73	O7	59	THR	2.3
2	S0	170	ILE	2.3
3	S1	182	ALA	2.3
8	s6	80	ASN	2.3
10	S8	23	LYS	2.3
13	c1	32	LYS	2.3
4	S2	95	ARG	2.3
7	S5	61	TYR	2.3
16	C4	17	ALA	2.3
16	C4	76	ILE	2.3
21	C9	62	ALA	2.3

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Mol	Chain	Res	Type	RSRZ
21	c9	64	HIS	2.3
25	D3	27	ASN	2.3
26	d4	34	ASN	2.3
27	d5	50	ILE	2.3
33	E1	151	ASN	2.3
33	e1	123	ASN	2.3
41	l4	104	LYS	2.3
63	N7	52	LYS	2.3
69	O3	91	ALA	2.3
70	O4	24	LYS	2.3
42	L5	213	ASP	2.3
45	L8	44	ARG	2.3
54	m8	180	ARG	2.3
1	2	730	G	2.3
1	2	1523	G	2.3
36	1	568	G	2.3
36	1	3290	G	2.3
3	s1	217	LEU	2.3
5	S3	72	LEU	2.3
6	S4	259	GLN	2.3
6	s4	261	LEU	2.3
9	S7	183	PHE	2.3
10	s8	20	GLN	2.3
12	C0	62	GLN	2.3
23	D1	55	LEU	2.3
51	M5	199	LEU	2.3
80	c0	15	LEU	2.3
18	C6	19	VAL	2.3
26	d4	25	VAL	2.3
45	L8	116	VAL	2.3
1	6	506	A	2.3
13	c1	143	SER	2.3
19	C7	96	SER	2.3
24	D2	109	GLY	2.3
28	D6	12	LYS	2.3
33	e1	116	LYS	2.3
34	SR	15	GLY	2.3
36	1	621	A	2.3
42	l5	220	SER	2.3
59	N3	84	SER	2.3
4	S2	96	THR	2.3
4	s2	223	GLY	2.3

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Mol	Chain	Res	Type	RSRZ
6	S4	78	THR	2.3
8	S6	79	LYS	2.3
6	S4	254	ARG	2.3
8	S6	134	GLY	2.3
9	S7	181	ILE	2.3
9	s7	105	THR	2.3
14	C2	72	ILE	2.3
14	C2	136	ILE	2.3
14	c2	67	THR	2.3
44	l7	238	LYS	2.3
51	M5	52	GLY	2.3
52	m6	66	LYS	2.3
53	m7	79	THR	2.3
54	M8	182	LYS	2.3
60	N4	69	LYS	2.3
63	N7	55	LYS	2.3
14	c2	118	ALA	2.3
16	C4	78	ALA	2.3
16	C4	112	ILE	2.3
20	c8	92	ILE	2.3
28	d6	44	ILE	2.3
34	SR	212	ALA	2.3
34	SR	220	ILE	2.3
49	M3	87	ALA	2.3
51	m5	146	ALA	2.3
55	M9	50	ILE	2.3
63	n7	86	THR	2.3
64	n8	149	ALA	2.3
70	o4	50	ALA	2.3
11	S9	38	ASN	2.3
60	n4	1	MET	2.3
63	n7	18	TYR	2.3
16	c4	124	ASP	2.3
34	SR	34	LEU	2.3
36	1	1196	C	2.3
36	5	1574	C	2.3
67	o1	6	ASP	2.3
6	S4	23	LEU	2.3
7	s5	165	LEU	2.3
48	M1	17	LEU	2.3
67	o1	16	LEU	2.3
78	q2	35	LEU	2.3

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Mol	Chain	Res	Type	RSRZ
82	p0	197	PHE	2.3
15	c3	86	GLU	2.3
52	M6	166	GLU	2.3
1	2	1243	G	2.3
1	2	1616	G	2.3
1	6	1270	G	2.3
1	6	1699	G	2.3
2	S0	47	VAL	2.3
2	s0	158	VAL	2.3
3	S1	114	VAL	2.3
7	s5	62	VAL	2.3
8	S6	9	VAL	2.3
19	c7	110	VAL	2.3
33	E1	147	VAL	2.3
34	sR	167	VAL	2.3
36	1	2311	G	2.3
36	5	1561	G	2.3
70	O4	105	VAL	2.3
6	S4	3	ARG	2.3
8	S6	177	ARG	2.3
68	O2	24	ARG	2.3
6	s4	90	ILE	2.3
8	S6	55	GLY	2.3
11	S9	140	ILE	2.3
25	D3	119	GLY	2.3
34	sR	170	ILE	2.3
39	l2	225	ILE	2.3
40	l3	245	GLY	2.3
45	l8	121	SER	2.3
48	M1	100	GLY	2.3
63	n7	72	ILE	2.3
2	S0	93	THR	2.3
3	s1	147	ALA	2.3
8	s6	128	THR	2.3
15	C3	67	THR	2.3
26	d4	134	ALA	2.3
34	SR	296	ALA	2.3
40	l3	179	ALA	2.3
10	s8	116	HIS	2.3
15	C3	5	HIS	2.3
33	E1	93	HIS	2.3
80	c0	3	MET	2.3

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Mol	Chain	Res	Type	RSRZ
19	C7	84	TYR	2.3
42	L5	207	TYR	2.3
2	S0	17	LEU	2.3
2	s0	49	ASN	2.3
3	S1	135	LEU	2.3
4	S2	134	LEU	2.3
19	C7	16	LEU	2.3
22	D0	58	LEU	2.3
27	D5	69	LEU	2.3
47	M0	209	ASN	2.3
63	N7	51	LEU	2.3
80	c0	46	LEU	2.3
1	2	538	A	2.3
1	6	1702	A	2.3
3	S1	30	PHE	2.3
36	1	1270	A	2.3
34	sR	266	ASP	2.3
52	m6	56	ASP	2.3
1	2	504	U	2.3
1	2	1362	U	2.3
1	6	501	U	2.3
36	1	2506	U	2.3
70	O4	3	GLN	2.3
31	d9	4	GLU	2.3
42	l5	268	GLU	2.3
53	M7	162	GLU	2.3
1	2	1205	C	2.3
8	s6	187	LYS	2.3
10	S8	17	LYS	2.3
22	D0	117	VAL	2.3
22	d0	118	VAL	2.3
25	d3	31	LYS	2.3
28	d6	18	VAL	2.3
34	sR	154	VAL	2.3
36	1	1277	C	2.3
36	5	893	C	2.3
51	M5	60	VAL	2.3
55	M9	93	VAL	2.3
60	N4	91	LYS	2.3
8	S6	85	ARG	2.3
18	C6	137	ARG	2.3
51	m5	188	ARG	2.3

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Mol	Chain	Res	Type	RSRZ
63	n7	17	ARG	2.3
71	O5	105	ARG	2.3
77	q1	18	ARG	2.3
9	S7	91	ILE	2.3
14	C2	89	ILE	2.3
15	c3	66	ILE	2.3
22	D0	24	ILE	2.3
31	D9	50	ILE	2.3
61	n5	63	ILE	2.3
63	N7	50	PRO	2.3
51	m5	2	GLY	2.3
14	c2	128	ALA	2.3
34	sR	119	ALA	2.3
53	M7	178	ALA	2.3
5	s3	172	THR	2.3
8	S6	12	SER	2.3
24	D2	107	SER	2.3
59	n3	133	SER	2.3
72	O6	2	THR	2.3
80	c0	57	THR	2.3
3	S1	217	LEU	2.3
17	c5	36	LEU	2.3
20	C8	137	HIS	2.3
34	SR	9	LEU	2.3
62	n6	35	LEU	2.3
1	2	872	G	2.3
1	2	875	G	2.3
1	2	957	G	2.3
1	6	1051	G	2.3
1	6	1330	G	2.3
11	S9	95	TYR	2.3
20	C8	42	TYR	2.3
36	5	236	G	2.3
40	L3	118	PHE	2.3
47	M0	213	PHE	2.3
70	o4	7	PHE	2.3
7	S5	100	ASN	2.3
7	S5	104	ASN	2.3
50	M4	47	ASP	2.3
28	D6	19	LYS	2.3
34	SR	118	LYS	2.3
55	M9	80	LYS	2.3

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Mol	Chain	Res	Type	RSRZ
1	2	929	A	2.3
2	s0	123	VAL	2.3
8	S6	219	ARG	2.3
11	s9	179	ARG	2.3
17	C5	105	VAL	2.3
22	D0	56	VAL	2.3
39	l2	168	VAL	2.3
59	N3	135	VAL	2.3
1	2	380	U	2.3
1	6	699	U	2.3
36	1	979	U	2.3
36	1	1569	U	2.3
36	5	83	U	2.3
36	5	1555	U	2.3
8	S6	173	PRO	2.3
27	D5	89	ILE	2.3
3	S1	178	GLY	2.3
8	S6	224	ALA	2.3
10	S8	147	ALA	2.3
10	s8	198	ALA	2.3
25	D3	35	GLY	2.3
26	D4	33	ALA	2.3
49	m3	60	ALA	2.3
1	6	489	C	2.3
36	5	1563	C	2.3
36	5	1631	C	2.3
2	S0	53	THR	2.3
17	c5	112	LEU	2.3
15	c3	5	HIS	2.3
34	SR	41	THR	2.3
70	O4	34	HIS	2.3
70	o4	68	THR	2.3
2	S0	7	PHE	2.3
2	S0	38	PHE	2.3
3	S1	205	PHE	2.3
8	S6	16	PHE	2.3
11	S9	104	PHE	2.3
17	c5	138	PHE	2.3
34	SR	295	SER	2.3
46	L9	22	SER	2.3
54	M8	181	SER	2.3
45	l8	49	TYR	2.3

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Mol	Chain	Res	Type	RSRZ
61	n5	60	TYR	2.3
62	n6	78	PHE	2.3
2	S0	39	ASN	2.3
2	s0	162	CYS	2.3
6	s4	7	LYS	2.3
9	S7	5	GLN	2.3
18	C6	13	LYS	2.3
18	c6	83	GLN	2.3
19	C7	14	LYS	2.3
44	l7	121	LYS	2.3
48	M1	49	LYS	2.3
16	C4	84	ARG	2.3
60	N4	80	ARG	2.3
14	c2	116	VAL	2.3
22	D0	62	VAL	2.3
23	d1	82	VAL	2.3
8	S6	161	GLU	2.2
52	M6	40	GLU	2.2
36	5	170	G	2.2
2	S0	76	ILE	2.2
22	d0	65	ILE	2.2
75	O9	27	ILE	2.2
2	s0	161	PRO	2.2
6	S4	260	GLY	2.2
14	c2	27	ALA	2.2
22	D0	75	GLY	2.2
26	D4	134	ALA	2.2
28	d6	14	GLY	2.2
29	D7	68	GLY	2.2
31	d9	17	GLY	2.2
34	sR	214	ALA	2.2
53	M7	156	ALA	2.2
57	n1	44	ALA	2.2
63	n7	124	ALA	2.2
65	N9	56	ALA	2.2
67	O1	45	GLY	2.2
70	O4	63	ALA	2.2
70	O4	78	GLY	2.2
1	2	678	A	2.2
1	6	260	U	2.2
1	6	493	U	2.2
1	6	684	A	2.2

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Mol	Chain	Res	Type	RSRZ
1	6	1060	U	2.2
1	6	1397	U	2.2
2	S0	120	LEU	2.2
6	S4	44	LEU	2.2
9	S7	118	LEU	2.2
38	8	158	U	2.2
51	M5	116	LEU	2.2
63	N7	80	LEU	2.2
2	S0	96	THR	2.2
11	s9	130	THR	2.2
16	C4	86	THR	2.2
17	c5	56	PHE	2.2
33	E1	87	THR	2.2
75	O9	34	THR	2.2
3	s1	151	LYS	2.2
11	S9	16	LYS	2.2
11	s9	51	LYS	2.2
22	D0	30	LYS	2.2
31	D9	9	SER	2.2
31	d9	14	TYR	2.2
45	L8	216	SER	2.2
59	n3	2	SER	2.2
68	O2	62	LYS	2.2
1	2	736	C	2.2
1	2	874	C	2.2
14	c2	43	ARG	2.2
28	D6	15	ARG	2.2
32	e0	33	ARG	2.2
36	1	1951	C	2.2
45	L8	48	ARG	2.2
3	S1	127	VAL	2.2
20	c8	136	GLN	2.2
26	d4	113	ASN	2.2
40	L3	78	VAL	2.2
2	S0	72	ASP	2.2
18	C6	120	ASP	2.2
50	m4	37	GLU	2.2
14	c2	136	ILE	2.2
24	D2	75	ILE	2.2
27	d5	89	ILE	2.2
58	N2	38	ILE	2.2
72	o6	9	ILE	2.2

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Mol	Chain	Res	Type	RSRZ
5	S3	220	PRO	2.2
6	s4	9	LEU	2.2
8	S6	69	LEU	2.2
9	s7	16	LEU	2.2
18	C6	18	ALA	2.2
20	C8	18	LEU	2.2
22	D0	111	GLY	2.2
26	d4	4	ALA	2.2
27	d5	104	ALA	2.2
30	d8	16	LEU	2.2
31	D9	17	GLY	2.2
34	SR	119	ALA	2.2
42	l5	7	ALA	2.2
50	M4	9	ALA	2.2
55	M9	168	ALA	2.2
60	N4	39	LEU	2.2
71	o5	87	ALA	2.2
76	Q0	107	ALA	2.2
18	c6	46	PHE	2.2
26	d4	9	THR	2.2
34	SR	283	LYS	2.2
45	l8	222	PHE	2.2
60	N4	70	LYS	2.2
72	o6	80	PHE	2.2
78	Q2	36	PHE	2.2
1	2	712	G	2.2
1	2	1418	G	2.2
3	S1	119	THR	2.2
8	S6	189	HIS	2.2
10	S8	116	HIS	2.2
36	1	1577	G	2.2
60	n4	64	THR	2.2
64	N8	28	HIS	2.2
1	2	1795	U	2.2
1	6	1585	U	2.2
8	S6	137	ARG	2.2
18	C6	68	ARG	2.2
18	c6	143	ARG	2.2
19	C7	67	ARG	2.2
22	D0	90	TYR	2.2
36	1	1094	U	2.2
36	5	492	U	2.2

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Mol	Chain	Res	Type	RSRZ
36	5	3079	U	2.2
36	5	3319	U	2.2
40	L3	146	ARG	2.2
75	O9	45	ARG	2.2
1	2	41	A	2.2
1	2	169	A	2.2
1	2	733	A	2.2
1	2	1202	A	2.2
1	6	793	A	2.2
1	6	1693	A	2.2
10	S8	7	SER	2.2
36	5	1025	A	2.2
36	5	1036	A	2.2
36	5	1278	A	2.2
51	m5	171	SER	2.2
14	c2	60	VAL	2.2
30	D8	25	VAL	2.2
52	M6	3	VAL	2.2
51	M5	34	ASN	2.2
21	C9	116	ILE	2.2
1	6	731	C	2.2
2	S0	9	LEU	2.2
2	S0	35	PRO	2.2
3	S1	54	LEU	2.2
3	S1	141	ALA	2.2
4	s2	61	LEU	2.2
7	s5	145	ASP	2.2
11	s9	5	PRO	2.2
14	c2	28	LEU	2.2
14	c2	98	GLY	2.2
18	C6	44	LEU	2.2
19	C7	115	LEU	2.2
21	C9	95	ASP	2.2
36	1	439	C	2.2
36	1	1562	C	2.2
37	3	73	C	2.2
46	l9	190	ASP	2.2
20	c8	76	PRO	2.2
21	C9	118	PRO	2.2
22	D0	110	PRO	2.2
29	D7	53	ALA	2.2
33	E1	124	PRO	2.2

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Mol	Chain	Res	Type	RSRZ
45	l8	99	PRO	2.2
57	N1	2	GLY	2.2
61	N5	113	LEU	2.2
64	N8	149	ALA	2.2
65	N9	30	PRO	2.2
80	c0	23	ALA	2.2
8	S6	187	LYS	2.2
11	S9	10	LYS	2.2
28	D6	70	LYS	2.2
33	e1	143	LYS	2.2
34	SR	87	LYS	2.2
67	O1	27	LYS	2.2
73	o7	85	LYS	2.2
78	q2	78	LYS	2.2
10	S8	27	PHE	2.2
22	d0	79	TRP	2.2
48	M1	127	PHE	2.2
6	S4	252	ARG	2.2
48	M1	51	ARG	2.2
69	o3	60	ARG	2.2
11	S9	7	THR	2.2
13	C1	31	THR	2.2
18	c6	21	HIS	2.2
21	C9	93	HIS	2.2
22	D0	27	THR	2.2
26	d4	121	THR	2.2
7	S5	209	TYR	2.2
18	C6	142	TYR	2.2
2	s0	143	VAL	2.2
8	S6	81	VAL	2.2
16	c4	67	VAL	2.2
25	D3	120	VAL	2.2
35	SM	106	VAL	2.2
16	C4	22	SER	2.2
16	C4	123	SER	2.2
60	N4	95	SER	2.2
60	n4	95	SER	2.2
77	q1	24	SER	2.2
1	2	626	U	2.2
1	2	701	U	2.2
1	2	820	U	2.2
3	S1	92	GLN	2.2

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Mol	Chain	Res	Type	RSRZ
4	S2	94	GLN	2.2
36	1	1353	U	2.2
36	1	2209	U	2.2
36	1	2538	U	2.2
36	5	2875	U	2.2
38	8	82	U	2.2
2	s0	98	ILE	2.2
17	C5	84	ILE	2.2
18	C6	29	ILE	2.2
19	C7	38	ILE	2.2
1	2	236	A	2.2
1	2	647	G	2.2
1	2	810	G	2.2
1	6	669	G	2.2
1	6	1265	G	2.2
1	6	1601	G	2.2
26	D4	31	ASN	2.2
29	d7	57	GLU	2.2
31	D9	53	ASN	2.2
35	sM	50	ASN	2.2
36	1	243	G	2.2
36	1	1024	G	2.2
36	1	3291	G	2.2
36	5	1152	G	2.2
5	s3	142	LEU	2.2
6	S4	9	LEU	2.2
10	S8	193	LEU	2.2
14	c2	62	LEU	2.2
19	C7	119	LEU	2.2
24	D2	111	MET	2.2
27	d5	65	LEU	2.2
22	d0	73	GLY	2.2
23	D1	45	ALA	2.2
30	D8	57	MET	2.2
34	sR	225	LEU	2.2
36	5	1352	A	2.2
79	Q3	22	LEU	2.2
2	S0	90	ALA	2.2
4	S2	85	PRO	2.2
7	s5	191	ALA	2.2
11	S9	169	PRO	2.2
16	c4	109	GLY	2.2

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Mol	Chain	Res	Type	RSRZ
50	M4	75	GLY	2.2
55	m9	189	ALA	2.2
19	c7	27	ASP	2.2
78	Q2	100	LYS	2.2
6	s4	200	ARG	2.2
9	s7	39	ARG	2.2
10	S8	146	ARG	2.2
16	c4	135	ARG	2.2
26	d4	60	PHE	2.2
34	sR	263	PHE	2.2
63	N7	65	ARG	2.2
1	2	937	C	2.2
1	2	1374	C	2.2
1	6	1192	C	2.2
1	6	1709	C	2.2
36	1	1670	C	2.2
16	C4	91	THR	2.2
20	C8	78	HIS	2.2
54	m8	15	HIS	2.2
71	O5	46	THR	2.2
2	S0	45	VAL	2.2
14	c2	121	VAL	2.2
18	C6	79	TYR	2.2
62	N6	59	VAL	2.2
9	s7	125	ILE	2.2
18	c6	43	ILE	2.2
27	D5	71	ILE	2.2
47	m0	113	GLN	2.2
60	N4	9	SER	2.2
68	o2	52	GLN	2.2
4	S2	61	LEU	2.2
34	SR	225	LEU	2.2
34	sR	144	LEU	2.2
39	l2	246	LEU	2.2
7	S5	99	MET	2.2
2	S0	49	ASN	2.2
2	S0	145	ALA	2.2
6	S4	2	ALA	2.2
22	D0	83	GLU	2.2
23	d1	35	ASN	2.2
27	d5	97	LYS	2.2
30	d8	43	ASN	2.2

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Mol	Chain	Res	Type	RSRZ
34	sR	162	ALA	2.2
41	l4	63	GLU	2.2
50	m4	9	ALA	2.2
52	M6	169	ALA	2.2
56	N0	2	ALA	2.2
41	L4	79	GLY	2.2
41	L4	350	LYS	2.2
45	L8	45	ASN	2.2
73	O7	86	ALA	2.2
1	2	1240	U	2.2
1	2	1582	U	2.2
1	6	721	U	2.2
4	S2	223	GLY	2.2
30	D8	24	GLY	2.2
60	n4	62	GLY	2.2
65	N9	20	GLY	2.2
24	D2	72	CYS	2.2
29	D7	37	CYS	2.2
34	SR	71	CYS	2.2
55	M9	181	ARG	2.2
3	s1	89	ASP	2.2
7	S5	55	ASP	2.2
7	s5	43	PHE	2.2
21	c9	95	ASP	2.2
46	L9	45	PHE	2.2
1	2	65	A	2.2
1	2	445	A	2.2
1	2	1300	A	2.2
1	2	1410	A	2.2
1	2	1635	A	2.2
1	6	218	A	2.2
1	6	1069	A	2.2
36	5	2626	A	2.2
1	2	196	G	2.2
1	2	574	G	2.2
1	2	938	G	2.2
36	1	1243	G	2.2
36	1	1281	G	2.2
36	1	2169	G	2.2
36	5	1236	G	2.2
36	5	1811	G	2.2
70	o4	69	HIS	2.2

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Mol	Chain	Res	Type	RSRZ
4	S2	167	VAL	2.1
27	d5	105	THR	2.1
33	E1	150	VAL	2.1
53	m7	24	VAL	2.1
60	N4	64	THR	2.1
68	O2	10	VAL	2.1
70	o4	22	VAL	2.1
73	o7	80	THR	2.1
82	p0	50	VAL	2.1
55	m9	109	TYR	2.1
1	2	268	C	2.1
1	2	381	C	2.1
1	6	700	C	2.1
1	6	1581	C	2.1
10	S8	43	ILE	2.1
19	c7	38	ILE	2.1
36	1	1275	C	2.1
36	1	1759	C	2.1
36	1	3164	C	2.1
36	5	1951	C	2.1
45	L8	179	ILE	2.1
82	p0	4	ILE	2.1
8	s6	216	LEU	2.1
11	s9	60	LEU	2.1
17	c5	104	GLN	2.1
29	D7	51	GLN	2.1
42	l5	274	GLN	2.1
51	M5	134	LEU	2.1
54	m8	166	LEU	2.1
69	O3	7	LEU	2.1
75	O9	11	GLN	2.1
2	S0	78	SER	2.1
16	C4	36	LYS	2.1
18	C6	87	LYS	2.1
20	c8	139	LYS	2.1
21	C9	75	LYS	2.1
2	S0	154	GLU	2.1
10	S8	79	ALA	2.1
11	s9	162	SER	2.1
13	c1	2	SER	2.1
22	d0	77	LYS	2.1
26	D4	21	LYS	2.1

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Mol	Chain	Res	Type	RSRZ
32	E0	53	LYS	2.1
33	E1	116	LYS	2.1
34	SR	82	SER	2.1
34	sR	213	SER	2.1
39	l2	68	LYS	2.1
34	sR	257	ALA	2.1
55	M9	59	SER	2.1
45	L8	208	GLU	2.1
45	L8	209	ALA	2.1
72	o6	32	ALA	2.1
80	c0	70	GLU	2.1
82	p0	107	ALA	2.1
6	S4	255	ARG	2.1
17	c5	38	PRO	2.1
21	C9	7	ARG	2.1
21	c9	90	PRO	2.1
48	M1	83	GLY	2.1
64	N8	37	GLY	2.1
44	L7	166	ASN	2.1
80	c0	81	ASN	2.1
15	C3	26	PHE	2.1
45	l8	34	PHE	2.1
52	M6	80	PHE	2.1
58	N2	95	PHE	2.1
61	N5	32	PHE	2.1
63	N7	92	PHE	2.1
1	2	73	U	2.1
1	2	1423	U	2.1
2	S0	190	ASP	2.1
14	C2	93	ASP	2.1
36	5	2508	U	2.1
13	C1	140	VAL	2.1
16	c4	28	VAL	2.1
22	d0	42	VAL	2.1
24	D2	120	HIS	2.1
28	D6	72	HIS	2.1
29	d7	2	VAL	2.1
45	l8	116	VAL	2.1
50	m4	131	VAL	2.1
57	N1	124	VAL	2.1
70	o4	5	VAL	2.1
4	S2	51	THR	2.1

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Mol	Chain	Res	Type	RSRZ
74	O8	24	THR	2.1
1	2	86	A	2.1
1	2	135	A	2.1
2	S0	175	TYR	2.1
3	S1	197	ILE	2.1
11	S9	8	TYR	2.1
16	C4	20	TYR	2.1
18	C6	65	ILE	2.1
34	SR	211	ILE	2.1
36	1	440	A	2.1
72	O6	28	TYR	2.1
3	S1	86	LEU	2.1
13	C1	26	LYS	2.1
21	C9	78	LYS	2.1
26	d4	128	LYS	2.1
27	d5	75	LEU	2.1
30	D8	9	LEU	2.1
31	d9	30	LEU	2.1
34	SR	7	LEU	2.1
41	l4	235	LEU	2.1
45	L8	92	LYS	2.1
60	N4	41	LYS	2.1
60	n4	61	LYS	2.1
1	2	127	G	2.1
1	2	714	G	2.1
1	2	729	G	2.1
1	2	834	G	2.1
1	2	1521	G	2.1
1	6	1241	G	2.1
4	s2	94	GLN	2.1
34	sR	177	MET	2.1
36	1	2111	G	2.1
36	5	2522	G	2.1
48	M1	9	MET	2.1
71	o5	108	GLN	2.1
2	s0	145	ALA	2.1
9	S7	59	ALA	2.1
9	s7	3	ALA	2.1
14	c2	101	ALA	2.1
15	C3	63	ALA	2.1
15	c3	15	ALA	2.1
26	D4	126	ALA	2.1

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Mol	Chain	Res	Type	RSRZ
34	sR	24	ALA	2.1
58	N2	46	ALA	2.1
8	s6	35	GLU	2.1
10	S8	71	GLY	2.1
1	2	25	C	2.1
1	2	54	C	2.1
1	2	1045	C	2.1
1	6	1159	C	2.1
2	S0	11	PRO	2.1
2	S0	97	PRO	2.1
16	C4	94	PRO	2.1
29	d7	68	GLY	2.1
34	sR	247	PRO	2.1
40	l3	253	GLY	2.1
42	l5	47	PRO	2.1
55	M9	48	GLY	2.1
61	n5	79	GLY	2.1
66	O0	88	GLY	2.1
72	O6	14	GLY	2.1
79	q3	21	SER	2.1
36	1	242	C	2.1
36	1	648	C	2.1
36	1	1254	C	2.1
36	1	3285	C	2.1
36	5	1092	C	2.1
36	5	1633	C	2.1
36	5	2539	C	2.1
7	S5	79	ASN	2.1
12	C0	28	ASN	2.1
13	c1	37	ASN	2.1
17	C5	119	PHE	2.1
19	C7	71	PHE	2.1
19	c7	104	ASN	2.1
26	d4	64	PHE	2.1
3	s1	114	VAL	2.1
14	C2	91	VAL	2.1
17	c5	11	VAL	2.1
18	c6	67	VAL	2.1
19	C7	9	VAL	2.1
21	c9	37	VAL	2.1
24	d2	85	ASP	2.1
34	SR	68	VAL	2.1

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Mol	Chain	Res	Type	RSRZ
40	L3	229	VAL	2.1
51	m5	200	TRP	2.1
69	o3	27	VAL	2.1
1	2	216	U	2.1
1	2	1473	U	2.1
2	S0	173	ILE	2.1
2	S0	177	LEU	2.1
2	s0	177	LEU	2.1
5	s3	115	ILE	2.1
6	S4	173	ILE	2.1
6	S4	198	LYS	2.1
8	s6	163	THR	2.1
11	S9	143	ILE	2.1
14	c2	53	THR	2.1
12	C0	41	TYR	2.1
18	C6	132	LYS	2.1
18	c6	37	THR	2.1
25	d3	110	LYS	2.1
34	sR	81	LEU	2.1
34	sR	292	LEU	2.1
37	3	106	U	2.1
40	L3	102	LEU	2.1
45	l8	245	LYS	2.1
49	m3	7	LEU	2.1
49	m3	178	LYS	2.1
61	n5	40	LEU	2.1
62	n6	113	LYS	2.1
63	N7	60	LYS	2.1
64	N8	70	LYS	2.1
5	s3	150	MET	2.1
28	D6	22	ARG	2.1
35	sM	68	ARG	2.1
62	N6	12	ARG	2.1
63	n7	15	ARG	2.1
68	O2	19	ARG	2.1
77	Q1	6	ARG	2.1
7	S5	56	ALA	2.1
10	s8	13	ALA	2.1
14	C2	101	ALA	2.1
14	c2	143	GLN	2.1
18	c6	20	ALA	2.1
34	SR	24	ALA	2.1

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Mol	Chain	Res	Type	RSRZ
56	n0	138	GLN	2.1
71	O5	65	ALA	2.1
1	2	599	A	2.1
1	6	579	A	2.1
2	S0	142	PRO	2.1
20	C8	82	PRO	2.1
33	E1	129	GLY	2.1
34	SR	158	PRO	2.1
36	1	1260	A	2.1
36	1	1575	A	2.1
44	l7	217	PRO	2.1
49	m3	61	PRO	2.1
49	m3	130	GLY	2.1
70	o4	26	PRO	2.1
8	S6	45	PHE	2.1
10	S8	149	SER	2.1
21	C9	97	SER	2.1
30	D8	21	SER	2.1
33	e1	122	SER	2.1
34	SR	186	PHE	2.1
57	N1	47	SER	2.1
64	N8	16	SER	2.1
69	O3	62	SER	2.1
35	sM	71	ASN	2.1
1	2	514	G	2.1
1	2	628	G	2.1
1	6	739	G	2.1
1	6	797	G	2.1
1	6	1445	G	2.1
2	s0	139	VAL	2.1
16	C4	30	VAL	2.1
18	C6	4	VAL	2.1
26	D4	100	VAL	2.1
26	D4	129	VAL	2.1
32	E0	50	VAL	2.1
36	1	1954	G	2.1
36	5	443	G	2.1
1	2	176	C	2.1
1	2	489	C	2.1
36	5	439	C	2.1
5	S3	59	LEU	2.1
5	s3	174	HIS	2.1

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Mol	Chain	Res	Type	RSRZ
8	S6	155	ASP	2.1
8	s6	79	LYS	2.1
9	S7	89	HIS	2.1
14	c2	26	ASP	2.1
22	D0	21	LYS	2.1
35	SM	105	LYS	2.1
55	m9	46	LYS	2.1
61	N5	22	LYS	2.1
62	N6	116	LYS	2.1
65	N9	28	LYS	2.1
14	c2	32	LEU	2.1
14	c2	103	LEU	2.1
20	c8	47	CYS	2.1
23	D1	69	LEU	2.1
26	D4	40	LEU	2.1
27	d5	41	ILE	2.1
58	n2	105	LEU	2.1
3	S1	64	ARG	2.1
3	s1	52	THR	2.1
4	s2	97	ARG	2.1
13	c1	129	ARG	2.1
17	C5	50	THR	2.1
21	C9	134	ARG	2.1
29	D7	17	ARG	2.1
29	d7	52	THR	2.1
77	Q1	9	ARG	2.1
82	p0	64	ARG	2.1
15	c3	72	MET	2.1
13	c1	145	ALA	2.1
16	C4	59	ALA	2.1
16	c4	40	ALA	2.1
34	SR	244	ALA	2.1
35	sM	35	ALA	2.1
1	2	278	U	2.1
1	2	1009	U	2.1
1	6	132	U	2.1
18	C6	8	GLN	2.1
26	D4	63	GLN	2.1
36	5	3287	U	2.1
21	C9	81	GLY	2.1
33	e1	127	GLY	2.1
34	SR	63	GLY	2.1

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Mol	Chain	Res	Type	RSRZ
51	M5	88	GLY	2.1
59	n3	43	GLY	2.1
2	S0	180	GLU	2.1
6	S4	172	PHE	2.1
26	D4	58	PHE	2.1
45	L8	34	PHE	2.1
52	m6	174	PHE	2.1
11	S9	145	SER	2.1
14	C2	119	SER	2.1
17	c5	92	SER	2.1
34	sR	246	SER	2.1
66	o0	6	SER	2.1
3	S1	68	VAL	2.1
8	S6	26	VAL	2.1
11	S9	127	VAL	2.1
14	c2	86	VAL	2.1
16	C4	79	VAL	2.1
16	c4	121	VAL	2.1
30	d8	15	VAL	2.1
70	O4	35	VAL	2.1
1	2	168	A	2.1
1	2	1341	A	2.1
1	6	1503	A	2.1
2	S0	134	LYS	2.1
6	S4	10	LYS	2.1
7	S5	106	LYS	2.1
13	C1	22	ASN	2.1
14	c2	70	ASN	2.1
14	c2	95	LYS	2.1
18	C6	32	ASN	2.1
22	D0	69	LYS	2.1
25	D3	5	LYS	2.1
27	d5	46	LYS	2.1
28	d6	8	ASN	2.1
31	D9	16	LYS	2.1
33	E1	134	ASN	2.1
35	sM	29	ASN	2.1
36	1	1263	A	2.1
36	1	1858	A	2.1
36	1	2126	A	2.1
36	1	3165	A	2.1
36	5	3347	A	2.1

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Mol	Chain	Res	Type	RSRZ
74	O8	29	LYS	2.1
3	S1	189	ILE	2.1
8	S6	32	ILE	2.1
21	C9	113	ILE	2.1
23	D1	87	ARG	2.1
29	D7	7	LEU	2.1
41	l4	198	ARG	2.1
45	l8	48	ARG	2.1
71	o5	109	ILE	2.1
33	E1	135	HIS	2.1
73	o7	12	HIS	2.1
7	S5	161	ASP	2.1
11	S9	147	MET	2.1
15	c3	110	ASP	2.1
17	c5	83	MET	2.1
67	O1	6	ASP	2.1
12	C0	63	TYR	2.1
12	C0	66	TYR	2.1
26	D4	89	TYR	2.1
28	d6	74	CYS	2.1
31	D9	24	CYS	2.1
31	d9	28	THR	2.1
33	e1	86	THR	2.1
45	L8	134	TYR	2.1
56	n0	145	THR	2.1
80	c0	67	THR	2.1
82	p0	18	TYR	2.1
1	2	239	C	2.1
1	2	321	C	2.1
1	2	479	C	2.1
1	2	1068	C	2.1
1	6	490	C	2.1
1	2	284	G	2.1
1	2	291	G	2.1
1	2	901	G	2.1
1	2	1233	G	2.1
1	6	1165	G	2.1
2	s0	60	ALA	2.1
10	S8	150	ALA	2.1
13	c1	48	ALA	2.1
36	1	765	C	2.1
36	1	1232	C	2.1

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Mol	Chain	Res	Type	RSRZ
36	5	1237	G	2.1
48	M1	169	ALA	2.1
49	M3	38	ALA	2.1
2	S0	193	GLN	2.1
6	s4	132	GLY	2.1
7	S5	86	GLN	2.1
32	e0	32	GLY	2.1
40	l3	330	GLY	2.1
6	S4	152	PRO	2.1
14	C2	99	GLU	2.1
21	c9	47	PRO	2.1
34	sR	245	PHE	2.1
42	l5	217	GLU	2.1
45	l8	25	PRO	2.1
60	N4	65	GLU	2.1
1	2	240	U	2.0
1	2	928	U	2.0
1	2	1413	U	2.0
1	6	227	U	2.0
1	6	499	U	2.0
1	6	836	U	2.0
2	S0	29	VAL	2.0
5	S3	48	VAL	2.0
17	C5	11	VAL	2.0
19	C7	10	LYS	2.0
33	E1	130	VAL	2.0
36	1	2875	U	2.0
36	1	3156	U	2.0
36	5	2504	U	2.0
51	m5	192	LYS	2.0
60	N4	61	LYS	2.0
63	n7	73	LYS	2.0
67	O1	67	VAL	2.0
70	O4	19	LYS	2.0
79	q3	3	LYS	2.0
21	C9	40	SER	2.0
26	D4	104	SER	2.0
27	d5	61	SER	2.0
48	m1	22	SER	2.0
50	m4	10	SER	2.0
2	S0	111	ILE	2.0
6	s4	59	ARG	2.0

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Mol	Chain	Res	Type	RSRZ
12	C0	43	ILE	2.0
14	c2	36	LEU	2.0
23	d1	11	LEU	2.0
26	D4	28	LEU	2.0
28	D6	44	ILE	2.0
31	d9	56	ARG	2.0
34	SR	59	ARG	2.0
34	SR	274	LEU	2.0
45	l8	45	ASN	2.0
46	L9	144	ILE	2.0
55	m9	185	LEU	2.0
60	n4	71	ARG	2.0
70	o4	54	ILE	2.0
75	o9	30	ARG	2.0
76	Q0	113	ARG	2.0
6	S4	16	HIS	2.0
29	d7	49	HIS	2.0
35	SM	110	TRP	2.0
51	m5	191	TRP	2.0
21	C9	67	MET	2.0
60	N4	59	HIS	2.0
3	S1	200	ALA	2.0
5	S3	205	ALA	2.0
13	C1	145	ALA	2.0
34	sR	100	TYR	2.0
36	5	1813	A	2.0
36	5	2443	A	2.0
40	l3	386	ASP	2.0
41	l4	194	TYR	2.0
51	m5	129	TYR	2.0
60	n4	125	ALA	2.0
75	O9	2	ALA	2.0
77	q1	10	THR	2.0
10	S8	30	GLY	2.0
10	s8	103	GLN	2.0
11	S9	139	GLN	2.0
26	D4	66	GLY	2.0
26	d4	23	PHE	2.0
45	l8	123	GLN	2.0
73	o7	79	GLN	2.0
31	d9	11	PRO	2.0
35	sM	52	PRO	2.0

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Mol	Chain	Res	Type	RSRZ
3	S1	122	GLU	2.0
11	s9	41	GLU	2.0
1	2	443	C	2.0
1	2	708	C	2.0
1	2	724	C	2.0
1	6	717	C	2.0
4	s2	161	LYS	2.0
17	C5	52	LYS	2.0
34	sR	216	LYS	2.0
2	S0	31	VAL	2.0
3	S1	150	VAL	2.0
4	S2	63	VAL	2.0
6	s4	129	VAL	2.0
9	s7	152	VAL	2.0
17	C5	76	VAL	2.0
22	d0	97	VAL	2.0
34	sR	104	VAL	2.0
36	1	1693	C	2.0
54	m8	186	VAL	2.0
67	o1	7	VAL	2.0
71	o5	54	VAL	2.0
1	2	1663	G	2.0
1	6	487	G	2.0
1	6	1698	G	2.0
4	s2	95	ARG	2.0
8	S6	159	ARG	2.0
11	S9	97	LEU	2.0
29	D7	73	LEU	2.0
36	1	1250	G	2.0
36	1	2110	G	2.0
36	5	3036	G	2.0
42	L5	54	ARG	2.0
57	n1	128	LEU	2.0
5	s3	160	SER	2.0
9	S7	66	SER	2.0
20	C8	2	SER	2.0
22	D0	76	SER	2.0
22	d0	19	ILE	2.0
31	d9	9	SER	2.0
34	sR	211	ILE	2.0
48	M1	79	ILE	2.0
60	n4	130	SER	2.0

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Mol	Chain	Res	Type	RSRZ
1	2	1468	U	2.0
1	6	185	U	2.0
1	6	710	U	2.0
1	6	1687	U	2.0
4	S2	82	ASN	2.0
33	e1	134	ASN	2.0
34	SR	308	ASN	2.0
36	1	1765	U	2.0
6	S4	17	HIS	2.0
10	S8	9	HIS	2.0
12	C0	12	HIS	2.0
19	c7	58	MET	2.0
55	M9	3	ASN	2.0
75	O9	32	ASN	2.0
3	S1	126	THR	2.0
20	c8	58	ALA	2.0
34	sR	2	ALA	2.0
34	sR	48	THR	2.0
55	m9	65	ALA	2.0
67	O1	99	ALA	2.0
71	O5	120	ALA	2.0
77	q1	22	ALA	2.0
6	s4	54	TYR	2.0
82	p0	31	ASP	2.0
3	s1	205	PHE	2.0
11	S9	35	GLY	2.0
13	C1	42	PHE	2.0
26	D4	119	PHE	2.0
29	d7	76	GLY	2.0
7	s5	188	LYS	2.0
8	s6	182	GLN	2.0
10	s8	159	GLN	2.0
13	C1	46	LYS	2.0
13	c1	36	LYS	2.0
17	c5	52	LYS	2.0
29	D7	22	LYS	2.0
46	l9	165	CYS	2.0
51	M5	137	PRO	2.0
70	O4	70	LYS	2.0
72	O6	52	PRO	2.0
77	Q1	25	LYS	2.0
1	2	219	A	2.0

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Mol	Chain	Res	Type	RSRZ
1	2	713	A	2.0
1	2	793	A	2.0
1	2	1329	A	2.0
1	2	1689	A	2.0
1	6	104	A	2.0
8	S6	196	ARG	2.0
14	c2	66	VAL	2.0
16	C4	28	VAL	2.0
17	C5	126	VAL	2.0
18	c6	42	GLU	2.0
23	D1	36	VAL	2.0
24	D2	18	GLU	2.0
36	1	1245	A	2.0
36	1	2312	A	2.0
36	5	219	A	2.0
36	5	621	A	2.0
36	5	1816	A	2.0
58	N2	43	VAL	2.0
63	n7	43	VAL	2.0
6	S4	180	LEU	2.0
10	S8	29	LEU	2.0
11	S9	116	LEU	2.0
13	c1	5	LEU	2.0
14	c2	78	LEU	2.0
16	c4	137	LEU	2.0
19	C7	34	LEU	2.0
19	c7	46	LEU	2.0
30	d8	54	LEU	2.0
34	SR	252	LEU	2.0
46	L9	161	LEU	2.0
51	m5	197	LEU	2.0
8	S6	52	ILE	2.0
8	s6	52	ILE	2.0
22	D0	22	ILE	2.0
45	L8	75	ILE	2.0
1	2	1159	C	2.0
1	6	668	C	2.0
1	6	1070	C	2.0
36	1	1228	C	2.0
36	1	2374	C	2.0
36	5	757	C	2.0
36	5	1706	C	2.0

5.2 Non-standard residues in protein, DNA, RNA chains (i)

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

5.3 Carbohydrates (i)

There are no oligosaccharides in this entry.

5.4 Ligands (i)

In the following table, the Atoms column lists the number of modelled atoms in the group and the number defined in the chemical component dictionary. The B-factors column lists the minimum, median, 95^{th} percentile and maximum values of B factors of atoms in the group. The column labelled 'Q< 0.9' lists the number of atoms with occupancy less than 0.9.

Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	MG	2215	1/1	-0.40	0.28	126,126,126,126	0
86	MG	1	4090	1/1	-0.15	0.20	129,129,129,129	0
86	MG	2	2120	1/1	-0.11	0.39	128,128,128,128	0
86	MG	2	2101	1/1	-0.04	0.50	126,126,126,126	0
86	MG	N4	201	1/1	-0.01	0.30	142,142,142,142	0
86	MG	2	2098	1/1	-0.01	0.38	135,135,135,135	0
86	MG	1	4094	1/1	0.08	0.39	68,68,68,68	0
86	MG	C2	202	1/1	0.11	0.40	88,88,88,88	0
86	MG	1	4087	1/1	0.11	0.89	84,84,84,84	0
86	MG	C2	207	1/1	0.13	0.18	105,105,105,105	0
86	MG	1	4027	1/1	0.14	0.39	120,120,120,120	0
86	MG	M3	201	1/1	0.15	0.31	94,94,94,94	0
86	MG	L5	301	1/1	0.20	0.16	110,110,110,110	0
86	MG	1	4095	1/1	0.21	0.19	70,70,70,70	0
86	MG	5	4065	1/1	0.21	0.26	75,75,75,75	0
86	MG	1	4111	1/1	0.21	0.25	145,145,145,145	0
86	MG	MG	2224	1/1	0.25	0.52	243,243,243,243	0
86	MG	l4	403	1/1	0.26	0.23	52,52,52,52	0
86	MG	2	2079	1/1	0.27	0.30	154,154,154,154	0
86	MG	2	2124	1/1	0.29	0.40	113,113,113,113	0
86	MG	6	2151	1/1	0.30	0.28	140,140,140,140	0
86	MG	MG	2217	1/1	0.31	0.18	77,77,77,77	0
86	MG	6	2178	1/1	0.32	0.42	56,56,56,56	0
86	MG	6	2065	1/1	0.33	0.45	60,60,60,60	0
86	MG	6	2175	1/1	0.35	0.16	84,84,84,84	0
86	MG	C9	201	1/1	0.36	0.35	95,95,95,95	0
86	MG	6	2150	1/1	0.36	0.30	113,113,113,113	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	2	2093	1/1	0.37	0.47	125,125,125,125	0
86	MG	1	4089	1/1	0.37	0.75	56,56,56,56	0
86	MG	6	2122	1/1	0.37	0.33	105,105,105,105	0
86	MG	1	4101	1/1	0.38	0.14	95,95,95,95	0
86	MG	6	2161	1/1	0.39	0.27	149,149,149,149	0
86	MG	2	2096	1/1	0.40	0.33	66,66,66,66	0
86	MG	1	3742	1/1	0.41	0.33	138,138,138,138	0
86	MG	5	3807	1/1	0.41	0.37	102,102,102,102	0
86	MG	5	4048	1/1	0.41	0.24	106,106,106,106	0
86	MG	2	2063	1/1	0.41	0.46	70,70,70,70	0
86	MG	C2	201	1/1	0.42	0.64	78,78,78,78	0
86	MG	2	2092	1/1	0.42	0.36	98,98,98,98	0
86	MG	1	4054	1/1	0.42	0.22	86,86,86,86	0
86	MG	1	4105	1/1	0.43	0.41	62,62,62,62	0
86	MG	8	222	1/1	0.44	0.28	53,53,53,53	0
86	MG	1	3932	1/1	0.44	0.30	78,78,78,78	0
86	MG	2	2114	1/1	0.44	0.47	67,67,67,67	0
86	MG	2	2105	1/1	0.44	0.40	90,90,90,90	0
86	MG	7	213	1/1	0.44	0.36	49,49,49,49	0
86	MG	5	3994	1/1	0.46	0.47	44,44,44,44	0
86	MG	2	2048	1/1	0.46	0.36	73,73,73,73	0
86	MG	n0	204	1/1	0.46	0.49	42,42,42,42	0
86	MG	5	4134	1/1	0.47	0.45	69,69,69,69	0
86	MG	2	2089	1/1	0.47	0.29	102,102,102,102	0
86	MG	1	4050	1/1	0.47	0.35	92,92,92,92	0
86	MG	6	2130	1/1	0.47	0.59	82,82,82,82	0
86	MG	5	4144	1/1	0.48	0.33	85,85,85,85	0
86	MG	M9	202	1/1	0.48	0.27	74,74,74,74	0
86	MG	2	2109	1/1	0.48	0.54	73,73,73,73	0
86	MG	5	4039	1/1	0.48	0.21	52,52,52,52	0
86	MG	2	2117	1/1	0.49	0.16	68,68,68,68	0
86	MG	Q1	101	1/1	0.49	0.46	66,66,66,66	0
86	MG	2	2125	1/1	0.49	0.23	123,123,123,123	0
86	MG	1	4097	1/1	0.49	0.68	70,70,70,70	0
86	MG	2	2102	1/1	0.50	0.39	79,79,79,79	0
86	MG	5	4054	1/1	0.50	0.39	56,56,56,56	0
86	MG	1	3802	1/1	0.50	0.20	93,93,93,93	0
86	MG	C2	206	1/1	0.50	0.12	170,170,170,170	0
86	MG	5	4017	1/1	0.50	0.26	131,131,131,131	0
86	MG	1	4008	1/1	0.50	0.28	49,49,49,49	0
87	ZN	d7	101	1/1	0.50	0.21	133,133,133,133	0
86	MG	L2	302	1/1	0.52	1.12	73,73,73,73	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	MG	2222	1/1	0.53	0.21	136,136,136,136	0
86	MG	2	2099	1/1	0.53	0.39	62,62,62,62	0
86	MG	5	4112	1/1	0.53	0.26	103,103,103,103	0
86	MG	2	2097	1/1	0.54	0.48	82,82,82,82	0
86	MG	1	4070	1/1	0.54	0.17	203,203,203,203	0
86	MG	5	3817	1/1	0.54	0.32	66,66,66,66	0
86	MG	c8	202	1/1	0.55	0.12	94,94,94,94	0
86	MG	6	2173	1/1	0.55	0.17	58,58,58,58	0
86	MG	6	2074	1/1	0.55	0.34	76,76,76,76	0
86	MG	1	4127	1/1	0.55	0.54	113,113,113,113	0
86	MG	MG	2196	1/1	0.55	0.22	77,77,77,77	0
86	MG	5	3967	1/1	0.56	0.18	54,54,54,54	0
86	MG	6	2061	1/1	0.56	0.28	88,88,88,88	0
86	MG	1	4118	1/1	0.56	0.25	54,54,54,54	0
86	MG	5	3779	1/1	0.56	0.25	103,103,103,103	0
86	MG	5	4162	1/1	0.56	0.27	76,76,76,76	0
86	MG	6	2143	1/1	0.56	0.44	82,82,82,82	0
86	MG	7	223	1/1	0.56	0.21	71,71,71,71	0
86	MG	1	4005	1/1	0.56	0.27	69,69,69,69	0
86	MG	1	4021	1/1	0.57	0.33	77,77,77,77	0
86	MG	6	2128	1/1	0.57	0.29	81,81,81,81	0
86	MG	6	2058	1/1	0.57	0.36	109,109,109,109	0
86	MG	D9	103	1/1	0.57	0.31	88,88,88,88	0
86	MG	N3	202	1/1	0.57	0.18	59,59,59,59	0
86	MG	1	3939	1/1	0.57	0.19	65,65,65,65	0
86	MG	5	3776	1/1	0.58	0.20	33,33,33,33	0
86	MG	5	4139	1/1	0.58	0.37	52,52,52,52	0
86	MG	1	3987	1/1	0.58	0.14	70,70,70,70	0
86	MG	6	2180	1/1	0.58	0.22	88,88,88,88	0
86	MG	O5	201	1/1	0.58	0.16	144,144,144,144	0
86	MG	2	2075	1/1	0.59	0.38	72,72,72,72	0
86	MG	2	2133	1/1	0.59	0.21	66,66,66,66	0
86	MG	1	3805	1/1	0.59	0.35	97,97,97,97	0
86	MG	1	3929	1/1	0.59	0.22	42,42,42,42	0
86	MG	2	2113	1/1	0.59	0.33	105,105,105,105	0
86	MG	2	2057	1/1	0.59	0.39	57,57,57,57	0
86	MG	1	3984	1/1	0.59	0.25	75,75,75,75	0
86	MG	1	4031	1/1	0.60	0.23	121,121,121,121	0
86	MG	6	2127	1/1	0.60	0.23	57,57,57,57	0
86	MG	6	2183	1/1	0.60	0.23	64,64,64,64	0
86	MG	5	4073	1/1	0.60	0.23	72,72,72,72	0
86	MG	1	4065	1/1	0.61	0.22	47,47,47,47	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	5	4113	1/1	0.61	0.25	44,44,44,44	0
86	MG	6	2113	1/1	0.61	0.41	50,50,50,50	0
86	MG	2	2055	1/1	0.61	0.46	77,77,77,77	0
86	MG	5	4143	1/1	0.61	0.34	55,55,55,55	0
86	MG	1	3889	1/1	0.61	0.29	36,36,36,36	0
86	MG	6	2154	1/1	0.61	0.25	92,92,92,92	0
86	MG	5	4069	1/1	0.61	0.20	49,49,49,49	0
86	MG	1	4123	1/1	0.61	0.26	47,47,47,47	0
86	MG	5	4044	1/1	0.62	0.14	46,46,46,46	0
86	MG	C2	203	1/1	0.62	0.36	132,132,132,132	0
86	MG	1	4085	1/1	0.62	0.17	47,47,47,47	0
86	MG	5	3806	1/1	0.62	0.26	57,57,57,57	0
86	MG	2	2106	1/1	0.62	0.30	103,103,103,103	0
86	MG	5	3812	1/1	0.62	0.23	57,57,57,57	0
86	MG	1	3973	1/1	0.63	0.28	55,55,55,55	0
86	MG	1	4093	1/1	0.63	0.17	78,78,78,78	0
86	MG	6	2132	1/1	0.63	0.18	65,65,65,65	0
86	MG	1	3997	1/1	0.64	0.34	58,58,58,58	0
86	MG	2	2077	1/1	0.64	0.30	71,71,71,71	0
86	MG	2	2082	1/1	0.64	0.35	104,104,104,104	0
86	MG	6	2144	1/1	0.64	0.26	75,75,75,75	0
86	MG	6	2145	1/1	0.64	0.27	92,92,92,92	0
86	MG	4	216	1/1	0.64	0.31	55,55,55,55	0
86	MG	1	4116	1/1	0.64	0.30	67,67,67,67	0
86	MG	1	4108	1/1	0.65	0.23	66,66,66,66	0
86	MG	1	3944	1/1	0.65	0.28	59,59,59,59	0
86	MG	6	2177	1/1	0.65	0.22	99,99,99,99	0
86	MG	5	3851	1/1	0.65	0.36	48,48,48,48	0
86	MG	5	4115	1/1	0.65	0.34	47,47,47,47	0
86	MG	C2	205	1/1	0.65	0.28	170,170,170,170	0
86	MG	2	2083	1/1	0.65	0.28	73,73,73,73	0
86	MG	4	218	1/1	0.66	0.35	49,49,49,49	0
86	MG	8	227	1/1	0.66	0.18	54,54,54,54	0
86	MG	1	3985	1/1	0.66	0.31	61,61,61,61	0
86	MG	l9	202	1/1	0.66	0.18	46,46,46,46	0
86	MG	1	4120	1/1	0.66	0.28	76,76,76,76	0
86	MG	5	4147	1/1	0.66	0.21	88,88,88,88	0
86	MG	1	4017	1/1	0.66	0.20	50,50,50,50	0
86	MG	5	4166	1/1	0.66	0.25	51,51,51,51	0
86	MG	5	4171	1/1	0.66	0.28	35,35,35,35	0
86	MG	1	4042	1/1	0.66	0.19	79,79,79,79	0
86	MG	2	2123	1/1	0.66	0.16	97,97,97,97	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	2	2088	1/1	0.67	0.31	101,101,101,101	0
86	MG	5	3789	1/1	0.67	0.20	36,36,36,36	0
86	MG	1	3955	1/1	0.67	0.26	42,42,42,42	0
86	MG	6	2103	1/1	0.67	0.38	62,62,62,62	0
86	MG	1	3928	1/1	0.67	0.18	44,44,44,44	0
86	MG	1	3752	1/1	0.67	0.23	41,41,41,41	0
86	MG	5	4150	1/1	0.67	0.33	79,79,79,79	0
86	MG	2	2111	1/1	0.67	0.18	77,77,77,77	0
86	MG	5	3957	1/1	0.67	0.40	83,83,83,83	0
86	MG	1	4026	1/1	0.67	0.26	69,69,69,69	0
86	MG	2	2046	1/1	0.67	0.36	84,84,84,84	0
87	ZN	D7	101	1/1	0.67	0.15	147,147,147,147	0
86	MG	7	221	1/1	0.67	0.18	51,51,51,51	0
86	MG	5	4045	1/1	0.68	0.20	42,42,42,42	0
86	MG	6	2102	1/1	0.68	0.48	68,68,68,68	0
86	MG	5	4172	1/1	0.68	0.34	70,70,70,70	0
86	MG	1	3920	1/1	0.68	0.43	70,70,70,70	0
86	MG	1	3956	1/1	0.68	0.42	81,81,81,81	0
86	MG	1	3744	1/1	0.68	0.30	36,36,36,36	0
86	MG	5	4072	1/1	0.68	0.29	60,60,60,60	0
86	MG	6	2164	1/1	0.68	0.21	90,90,90,90	0
86	MG	1	3974	1/1	0.68	0.14	52,52,52,52	0
86	MG	1	4079	1/1	0.68	0.16	82,82,82,82	0
86	MG	5	3944	1/1	0.68	0.20	39,39,39,39	0
86	MG	p0	401	1/1	0.68	0.29	89,89,89,89	0
86	MG	C2	208	1/1	0.68	0.45	88,88,88,88	0
86	MG	2	2119	1/1	0.68	0.24	81,81,81,81	0
86	MG	6	2134	1/1	0.68	0.41	56,56,56,56	0
86	MG	2	2126	1/1	0.68	0.18	82,82,82,82	0
86	MG	5	4025	1/1	0.68	0.22	56,56,56,56	0
86	MG	2	2095	1/1	0.68	0.36	72,72,72,72	0
86	MG	6	2077	1/1	0.68	0.29	62,62,62,62	0
86	MG	1	3902	1/1	0.69	0.52	51,51,51,51	0
86	MG	5	3962	1/1	0.69	0.33	42,42,42,42	0
86	MG	5	3964	1/1	0.69	0.11	57,57,57,57	0
86	MG	5	4103	1/1	0.69	0.13	92,92,92,92	0
86	MG	6	2131	1/1	0.69	0.20	102,102,102,102	0
86	MG	2	2116	1/1	0.69	0.26	82,82,82,82	0
86	MG	5	3998	1/1	0.69	0.32	76,76,76,76	0
86	MG	2	2108	1/1	0.69	0.31	73,73,73,73	0
86	MG	m0	304	1/1	0.69	0.37	88,88,88,88	0
86	MG	4	217	1/1	0.70	0.40	69,69,69,69	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	5	3934	1/1	0.70	0.25	44,44,44,44	0
86	MG	2	2069	1/1	0.70	0.39	67,67,67,67	0
86	MG	5	4070	1/1	0.70	0.27	68,68,68,68	0
86	MG	6	2064	1/1	0.70	0.47	75,75,75,75	0
86	MG	1	3769	1/1	0.70	0.28	56,56,56,56	0
86	MG	5	4092	1/1	0.70	0.12	58,58,58,58	0
86	MG	1	4073	1/1	0.70	0.14	47,47,47,47	0
86	MG	M1	201	1/1	0.70	0.52	74,74,74,74	0
86	MG	2	2052	1/1	0.70	0.33	64,64,64,64	0
86	MG	2	2064	1/1	0.70	0.46	83,83,83,83	0
86	MG	5	4014	1/1	0.70	0.23	66,66,66,66	0
86	MG	6	2106	1/1	0.70	0.30	87,87,87,87	0
86	MG	5	4019	1/1	0.70	0.39	68,68,68,68	0
86	MG	1	4098	1/1	0.70	0.41	106,106,106,106	0
86	MG	2	2068	1/1	0.70	0.25	74,74,74,74	0
86	MG	3	212	1/1	0.70	0.26	78,78,78,78	0
86	MG	1	4055	1/1	0.70	0.18	78,78,78,78	0
86	MG	5	3839	1/1	0.70	0.29	47,47,47,47	0
86	MG	1	4132	1/1	0.71	0.38	53,53,53,53	0
86	MG	2	2107	1/1	0.71	0.37	65,65,65,65	0
86	MG	L9	201	1/1	0.71	0.23	57,57,57,57	0
86	MG	5	3881	1/1	0.71	0.24	49,49,49,49	0
86	MG	1	3806	1/1	0.71	0.16	56,56,56,56	0
86	MG	5	4128	1/1	0.71	0.29	87,87,87,87	0
86	MG	5	3766	1/1	0.71	0.25	88,88,88,88	0
86	MG	5	3953	1/1	0.71	0.18	43,43,43,43	0
86	MG	6	2055	1/1	0.71	0.27	51,51,51,51	0
86	MG	1	3807	1/1	0.71	0.24	59,59,59,59	0
86	MG	6	2167	1/1	0.71	0.23	60,60,60,60	0
86	MG	6	2059	1/1	0.71	0.18	80,80,80,80	0
86	MG	5	4151	1/1	0.71	0.25	99,99,99,99	0
86	MG	5	3969	1/1	0.71	0.10	64,64,64,64	0
86	MG	2	2134	1/1	0.71	0.37	116,116,116,116	0
86	MG	6	2114	1/1	0.71	0.35	78,78,78,78	0
86	MG	5	4082	1/1	0.71	0.24	66,66,66,66	0
86	MG	6	2139	1/1	0.72	0.31	112,112,112,112	0
86	MG	1	3815	1/1	0.72	0.27	54,54,54,54	0
86	MG	1	3830	1/1	0.72	0.36	29,29,29,29	0
86	MG	5	4152	1/1	0.72	0.30	48,48,48,48	0
86	MG	1	4045	1/1	0.72	0.15	106,106,106,106	0
86	MG	6	2081	1/1	0.72	0.26	85,85,85,85	0
86	MG	5	4170	1/1	0.72	0.24	55,55,55,55	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	5	3831	1/1	0.72	0.39	32,32,32,32	0
86	MG	6	2089	1/1	0.72	0.41	84,84,84,84	0
86	MG	1	3834	1/1	0.72	0.44	43,43,43,43	0
86	MG	2	2060	1/1	0.72	0.28	75,75,75,75	0
85	OHX	4	212	7/7	0.72	0.26	135,135,135,135	0
86	MG	6	2111	1/1	0.72	0.26	86,86,86,86	0
86	MG	5	3952	1/1	0.73	0.12	38,38,38,38	0
86	MG	6	2179	1/1	0.73	0.42	55,55,55,55	0
86	MG	1	4076	1/1	0.73	0.15	45,45,45,45	0
86	MG	5	4095	1/1	0.73	0.11	59,59,59,59	0
85	OHX	1	3725	7/7	0.73	0.17	178,178,178,178	0
86	MG	n6	202	1/1	0.73	0.29	44,44,44,44	0
86	MG	1	3893	1/1	0.73	0.35	52,52,52,52	0
86	MG	1	3896	1/1	0.73	0.37	47,47,47,47	0
86	MG	5	4053	1/1	0.73	0.33	77,77,77,77	0
86	MG	2	2122	1/1	0.73	0.25	74,74,74,74	0
86	MG	5	3858	1/1	0.73	0.32	39,39,39,39	0
86	MG	2	2085	1/1	0.73	0.34	97,97,97,97	0
86	MG	2	2066	1/1	0.73	0.41	98,98,98,98	0
86	MG	1	3971	1/1	0.73	0.21	46,46,46,46	0
86	MG	5	4148	1/1	0.74	0.27	52,52,52,52	0
86	MG	1	3919	1/1	0.74	0.29	67,67,67,67	0
86	MG	6	2108	1/1	0.74	0.42	77,77,77,77	0
86	MG	6	2110	1/1	0.74	0.29	85,85,85,85	0
86	MG	O2	201	1/1	0.74	0.20	48,48,48,48	0
86	MG	2	2049	1/1	0.74	0.33	58,58,58,58	0
86	MG	5	3884	1/1	0.74	0.46	47,47,47,47	0
86	MG	5	4055	1/1	0.74	0.14	47,47,47,47	0
86	MG	2	2078	1/1	0.74	0.23	77,77,77,77	0
86	MG	1	4011	1/1	0.74	0.20	41,41,41,41	0
86	MG	5	3948	1/1	0.74	0.22	50,50,50,50	0
86	MG	6	2126	1/1	0.74	0.19	82,82,82,82	0
86	MG	1	4016	1/1	0.74	0.24	61,61,61,61	0
86	MG	1	3972	1/1	0.74	0.21	49,49,49,49	0
86	MG	S4	301	1/1	0.74	0.33	82,82,82,82	0
86	MG	1	4106	1/1	0.74	0.29	55,55,55,55	0
86	MG	1	4107	1/1	0.74	0.13	44,44,44,44	0
86	MG	6	2071	1/1	0.74	0.27	73,73,73,73	0
86	MG	5	3981	1/1	0.74	0.48	58,58,58,58	0
86	MG	5	3983	1/1	0.74	0.22	36,36,36,36	0
86	MG	2	2128	1/1	0.74	0.17	56,56,56,56	0
86	MG	5	4129	1/1	0.74	0.36	66,66,66,66	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	1	3977	1/1	0.74	0.38	48,48,48,48	0
86	MG	1	3786	1/1	0.74	0.42	37,37,37,37	0
86	MG	M7	203	1/1	0.74	0.53	65,65,65,65	0
86	MG	1	3818	1/1	0.74	0.34	38,38,38,38	0
86	MG	1	3954	1/1	0.74	0.25	58,58,58,58	0
86	MG	6	2115	1/1	0.75	0.17	56,56,56,56	0
86	MG	6	2181	1/1	0.75	0.27	62,62,62,62	0
86	MG	8	226	1/1	0.75	0.20	55,55,55,55	0
86	MG	1	4102	1/1	0.75	0.66	77,77,77,77	0
86	MG	5	3988	1/1	0.75	0.18	68,68,68,68	0
86	MG	6	2185	1/1	0.75	0.25	71,71,71,71	0
86	MG	5	3997	1/1	0.75	0.24	76,76,76,76	0
86	MG	1	4121	1/1	0.75	0.26	56,56,56,56	0
86	MG	1	3949	1/1	0.75	0.32	43,43,43,43	0
86	MG	6	2056	1/1	0.75	0.29	82,82,82,82	0
86	MG	1	3841	1/1	0.75	0.41	42,42,42,42	0
86	MG	1	4048	1/1	0.75	0.40	67,67,67,67	0
86	MG	2	2056	1/1	0.75	0.28	57,57,57,57	0
86	MG	3	216	1/1	0.75	0.27	71,71,71,71	0
86	MG	1	3836	1/1	0.75	0.41	30,30,30,30	0
86	MG	1	3992	1/1	0.75	0.15	51,51,51,51	0
86	MG	1	4036	1/1	0.75	0.19	58,58,58,58	0
86	MG	1	3760	1/1	0.76	0.38	47,47,47,47	0
86	MG	5	3990	1/1	0.76	0.22	36,36,36,36	0
86	MG	6	2148	1/1	0.76	0.15	65,65,65,65	0
85	OHX	6	2039	7/7	0.76	0.16	166,166,166,166	0
86	MG	1	3738	1/1	0.76	0.26	50,50,50,50	0
86	MG	5	4001	1/1	0.76	0.14	38,38,38,38	0
86	MG	1	3795	1/1	0.76	0.24	39,39,39,39	0
86	MG	2	2071	1/1	0.76	0.35	74,74,74,74	0
86	MG	6	2162	1/1	0.76	0.37	71,71,71,71	0
86	MG	5	4022	1/1	0.76	0.29	41,41,41,41	0
86	MG	6	2163	1/1	0.76	0.47	79,79,79,79	0
86	MG	5	3846	1/1	0.76	0.47	38,38,38,38	0
85	OHX	5	3746	7/7	0.76	0.17	172,172,172,172	0
86	MG	1	3845	1/1	0.76	0.39	59,59,59,59	0
86	MG	1	3866	1/1	0.76	0.38	47,47,47,47	0
86	MG	1	4126	1/1	0.76	0.39	87,87,87,87	0
86	MG	5	3903	1/1	0.76	0.30	37,37,37,37	0
86	MG	5	3904	1/1	0.76	0.37	35,35,35,35	0
86	MG	5	4059	1/1	0.76	0.24	74,74,74,74	0
86	MG	1	3750	1/1	0.76	0.38	39,39,39,39	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	2	2087	1/1	0.76	0.49	95,95,95,95	0
86	MG	1	4080	1/1	0.76	0.21	46,46,46,46	0
86	MG	6	2085	1/1	0.76	0.40	74,74,74,74	0
86	MG	N8	201	1/1	0.76	0.21	48,48,48,48	0
86	MG	6	2093	1/1	0.76	0.27	42,42,42,42	0
86	MG	6	2099	1/1	0.76	0.25	57,57,57,57	0
86	MG	n8	201	1/1	0.76	0.28	49,49,49,49	0
86	MG	5	4093	1/1	0.76	0.17	49,49,49,49	0
86	MG	6	2141	1/1	0.76	0.37	59,59,59,59	0
86	MG	5	4101	1/1	0.76	0.24	34,34,34,34	0
86	MG	5	3965	1/1	0.76	0.22	56,56,56,56	0
86	MG	5	3763	1/1	0.76	0.32	28,28,28,28	0
86	MG	5	3765	1/1	0.76	0.19	68,68,68,68	0
86	MG	3	214	1/1	0.76	0.37	68,68,68,68	0
86	MG	1	3809	1/1	0.76	0.45	41,41,41,41	0
85	OHX	2	2022	7/7	0.77	0.48	127,127,127,127	0
86	MG	5	3840	1/1	0.77	0.33	34,34,34,34	0
86	MG	1	4071	1/1	0.77	0.14	38,38,38,38	0
86	MG	5	3982	1/1	0.77	0.16	36,36,36,36	0
85	OHX	5	3730	7/7	0.77	0.17	158,158,158,158	0
85	OHX	2	2024	7/7	0.77	0.18	154,154,154,154	0
86	MG	5	3989	1/1	0.77	0.19	50,50,50,50	0
86	MG	5	3873	1/1	0.77	0.25	36,36,36,36	0
86	MG	1	4000	1/1	0.77	0.29	58,58,58,58	0
86	MG	7	220	1/1	0.77	0.26	44,44,44,44	0
86	MG	6	2086	1/1	0.77	0.28	61,61,61,61	0
86	MG	5	3893	1/1	0.77	0.28	48,48,48,48	0
86	MG	5	4000	1/1	0.77	0.21	42,42,42,42	0
86	MG	5	4097	1/1	0.77	0.09	75,75,75,75	0
86	MG	2	2072	1/1	0.77	0.26	62,62,62,62	0
86	MG	5	3780	1/1	0.77	0.20	41,41,41,41	0
86	MG	1	3740	1/1	0.77	0.23	41,41,41,41	0
86	MG	5	4018	1/1	0.77	0.38	54,54,54,54	0
86	MG	5	3792	1/1	0.77	0.18	52,52,52,52	0
86	MG	6	2118	1/1	0.77	0.29	59,59,59,59	0
86	MG	6	2095	1/1	0.77	0.31	47,47,47,47	0
86	MG	q1	101	1/1	0.77	0.86	52,52,52,52	0
86	MG	5	4133	1/1	0.77	0.22	55,55,55,55	0
86	MG	6	2097	1/1	0.77	0.19	76,76,76,76	0
86	MG	5	4040	1/1	0.77	0.31	46,46,46,46	0
86	MG	2	2050	1/1	0.77	0.22	87,87,87,87	0
86	MG	5	3821	1/1	0.77	0.13	72,72,72,72	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	5	3822	1/1	0.77	0.23	50,50,50,50	0
86	MG	6	2069	1/1	0.77	0.34	71,71,71,71	0
86	MG	5	4149	1/1	0.77	0.25	51,51,51,51	0
85	OHX	2	2041	7/7	0.78	0.17	159,159,159,159	0
86	MG	1	4043	1/1	0.78	0.24	52,52,52,52	0
86	MG	6	2109	1/1	0.78	0.23	65,65,65,65	0
86	MG	5	4098	1/1	0.78	0.28	54,54,54,54	0
86	MG	1	4082	1/1	0.78	0.13	53,53,53,53	0
85	OHX	1	3726	7/7	0.78	0.20	140,140,140,140	0
86	MG	1	3796	1/1	0.78	0.26	31,31,31,31	0
86	MG	5	4029	1/1	0.78	0.19	62,62,62,62	0
85	OHX	1	3734	7/7	0.78	0.20	136,136,136,136	0
86	MG	C2	204	1/1	0.78	0.41	69,69,69,69	0
86	MG	s6	301	1/1	0.78	0.20	105,105,105,105	0
86	MG	5	3970	1/1	0.78	0.32	49,49,49,49	0
86	MG	4	223	1/1	0.78	0.22	65,65,65,65	0
86	MG	5	3756	1/1	0.78	0.39	46,46,46,46	0
86	MG	1	4024	1/1	0.78	0.19	57,57,57,57	0
86	MG	5	3984	1/1	0.78	0.19	30,30,30,30	0
86	MG	6	2159	1/1	0.78	0.18	81,81,81,81	0
86	MG	2	2080	1/1	0.78	0.15	78,78,78,78	0
86	MG	1	3762	1/1	0.78	0.26	44,44,44,44	0
86	MG	1	3861	1/1	0.78	0.24	65,65,65,65	0
86	MG	6	2100	1/1	0.78	0.46	42,42,42,42	0
86	MG	1	4034	1/1	0.78	0.15	51,51,51,51	0
86	MG	5	4156	1/1	0.78	0.27	55,55,55,55	0
85	OHX	1	3715	7/7	0.78	0.17	147,147,147,147	0
86	MG	5	3794	1/1	0.78	0.31	56,56,56,56	0
86	MG	5	4042	1/1	0.79	0.26	35,35,35,35	0
85	OHX	6	2029	7/7	0.79	0.17	159,159,159,159	0
86	MG	2	2070	1/1	0.79	0.32	62,62,62,62	0
85	OHX	5	3731	7/7	0.79	0.19	146,146,146,146	0
86	MG	1	3778	1/1	0.79	0.30	40,40,40,40	0
86	MG	5	3808	1/1	0.79	0.20	114,114,114,114	0
86	MG	1	3858	1/1	0.79	0.30	45,45,45,45	0
86	MG	1	4086	1/1	0.79	0.41	55,55,55,55	0
86	MG	1	3938	1/1	0.79	0.28	60,60,60,60	0
86	MG	1	3780	1/1	0.79	0.30	42,42,42,42	0
86	MG	6	2094	1/1	0.79	0.34	52,52,52,52	0
86	MG	5	3833	1/1	0.79	0.41	70,70,70,70	0
86	MG	7	219	1/1	0.79	0.17	50,50,50,50	0
85	OHX	6	2049	7/7	0.79	0.17	157,157,157,157	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	1	3876	1/1	0.79	0.17	48,48,48,48	0
86	MG	1	3816	1/1	0.79	0.25	40,40,40,40	0
86	MG	5	3850	1/1	0.79	0.34	27,27,27,27	0
86	MG	O7	104	1/1	0.79	0.28	58,58,58,58	0
86	MG	3	201	1/1	0.79	0.38	33,33,33,33	0
86	MG	5	3861	1/1	0.79	0.30	33,33,33,33	0
86	MG	5	3870	1/1	0.79	0.25	43,43,43,43	0
86	MG	5	3749	1/1	0.79	0.20	52,52,52,52	0
86	MG	m1	202	1/1	0.79	0.17	59,59,59,59	0
86	MG	1	3817	1/1	0.79	0.25	53,53,53,53	0
86	MG	5	3882	1/1	0.79	0.25	44,44,44,44	0
85	OHX	5	3669	7/7	0.79	0.18	192,192,192,192	0
86	MG	o2	202	1/1	0.79	0.21	38,38,38,38	0
86	MG	5	4121	1/1	0.79	0.32	44,44,44,44	0
86	MG	1	3959	1/1	0.79	0.13	74,74,74,74	0
86	MG	1	3963	1/1	0.79	0.29	70,70,70,70	0
86	MG	1	3969	1/1	0.79	0.12	35,35,35,35	0
86	MG	5	3915	1/1	0.79	0.35	38,38,38,38	0
86	MG	1	4103	1/1	0.79	0.26	51,51,51,51	0
86	MG	5	4032	1/1	0.79	0.39	70,70,70,70	0
86	MG	SM	301	1/1	0.79	0.19	57,57,57,57	0
86	MG	1	4022	1/1	0.79	0.36	56,56,56,56	0
86	MG	6	2120	1/1	0.80	0.32	62,62,62,62	0
86	MG	2	2118	1/1	0.80	0.31	51,51,51,51	0
86	MG	5	4012	1/1	0.80	0.17	69,69,69,69	0
86	MG	5	4013	1/1	0.80	0.16	48,48,48,48	0
85	OHX	1	3704	7/7	0.80	0.14	190,190,190,190	0
85	OHX	5	3726	7/7	0.80	0.17	151,151,151,151	0
86	MG	5	3876	1/1	0.80	0.39	34,34,34,34	0
86	MG	1	4039	1/1	0.80	0.24	44,44,44,44	0
86	MG	4	222	1/1	0.80	0.17	43,43,43,43	0
86	MG	6	2080	1/1	0.80	0.55	69,69,69,69	0
86	MG	1	3912	1/1	0.80	0.23	34,34,34,34	0
86	MG	1	3913	1/1	0.80	0.30	39,39,39,39	0
86	MG	5	4155	1/1	0.80	0.28	62,62,62,62	0
86	MG	1	3983	1/1	0.80	0.27	80,80,80,80	0
86	MG	2	2103	1/1	0.80	0.26	93,93,93,93	0
86	MG	5	3921	1/1	0.80	0.30	28,28,28,28	0
86	MG	5	3932	1/1	0.80	0.26	42,42,42,42	0
86	MG	1	3822	1/1	0.80	0.27	56,56,56,56	0
85	OHX	M9	201	7/7	0.80	0.15	163,163,163,163	0
86	MG	1	3833	1/1	0.80	0.41	39,39,39,39	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	6	2146	1/1	0.80	0.28	55,55,55,55	0
86	MG	6	2147	1/1	0.80	0.35	62,62,62,62	0
86	MG	1	3996	1/1	0.80	0.09	47,47,47,47	0
86	MG	7	222	1/1	0.80	0.16	48,48,48,48	0
86	MG	5	3799	1/1	0.80	0.25	43,43,43,43	0
86	MG	1	4109	1/1	0.80	0.31	36,36,36,36	0
85	OHX	1	3718	7/7	0.80	0.12	204,204,204,204	0
86	MG	5	3966	1/1	0.80	0.28	38,38,38,38	0
86	MG	l3	406	1/1	0.80	0.24	44,44,44,44	0
85	OHX	6	2035	7/7	0.80	0.22	144,144,144,144	0
86	MG	1	3839	1/1	0.80	0.37	39,39,39,39	0
86	MG	5	4086	1/1	0.80	0.23	92,92,92,92	0
85	OHX	7	210	7/7	0.80	0.19	140,140,140,140	0
86	MG	m4	202	1/1	0.80	0.13	42,42,42,42	0
86	MG	5	3980	1/1	0.80	0.23	46,46,46,46	0
85	OHX	l4	402	7/7	0.80	0.37	134,134,134,134	0
85	OHX	m4	201	7/7	0.80	0.14	181,181,181,181	0
86	MG	n9	103	1/1	0.80	0.27	40,40,40,40	0
85	OHX	1	3731	7/7	0.80	0.16	144,144,144,144	0
86	MG	o4	202	1/1	0.80	0.49	61,61,61,61	0
86	MG	2	2065	1/1	0.80	0.29	50,50,50,50	0
86	MG	2	2081	1/1	0.80	0.40	77,77,77,77	0
86	MG	5	4109	1/1	0.80	0.24	31,31,31,31	0
85	OHX	1	3721	7/7	0.80	0.20	137,137,137,137	0
86	MG	5	3841	1/1	0.80	0.31	53,53,53,53	0
86	MG	1	3966	1/1	0.80	0.20	64,64,64,64	0
86	MG	5	4116	1/1	0.80	0.20	67,67,67,67	0
86	MG	1	3891	1/1	0.80	0.30	36,36,36,36	0
86	MG	6	2119	1/1	0.80	0.19	76,76,76,76	0
86	MG	6	2155	1/1	0.81	0.21	108,108,108,108	0
86	MG	5	3802	1/1	0.81	0.18	31,31,31,31	0
85	OHX	6	1987	7/7	0.81	0.17	156,156,156,156	0
86	MG	6	2160	1/1	0.81	0.29	71,71,71,71	0
85	OHX	5	3675	7/7	0.81	0.18	149,149,149,149	0
85	OHX	6	2024	7/7	0.81	0.17	142,142,142,142	0
86	MG	S8	302	1/1	0.81	0.17	69,69,69,69	0
86	MG	1	4069	1/1	0.81	0.34	69,69,69,69	0
86	MG	4	229	1/1	0.81	0.15	51,51,51,51	0
86	MG	5	3827	1/1	0.81	0.11	45,45,45,45	0
86	MG	2	2090	1/1	0.81	0.29	72,72,72,72	0
86	MG	5	4068	1/1	0.81	0.25	36,36,36,36	0
86	MG	1	3909	1/1	0.81	0.35	36,36,36,36	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	5	3974	1/1	0.81	0.17	58,58,58,58	0
86	MG	1	3788	1/1	0.81	0.22	32,32,32,32	0
86	MG	1	3790	1/1	0.81	0.13	41,41,41,41	0
86	MG	5	4081	1/1	0.81	0.22	49,49,49,49	0
86	MG	6	2082	1/1	0.81	0.27	70,70,70,70	0
86	MG	6	2084	1/1	0.81	0.23	48,48,48,48	0
86	MG	8	223	1/1	0.81	0.28	50,50,50,50	0
86	MG	1	4077	1/1	0.81	0.20	88,88,88,88	0
86	MG	2	2112	1/1	0.81	0.25	80,80,80,80	0
86	MG	1	3837	1/1	0.81	0.28	37,37,37,37	0
85	OHX	6	2045	7/7	0.81	0.18	154,154,154,154	0
86	MG	5	3991	1/1	0.81	0.15	47,47,47,47	0
86	MG	6	2138	1/1	0.81	0.32	67,67,67,67	0
86	MG	5	4102	1/1	0.81	0.25	42,42,42,42	0
86	MG	1	3980	1/1	0.81	0.24	58,58,58,58	0
86	MG	1	3840	1/1	0.81	0.22	34,34,34,34	0
86	MG	6	2096	1/1	0.81	0.43	73,73,73,73	0
85	OHX	1	3669	7/7	0.81	0.16	161,161,161,161	0
86	MG	5	4004	1/1	0.81	0.14	53,53,53,53	0
86	MG	1	3749	1/1	0.81	0.34	66,66,66,66	0
86	MG	5	4120	1/1	0.81	0.13	52,52,52,52	0
85	OHX	s1	302	7/7	0.81	0.17	154,154,154,154	0
86	MG	5	3777	1/1	0.81	0.21	44,44,44,44	0
86	MG	2	2127	1/1	0.81	0.46	60,60,60,60	0
86	MG	5	3908	1/1	0.81	0.51	41,41,41,41	0
86	MG	6	2052	1/1	0.81	0.38	49,49,49,49	0
86	MG	1	3759	1/1	0.81	0.30	47,47,47,47	0
86	MG	5	3924	1/1	0.81	0.29	49,49,49,49	0
86	MG	1	4046	1/1	0.81	0.30	55,55,55,55	0
86	MG	2	2086	1/1	0.81	0.18	65,65,65,65	0
85	OHX	2	2028	7/7	0.82	0.13	175,175,175,175	0
86	MG	5	3874	1/1	0.82	0.39	43,43,43,43	0
86	MG	2	2051	1/1	0.82	0.30	80,80,80,80	0
85	OHX	5	3740	7/7	0.82	0.34	134,134,134,134	0
86	MG	5	3750	1/1	0.82	0.28	34,34,34,34	0
86	MG	6	2083	1/1	0.82	0.32	43,43,43,43	0
86	MG	1	4099	1/1	0.82	0.12	52,52,52,52	0
85	OHX	4	213	7/7	0.82	0.34	137,137,137,137	0
86	MG	2	2121	1/1	0.82	0.21	88,88,88,88	0
86	MG	5	3907	1/1	0.82	0.30	33,33,33,33	0
86	MG	5	3774	1/1	0.82	0.13	31,31,31,31	0
85	OHX	6	2033	7/7	0.82	0.17	156,156,156,156	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	5	3916	1/1	0.82	0.40	52,52,52,52	0
86	MG	5	3917	1/1	0.82	0.39	41,41,41,41	0
86	MG	6	2092	1/1	0.82	0.24	58,58,58,58	0
86	MG	2	2076	1/1	0.82	0.29	75,75,75,75	0
86	MG	5	4168	1/1	0.82	0.40	38,38,38,38	0
86	MG	1	3950	1/1	0.82	0.31	71,71,71,71	0
86	MG	1	4064	1/1	0.82	0.16	81,81,81,81	0
86	MG	M7	207	1/1	0.82	0.24	56,56,56,56	0
86	MG	5	4173	1/1	0.82	0.23	43,43,43,43	0
86	MG	1	3953	1/1	0.82	0.12	57,57,57,57	0
86	MG	5	3795	1/1	0.82	0.23	36,36,36,36	0
86	MG	1	3883	1/1	0.82	0.41	51,51,51,51	0
85	OHX	l3	402	7/7	0.82	0.17	145,145,145,145	0
86	MG	1	4113	1/1	0.82	0.24	34,34,34,34	0
86	MG	1	4114	1/1	0.82	0.28	41,41,41,41	0
86	MG	1	4009	1/1	0.82	0.26	65,65,65,65	0
86	MG	5	3811	1/1	0.82	0.14	39,39,39,39	0
86	MG	1	3763	1/1	0.82	0.37	44,44,44,44	0
85	OHX	1	3709	7/7	0.82	0.17	166,166,166,166	0
86	MG	5	3819	1/1	0.82	0.12	49,49,49,49	0
86	MG	5	4091	1/1	0.82	0.25	73,73,73,73	0
86	MG	1	3961	1/1	0.82	0.21	36,36,36,36	0
86	MG	1	3773	1/1	0.82	0.37	64,64,64,64	0
85	OHX	5	3711	7/7	0.82	0.35	134,134,134,134	0
86	MG	1	3967	1/1	0.82	0.19	42,42,42,42	0
86	MG	m6	201	1/1	0.82	0.18	40,40,40,40	0
86	MG	6	2174	1/1	0.82	0.43	62,62,62,62	0
86	MG	5	4099	1/1	0.82	0.32	63,63,63,63	0
85	OHX	5	3717	7/7	0.82	0.18	143,143,143,143	0
86	MG	6	2176	1/1	0.82	0.20	54,54,54,54	0
86	MG	2	2047	1/1	0.82	0.32	65,65,65,65	0
86	MG	2	2131	1/1	0.82	0.24	80,80,80,80	0
86	MG	5	3848	1/1	0.82	0.17	38,38,38,38	0
86	MG	5	3993	1/1	0.82	0.22	39,39,39,39	0
86	MG	5	4114	1/1	0.82	0.12	59,59,59,59	0
85	OHX	O4	201	7/7	0.82	0.40	135,135,135,135	0
85	OHX	1	3688	7/7	0.82	0.16	146,146,146,146	0
86	MG	3	218	1/1	0.82	0.41	81,81,81,81	0
86	MG	1	3925	1/1	0.82	0.26	73,73,73,73	0
86	MG	5	4122	1/1	0.82	0.12	53,53,53,53	0
86	MG	1	4041	1/1	0.82	0.28	45,45,45,45	0
87	ZN	q2	501	1/1	0.82	0.31	83,83,83,83	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	1	3862	1/1	0.83	0.18	40,40,40,40	0
85	OHX	5	3745	7/7	0.83	0.17	139,139,139,139	0
86	MG	5	4164	1/1	0.83	0.29	45,45,45,45	0
85	OHX	2	2039	7/7	0.83	0.20	153,153,153,153	0
86	MG	5	4167	1/1	0.83	0.13	65,65,65,65	0
86	MG	5	4074	1/1	0.83	0.25	51,51,51,51	0
86	MG	1	4058	1/1	0.83	0.12	70,70,70,70	0
86	MG	1	3877	1/1	0.83	0.22	35,35,35,35	0
86	MG	4	225	1/1	0.83	0.31	41,41,41,41	0
86	MG	5	3899	1/1	0.83	0.36	33,33,33,33	0
86	MG	6	2076	1/1	0.83	0.19	58,58,58,58	0
86	MG	1	3812	1/1	0.83	0.39	40,40,40,40	0
86	MG	5	4094	1/1	0.83	0.14	35,35,35,35	0
85	OHX	S9	201	7/7	0.83	0.43	127,127,127,127	0
85	OHX	5	3654	7/7	0.83	0.39	134,134,134,134	0
85	OHX	5	3657	7/7	0.83	0.48	113,113,113,113	0
85	OHX	1	3735	7/7	0.83	0.17	153,153,153,153	0
86	MG	2	2067	1/1	0.83	0.43	71,71,71,71	0
86	MG	5	3816	1/1	0.83	0.18	37,37,37,37	0
86	MG	5	3923	1/1	0.83	0.37	36,36,36,36	0
85	OHX	5	3673	7/7	0.83	0.21	130,130,130,130	0
86	MG	1	3831	1/1	0.83	0.28	30,30,30,30	0
85	OHX	1	3698	7/7	0.83	0.16	148,148,148,148	0
85	OHX	1	3723	7/7	0.83	0.41	115,115,115,115	0
86	MG	5	3826	1/1	0.83	0.33	51,51,51,51	0
86	MG	6	2184	1/1	0.83	0.37	58,58,58,58	0
85	OHX	6	2037	7/7	0.83	0.19	146,146,146,146	0
86	MG	2	2129	1/1	0.83	0.44	80,80,80,80	0
86	MG	1	4037	1/1	0.83	0.14	104,104,104,104	0
85	OHX	5	3724	7/7	0.83	0.13	175,175,175,175	0
85	OHX	1	3599	7/7	0.83	0.35	126,126,126,126	0
86	MG	1	3799	1/1	0.83	0.23	50,50,50,50	0
85	OHX	6	2041	7/7	0.83	0.15	153,153,153,153	0
86	MG	5	4049	1/1	0.83	0.23	54,54,54,54	0
86	MG	1	3856	1/1	0.83	0.31	32,32,32,32	0
85	OHX	1	3619	7/7	0.83	0.16	146,146,146,146	0
86	MG	5	3771	1/1	0.83	0.25	50,50,50,50	0
86	MG	5	4057	1/1	0.83	0.11	115,115,115,115	0
86	MG	5	3975	1/1	0.83	0.09	40,40,40,40	0
86	MG	6	2057	1/1	0.83	0.29	49,49,49,49	0
86	MG	5	4067	1/1	0.83	0.36	39,39,39,39	0
86	MG	3	217	1/1	0.83	0.39	66,66,66,66	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	6	2047	7/7	0.83	0.14	168,168,168,168	0
86	MG	1	3844	1/1	0.84	0.37	33,33,33,33	0
86	MG	5	3995	1/1	0.84	0.16	47,47,47,47	0
86	MG	5	3860	1/1	0.84	0.24	37,37,37,37	0
86	MG	1	3947	1/1	0.84	0.19	34,34,34,34	0
86	MG	5	3862	1/1	0.84	0.43	54,54,54,54	0
86	MG	1	4010	1/1	0.84	0.20	35,35,35,35	0
86	MG	5	4002	1/1	0.84	0.23	38,38,38,38	0
86	MG	5	4131	1/1	0.84	0.32	86,86,86,86	0
86	MG	5	3755	1/1	0.84	0.24	52,52,52,52	0
85	OHX	5	3735	7/7	0.84	0.14	158,158,158,158	0
86	MG	5	4136	1/1	0.84	0.33	55,55,55,55	0
86	MG	5	4137	1/1	0.84	0.31	36,36,36,36	0
86	MG	5	3762	1/1	0.84	0.12	34,34,34,34	0
86	MG	5	4141	1/1	0.84	0.23	28,28,28,28	0
86	MG	5	3878	1/1	0.84	0.23	37,37,37,37	0
86	MG	6	2067	1/1	0.84	0.29	42,42,42,42	0
86	MG	3	213	1/1	0.84	0.28	44,44,44,44	0
86	MG	1	3800	1/1	0.84	0.22	51,51,51,51	0
86	MG	5	4020	1/1	0.84	0.25	62,62,62,62	0
85	OHX	5	3736	7/7	0.84	0.17	141,141,141,141	0
86	MG	5	3894	1/1	0.84	0.35	36,36,36,36	0
86	MG	5	4026	1/1	0.84	0.12	54,54,54,54	0
86	MG	5	4154	1/1	0.84	0.17	40,40,40,40	0
86	MG	1	3746	1/1	0.84	0.24	53,53,53,53	0
85	OHX	5	3738	7/7	0.84	0.17	160,160,160,160	0
86	MG	5	4037	1/1	0.84	0.28	39,39,39,39	0
86	MG	1	4023	1/1	0.84	0.45	47,47,47,47	0
86	MG	1	3864	1/1	0.84	0.28	53,53,53,53	0
86	MG	5	4041	1/1	0.84	0.32	47,47,47,47	0
85	OHX	2	2038	7/7	0.84	0.18	143,143,143,143	0
86	MG	5	3787	1/1	0.84	0.18	34,34,34,34	0
86	MG	1	3960	1/1	0.84	0.31	46,46,46,46	0
86	MG	1	4029	1/1	0.84	0.20	73,73,73,73	0
86	MG	5	3793	1/1	0.84	0.20	46,46,46,46	0
86	MG	5	4052	1/1	0.84	0.30	75,75,75,75	0
86	MG	7	214	1/1	0.84	0.13	27,27,27,27	0
85	OHX	1	3683	7/7	0.84	0.17	153,153,153,153	0
85	OHX	5	3692	7/7	0.84	0.15	148,148,148,148	0
85	OHX	5	3710	7/7	0.84	0.35	137,137,137,137	0
86	MG	L3	403	1/1	0.84	0.18	38,38,38,38	0
85	OHX	2	2010	7/7	0.84	0.37	134,134,134,134	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	8	219	1/1	0.84	0.16	42,42,42,42	0
86	MG	2	2062	1/1	0.84	0.25	74,74,74,74	0
85	OHX	6	2032	7/7	0.84	0.17	140,140,140,140	0
85	OHX	l5	303	7/7	0.84	0.36	136,136,136,136	0
86	MG	5	3954	1/1	0.84	0.15	46,46,46,46	0
86	MG	l3	404	1/1	0.84	0.36	49,49,49,49	0
86	MG	1	3823	1/1	0.84	0.15	40,40,40,40	0
86	MG	M7	204	1/1	0.84	0.29	43,43,43,43	0
86	MG	1	3905	1/1	0.84	0.39	33,33,33,33	0
86	MG	5	3818	1/1	0.84	0.25	51,51,51,51	0
86	MG	1	3825	1/1	0.84	0.33	38,38,38,38	0
86	MG	N3	201	1/1	0.84	0.25	38,38,38,38	0
86	MG	5	4084	1/1	0.84	0.14	143,143,143,143	0
86	MG	5	3968	1/1	0.84	0.20	42,42,42,42	0
86	MG	1	3828	1/1	0.84	0.32	35,35,35,35	0
86	MG	5	3823	1/1	0.84	0.25	50,50,50,50	0
85	OHX	l5	304	7/7	0.84	0.33	134,134,134,134	0
86	MG	1	4052	1/1	0.84	0.18	49,49,49,49	0
85	OHX	1	3649	7/7	0.84	0.41	118,118,118,118	0
86	MG	1	3783	1/1	0.84	0.46	65,65,65,65	0
85	OHX	o4	201	7/7	0.84	0.41	126,126,126,126	0
86	MG	D9	104	1/1	0.84	0.24	89,89,89,89	0
85	OHX	1	3664	7/7	0.84	0.32	137,137,137,137	0
86	MG	5	3986	1/1	0.84	0.28	35,35,35,35	0
86	MG	5	3845	1/1	0.84	0.29	44,44,44,44	0
86	MG	1	3793	1/1	0.84	0.25	46,46,46,46	0
85	OHX	1	3668	7/7	0.84	0.19	148,148,148,148	0
86	MG	1	4124	1/1	0.84	0.34	59,59,59,59	0
85	OHX	1	3729	7/7	0.84	0.17	134,134,134,134	0
86	MG	6	2172	1/1	0.85	0.16	74,74,74,74	0
86	MG	5	4110	1/1	0.85	0.22	34,34,34,34	0
85	OHX	s9	201	7/7	0.85	0.38	126,126,126,126	0
85	OHX	6	2023	7/7	0.85	0.16	155,155,155,155	0
85	OHX	2	2034	7/7	0.85	0.17	135,135,135,135	0
86	MG	5	3832	1/1	0.85	0.33	54,54,54,54	0
85	OHX	1	3696	7/7	0.85	0.17	139,139,139,139	0
86	MG	5	4117	1/1	0.85	0.29	48,48,48,48	0
86	MG	5	3835	1/1	0.85	0.22	37,37,37,37	0
86	MG	2	2094	1/1	0.85	0.30	75,75,75,75	0
86	MG	6	2104	1/1	0.85	0.36	63,63,63,63	0
86	MG	5	4126	1/1	0.85	0.27	49,49,49,49	0
86	MG	5	4127	1/1	0.85	0.25	61,61,61,61	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	8	213	7/7	0.85	0.26	124,124,124,124	0
86	MG	1	3875	1/1	0.85	0.33	54,54,54,54	0
85	OHX	2	2035	7/7	0.85	0.12	223,223,223,223	0
85	OHX	5	3674	7/7	0.85	0.13	178,178,178,178	0
86	MG	1	3811	1/1	0.85	0.26	53,53,53,53	0
86	MG	5	3996	1/1	0.85	0.41	56,56,56,56	0
85	OHX	2	2037	7/7	0.85	0.11	242,242,242,242	0
86	MG	1	3890	1/1	0.85	0.34	26,26,26,26	0
86	MG	c1	202	1/1	0.85	0.23	52,52,52,52	0
85	OHX	5	3682	7/7	0.85	0.52	103,103,103,103	0
86	MG	1	3751	1/1	0.85	0.11	59,59,59,59	0
85	OHX	5	3691	7/7	0.85	0.40	110,110,110,110	0
86	MG	1	3755	1/1	0.85	0.27	40,40,40,40	0
86	MG	1	3903	1/1	0.85	0.33	43,43,43,43	0
86	MG	5	3759	1/1	0.85	0.29	36,36,36,36	0
86	MG	6	2124	1/1	0.85	0.24	54,54,54,54	0
86	MG	5	3880	1/1	0.85	0.44	54,54,54,54	0
86	MG	5	4153	1/1	0.85	0.21	38,38,38,38	0
86	MG	1	3758	1/1	0.85	0.23	57,57,57,57	0
86	MG	1	4053	1/1	0.85	0.28	45,45,45,45	0
85	OHX	n5	201	7/7	0.85	0.13	193,193,193,193	0
86	MG	5	4161	1/1	0.85	0.25	113,113,113,113	0
86	MG	5	3887	1/1	0.85	0.16	49,49,49,49	0
86	MG	1	3911	1/1	0.85	0.23	46,46,46,46	0
85	OHX	1	3659	7/7	0.85	0.16	145,145,145,145	0
86	MG	5	3898	1/1	0.85	0.35	30,30,30,30	0
86	MG	5	4033	1/1	0.85	0.29	41,41,41,41	0
86	MG	1	4060	1/1	0.85	0.18	35,35,35,35	0
86	MG	5	3902	1/1	0.85	0.21	33,33,33,33	0
85	OHX	1	3713	7/7	0.85	0.16	140,140,140,140	0
86	MG	1	3988	1/1	0.85	0.38	58,58,58,58	0
86	MG	1	3989	1/1	0.85	0.15	47,47,47,47	0
86	MG	5	3781	1/1	0.85	0.21	30,30,30,30	0
86	MG	5	3911	1/1	0.85	0.16	30,30,30,30	0
86	MG	5	3783	1/1	0.85	0.31	57,57,57,57	0
86	MG	5	3785	1/1	0.85	0.19	39,39,39,39	0
85	OHX	6	2038	7/7	0.85	0.37	127,127,127,127	0
86	MG	5	3788	1/1	0.85	0.19	31,31,31,31	0
86	MG	5	3922	1/1	0.85	0.30	23,23,23,23	0
86	MG	8	220	1/1	0.85	0.24	41,41,41,41	0
85	OHX	2	1978	7/7	0.85	0.16	153,153,153,153	0
85	OHX	2	2026	7/7	0.85	0.14	168,168,168,168	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	5	3925	1/1	0.85	0.22	26,26,26,26	0
86	MG	5	3926	1/1	0.85	0.34	30,30,30,30	0
86	MG	5	3927	1/1	0.85	0.37	46,46,46,46	0
86	MG	5	3931	1/1	0.85	0.27	48,48,48,48	0
86	MG	1	4074	1/1	0.85	0.20	48,48,48,48	0
86	MG	6	2078	1/1	0.85	0.44	70,70,70,70	0
86	MG	5	3935	1/1	0.85	0.21	37,37,37,37	0
86	MG	5	3936	1/1	0.85	0.31	55,55,55,55	0
86	MG	5	3937	1/1	0.85	0.27	34,34,34,34	0
86	MG	5	4076	1/1	0.85	0.12	36,36,36,36	0
86	MG	5	4077	1/1	0.85	0.26	79,79,79,79	0
85	OHX	6	2042	7/7	0.85	0.17	139,139,139,139	0
85	OHX	2	2023	7/7	0.85	0.14	166,166,166,166	0
86	MG	1	4006	1/1	0.85	0.19	48,48,48,48	0
86	MG	5	3803	1/1	0.85	0.12	44,44,44,44	0
85	OHX	2	2032	7/7	0.85	0.14	168,168,168,168	0
85	OHX	5	3733	7/7	0.85	0.16	148,148,148,148	0
85	OHX	1	3724	7/7	0.85	0.34	136,136,136,136	0
86	MG	6	2157	1/1	0.85	0.23	49,49,49,49	0
86	MG	1	3941	1/1	0.85	0.35	34,34,34,34	0
86	MG	1	3942	1/1	0.85	0.19	38,38,38,38	0
86	MG	4	228	1/1	0.85	0.13	36,36,36,36	0
86	MG	1	4088	1/1	0.85	0.23	52,52,52,52	0
85	OHX	6	2050	7/7	0.85	0.14	173,173,173,173	0
85	OHX	6	2021	7/7	0.85	0.13	169,169,169,169	0
86	MG	2	2061	1/1	0.85	0.42	59,59,59,59	0
85	OHX	2	2018	7/7	0.86	0.18	151,151,151,151	0
85	OHX	5	3664	7/7	0.86	0.30	125,125,125,125	0
86	MG	6	2101	1/1	0.86	0.44	53,53,53,53	0
86	MG	5	3885	1/1	0.86	0.36	49,49,49,49	0
86	MG	5	4158	1/1	0.86	0.29	52,52,52,52	0
86	MG	2	2073	1/1	0.86	0.29	60,60,60,60	0
85	OHX	1	3631	7/7	0.86	0.25	135,135,135,135	0
86	MG	1	4030	1/1	0.86	0.24	43,43,43,43	0
86	MG	1	3854	1/1	0.86	0.26	43,43,43,43	0
86	MG	6	2165	1/1	0.86	0.27	70,70,70,70	0
86	MG	6	2107	1/1	0.86	0.15	48,48,48,48	0
85	OHX	3	211	7/7	0.86	0.16	165,165,165,165	0
85	OHX	1	3686	7/7	0.86	0.15	141,141,141,141	0
85	OHX	2	2043	7/7	0.86	0.13	179,179,179,179	0
86	MG	1	4038	1/1	0.86	0.17	60,60,60,60	0
86	MG	5	3909	1/1	0.86	0.32	25,25,25,25	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	S6	301	7/7	0.86	0.14	167,167,167,167	0
86	MG	1	3764	1/1	0.86	0.16	37,37,37,37	0
85	OHX	2	2003	7/7	0.86	0.17	144,144,144,144	0
86	MG	1	3771	1/1	0.86	0.28	37,37,37,37	0
86	MG	1	3990	1/1	0.86	0.27	47,47,47,47	0
86	MG	1	3946	1/1	0.86	0.18	52,52,52,52	0
86	MG	6	2182	1/1	0.86	0.27	76,76,76,76	0
86	MG	1	3772	1/1	0.86	0.21	32,32,32,32	0
85	OHX	6	1979	7/7	0.86	0.33	134,134,134,134	0
86	MG	1	3998	1/1	0.86	0.22	60,60,60,60	0
86	MG	s4	302	1/1	0.86	0.35	62,62,62,62	0
86	MG	4	226	1/1	0.86	0.20	56,56,56,56	0
86	MG	1	3819	1/1	0.86	0.25	33,33,33,33	0
86	MG	l3	405	1/1	0.86	0.14	39,39,39,39	0
86	MG	1	4104	1/1	0.86	0.34	46,46,46,46	0
85	OHX	5	3707	7/7	0.86	0.30	135,135,135,135	0
85	OHX	1	3699	7/7	0.86	0.15	147,147,147,147	0
86	MG	6	2133	1/1	0.86	0.13	84,84,84,84	0
85	OHX	6	1990	7/7	0.86	0.26	129,129,129,129	0
86	MG	5	3946	1/1	0.86	0.12	39,39,39,39	0
85	OHX	6	2010	7/7	0.86	0.15	146,146,146,146	0
86	MG	M0	302	1/1	0.86	0.16	40,40,40,40	0
86	MG	n6	201	1/1	0.86	0.37	58,58,58,58	0
86	MG	1	3787	1/1	0.86	0.24	35,35,35,35	0
85	OHX	1	3667	7/7	0.86	0.16	154,154,154,154	0
86	MG	n9	102	1/1	0.86	0.12	34,34,34,34	0
86	MG	5	3955	1/1	0.86	0.12	46,46,46,46	0
85	OHX	1	3708	7/7	0.86	0.15	152,152,152,152	0
86	MG	5	3852	1/1	0.86	0.22	32,32,32,32	0
86	MG	6	2091	1/1	0.86	0.42	77,77,77,77	0
86	MG	5	3772	1/1	0.86	0.25	39,39,39,39	0
86	MG	1	3791	1/1	0.86	0.21	37,37,37,37	0
86	MG	M7	206	1/1	0.86	0.15	37,37,37,37	0
86	MG	1	4115	1/1	0.86	0.29	29,29,29,29	0
85	OHX	1	3730	7/7	0.86	0.15	150,150,150,150	0
85	OHX	5	3603	7/7	0.86	0.33	134,134,134,134	0
85	OHX	2	2029	7/7	0.86	0.14	167,167,167,167	0
86	MG	6	2098	1/1	0.86	0.35	69,69,69,69	0
86	MG	6	2156	1/1	0.86	0.09	81,81,81,81	0
86	MG	1	4049	1/1	0.87	0.21	41,41,41,41	0
86	MG	1	3895	1/1	0.87	0.19	29,29,29,29	0
86	MG	1	4051	1/1	0.87	0.26	44,44,44,44	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	1	3976	1/1	0.87	0.25	41,41,41,41	0
86	MG	5	4138	1/1	0.87	0.63	62,62,62,62	0
86	MG	2	2091	1/1	0.87	0.21	74,74,74,74	0
86	MG	5	4140	1/1	0.87	0.14	34,34,34,34	0
86	MG	6	2075	1/1	0.87	0.30	61,61,61,61	0
86	MG	1	3897	1/1	0.87	0.39	57,57,57,57	0
86	MG	1	3821	1/1	0.87	0.25	33,33,33,33	0
86	MG	5	4146	1/1	0.87	0.29	31,31,31,31	0
86	MG	1	4057	1/1	0.87	0.46	39,39,39,39	0
85	OHX	5	3600	7/7	0.87	0.16	147,147,147,147	0
85	OHX	2	1994	7/7	0.87	0.15	152,152,152,152	0
86	MG	1	3824	1/1	0.87	0.32	40,40,40,40	0
85	OHX	5	3646	7/7	0.87	0.38	123,123,123,123	0
86	MG	1	4068	1/1	0.87	0.26	34,34,34,34	0
86	MG	1	3779	1/1	0.87	0.26	53,53,53,53	0
86	MG	1	3829	1/1	0.87	0.36	43,43,43,43	0
86	MG	2	2044	1/1	0.87	0.21	38,38,38,38	0
85	OHX	5	3727	7/7	0.87	0.15	136,136,136,136	0
86	MG	1	3922	1/1	0.87	0.39	55,55,55,55	0
85	OHX	1	3679	7/7	0.87	0.36	122,122,122,122	0
86	MG	6	2166	1/1	0.87	0.30	72,72,72,72	0
86	MG	5	4163	1/1	0.87	0.31	54,54,54,54	0
86	MG	1	3739	1/1	0.87	0.24	52,52,52,52	0
86	MG	1	3835	1/1	0.87	0.41	38,38,38,38	0
85	OHX	1	3680	7/7	0.87	0.31	114,114,114,114	0
86	MG	1	3935	1/1	0.87	0.17	36,36,36,36	0
86	MG	5	4064	1/1	0.87	0.13	47,47,47,47	0
86	MG	5	3828	1/1	0.87	0.22	49,49,49,49	0
86	MG	5	3830	1/1	0.87	0.29	32,32,32,32	0
86	MG	1	3937	1/1	0.87	0.19	57,57,57,57	0
85	OHX	6	1971	7/7	0.87	0.17	138,138,138,138	0
86	MG	1	3743	1/1	0.87	0.24	47,47,47,47	0
86	MG	7	215	1/1	0.87	0.30	61,61,61,61	0
85	OHX	1	3657	7/7	0.87	0.37	110,110,110,110	0
86	MG	5	3837	1/1	0.87	0.21	35,35,35,35	0
85	OHX	1	3710	7/7	0.87	0.45	123,123,123,123	0
86	MG	1	4019	1/1	0.87	0.12	51,51,51,51	0
86	MG	1	4092	1/1	0.87	0.37	44,44,44,44	0
86	MG	5	3842	1/1	0.87	0.24	33,33,33,33	0
86	MG	M6	201	1/1	0.87	0.13	39,39,39,39	0
85	OHX	2	1946	7/7	0.87	0.13	170,170,170,170	0
86	MG	1	3798	1/1	0.87	0.17	41,41,41,41	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	2	2031	7/7	0.87	0.17	147,147,147,147	0
86	MG	5	3977	1/1	0.87	0.23	45,45,45,45	0
85	OHX	5	3741	7/7	0.87	0.36	127,127,127,127	0
85	OHX	1	3691	7/7	0.87	0.35	129,129,129,129	0
86	MG	6	2112	1/1	0.87	0.36	71,71,71,71	0
86	MG	1	3804	1/1	0.87	0.15	38,38,38,38	0
86	MG	1	3754	1/1	0.87	0.08	89,89,89,89	0
86	MG	2	2058	1/1	0.87	0.29	58,58,58,58	0
86	MG	5	4100	1/1	0.87	0.10	40,40,40,40	0
85	OHX	5	3687	7/7	0.87	0.35	130,130,130,130	0
85	OHX	1	3736	7/7	0.87	0.32	119,119,119,119	0
86	MG	m6	204	1/1	0.87	0.14	43,43,43,43	0
86	MG	n0	203	1/1	0.87	0.11	40,40,40,40	0
86	MG	1	4035	1/1	0.87	0.15	49,49,49,49	0
85	OHX	S8	301	7/7	0.87	0.13	165,165,165,165	0
85	OHX	5	3700	7/7	0.87	0.26	136,136,136,136	0
86	MG	Q2	504	1/1	0.87	0.10	52,52,52,52	0
86	MG	1	3814	1/1	0.87	0.20	50,50,50,50	0
86	MG	1	3885	1/1	0.87	0.31	30,30,30,30	0
85	OHX	6	2026	7/7	0.87	0.15	158,158,158,158	0
85	OHX	6	2027	7/7	0.87	0.18	143,143,143,143	0
86	MG	1	3970	1/1	0.87	0.21	44,44,44,44	0
86	MG	1	3766	1/1	0.87	0.15	39,39,39,39	0
86	MG	1	3892	1/1	0.87	0.31	44,44,44,44	0
86	MG	5	3896	1/1	0.87	0.32	29,29,29,29	0
86	MG	5	4008	1/1	0.87	0.20	42,42,42,42	0
86	MG	5	4011	1/1	0.87	0.28	42,42,42,42	0
86	MG	6	2063	1/1	0.87	0.30	42,42,42,42	0
85	OHX	1	3648	7/7	0.87	0.16	137,137,137,137	0
86	MG	6	2140	1/1	0.87	0.15	61,61,61,61	0
86	MG	5	4132	1/1	0.87	0.39	35,35,35,35	0
85	OHX	6	1995	7/7	0.88	0.12	162,162,162,162	0
86	MG	1	3756	1/1	0.88	0.17	37,37,37,37	0
85	OHX	6	2002	7/7	0.88	0.24	125,125,125,125	0
86	MG	2	2132	1/1	0.88	0.17	70,70,70,70	0
85	OHX	6	2006	7/7	0.88	0.16	141,141,141,141	0
85	OHX	5	3685	7/7	0.88	0.32	133,133,133,133	0
85	OHX	8	216	7/7	0.88	0.25	134,134,134,134	0
85	OHX	1	3598	7/7	0.88	0.14	142,142,142,142	0
85	OHX	1	3716	7/7	0.88	0.37	113,113,113,113	0
86	MG	1	3820	1/1	0.88	0.45	54,54,54,54	0
86	MG	1	3978	1/1	0.88	0.33	51,51,51,51	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	6	2072	1/1	0.88	0.37	42,42,42,42	0
86	MG	5	3791	1/1	0.88	0.15	29,29,29,29	0
86	MG	1	4130	1/1	0.88	0.20	52,52,52,52	0
86	MG	1	3899	1/1	0.88	0.36	43,43,43,43	0
86	MG	5	4034	1/1	0.88	0.22	51,51,51,51	0
86	MG	5	4036	1/1	0.88	0.17	41,41,41,41	0
86	MG	1	3768	1/1	0.88	0.26	37,37,37,37	0
86	MG	5	4038	1/1	0.88	0.25	37,37,37,37	0
86	MG	2	2104	1/1	0.88	0.32	68,68,68,68	0
86	MG	5	3797	1/1	0.88	0.33	52,52,52,52	0
85	OHX	6	2022	7/7	0.88	0.32	116,116,116,116	0
86	MG	6	2152	1/1	0.88	0.12	70,70,70,70	0
86	MG	6	2153	1/1	0.88	0.14	97,97,97,97	0
85	OHX	1	3717	7/7	0.88	0.28	132,132,132,132	0
85	OHX	5	3701	7/7	0.88	0.27	126,126,126,126	0
86	MG	1	4066	1/1	0.88	0.17	41,41,41,41	0
86	MG	1	3777	1/1	0.88	0.20	44,44,44,44	0
86	MG	5	4165	1/1	0.88	0.46	33,33,33,33	0
86	MG	6	2158	1/1	0.88	0.13	46,46,46,46	0
85	OHX	2	1995	7/7	0.88	0.16	139,139,139,139	0
85	OHX	5	3709	7/7	0.88	0.30	128,128,128,128	0
86	MG	1	3993	1/1	0.88	0.25	49,49,49,49	0
86	MG	5	4058	1/1	0.88	0.06	35,35,35,35	0
86	MG	4	219	1/1	0.88	0.37	38,38,38,38	0
86	MG	5	3820	1/1	0.88	0.22	28,28,28,28	0
85	OHX	1	3650	7/7	0.88	0.13	158,158,158,158	0
85	OHX	1	3653	7/7	0.88	0.35	119,119,119,119	0
86	MG	5	3950	1/1	0.88	0.20	38,38,38,38	0
86	MG	1	3924	1/1	0.88	0.20	79,79,79,79	0
86	MG	5	3825	1/1	0.88	0.25	30,30,30,30	0
86	MG	1	3999	1/1	0.88	0.28	66,66,66,66	0
86	MG	1	3784	1/1	0.88	0.15	32,32,32,32	0
85	OHX	5	3714	7/7	0.88	0.18	144,144,144,144	0
85	OHX	1	3701	7/7	0.88	0.13	144,144,144,144	0
85	OHX	5	3720	7/7	0.88	0.32	128,128,128,128	0
85	OHX	5	3607	7/7	0.88	0.14	144,144,144,144	0
85	OHX	5	3725	7/7	0.88	0.30	125,125,125,125	0
85	OHX	5	3633	7/7	0.88	0.14	141,141,141,141	0
86	MG	5	4085	1/1	0.88	0.12	36,36,36,36	0
86	MG	1	3842	1/1	0.88	0.25	33,33,33,33	0
86	MG	5	3838	1/1	0.88	0.20	35,35,35,35	0
86	MG	1	3940	1/1	0.88	0.18	65,65,65,65	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	1	3794	1/1	0.88	0.16	29,29,29,29	0
86	MG	l7	301	1/1	0.88	0.16	35,35,35,35	0
86	MG	6	2105	1/1	0.88	0.30	42,42,42,42	0
85	OHX	5	3642	7/7	0.88	0.33	126,126,126,126	0
86	MG	1	3943	1/1	0.88	0.26	73,73,73,73	0
85	OHX	1	3608	7/7	0.88	0.25	135,135,135,135	0
86	MG	1	3945	1/1	0.88	0.20	43,43,43,43	0
85	OHX	2	2000	7/7	0.88	0.15	140,140,140,140	0
86	MG	n0	202	1/1	0.88	0.14	36,36,36,36	0
86	MG	1	3745	1/1	0.88	0.36	32,32,32,32	0
85	OHX	5	3656	7/7	0.88	0.16	151,151,151,151	0
86	MG	n3	202	1/1	0.88	0.36	27,27,27,27	0
86	MG	5	3987	1/1	0.88	0.32	53,53,53,53	0
86	MG	5	4107	1/1	0.88	0.20	40,40,40,40	0
86	MG	1	3801	1/1	0.88	0.34	43,43,43,43	0
86	MG	5	3747	1/1	0.88	0.17	34,34,34,34	0
85	OHX	6	2034	7/7	0.88	0.34	129,129,129,129	0
86	MG	N9	101	1/1	0.88	0.24	38,38,38,38	0
86	MG	1	3865	1/1	0.88	0.40	39,39,39,39	0
85	OHX	1	3684	7/7	0.88	0.16	139,139,139,139	0
86	MG	1	3869	1/1	0.88	0.26	31,31,31,31	0
86	MG	5	3760	1/1	0.88	0.29	56,56,56,56	0
86	MG	MG	2207	1/1	0.88	0.22	109,109,109,109	0
85	OHX	1	3661	7/7	0.88	0.23	132,132,132,132	0
86	MG	Q2	503	1/1	0.88	0.24	68,68,68,68	0
86	MG	5	3999	1/1	0.88	0.14	42,42,42,42	0
85	OHX	5	3670	7/7	0.88	0.34	126,126,126,126	0
85	OHX	2	2001	7/7	0.88	0.15	141,141,141,141	0
86	MG	5	3883	1/1	0.88	0.23	48,48,48,48	0
86	MG	1	3880	1/1	0.88	0.18	36,36,36,36	0
86	MG	1	3995	1/1	0.89	0.20	39,39,39,39	0
86	MG	1	3921	1/1	0.89	0.19	50,50,50,50	0
86	MG	5	3815	1/1	0.89	0.27	29,29,29,29	0
85	OHX	s8	301	7/7	0.89	0.13	155,155,155,155	0
86	MG	4	224	1/1	0.89	0.11	50,50,50,50	0
85	OHX	1	3617	7/7	0.89	0.28	129,129,129,129	0
85	OHX	5	3579	7/7	0.89	0.32	122,122,122,122	0
85	OHX	5	3712	7/7	0.89	0.13	148,148,148,148	0
86	MG	1	4003	1/1	0.89	0.25	34,34,34,34	0
86	MG	5	4047	1/1	0.89	0.10	35,35,35,35	0
86	MG	1	3782	1/1	0.89	0.21	35,35,35,35	0
86	MG	1	4083	1/1	0.89	0.12	46,46,46,46	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	5	3943	1/1	0.89	0.17	65,65,65,65	0
85	OHX	1	3733	7/7	0.89	0.32	119,119,119,119	0
86	MG	1	3838	1/1	0.89	0.12	38,38,38,38	0
86	MG	5	4159	1/1	0.89	0.25	52,52,52,52	0
85	OHX	2	1996	7/7	0.89	0.14	144,144,144,144	0
85	OHX	5	3719	7/7	0.89	0.11	181,181,181,181	0
86	MG	2	2100	1/1	0.89	0.49	69,69,69,69	0
85	OHX	1	3630	7/7	0.89	0.26	126,126,126,126	0
85	OHX	5	3723	7/7	0.89	0.32	128,128,128,128	0
86	MG	D3	201	1/1	0.89	0.13	64,64,64,64	0
85	OHX	5	3625	7/7	0.89	0.14	146,146,146,146	0
85	OHX	1	3672	7/7	0.89	0.28	113,113,113,113	0
85	OHX	1	3673	7/7	0.89	0.29	116,116,116,116	0
85	OHX	4	211	7/7	0.89	0.30	111,111,111,111	0
85	OHX	5	3647	7/7	0.89	0.31	117,117,117,117	0
85	OHX	2	1997	7/7	0.89	0.13	138,138,138,138	0
85	OHX	2	2012	7/7	0.89	0.13	153,153,153,153	0
85	OHX	M7	201	7/7	0.89	0.41	100,100,100,100	0
86	MG	6	2116	1/1	0.89	0.22	57,57,57,57	0
86	MG	5	3847	1/1	0.89	0.36	27,27,27,27	0
85	OHX	5	3660	7/7	0.89	0.31	127,127,127,127	0
85	OHX	5	3737	7/7	0.89	0.36	118,118,118,118	0
85	OHX	2	2013	7/7	0.89	0.22	136,136,136,136	0
85	OHX	5	3666	7/7	0.89	0.42	104,104,104,104	0
86	MG	5	4087	1/1	0.89	0.41	50,50,50,50	0
86	MG	6	2123	1/1	0.89	0.40	83,83,83,83	0
85	OHX	6	2036	7/7	0.89	0.26	128,128,128,128	0
85	OHX	2	2017	7/7	0.89	0.14	139,139,139,139	0
86	MG	1	4110	1/1	0.89	0.12	32,32,32,32	0
86	MG	5	3865	1/1	0.89	0.21	30,30,30,30	0
86	MG	5	3869	1/1	0.89	0.22	52,52,52,52	0
86	MG	6	2053	1/1	0.89	0.18	79,79,79,79	0
86	MG	1	3810	1/1	0.89	0.17	41,41,41,41	0
86	MG	5	3767	1/1	0.89	0.22	39,39,39,39	0
86	MG	1	3965	1/1	0.89	0.15	44,44,44,44	0
86	MG	1	3886	1/1	0.89	0.39	41,41,41,41	0
85	OHX	2	1998	7/7	0.89	0.16	138,138,138,138	0
86	MG	1	3753	1/1	0.89	0.14	49,49,49,49	0
85	OHX	D9	102	7/7	0.89	0.17	140,140,140,140	0
85	OHX	2	1981	7/7	0.89	0.15	146,146,146,146	0
86	MG	m6	202	1/1	0.89	0.18	35,35,35,35	0
85	OHX	5	3679	7/7	0.89	0.32	136,136,136,136	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	8	217	7/7	0.89	0.40	113,113,113,113	0
86	MG	5	3886	1/1	0.89	0.32	31,31,31,31	0
85	OHX	2	1990	7/7	0.89	0.11	169,169,169,169	0
86	MG	5	4003	1/1	0.89	0.11	33,33,33,33	0
85	OHX	5	3683	7/7	0.89	0.28	133,133,133,133	0
86	MG	5	3786	1/1	0.89	0.15	37,37,37,37	0
86	MG	1	3898	1/1	0.89	0.46	53,53,53,53	0
85	OHX	1	3663	7/7	0.89	0.35	107,107,107,107	0
86	MG	5	4125	1/1	0.89	0.23	35,35,35,35	0
85	OHX	6	2046	7/7	0.89	0.14	142,142,142,142	0
85	OHX	1	3727	7/7	0.89	0.34	119,119,119,119	0
86	MG	6	2149	1/1	0.89	0.34	52,52,52,52	0
85	OHX	6	2048	7/7	0.89	0.14	171,171,171,171	0
86	MG	1	4059	1/1	0.89	0.11	62,62,62,62	0
85	OHX	5	3694	7/7	0.89	0.26	135,135,135,135	0
85	OHX	2	2002	7/7	0.89	0.16	149,149,149,149	0
86	MG	1	3826	1/1	0.89	0.35	24,24,24,24	0
85	OHX	1	3665	7/7	0.89	0.28	138,138,138,138	0
86	MG	4	215	1/1	0.89	0.28	51,51,51,51	0
86	MG	1	3918	1/1	0.89	0.35	47,47,47,47	0
85	OHX	6	2011	7/7	0.89	0.34	136,136,136,136	0
87	ZN	e1	501	1/1	0.89	0.08	173,173,173,173	0
85	OHX	5	3708	7/7	0.89	0.35	122,122,122,122	0
86	MG	sM	402	1/1	0.90	0.23	44,44,44,44	0
85	OHX	5	3631	7/7	0.90	0.36	113,113,113,113	0
85	OHX	5	3632	7/7	0.90	0.36	132,132,132,132	0
85	OHX	6	2028	7/7	0.90	0.31	116,116,116,116	0
85	OHX	2	2004	7/7	0.90	0.27	126,126,126,126	0
85	OHX	2	2006	7/7	0.90	0.26	135,135,135,135	0
86	MG	M6	202	1/1	0.90	0.19	42,42,42,42	0
86	MG	1	3917	1/1	0.90	0.09	63,63,63,63	0
86	MG	5	3761	1/1	0.90	0.17	36,36,36,36	0
86	MG	5	4135	1/1	0.90	0.11	83,83,83,83	0
86	MG	5	3877	1/1	0.90	0.35	36,36,36,36	0
85	OHX	2	1992	7/7	0.90	0.14	153,153,153,153	0
85	OHX	5	3649	7/7	0.90	0.22	129,129,129,129	0
86	MG	1	3761	1/1	0.90	0.18	47,47,47,47	0
86	MG	5	4009	1/1	0.90	0.24	49,49,49,49	0
85	OHX	5	3652	7/7	0.90	0.23	126,126,126,126	0
85	OHX	5	3729	7/7	0.90	0.24	135,135,135,135	0
85	OHX	6	1976	7/7	0.90	0.13	147,147,147,147	0
85	OHX	1	3702	7/7	0.90	0.12	157,157,157,157	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	1	3767	1/1	0.90	0.34	61,61,61,61	0
86	MG	5	3775	1/1	0.90	0.17	34,34,34,34	0
86	MG	5	3888	1/1	0.90	0.34	43,43,43,43	0
85	OHX	5	3732	7/7	0.90	0.27	127,127,127,127	0
85	OHX	6	1985	7/7	0.90	0.14	143,143,143,143	0
85	OHX	5	3658	7/7	0.90	0.37	97,97,97,97	0
86	MG	1	3936	1/1	0.90	0.15	66,66,66,66	0
85	OHX	1	3728	7/7	0.90	0.33	111,111,111,111	0
86	MG	5	3901	1/1	0.90	0.30	40,40,40,40	0
85	OHX	2	2019	7/7	0.90	0.14	156,156,156,156	0
86	MG	1	3774	1/1	0.90	0.14	53,53,53,53	0
85	OHX	5	3665	7/7	0.90	0.28	114,114,114,114	0
86	MG	5	3906	1/1	0.90	0.30	45,45,45,45	0
86	MG	1	4025	1/1	0.90	0.20	55,55,55,55	0
86	MG	6	2054	1/1	0.90	0.34	58,58,58,58	0
85	OHX	1	3636	7/7	0.90	0.13	147,147,147,147	0
85	OHX	5	3668	7/7	0.90	0.16	138,138,138,138	0
86	MG	5	3912	1/1	0.90	0.41	43,43,43,43	0
86	MG	5	4043	1/1	0.90	0.15	40,40,40,40	0
85	OHX	5	3742	7/7	0.90	0.28	127,127,127,127	0
85	OHX	6	1997	7/7	0.90	0.14	142,142,142,142	0
86	MG	2	2135	1/1	0.90	0.10	101,101,101,101	0
86	MG	1	3847	1/1	0.90	0.28	71,71,71,71	0
85	OHX	C3	201	7/7	0.90	0.12	150,150,150,150	0
86	MG	1	3855	1/1	0.90	0.29	29,29,29,29	0
86	MG	1	3785	1/1	0.90	0.29	46,46,46,46	0
85	OHX	6	2043	7/7	0.90	0.22	138,138,138,138	0
86	MG	7	216	1/1	0.90	0.17	68,68,68,68	0
86	MG	1	4117	1/1	0.90	0.28	36,36,36,36	0
85	OHX	6	2044	7/7	0.90	0.28	123,123,123,123	0
86	MG	5	3929	1/1	0.90	0.48	40,40,40,40	0
85	OHX	6	2004	7/7	0.90	0.14	141,141,141,141	0
86	MG	6	2073	1/1	0.90	0.37	53,53,53,53	0
85	OHX	6	2005	7/7	0.90	0.28	117,117,117,117	0
86	MG	5	3814	1/1	0.90	0.40	45,45,45,45	0
85	OHX	8	218	7/7	0.90	0.32	123,123,123,123	0
85	OHX	5	3680	7/7	0.90	0.25	132,132,132,132	0
85	OHX	2	2020	7/7	0.90	0.12	172,172,172,172	0
86	MG	1	3962	1/1	0.90	0.10	46,46,46,46	0
86	MG	8	228	1/1	0.90	0.33	44,44,44,44	0
86	MG	5	3945	1/1	0.90	0.08	32,32,32,32	0
86	MG	1	3870	1/1	0.90	0.28	43,43,43,43	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	1	3874	1/1	0.90	0.27	29,29,29,29	0
86	MG	5	3949	1/1	0.90	0.38	41,41,41,41	0
85	OHX	1	3712	7/7	0.90	0.11	170,170,170,170	0
85	OHX	SR	401	7/7	0.90	0.12	168,168,168,168	0
85	OHX	6	2012	7/7	0.90	0.15	139,139,139,139	0
85	OHX	5	3690	7/7	0.90	0.30	120,120,120,120	0
86	MG	m3	201	1/1	0.90	0.10	35,35,35,35	0
85	OHX	6	2018	7/7	0.90	0.11	174,174,174,174	0
86	MG	5	3956	1/1	0.90	0.11	34,34,34,34	0
86	MG	6	2088	1/1	0.90	0.33	45,45,45,45	0
86	MG	m6	203	1/1	0.90	0.16	37,37,37,37	0
86	MG	6	2169	1/1	0.90	0.21	70,70,70,70	0
86	MG	6	2170	1/1	0.90	0.11	62,62,62,62	0
85	OHX	6	2020	7/7	0.90	0.15	146,146,146,146	0
85	OHX	1	3559	7/7	0.90	0.13	143,143,143,143	0
86	MG	5	4096	1/1	0.90	0.12	36,36,36,36	0
85	OHX	5	3696	7/7	0.90	0.29	114,114,114,114	0
85	OHX	5	3698	7/7	0.90	0.12	164,164,164,164	0
86	MG	5	3836	1/1	0.90	0.31	40,40,40,40	0
86	MG	1	4062	1/1	0.90	0.44	37,37,37,37	0
86	MG	5	3971	1/1	0.90	0.22	38,38,38,38	0
85	OHX	5	3555	7/7	0.90	0.37	104,104,104,104	0
85	OHX	1	3564	7/7	0.90	0.31	107,107,107,107	0
86	MG	q0	202	1/1	0.90	0.16	43,43,43,43	0
85	OHX	5	3598	7/7	0.90	0.28	130,130,130,130	0
86	MG	1	4067	1/1	0.90	0.38	58,58,58,58	0
85	OHX	1	3565	7/7	0.90	0.15	138,138,138,138	0
86	MG	2	2054	1/1	0.90	0.33	70,70,70,70	0
85	OHX	2	2030	7/7	0.90	0.12	179,179,179,179	0
85	OHX	2	1971	7/7	0.90	0.12	151,151,151,151	0
86	MG	1	4072	1/1	0.90	0.11	44,44,44,44	0
86	MG	5	3849	1/1	0.90	0.24	62,62,62,62	0
85	OHX	5	3615	7/7	0.90	0.28	130,130,130,130	0
85	OHX	2	2042	7/7	0.90	0.31	130,130,130,130	0
86	MG	L3	404	1/1	0.90	0.14	71,71,71,71	0
85	OHX	5	3630	7/7	0.90	0.30	132,132,132,132	0
86	MG	1	3867	1/1	0.91	0.21	54,54,54,54	0
85	OHX	1	3676	7/7	0.91	0.26	128,128,128,128	0
86	MG	6	2137	1/1	0.91	0.37	66,66,66,66	0
86	MG	1	4112	1/1	0.91	0.21	54,54,54,54	0
86	MG	2	2053	1/1	0.91	0.10	72,72,72,72	0
85	OHX	1	3537	7/7	0.91	0.29	108,108,108,108	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	1	3803	1/1	0.91	0.29	47,47,47,47	0
86	MG	5	3889	1/1	0.91	0.21	33,33,33,33	0
86	MG	5	3891	1/1	0.91	0.22	31,31,31,31	0
86	MG	5	3892	1/1	0.91	0.27	29,29,29,29	0
86	MG	5	4005	1/1	0.91	0.21	61,61,61,61	0
86	MG	6	2142	1/1	0.91	0.15	57,57,57,57	0
86	MG	6	2060	1/1	0.91	0.28	54,54,54,54	0
85	OHX	1	3633	7/7	0.91	0.25	138,138,138,138	0
85	OHX	5	3653	7/7	0.91	0.31	126,126,126,126	0
85	OHX	1	3681	7/7	0.91	0.27	131,131,131,131	0
86	MG	1	4047	1/1	0.91	0.26	75,75,75,75	0
86	MG	5	4015	1/1	0.91	0.21	51,51,51,51	0
86	MG	1	3748	1/1	0.91	0.21	40,40,40,40	0
86	MG	6	2068	1/1	0.91	0.25	45,45,45,45	0
86	MG	1	3808	1/1	0.91	0.18	54,54,54,54	0
86	MG	1	3968	1/1	0.91	0.24	47,47,47,47	0
86	MG	5	4021	1/1	0.91	0.23	54,54,54,54	0
86	MG	5	3798	1/1	0.91	0.33	27,27,27,27	0
85	OHX	5	3722	7/7	0.91	0.25	131,131,131,131	0
85	OHX	5	3655	7/7	0.91	0.34	100,100,100,100	0
86	MG	5	3910	1/1	0.91	0.23	40,40,40,40	0
85	OHX	1	3555	7/7	0.91	0.19	135,135,135,135	0
86	MG	5	4157	1/1	0.91	0.13	48,48,48,48	0
85	OHX	1	3647	7/7	0.91	0.33	101,101,101,101	0
85	OHX	1	3557	7/7	0.91	0.26	113,113,113,113	0
86	MG	5	4035	1/1	0.91	0.19	66,66,66,66	0
85	OHX	2	1976	7/7	0.91	0.13	148,148,148,148	0
85	OHX	5	3662	7/7	0.91	0.31	129,129,129,129	0
86	MG	5	3918	1/1	0.91	0.33	29,29,29,29	0
85	OHX	5	3663	7/7	0.91	0.29	99,99,99,99	0
85	OHX	1	3560	7/7	0.91	0.12	145,145,145,145	0
86	MG	1	4061	1/1	0.91	0.22	43,43,43,43	0
85	OHX	1	3651	7/7	0.91	0.33	119,119,119,119	0
86	MG	5	4169	1/1	0.91	0.24	34,34,34,34	0
85	OHX	2	1958	7/7	0.91	0.12	170,170,170,170	0
85	OHX	1	3655	7/7	0.91	0.29	115,115,115,115	0
85	OHX	s4	301	7/7	0.91	0.18	139,139,139,139	0
85	OHX	1	3700	7/7	0.91	0.17	136,136,136,136	0
86	MG	5	3930	1/1	0.91	0.24	32,32,32,32	0
85	OHX	5	3672	7/7	0.91	0.13	143,143,143,143	0
85	OHX	2	2027	7/7	0.91	0.25	117,117,117,117	0
86	MG	5	3933	1/1	0.91	0.14	61,61,61,61	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	c5	201	7/7	0.91	0.12	151,151,151,151	0
86	MG	5	3824	1/1	0.91	0.24	51,51,51,51	0
85	OHX	d4	201	7/7	0.91	0.12	142,142,142,142	0
86	MG	1	3915	1/1	0.91	0.19	45,45,45,45	0
86	MG	5	3940	1/1	0.91	0.25	48,48,48,48	0
86	MG	5	4062	1/1	0.91	0.43	51,51,51,51	0
85	OHX	5	3676	7/7	0.91	0.31	90,90,90,90	0
86	MG	1	3770	1/1	0.91	0.24	36,36,36,36	0
85	OHX	5	3546	7/7	0.91	0.25	122,122,122,122	0
85	OHX	2	2036	7/7	0.91	0.34	112,112,112,112	0
85	OHX	7	212	7/7	0.91	0.19	138,138,138,138	0
85	OHX	2	2011	7/7	0.91	0.12	161,161,161,161	0
86	MG	L4	402	1/1	0.91	0.09	35,35,35,35	0
85	OHX	8	215	7/7	0.91	0.31	112,112,112,112	0
86	MG	2	2084	1/1	0.91	0.34	59,59,59,59	0
85	OHX	5	3590	7/7	0.91	0.27	124,124,124,124	0
85	OHX	1	3662	7/7	0.91	0.13	146,146,146,146	0
85	OHX	1	3605	7/7	0.91	0.23	117,117,117,117	0
86	MG	M4	201	1/1	0.91	0.18	49,49,49,49	0
86	MG	5	3958	1/1	0.91	0.24	56,56,56,56	0
86	MG	M5	301	1/1	0.91	0.16	42,42,42,42	0
86	MG	5	3963	1/1	0.91	0.22	52,52,52,52	0
86	MG	1	3933	1/1	0.91	0.13	43,43,43,43	0
85	OHX	5	3688	7/7	0.91	0.33	111,111,111,111	0
86	MG	1	4012	1/1	0.91	0.19	45,45,45,45	0
86	MG	1	4091	1/1	0.91	0.16	41,41,41,41	0
86	MG	5	3748	1/1	0.91	0.31	43,43,43,43	0
85	OHX	4	214	7/7	0.91	0.23	130,130,130,130	0
85	OHX	M5	303	7/7	0.91	0.29	114,114,114,114	0
85	OHX	5	3611	7/7	0.91	0.28	110,110,110,110	0
86	MG	5	3855	1/1	0.91	0.21	28,28,28,28	0
85	OHX	2	1956	7/7	0.91	0.15	138,138,138,138	0
86	MG	1	3848	1/1	0.91	0.21	32,32,32,32	0
86	MG	5	3978	1/1	0.91	0.27	30,30,30,30	0
86	MG	1	3850	1/1	0.91	0.28	35,35,35,35	0
85	OHX	M7	202	7/7	0.91	0.26	127,127,127,127	0
85	OHX	1	3609	7/7	0.91	0.34	91,91,91,91	0
86	MG	5	3868	1/1	0.91	0.30	31,31,31,31	0
85	OHX	1	3614	7/7	0.91	0.37	110,110,110,110	0
86	MG	5	3985	1/1	0.91	0.25	44,44,44,44	0
85	OHX	1	3616	7/7	0.91	0.35	111,111,111,111	0
85	OHX	2	1986	7/7	0.91	0.24	131,131,131,131	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	2	2015	7/7	0.91	0.28	128,128,128,128	0
86	MG	5	3769	1/1	0.91	0.19	59,59,59,59	0
86	MG	1	3863	1/1	0.91	0.11	30,30,30,30	0
85	OHX	5	3643	7/7	0.91	0.17	133,133,133,133	0
86	MG	5	3992	1/1	0.91	0.13	29,29,29,29	0
85	OHX	5	3645	7/7	0.91	0.23	119,119,119,119	0
86	MG	5	4124	1/1	0.91	0.18	86,86,86,86	0
85	OHX	1	3490	7/7	0.91	0.21	94,94,94,94	0
85	OHX	2	2016	7/7	0.92	0.12	149,149,149,149	0
85	OHX	1	3719	7/7	0.92	0.26	127,127,127,127	0
85	OHX	6	2019	7/7	0.92	0.21	139,139,139,139	0
85	OHX	5	3744	7/7	0.92	0.13	134,134,134,134	0
86	MG	5	4104	1/1	0.92	0.34	32,32,32,32	0
85	OHX	1	3666	7/7	0.92	0.23	115,115,115,115	0
85	OHX	5	3650	7/7	0.92	0.30	117,117,117,117	0
85	OHX	1	3722	7/7	0.92	0.13	139,139,139,139	0
85	OHX	2	1935	7/7	0.92	0.24	134,134,134,134	0
85	OHX	1	3542	7/7	0.92	0.28	120,120,120,120	0
85	OHX	8	214	7/7	0.92	0.12	142,142,142,142	0
86	MG	5	3976	1/1	0.92	0.13	42,42,42,42	0
85	OHX	1	3549	7/7	0.92	0.13	139,139,139,139	0
86	MG	5	3843	1/1	0.92	0.45	37,37,37,37	0
86	MG	5	4118	1/1	0.92	0.27	52,52,52,52	0
86	MG	5	4119	1/1	0.92	0.14	33,33,33,33	0
86	MG	1	3881	1/1	0.92	0.33	31,31,31,31	0
86	MG	6	2171	1/1	0.92	0.15	92,92,92,92	0
86	MG	6	2070	1/1	0.92	0.17	59,59,59,59	0
85	OHX	6	2025	7/7	0.92	0.33	107,107,107,107	0
86	MG	1	3884	1/1	0.92	0.26	37,37,37,37	0
85	OHX	1	3671	7/7	0.92	0.22	128,128,128,128	0
85	OHX	2	2005	7/7	0.92	0.14	136,136,136,136	0
85	OHX	1	3622	7/7	0.92	0.26	119,119,119,119	0
86	MG	5	3853	1/1	0.92	0.23	43,43,43,43	0
85	OHX	l4	401	7/7	0.92	0.17	127,127,127,127	0
86	MG	5	3857	1/1	0.92	0.33	37,37,37,37	0
85	OHX	1	3626	7/7	0.92	0.11	152,152,152,152	0
85	OHX	l5	302	7/7	0.92	0.21	134,134,134,134	0
85	OHX	6	2031	7/7	0.92	0.31	106,106,106,106	0
85	OHX	1	3627	7/7	0.92	0.28	108,108,108,108	0
86	MG	5	3864	1/1	0.92	0.13	34,34,34,34	0
85	OHX	1	3628	7/7	0.92	0.12	146,146,146,146	0
85	OHX	2	1991	7/7	0.92	0.21	136,136,136,136	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	1	3682	7/7	0.92	0.19	109,109,109,109	0
86	MG	1	4014	1/1	0.92	0.15	32,32,32,32	0
86	MG	1	4015	1/1	0.92	0.13	41,41,41,41	0
85	OHX	2	1999	7/7	0.92	0.13	144,144,144,144	0
85	OHX	1	3632	7/7	0.92	0.12	136,136,136,136	0
85	OHX	3	210	7/7	0.92	0.29	107,107,107,107	0
86	MG	1	4122	1/1	0.92	0.14	46,46,46,46	0
86	MG	1	3904	1/1	0.92	0.35	51,51,51,51	0
86	MG	5	4006	1/1	0.92	0.08	44,44,44,44	0
86	MG	5	4007	1/1	0.92	0.24	61,61,61,61	0
85	OHX	1	3685	7/7	0.92	0.23	128,128,128,128	0
86	MG	1	3908	1/1	0.92	0.31	30,30,30,30	0
85	OHX	6	2040	7/7	0.92	0.22	137,137,137,137	0
85	OHX	4	207	7/7	0.92	0.21	117,117,117,117	0
86	MG	5	3757	1/1	0.92	0.24	29,29,29,29	0
85	OHX	2	2021	7/7	0.92	0.16	133,133,133,133	0
85	OHX	1	3687	7/7	0.92	0.12	140,140,140,140	0
85	OHX	2	2033	7/7	0.92	0.20	138,138,138,138	0
86	MG	5	4160	1/1	0.92	0.24	70,70,70,70	0
85	OHX	1	3644	7/7	0.92	0.22	126,126,126,126	0
85	OHX	1	3692	7/7	0.92	0.25	125,125,125,125	0
85	OHX	1	3693	7/7	0.92	0.26	123,123,123,123	0
85	OHX	1	3646	7/7	0.92	0.31	129,129,129,129	0
85	OHX	2	1979	7/7	0.92	0.12	156,156,156,156	0
86	MG	5	4024	1/1	0.92	0.07	33,33,33,33	0
86	MG	5	3895	1/1	0.92	0.34	36,36,36,36	0
86	MG	2	2059	1/1	0.92	0.31	70,70,70,70	0
85	OHX	1	3567	7/7	0.92	0.30	104,104,104,104	0
86	MG	5	4030	1/1	0.92	0.10	47,47,47,47	0
85	OHX	6	1970	7/7	0.92	0.27	130,130,130,130	0
86	MG	1	4040	1/1	0.92	0.10	61,61,61,61	0
85	OHX	1	3575	7/7	0.92	0.28	110,110,110,110	0
86	MG	4	221	1/1	0.92	0.25	41,41,41,41	0
85	OHX	5	3693	7/7	0.92	0.34	116,116,116,116	0
86	MG	5	3778	1/1	0.92	0.30	53,53,53,53	0
85	OHX	6	1973	7/7	0.92	0.14	138,138,138,138	0
86	MG	7	217	1/1	0.92	0.44	28,28,28,28	0
85	OHX	5	3695	7/7	0.92	0.28	117,117,117,117	0
85	OHX	6	1975	7/7	0.92	0.36	109,109,109,109	0
85	OHX	c3	201	7/7	0.92	0.11	144,144,144,144	0
86	MG	6	2117	1/1	0.92	0.16	50,50,50,50	0
85	OHX	5	3699	7/7	0.92	0.29	115,115,115,115	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	1	3588	7/7	0.92	0.21	135,135,135,135	0
85	OHX	1	3596	7/7	0.92	0.21	120,120,120,120	0
85	OHX	1	3597	7/7	0.92	0.11	144,144,144,144	0
85	OHX	6	1986	7/7	0.92	0.29	127,127,127,127	0
85	OHX	5	3566	7/7	0.92	0.26	121,121,121,121	0
86	MG	1	3741	1/1	0.92	0.28	60,60,60,60	0
85	OHX	1	3705	7/7	0.92	0.28	109,109,109,109	0
85	OHX	5	3580	7/7	0.92	0.29	119,119,119,119	0
85	OHX	6	1988	7/7	0.92	0.22	124,124,124,124	0
86	MG	5	4056	1/1	0.92	0.19	57,57,57,57	0
85	OHX	5	3593	7/7	0.92	0.33	106,106,106,106	0
86	MG	1	3948	1/1	0.92	0.20	41,41,41,41	0
86	MG	5	3801	1/1	0.92	0.13	35,35,35,35	0
86	MG	5	4060	1/1	0.92	0.08	44,44,44,44	0
86	MG	m0	305	1/1	0.92	0.19	39,39,39,39	0
86	MG	5	4061	1/1	0.92	0.23	62,62,62,62	0
85	OHX	5	3716	7/7	0.92	0.21	131,131,131,131	0
85	OHX	6	1989	7/7	0.92	0.14	137,137,137,137	0
85	OHX	1	3706	7/7	0.92	0.23	110,110,110,110	0
85	OHX	6	1993	7/7	0.92	0.14	142,142,142,142	0
85	OHX	5	3604	7/7	0.92	0.24	128,128,128,128	0
86	MG	5	3810	1/1	0.92	0.29	39,39,39,39	0
86	MG	n0	201	1/1	0.92	0.15	38,38,38,38	0
85	OHX	2	1953	7/7	0.92	0.14	141,141,141,141	0
85	OHX	5	3608	7/7	0.92	0.21	127,127,127,127	0
86	MG	5	3939	1/1	0.92	0.16	41,41,41,41	0
85	OHX	6	1996	7/7	0.92	0.30	125,125,125,125	0
86	MG	5	4075	1/1	0.92	0.23	37,37,37,37	0
85	OHX	1	3656	7/7	0.92	0.32	99,99,99,99	0
85	OHX	5	3624	7/7	0.92	0.25	119,119,119,119	0
85	OHX	5	3728	7/7	0.92	0.27	115,115,115,115	0
85	OHX	6	2000	7/7	0.92	0.23	131,131,131,131	0
86	MG	5	4083	1/1	0.92	0.11	44,44,44,44	0
85	OHX	C5	201	7/7	0.92	0.10	153,153,153,153	0
86	MG	1	3851	1/1	0.92	0.25	48,48,48,48	0
86	MG	1	3853	1/1	0.92	0.47	38,38,38,38	0
85	OHX	1	3600	7/7	0.92	0.28	118,118,118,118	0
86	MG	5	4089	1/1	0.92	0.20	67,67,67,67	0
85	OHX	1	3604	7/7	0.92	0.26	129,129,129,129	0
85	OHX	2	1984	7/7	0.92	0.20	133,133,133,133	0
86	MG	1	3857	1/1	0.92	0.25	36,36,36,36	0
85	OHX	5	3636	7/7	0.92	0.12	162,162,162,162	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	5	3639	7/7	0.92	0.32	106,106,106,106	0
85	OHX	1	3607	7/7	0.92	0.21	130,130,130,130	0
86	MG	5	3960	1/1	0.92	0.24	45,45,45,45	0
86	MG	5	3829	1/1	0.92	0.24	54,54,54,54	0
85	OHX	2	1945	7/7	0.92	0.12	144,144,144,144	0
86	MG	5	4106	1/1	0.93	0.13	64,64,64,64	0
86	MG	5	3972	1/1	0.93	0.14	41,41,41,41	0
85	OHX	6	1998	7/7	0.93	0.25	127,127,127,127	0
85	OHX	3	209	7/7	0.93	0.21	132,132,132,132	0
85	OHX	1	3635	7/7	0.93	0.25	111,111,111,111	0
86	MG	2	2074	1/1	0.93	0.32	66,66,66,66	0
86	MG	6	2062	1/1	0.93	0.40	46,46,46,46	0
86	MG	5	3979	1/1	0.93	0.24	36,36,36,36	0
85	OHX	1	3601	7/7	0.93	0.24	97,97,97,97	0
85	OHX	1	3707	7/7	0.93	0.25	113,113,113,113	0
85	OHX	4	208	7/7	0.93	0.31	99,99,99,99	0
86	MG	6	2066	1/1	0.93	0.37	66,66,66,66	0
86	MG	1	4100	1/1	0.93	0.13	45,45,45,45	0
85	OHX	1	3637	7/7	0.93	0.20	132,132,132,132	0
85	OHX	1	3603	7/7	0.93	0.30	103,103,103,103	0
85	OHX	c1	201	7/7	0.93	0.23	137,137,137,137	0
86	MG	1	4001	1/1	0.93	0.15	51,51,51,51	0
85	OHX	1	3645	7/7	0.93	0.23	119,119,119,119	0
85	OHX	5	3661	7/7	0.93	0.21	122,122,122,122	0
85	OHX	6	2015	7/7	0.93	0.25	119,119,119,119	0
85	OHX	6	2017	7/7	0.93	0.22	122,122,122,122	0
85	OHX	d9	102	7/7	0.93	0.12	153,153,153,153	0
85	OHX	5	3502	7/7	0.93	0.13	112,112,112,112	0
86	MG	1	3910	1/1	0.93	0.35	17,17,17,17	0
86	MG	6	2079	1/1	0.93	0.20	48,48,48,48	0
85	OHX	5	3523	7/7	0.93	0.28	116,116,116,116	0
86	MG	5	3867	1/1	0.93	0.13	45,45,45,45	0
85	OHX	5	3539	7/7	0.93	0.24	117,117,117,117	0
85	OHX	5	3541	7/7	0.93	0.16	114,114,114,114	0
86	MG	1	3914	1/1	0.93	0.20	43,43,43,43	0
85	OHX	1	3677	7/7	0.93	0.31	104,104,104,104	0
86	MG	1	4018	1/1	0.93	0.11	40,40,40,40	0
86	MG	5	3875	1/1	0.93	0.22	20,20,20,20	0
85	OHX	7	211	7/7	0.93	0.22	104,104,104,104	0
86	MG	1	4119	1/1	0.93	0.28	31,31,31,31	0
85	OHX	5	3671	7/7	0.93	0.22	114,114,114,114	0
85	OHX	L3	401	7/7	0.93	0.33	117,117,117,117	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	5	3752	1/1	0.93	0.09	46,46,46,46	0
86	MG	5	3753	1/1	0.93	0.15	35,35,35,35	0
85	OHX	M0	301	7/7	0.93	0.14	104,104,104,104	0
85	OHX	5	3568	7/7	0.93	0.11	146,146,146,146	0
85	OHX	5	3573	7/7	0.93	0.19	131,131,131,131	0
85	OHX	2	1942	7/7	0.93	0.32	115,115,115,115	0
85	OHX	1	3562	7/7	0.93	0.19	122,122,122,122	0
86	MG	1	3927	1/1	0.93	0.23	52,52,52,52	0
85	OHX	2	1982	7/7	0.93	0.10	193,193,193,193	0
85	OHX	2	1983	7/7	0.93	0.23	116,116,116,116	0
86	MG	1	4033	1/1	0.93	0.14	42,42,42,42	0
86	MG	1	3930	1/1	0.93	0.32	51,51,51,51	0
86	MG	1	3832	1/1	0.93	0.31	40,40,40,40	0
86	MG	5	3768	1/1	0.93	0.10	43,43,43,43	0
85	OHX	5	3596	7/7	0.93	0.29	102,102,102,102	0
86	MG	5	4027	1/1	0.93	0.07	45,45,45,45	0
86	MG	1	3934	1/1	0.93	0.14	44,44,44,44	0
86	MG	1	3757	1/1	0.93	0.23	42,42,42,42	0
85	OHX	2	1959	7/7	0.93	0.16	133,133,133,133	0
85	OHX	6	1949	7/7	0.93	0.14	122,122,122,122	0
85	OHX	6	1954	7/7	0.93	0.12	164,164,164,164	0
85	OHX	6	1961	7/7	0.93	0.22	125,125,125,125	0
85	OHX	5	3605	7/7	0.93	0.11	141,141,141,141	0
86	MG	4	220	1/1	0.93	0.23	36,36,36,36	0
85	OHX	1	3611	7/7	0.93	0.28	113,113,113,113	0
85	OHX	o7	502	7/7	0.93	0.31	116,116,116,116	0
86	MG	5	3782	1/1	0.93	0.20	41,41,41,41	0
85	OHX	1	3652	7/7	0.93	0.25	111,111,111,111	0
86	MG	2	2110	1/1	0.93	0.25	91,91,91,91	0
86	MG	5	3914	1/1	0.93	0.23	31,31,31,31	0
85	OHX	1	3568	7/7	0.93	0.22	131,131,131,131	0
85	OHX	5	3613	7/7	0.93	0.27	113,113,113,113	0
85	OHX	1	3539	7/7	0.93	0.18	119,119,119,119	0
86	MG	1	3849	1/1	0.93	0.32	42,42,42,42	0
85	OHX	5	3697	7/7	0.93	0.28	111,111,111,111	0
86	MG	2	2115	1/1	0.93	0.27	79,79,79,79	0
86	MG	1	3852	1/1	0.93	0.31	37,37,37,37	0
85	OHX	5	3616	7/7	0.93	0.24	111,111,111,111	0
86	MG	6	2125	1/1	0.93	0.19	51,51,51,51	0
85	OHX	5	3620	7/7	0.93	0.11	138,138,138,138	0
86	MG	1	3775	1/1	0.93	0.23	39,39,39,39	0
86	MG	5	3928	1/1	0.93	0.27	24,24,24,24	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	5	3623	7/7	0.93	0.24	110,110,110,110	0
86	MG	6	2129	1/1	0.93	0.20	54,54,54,54	0
85	OHX	1	3583	7/7	0.93	0.31	107,107,107,107	0
85	OHX	5	3702	7/7	0.93	0.30	107,107,107,107	0
86	MG	5	3804	1/1	0.93	0.30	39,39,39,39	0
86	MG	5	3805	1/1	0.93	0.22	41,41,41,41	0
86	MG	5	4066	1/1	0.93	0.14	64,64,64,64	0
86	MG	1	3859	1/1	0.93	0.27	48,48,48,48	0
85	OHX	5	3705	7/7	0.93	0.30	114,114,114,114	0
86	MG	1	3781	1/1	0.93	0.09	45,45,45,45	0
86	MG	6	2135	1/1	0.93	0.12	76,76,76,76	0
85	OHX	1	3584	7/7	0.93	0.26	127,127,127,127	0
85	OHX	5	3626	7/7	0.93	0.19	136,136,136,136	0
86	MG	5	3813	1/1	0.93	0.24	48,48,48,48	0
85	OHX	1	3541	7/7	0.93	0.22	119,119,119,119	0
85	OHX	1	3625	7/7	0.93	0.17	125,125,125,125	0
85	OHX	1	3594	7/7	0.93	0.30	109,109,109,109	0
86	MG	5	4080	1/1	0.93	0.15	33,33,33,33	0
86	MG	M7	208	1/1	0.93	0.08	50,50,50,50	0
85	OHX	1	3697	7/7	0.93	0.23	126,126,126,126	0
85	OHX	1	3595	7/7	0.93	0.12	159,159,159,159	0
86	MG	1	3789	1/1	0.93	0.20	30,30,30,30	0
85	OHX	5	3638	7/7	0.93	0.23	130,130,130,130	0
86	MG	1	3975	1/1	0.93	0.23	58,58,58,58	0
86	MG	1	4078	1/1	0.93	0.07	84,84,84,84	0
86	MG	o1	201	1/1	0.93	0.21	51,51,51,51	0
85	OHX	2	1961	7/7	0.93	0.18	135,135,135,135	0
86	MG	1	3792	1/1	0.93	0.26	60,60,60,60	0
86	MG	5	3959	1/1	0.93	0.22	54,54,54,54	0
86	MG	1	4081	1/1	0.93	0.32	53,53,53,53	0
86	MG	5	3961	1/1	0.93	0.15	38,38,38,38	0
86	MG	1	3878	1/1	0.93	0.37	31,31,31,31	0
86	MG	1	3979	1/1	0.93	0.20	43,43,43,43	0
85	OHX	5	3640	7/7	0.93	0.22	123,123,123,123	0
86	MG	6	2051	1/1	0.93	0.28	52,52,52,52	0
86	MG	1	3981	1/1	0.93	0.20	41,41,41,41	0
85	OHX	6	1991	7/7	0.93	0.25	118,118,118,118	0
85	OHX	2	1968	7/7	0.93	0.28	130,130,130,130	0
87	ZN	Q2	501	1/1	0.93	0.27	83,83,83,83	0
85	OHX	2	1980	7/7	0.93	0.13	141,141,141,141	0
85	OHX	2	2007	7/7	0.93	0.12	150,150,150,150	0
85	OHX	2	2008	7/7	0.93	0.11	185,185,185,185	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	5	3589	7/7	0.94	0.17	115,115,115,115	0
86	MG	1	3882	1/1	0.94	0.24	31,31,31,31	0
86	MG	1	4096	1/1	0.94	0.07	56,56,56,56	0
85	OHX	1	3640	7/7	0.94	0.19	122,122,122,122	0
85	OHX	1	3678	7/7	0.94	0.25	116,116,116,116	0
86	MG	1	3991	1/1	0.94	0.08	48,48,48,48	0
85	OHX	5	3595	7/7	0.94	0.29	99,99,99,99	0
85	OHX	5	3684	7/7	0.94	0.10	150,150,150,150	0
86	MG	5	3854	1/1	0.94	0.31	25,25,25,25	0
86	MG	1	3887	1/1	0.94	0.23	27,27,27,27	0
86	MG	2	2045	1/1	0.94	0.31	53,53,53,53	0
85	OHX	6	1965	7/7	0.94	0.17	125,125,125,125	0
85	OHX	6	1966	7/7	0.94	0.21	122,122,122,122	0
85	OHX	6	1969	7/7	0.94	0.23	120,120,120,120	0
85	OHX	5	3689	7/7	0.94	0.26	114,114,114,114	0
85	OHX	5	3602	7/7	0.94	0.15	123,123,123,123	0
86	MG	2	2130	1/1	0.94	0.29	70,70,70,70	0
85	OHX	1	3642	7/7	0.94	0.09	208,208,208,208	0
86	MG	5	4130	1/1	0.94	0.13	46,46,46,46	0
85	OHX	1	3643	7/7	0.94	0.29	106,106,106,106	0
85	OHX	1	3511	7/7	0.94	0.11	122,122,122,122	0
86	MG	1	3901	1/1	0.94	0.21	34,34,34,34	0
86	MG	5	3872	1/1	0.94	0.29	30,30,30,30	0
85	OHX	1	3527	7/7	0.94	0.26	109,109,109,109	0
85	OHX	2	1969	7/7	0.94	0.21	136,136,136,136	0
86	MG	5	3751	1/1	0.94	0.12	44,44,44,44	0
85	OHX	1	3576	7/7	0.94	0.28	110,110,110,110	0
85	OHX	5	3612	7/7	0.94	0.23	129,129,129,129	0
86	MG	5	3754	1/1	0.94	0.28	47,47,47,47	0
86	MG	5	3879	1/1	0.94	0.18	37,37,37,37	0
86	MG	5	4142	1/1	0.94	0.17	53,53,53,53	0
85	OHX	6	1981	7/7	0.94	0.24	114,114,114,114	0
85	OHX	1	3612	7/7	0.94	0.23	117,117,117,117	0
85	OHX	1	3613	7/7	0.94	0.17	123,123,123,123	0
85	OHX	5	3617	7/7	0.94	0.30	102,102,102,102	0
86	MG	1	3813	1/1	0.94	0.20	33,33,33,33	0
86	MG	1	4020	1/1	0.94	0.22	39,39,39,39	0
85	OHX	5	3619	7/7	0.94	0.28	109,109,109,109	0
85	OHX	5	3704	7/7	0.94	0.22	100,100,100,100	0
86	MG	5	3764	1/1	0.94	0.33	38,38,38,38	0
85	OHX	1	3578	7/7	0.94	0.17	134,134,134,134	0
86	MG	5	3890	1/1	0.94	0.30	49,49,49,49	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	1	3916	1/1	0.94	0.10	46,46,46,46	0
86	MG	1	4131	1/1	0.94	0.18	34,34,34,34	0
85	OHX	5	3622	7/7	0.94	0.20	132,132,132,132	0
85	OHX	2	1952	7/7	0.94	0.25	119,119,119,119	0
85	OHX	1	3689	7/7	0.94	0.28	108,108,108,108	0
85	OHX	2	1934	7/7	0.94	0.14	124,124,124,124	0
86	MG	5	3773	1/1	0.94	0.39	47,47,47,47	0
85	OHX	1	3732	7/7	0.94	0.10	158,158,158,158	0
86	MG	3	215	1/1	0.94	0.20	39,39,39,39	0
85	OHX	5	3628	7/7	0.94	0.12	139,139,139,139	0
86	MG	1	4032	1/1	0.94	0.22	70,70,70,70	0
85	OHX	6	1992	7/7	0.94	0.18	117,117,117,117	0
86	MG	5	3905	1/1	0.94	0.31	27,27,27,27	0
85	OHX	5	3715	7/7	0.94	0.25	92,92,92,92	0
86	MG	1	3926	1/1	0.94	0.23	48,48,48,48	0
85	OHX	1	3618	7/7	0.94	0.21	125,125,125,125	0
85	OHX	2	2014	7/7	0.94	0.22	125,125,125,125	0
85	OHX	2	1947	7/7	0.94	0.22	111,111,111,111	0
86	MG	5	3784	1/1	0.94	0.20	31,31,31,31	0
85	OHX	1	3623	7/7	0.94	0.20	120,120,120,120	0
85	OHX	5	3637	7/7	0.94	0.28	111,111,111,111	0
85	OHX	1	3550	7/7	0.94	0.19	119,119,119,119	0
85	OHX	1	3660	7/7	0.94	0.27	98,98,98,98	0
85	OHX	1	3553	7/7	0.94	0.10	141,141,141,141	0
86	MG	5	3790	1/1	0.94	0.18	37,37,37,37	0
85	OHX	4	206	7/7	0.94	0.25	103,103,103,103	0
86	MG	5	4050	1/1	0.94	0.39	52,52,52,52	0
85	OHX	2	1964	7/7	0.94	0.23	120,120,120,120	0
85	OHX	5	3644	7/7	0.94	0.30	90,90,90,90	0
85	OHX	2	2040	7/7	0.94	0.10	147,147,147,147	0
86	MG	L2	301	1/1	0.94	0.10	41,41,41,41	0
86	MG	5	3796	1/1	0.94	0.25	38,38,38,38	0
85	OHX	6	2008	7/7	0.94	0.13	133,133,133,133	0
85	OHX	1	3629	7/7	0.94	0.10	144,144,144,144	0
85	OHX	2	1957	7/7	0.94	0.27	117,117,117,117	0
85	OHX	1	3456	7/7	0.94	0.12	112,112,112,112	0
86	MG	L4	403	1/1	0.94	0.41	39,39,39,39	0
85	OHX	5	3651	7/7	0.94	0.23	100,100,100,100	0
86	MG	1	3843	1/1	0.94	0.17	30,30,30,30	0
85	OHX	5	3496	7/7	0.94	0.29	100,100,100,100	0
85	OHX	6	2014	7/7	0.94	0.27	119,119,119,119	0
85	OHX	5	3504	7/7	0.94	0.31	98,98,98,98	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	5	3517	7/7	0.94	0.23	90,90,90,90	0
85	OHX	5	3520	7/7	0.94	0.12	131,131,131,131	0
85	OHX	1	3482	7/7	0.94	0.12	114,114,114,114	0
85	OHX	6	2016	7/7	0.94	0.22	117,117,117,117	0
86	MG	1	3765	1/1	0.94	0.10	51,51,51,51	0
85	OHX	1	3602	7/7	0.94	0.11	137,137,137,137	0
85	OHX	1	3634	7/7	0.94	0.26	112,112,112,112	0
85	OHX	7	208	7/7	0.94	0.12	125,125,125,125	0
85	OHX	5	3551	7/7	0.94	0.19	117,117,117,117	0
85	OHX	1	3487	7/7	0.94	0.12	118,118,118,118	0
86	MG	N0	201	1/1	0.94	0.14	47,47,47,47	0
85	OHX	5	3556	7/7	0.94	0.25	94,94,94,94	0
85	OHX	8	211	7/7	0.94	0.20	120,120,120,120	0
86	MG	1	3860	1/1	0.94	0.17	45,45,45,45	0
85	OHX	8	212	7/7	0.94	0.21	125,125,125,125	0
85	OHX	5	3558	7/7	0.94	0.24	107,107,107,107	0
86	MG	1	4075	1/1	0.94	0.18	54,54,54,54	0
85	OHX	5	3560	7/7	0.94	0.23	101,101,101,101	0
86	MG	5	4090	1/1	0.94	0.25	37,37,37,37	0
85	OHX	5	3667	7/7	0.94	0.26	100,100,100,100	0
85	OHX	2	2025	7/7	0.94	0.22	126,126,126,126	0
85	OHX	5	3567	7/7	0.94	0.14	119,119,119,119	0
85	OHX	1	3566	7/7	0.94	0.18	133,133,133,133	0
85	OHX	1	3714	7/7	0.94	0.32	95,95,95,95	0
85	OHX	5	3575	7/7	0.94	0.21	119,119,119,119	0
86	MG	1	3871	1/1	0.94	0.26	31,31,31,31	0
86	MG	1	4084	1/1	0.94	0.22	35,35,35,35	0
86	MG	1	3872	1/1	0.94	0.26	42,42,42,42	0
85	OHX	5	3576	7/7	0.94	0.24	117,117,117,117	0
85	OHX	1	3675	7/7	0.94	0.22	122,122,122,122	0
85	OHX	1	3638	7/7	0.94	0.16	126,126,126,126	0
85	OHX	5	3588	7/7	0.94	0.13	127,127,127,127	0
85	OHX	m0	303	7/7	0.94	0.22	119,119,119,119	0
86	MG	1	3879	1/1	0.94	0.29	30,30,30,30	0
85	OHX	m1	201	7/7	0.94	0.17	135,135,135,135	0
86	MG	1	3986	1/1	0.94	0.16	42,42,42,42	0
85	OHX	2	1940	7/7	0.95	0.18	120,120,120,120	0
85	OHX	2	1993	7/7	0.95	0.19	119,119,119,119	0
85	OHX	1	3551	7/7	0.95	0.19	128,128,128,128	0
85	OHX	6	1980	7/7	0.95	0.23	99,99,99,99	0
85	OHX	o3	201	7/7	0.95	0.20	101,101,101,101	0
86	MG	5	3951	1/1	0.95	0.11	41,41,41,41	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	2	1954	7/7	0.95	0.17	115,115,115,115	0
85	OHX	6	1982	7/7	0.95	0.11	137,137,137,137	0
86	MG	6	2121	1/1	0.95	0.10	68,68,68,68	0
85	OHX	6	1983	7/7	0.95	0.10	136,136,136,136	0
85	OHX	sR	401	7/7	0.95	0.09	156,156,156,156	0
86	MG	1	3868	1/1	0.95	0.18	37,37,37,37	0
85	OHX	5	3476	7/7	0.95	0.10	104,104,104,104	0
85	OHX	5	3486	7/7	0.95	0.20	99,99,99,99	0
85	OHX	5	3495	7/7	0.95	0.17	103,103,103,103	0
86	MG	5	4105	1/1	0.95	0.08	47,47,47,47	0
85	OHX	2	1972	7/7	0.95	0.09	151,151,151,151	0
86	MG	1	3873	1/1	0.95	0.31	32,32,32,32	0
86	MG	5	4108	1/1	0.95	0.30	29,29,29,29	0
85	OHX	5	3499	7/7	0.95	0.27	97,97,97,97	0
85	OHX	2	1974	7/7	0.95	0.22	140,140,140,140	0
86	MG	5	4111	1/1	0.95	0.14	42,42,42,42	0
85	OHX	1	3558	7/7	0.95	0.21	111,111,111,111	0
85	OHX	5	3509	7/7	0.95	0.12	107,107,107,107	0
85	OHX	5	3514	7/7	0.95	0.23	102,102,102,102	0
85	OHX	5	3515	7/7	0.95	0.23	102,102,102,102	0
85	OHX	1	3720	7/7	0.95	0.23	96,96,96,96	0
85	OHX	2	1975	7/7	0.95	0.10	161,161,161,161	0
85	OHX	5	3522	7/7	0.95	0.25	93,93,93,93	0
85	OHX	2	1929	7/7	0.95	0.23	116,116,116,116	0
86	MG	5	3973	1/1	0.95	0.08	65,65,65,65	0
85	OHX	5	3527	7/7	0.95	0.22	102,102,102,102	0
85	OHX	5	3530	7/7	0.95	0.24	92,92,92,92	0
85	OHX	5	3531	7/7	0.95	0.19	94,94,94,94	0
85	OHX	5	3533	7/7	0.95	0.22	84,84,84,84	0
85	OHX	5	3534	7/7	0.95	0.15	110,110,110,110	0
85	OHX	5	3536	7/7	0.95	0.28	104,104,104,104	0
86	MG	1	4028	1/1	0.95	0.09	87,87,87,87	0
85	OHX	5	3678	7/7	0.95	0.25	110,110,110,110	0
85	OHX	2	1931	7/7	0.95	0.10	134,134,134,134	0
85	OHX	1	3462	7/7	0.95	0.12	121,121,121,121	0
85	OHX	5	3681	7/7	0.95	0.19	117,117,117,117	0
85	OHX	5	3542	7/7	0.95	0.09	127,127,127,127	0
85	OHX	1	3620	7/7	0.95	0.17	124,124,124,124	0
85	OHX	5	3549	7/7	0.95	0.22	109,109,109,109	0
86	MG	1	3776	1/1	0.95	0.16	34,34,34,34	0
85	OHX	6	1994	7/7	0.95	0.22	127,127,127,127	0
85	OHX	5	3686	7/7	0.95	0.19	133,133,133,133	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	1	3464	7/7	0.95	0.12	102,102,102,102	0
85	OHX	2	1932	7/7	0.95	0.16	128,128,128,128	0
85	OHX	1	3484	7/7	0.95	0.15	114,114,114,114	0
85	OHX	5	3559	7/7	0.95	0.19	98,98,98,98	0
86	MG	M7	205	1/1	0.95	0.24	34,34,34,34	0
85	OHX	1	3486	7/7	0.95	0.11	117,117,117,117	0
85	OHX	5	3562	7/7	0.95	0.15	130,130,130,130	0
85	OHX	5	3564	7/7	0.95	0.11	137,137,137,137	0
86	MG	M8	201	1/1	0.95	0.13	43,43,43,43	0
85	OHX	1	3570	7/7	0.95	0.29	99,99,99,99	0
85	OHX	6	2001	7/7	0.95	0.20	101,101,101,101	0
85	OHX	2	1921	7/7	0.95	0.13	112,112,112,112	0
85	OHX	5	3571	7/7	0.95	0.12	113,113,113,113	0
85	OHX	5	3572	7/7	0.95	0.25	99,99,99,99	0
85	OHX	2	1949	7/7	0.95	0.17	127,127,127,127	0
85	OHX	5	3574	7/7	0.95	0.19	110,110,110,110	0
85	OHX	1	3499	7/7	0.95	0.10	119,119,119,119	0
85	OHX	1	3579	7/7	0.95	0.17	117,117,117,117	0
85	OHX	6	2007	7/7	0.95	0.17	130,130,130,130	0
86	MG	5	4010	1/1	0.95	0.35	40,40,40,40	0
85	OHX	1	3580	7/7	0.95	0.20	96,96,96,96	0
86	MG	1	3797	1/1	0.95	0.15	38,38,38,38	0
85	OHX	5	3583	7/7	0.95	0.21	113,113,113,113	0
85	OHX	5	3586	7/7	0.95	0.29	105,105,105,105	0
85	OHX	1	3582	7/7	0.95	0.26	101,101,101,101	0
85	OHX	3	208	7/7	0.95	0.12	120,120,120,120	0
85	OHX	1	3503	7/7	0.95	0.11	109,109,109,109	0
85	OHX	1	3510	7/7	0.95	0.21	104,104,104,104	0
86	MG	1	3931	1/1	0.95	0.20	49,49,49,49	0
85	OHX	5	3713	7/7	0.95	0.23	107,107,107,107	0
85	OHX	5	3594	7/7	0.95	0.24	93,93,93,93	0
86	MG	5	4023	1/1	0.95	0.17	60,60,60,60	0
85	OHX	1	3586	7/7	0.95	0.21	98,98,98,98	0
86	MG	sM	401	1/1	0.95	0.15	44,44,44,44	0
85	OHX	4	203	7/7	0.95	0.20	95,95,95,95	0
85	OHX	5	3597	7/7	0.95	0.26	107,107,107,107	0
85	OHX	5	3718	7/7	0.95	0.26	109,109,109,109	0
85	OHX	2	1963	7/7	0.95	0.11	142,142,142,142	0
85	OHX	5	3599	7/7	0.95	0.21	123,123,123,123	0
85	OHX	1	3590	7/7	0.95	0.14	131,131,131,131	0
85	OHX	5	3601	7/7	0.95	0.25	112,112,112,112	0
85	OHX	1	3591	7/7	0.95	0.24	100,100,100,100	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	4	209	7/7	0.95	0.09	140,140,140,140	0
85	OHX	1	3690	7/7	0.95	0.19	125,125,125,125	0
85	OHX	1	3641	7/7	0.95	0.19	135,135,135,135	0
85	OHX	5	3606	7/7	0.95	0.24	91,91,91,91	0
85	OHX	1	3592	7/7	0.95	0.10	144,144,144,144	0
85	OHX	1	3593	7/7	0.95	0.25	88,88,88,88	0
86	MG	8	224	1/1	0.95	0.15	61,61,61,61	0
85	OHX	1	3695	7/7	0.95	0.21	101,101,101,101	0
86	MG	5	3900	1/1	0.95	0.21	29,29,29,29	0
85	OHX	L3	402	7/7	0.95	0.19	116,116,116,116	0
85	OHX	L4	401	7/7	0.95	0.17	121,121,121,121	0
85	OHX	1	3516	7/7	0.95	0.17	106,106,106,106	0
85	OHX	1	3522	7/7	0.95	0.28	98,98,98,98	0
85	OHX	6	2030	7/7	0.95	0.20	98,98,98,98	0
85	OHX	2	1951	7/7	0.95	0.09	148,148,148,148	0
86	MG	5	4051	1/1	0.95	0.15	67,67,67,67	0
85	OHX	1	3528	7/7	0.95	0.27	102,102,102,102	0
85	OHX	5	3621	7/7	0.95	0.26	99,99,99,99	0
85	OHX	1	3533	7/7	0.95	0.10	155,155,155,155	0
85	OHX	O3	201	7/7	0.95	0.27	105,105,105,105	0
86	MG	1	3964	1/1	0.95	0.33	51,51,51,51	0
85	OHX	2	1965	7/7	0.95	0.18	126,126,126,126	0
85	OHX	6	1940	7/7	0.95	0.17	102,102,102,102	0
85	OHX	2	1966	7/7	0.95	0.20	124,124,124,124	0
85	OHX	7	209	7/7	0.95	0.24	102,102,102,102	0
86	MG	m7	201	1/1	0.95	0.24	32,32,32,32	0
85	OHX	6	1951	7/7	0.95	0.08	161,161,161,161	0
85	OHX	5	3629	7/7	0.95	0.13	135,135,135,135	0
86	MG	5	4063	1/1	0.95	0.38	37,37,37,37	0
85	OHX	6	1952	7/7	0.95	0.15	114,114,114,114	0
85	OHX	8	207	7/7	0.95	0.12	114,114,114,114	0
85	OHX	8	208	7/7	0.95	0.23	108,108,108,108	0
85	OHX	8	209	7/7	0.95	0.14	114,114,114,114	0
85	OHX	6	1953	7/7	0.95	0.09	155,155,155,155	0
85	OHX	2	1967	7/7	0.95	0.18	113,113,113,113	0
85	OHX	6	1959	7/7	0.95	0.14	110,110,110,110	0
86	MG	1	3846	1/1	0.95	0.38	31,31,31,31	0
85	OHX	6	1960	7/7	0.95	0.21	109,109,109,109	0
86	MG	o3	202	1/1	0.95	0.14	40,40,40,40	0
85	OHX	2	1927	7/7	0.95	0.11	129,129,129,129	0
85	OHX	1	3543	7/7	0.95	0.21	97,97,97,97	0
85	OHX	1	3654	7/7	0.95	0.20	116,116,116,116	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	6	1967	7/7	0.95	0.24	102,102,102,102	0
86	MG	5	4078	1/1	0.95	0.07	32,32,32,32	0
86	MG	5	4079	1/1	0.95	0.15	41,41,41,41	0
85	OHX	5	3641	7/7	0.95	0.20	119,119,119,119	0
85	OHX	1	3547	7/7	0.95	0.23	126,126,126,126	0
85	OHX	1	3548	7/7	0.95	0.17	117,117,117,117	0
85	OHX	l5	301	7/7	0.95	0.12	127,127,127,127	0
85	OHX	1	3606	7/7	0.95	0.27	106,106,106,106	0
87	ZN	E1	501	1/1	0.95	0.06	134,134,134,134	0
85	OHX	1	3658	7/7	0.95	0.19	124,124,124,124	0
86	MG	5	3941	1/1	0.95	0.19	40,40,40,40	0
85	OHX	6	1974	7/7	0.95	0.17	117,117,117,117	0
86	MG	5	3800	1/1	0.95	0.24	27,27,27,27	0
85	OHX	6	2009	7/7	0.96	0.17	103,103,103,103	0
85	OHX	1	3589	7/7	0.96	0.09	137,137,137,137	0
86	MG	1	4063	1/1	0.96	0.08	33,33,33,33	0
85	OHX	5	3561	7/7	0.96	0.17	123,123,123,123	0
85	OHX	1	3535	7/7	0.96	0.18	106,106,106,106	0
85	OHX	5	3563	7/7	0.96	0.18	103,103,103,103	0
86	MG	1	3923	1/1	0.96	0.24	40,40,40,40	0
85	OHX	2	1903	7/7	0.96	0.13	89,89,89,89	0
85	OHX	5	3565	7/7	0.96	0.20	97,97,97,97	0
85	OHX	1	3538	7/7	0.96	0.18	95,95,95,95	0
85	OHX	2	1933	7/7	0.96	0.14	112,112,112,112	0
85	OHX	1	3540	7/7	0.96	0.22	101,101,101,101	0
85	OHX	5	3569	7/7	0.96	0.22	106,106,106,106	0
85	OHX	1	3471	7/7	0.96	0.12	97,97,97,97	0
85	OHX	M5	302	7/7	0.96	0.20	107,107,107,107	0
85	OHX	1	3473	7/7	0.96	0.11	89,89,89,89	0
85	OHX	2	1926	7/7	0.96	0.12	119,119,119,119	0
85	OHX	1	3545	7/7	0.96	0.17	115,115,115,115	0
85	OHX	1	3703	7/7	0.96	0.23	121,121,121,121	0
85	OHX	5	3577	7/7	0.96	0.22	105,105,105,105	0
85	OHX	1	3546	7/7	0.96	0.22	117,117,117,117	0
85	OHX	2	1960	7/7	0.96	0.07	149,149,149,149	0
85	OHX	5	3581	7/7	0.96	0.09	150,150,150,150	0
85	OHX	5	3706	7/7	0.96	0.25	106,106,106,106	0
85	OHX	6	1918	7/7	0.96	0.11	95,95,95,95	0
85	OHX	5	3584	7/7	0.96	0.14	116,116,116,116	0
86	MG	6	2087	1/1	0.96	0.17	45,45,45,45	0
85	OHX	5	3585	7/7	0.96	0.20	96,96,96,96	0
85	OHX	6	1925	7/7	0.96	0.10	105,105,105,105	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	6	1927	7/7	0.96	0.10	128,128,128,128	0
85	OHX	6	1931	7/7	0.96	0.12	109,109,109,109	0
85	OHX	6	1938	7/7	0.96	0.09	110,110,110,110	0
85	OHX	5	3591	7/7	0.96	0.18	118,118,118,118	0
85	OHX	6	1939	7/7	0.96	0.09	135,135,135,135	0
85	OHX	2	1973	7/7	0.96	0.09	146,146,146,146	0
86	MG	1	3952	1/1	0.96	0.20	50,50,50,50	0
85	OHX	6	1942	7/7	0.96	0.11	112,112,112,112	0
85	OHX	6	1943	7/7	0.96	0.13	125,125,125,125	0
85	OHX	6	1945	7/7	0.96	0.14	110,110,110,110	0
85	OHX	6	1948	7/7	0.96	0.09	131,131,131,131	0
86	MG	1	3957	1/1	0.96	0.14	55,55,55,55	0
86	MG	5	4123	1/1	0.96	0.05	49,49,49,49	0
86	MG	1	3958	1/1	0.96	0.20	42,42,42,42	0
85	OHX	5	3721	7/7	0.96	0.26	95,95,95,95	0
85	OHX	2	1988	7/7	0.96	0.08	138,138,138,138	0
85	OHX	1	3489	7/7	0.96	0.10	109,109,109,109	0
85	OHX	2	1989	7/7	0.96	0.21	109,109,109,109	0
85	OHX	1	3494	7/7	0.96	0.18	93,93,93,93	0
86	MG	1	3827	1/1	0.96	0.16	46,46,46,46	0
85	OHX	1	3711	7/7	0.96	0.20	100,100,100,100	0
85	OHX	6	1955	7/7	0.96	0.09	167,167,167,167	0
85	OHX	6	1956	7/7	0.96	0.13	112,112,112,112	0
85	OHX	6	1957	7/7	0.96	0.18	104,104,104,104	0
85	OHX	6	1958	7/7	0.96	0.14	120,120,120,120	0
85	OHX	1	3554	7/7	0.96	0.17	109,109,109,109	0
85	OHX	5	3609	7/7	0.96	0.24	99,99,99,99	0
85	OHX	2	1909	7/7	0.96	0.17	119,119,119,119	0
85	OHX	1	3500	7/7	0.96	0.15	85,85,85,85	0
85	OHX	6	1963	7/7	0.96	0.17	116,116,116,116	0
85	OHX	6	1964	7/7	0.96	0.20	110,110,110,110	0
85	OHX	2	1936	7/7	0.96	0.12	107,107,107,107	0
85	OHX	5	3739	7/7	0.96	0.19	97,97,97,97	0
85	OHX	1	3610	7/7	0.96	0.13	114,114,114,114	0
86	MG	5	4145	1/1	0.96	0.10	38,38,38,38	0
85	OHX	5	3618	7/7	0.96	0.18	103,103,103,103	0
85	OHX	1	3505	7/7	0.96	0.10	124,124,124,124	0
85	OHX	5	3743	7/7	0.96	0.15	129,129,129,129	0
86	MG	1	4125	1/1	0.96	0.31	64,64,64,64	0
85	OHX	1	3506	7/7	0.96	0.14	107,107,107,107	0
85	OHX	2	1915	7/7	0.96	0.10	142,142,142,142	0
86	MG	1	4128	1/1	0.96	0.08	41,41,41,41	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	5	3834	1/1	0.96	0.12	39,39,39,39	0
86	MG	1	4129	1/1	0.96	0.13	70,70,70,70	0
85	OHX	2	1930	7/7	0.96	0.17	118,118,118,118	0
85	OHX	7	204	7/7	0.96	0.15	86,86,86,86	0
85	OHX	1	3615	7/7	0.96	0.21	119,119,119,119	0
85	OHX	1	3514	7/7	0.96	0.18	83,83,83,83	0
86	MG	6	2136	1/1	0.96	0.15	76,76,76,76	0
85	OHX	c8	201	7/7	0.96	0.10	132,132,132,132	0
85	OHX	1	3515	7/7	0.96	0.26	86,86,86,86	0
85	OHX	5	3627	7/7	0.96	0.17	127,127,127,127	0
85	OHX	C8	201	7/7	0.96	0.10	112,112,112,112	0
85	OHX	6	1977	7/7	0.96	0.13	138,138,138,138	0
85	OHX	5	3459	7/7	0.96	0.13	80,80,80,80	0
85	OHX	5	3460	7/7	0.96	0.13	89,89,89,89	0
85	OHX	5	3468	7/7	0.96	0.10	99,99,99,99	0
85	OHX	1	3670	7/7	0.96	0.23	110,110,110,110	0
86	MG	D1	101	1/1	0.96	0.14	109,109,109,109	0
85	OHX	5	3634	7/7	0.96	0.08	139,139,139,139	0
85	OHX	5	3635	7/7	0.96	0.17	103,103,103,103	0
85	OHX	5	3484	7/7	0.96	0.18	91,91,91,91	0
85	OHX	1	3517	7/7	0.96	0.13	95,95,95,95	0
86	MG	5	3856	1/1	0.96	0.28	38,38,38,38	0
85	OHX	5	3487	7/7	0.96	0.22	89,89,89,89	0
85	OHX	1	3569	7/7	0.96	0.24	98,98,98,98	0
85	OHX	1	3621	7/7	0.96	0.09	193,193,193,193	0
85	OHX	5	3497	7/7	0.96	0.15	116,116,116,116	0
86	MG	7	218	1/1	0.96	0.17	35,35,35,35	0
85	OHX	1	3674	7/7	0.96	0.11	102,102,102,102	0
85	OHX	6	1984	7/7	0.96	0.17	110,110,110,110	0
85	OHX	1	3519	7/7	0.96	0.12	120,120,120,120	0
86	MG	4	230	1/1	0.96	0.06	51,51,51,51	0
85	OHX	5	3505	7/7	0.96	0.26	71,71,71,71	0
85	OHX	l9	201	7/7	0.96	0.17	103,103,103,103	0
86	MG	1	3747	1/1	0.96	0.26	40,40,40,40	0
86	MG	8	221	1/1	0.96	0.10	56,56,56,56	0
86	MG	5	3871	1/1	0.96	0.28	35,35,35,35	0
85	OHX	5	3506	7/7	0.96	0.12	104,104,104,104	0
86	MG	5	4031	1/1	0.96	0.15	62,62,62,62	0
85	OHX	1	3571	7/7	0.96	0.08	143,143,143,143	0
85	OHX	5	3648	7/7	0.96	0.24	102,102,102,102	0
85	OHX	m5	501	7/7	0.96	0.21	117,117,117,117	0
85	OHX	1	3624	7/7	0.96	0.27	83,83,83,83	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	1	3574	7/7	0.96	0.12	137,137,137,137	0
85	OHX	1	3520	7/7	0.96	0.22	102,102,102,102	0
85	OHX	5	3519	7/7	0.96	0.14	105,105,105,105	0
85	OHX	2	1955	7/7	0.96	0.14	119,119,119,119	0
85	OHX	1	3577	7/7	0.96	0.19	102,102,102,102	0
85	OHX	1	3737	7/7	0.96	0.14	118,118,118,118	0
85	OHX	5	3524	7/7	0.96	0.22	91,91,91,91	0
85	OHX	5	3526	7/7	0.96	0.16	109,109,109,109	0
86	MG	1	3888	1/1	0.96	0.21	31,31,31,31	0
85	OHX	3	203	7/7	0.96	0.17	112,112,112,112	0
86	MG	5	4046	1/1	0.96	0.10	33,33,33,33	0
85	OHX	5	3659	7/7	0.96	0.20	112,112,112,112	0
85	OHX	3	206	7/7	0.96	0.19	112,112,112,112	0
85	OHX	3	207	7/7	0.96	0.17	118,118,118,118	0
85	OHX	1	3523	7/7	0.96	0.21	117,117,117,117	0
86	MG	1	3894	1/1	0.96	0.32	42,42,42,42	0
85	OHX	1	3525	7/7	0.96	0.13	116,116,116,116	0
85	OHX	5	3535	7/7	0.96	0.12	132,132,132,132	0
85	OHX	1	3526	7/7	0.96	0.17	96,96,96,96	0
86	MG	6	2186	1/1	0.96	0.05	87,87,87,87	0
85	OHX	6	1999	7/7	0.96	0.18	125,125,125,125	0
86	MG	N6	201	1/1	0.96	0.27	45,45,45,45	0
85	OHX	5	3540	7/7	0.96	0.11	123,123,123,123	0
85	OHX	2	1918	7/7	0.96	0.10	99,99,99,99	0
86	MG	1	4044	1/1	0.96	0.18	77,77,77,77	0
85	OHX	1	3446	7/7	0.96	0.14	88,88,88,88	0
85	OHX	5	3544	7/7	0.96	0.20	114,114,114,114	0
86	MG	O7	105	1/1	0.96	0.14	69,69,69,69	0
85	OHX	5	3545	7/7	0.96	0.09	148,148,148,148	0
85	OHX	1	3529	7/7	0.96	0.13	133,133,133,133	0
86	MG	1	3906	1/1	0.96	0.18	24,24,24,24	0
85	OHX	5	3547	7/7	0.96	0.14	101,101,101,101	0
85	OHX	1	3585	7/7	0.96	0.14	129,129,129,129	0
85	OHX	5	3550	7/7	0.96	0.23	94,94,94,94	0
85	OHX	1	3530	7/7	0.96	0.14	124,124,124,124	0
85	OHX	5	3552	7/7	0.96	0.16	108,108,108,108	0
86	MG	5	3913	1/1	0.96	0.19	27,27,27,27	0
85	OHX	5	3553	7/7	0.96	0.19	95,95,95,95	0
86	MG	5	3758	1/1	0.96	0.23	37,37,37,37	0
85	OHX	5	3554	7/7	0.96	0.10	130,130,130,130	0
85	OHX	1	3587	7/7	0.96	0.23	104,104,104,104	0
85	OHX	4	210	7/7	0.96	0.12	131,131,131,131	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	5	3920	1/1	0.96	0.30	24,24,24,24	0
85	OHX	2	2009	7/7	0.96	0.18	112,112,112,112	0
85	OHX	1	3481	7/7	0.97	0.13	89,89,89,89	0
85	OHX	2	1911	7/7	0.97	0.12	116,116,116,116	0
85	OHX	m0	302	7/7	0.97	0.16	116,116,116,116	0
85	OHX	1	3483	7/7	0.97	0.17	89,89,89,89	0
85	OHX	2	1941	7/7	0.97	0.11	135,135,135,135	0
85	OHX	1	3531	7/7	0.97	0.10	129,129,129,129	0
85	OHX	5	3570	7/7	0.97	0.17	104,104,104,104	0
85	OHX	1	3532	7/7	0.97	0.16	99,99,99,99	0
85	OHX	2	1950	7/7	0.97	0.16	115,115,115,115	0
85	OHX	2	1928	7/7	0.97	0.11	114,114,114,114	0
85	OHX	1	3536	7/7	0.97	0.18	83,83,83,83	0
85	OHX	2	1985	7/7	0.97	0.15	110,110,110,110	0
86	MG	5	3859	1/1	0.97	0.35	37,37,37,37	0
85	OHX	1	3441	7/7	0.97	0.10	87,87,87,87	0
85	OHX	6	1905	7/7	0.97	0.10	80,80,80,80	0
85	OHX	5	3578	7/7	0.97	0.17	109,109,109,109	0
85	OHX	1	3491	7/7	0.97	0.15	95,95,95,95	0
85	OHX	5	3442	7/7	0.97	0.11	82,82,82,82	0
86	MG	5	3866	1/1	0.97	0.32	22,22,22,22	0
85	OHX	5	3444	7/7	0.97	0.15	95,95,95,95	0
85	OHX	5	3453	7/7	0.97	0.12	111,111,111,111	0
85	OHX	5	3457	7/7	0.97	0.10	88,88,88,88	0
85	OHX	6	1920	7/7	0.97	0.11	124,124,124,124	0
85	OHX	6	1923	7/7	0.97	0.09	99,99,99,99	0
85	OHX	5	3587	7/7	0.97	0.20	108,108,108,108	0
85	OHX	5	3461	7/7	0.97	0.10	74,74,74,74	0
85	OHX	5	3465	7/7	0.97	0.10	90,90,90,90	0
85	OHX	5	3466	7/7	0.97	0.14	84,84,84,84	0
85	OHX	1	3492	7/7	0.97	0.19	87,87,87,87	0
85	OHX	5	3592	7/7	0.97	0.20	96,96,96,96	0
85	OHX	5	3469	7/7	0.97	0.14	92,92,92,92	0
85	OHX	5	3474	7/7	0.97	0.15	80,80,80,80	0
85	OHX	1	3445	7/7	0.97	0.10	76,76,76,76	0
85	OHX	5	3480	7/7	0.97	0.15	84,84,84,84	0
85	OHX	5	3481	7/7	0.97	0.11	87,87,87,87	0
85	OHX	5	3482	7/7	0.97	0.12	93,93,93,93	0
85	OHX	5	3483	7/7	0.97	0.15	103,103,103,103	0
85	OHX	6	1930	7/7	0.97	0.13	99,99,99,99	0
85	OHX	1	3495	7/7	0.97	0.17	71,71,71,71	0
86	MG	5	4016	1/1	0.97	0.13	40,40,40,40	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	6	1933	7/7	0.97	0.12	112,112,112,112	0
86	MG	1	3994	1/1	0.97	0.08	43,43,43,43	0
85	OHX	5	3490	7/7	0.97	0.13	91,91,91,91	0
86	MG	6	2090	1/1	0.97	0.34	32,32,32,32	0
85	OHX	5	3493	7/7	0.97	0.11	99,99,99,99	0
85	OHX	6	1935	7/7	0.97	0.15	98,98,98,98	0
85	OHX	6	1936	7/7	0.97	0.09	112,112,112,112	0
85	OHX	6	2003	7/7	0.97	0.18	103,103,103,103	0
85	OHX	5	3498	7/7	0.97	0.15	104,104,104,104	0
85	OHX	6	1937	7/7	0.97	0.08	113,113,113,113	0
85	OHX	5	3610	7/7	0.97	0.20	103,103,103,103	0
86	MG	5	4028	1/1	0.97	0.17	41,41,41,41	0
85	OHX	5	3500	7/7	0.97	0.09	117,117,117,117	0
85	OHX	1	3497	7/7	0.97	0.15	102,102,102,102	0
86	MG	1	4007	1/1	0.97	0.07	51,51,51,51	0
85	OHX	1	3544	7/7	0.97	0.20	101,101,101,101	0
85	OHX	2	1944	7/7	0.97	0.08	142,142,142,142	0
85	OHX	6	1941	7/7	0.97	0.16	111,111,111,111	0
85	OHX	1	3451	7/7	0.97	0.09	99,99,99,99	0
85	OHX	5	3512	7/7	0.97	0.14	90,90,90,90	0
85	OHX	1	3502	7/7	0.97	0.15	98,98,98,98	0
85	OHX	6	1944	7/7	0.97	0.17	108,108,108,108	0
85	OHX	5	3516	7/7	0.97	0.08	141,141,141,141	0
85	OHX	1	3452	7/7	0.97	0.13	87,87,87,87	0
85	OHX	5	3518	7/7	0.97	0.18	103,103,103,103	0
85	OHX	6	2013	7/7	0.97	0.19	103,103,103,103	0
86	MG	1	3900	1/1	0.97	0.31	27,27,27,27	0
85	OHX	6	1946	7/7	0.97	0.10	113,113,113,113	0
85	OHX	5	3521	7/7	0.97	0.08	119,119,119,119	0
85	OHX	6	1947	7/7	0.97	0.13	102,102,102,102	0
85	OHX	1	3504	7/7	0.97	0.17	88,88,88,88	0
85	OHX	1	3454	7/7	0.97	0.10	99,99,99,99	0
86	MG	5	3919	1/1	0.97	0.36	33,33,33,33	0
85	OHX	5	3525	7/7	0.97	0.14	108,108,108,108	0
86	MG	1	3907	1/1	0.97	0.41	28,28,28,28	0
85	OHX	6	1950	7/7	0.97	0.10	123,123,123,123	0
85	OHX	5	3734	7/7	0.97	0.23	97,97,97,97	0
85	OHX	1	3455	7/7	0.97	0.12	91,91,91,91	0
85	OHX	5	3528	7/7	0.97	0.10	117,117,117,117	0
85	OHX	5	3529	7/7	0.97	0.12	102,102,102,102	0
85	OHX	1	3552	7/7	0.97	0.17	104,104,104,104	0
85	OHX	1	3507	7/7	0.97	0.10	106,106,106,106	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
86	MG	8	225	1/1	0.97	0.18	66,66,66,66	0
85	OHX	1	3508	7/7	0.97	0.15	111,111,111,111	0
86	MG	4	227	1/1	0.97	0.05	47,47,47,47	0
85	OHX	1	3509	7/7	0.97	0.20	94,94,94,94	0
85	OHX	2	1987	7/7	0.97	0.09	147,147,147,147	0
85	OHX	3	204	7/7	0.97	0.10	99,99,99,99	0
85	OHX	5	3537	7/7	0.97	0.18	92,92,92,92	0
86	MG	l3	407	1/1	0.97	0.08	31,31,31,31	0
85	OHX	3	205	7/7	0.97	0.15	90,90,90,90	0
86	MG	5	3809	1/1	0.97	0.27	38,38,38,38	0
85	OHX	1	3694	7/7	0.97	0.18	98,98,98,98	0
86	MG	5	3938	1/1	0.97	0.20	33,33,33,33	0
85	OHX	7	203	7/7	0.97	0.15	95,95,95,95	0
85	OHX	1	3459	7/7	0.97	0.12	79,79,79,79	0
85	OHX	7	205	7/7	0.97	0.18	93,93,93,93	0
86	MG	5	3942	1/1	0.97	0.12	31,31,31,31	0
85	OHX	7	206	7/7	0.97	0.11	100,100,100,100	0
86	MG	L7	301	1/1	0.97	0.13	39,39,39,39	0
85	OHX	7	207	7/7	0.97	0.12	101,101,101,101	0
85	OHX	1	3512	7/7	0.97	0.14	100,100,100,100	0
86	MG	5	3947	1/1	0.97	0.13	38,38,38,38	0
85	OHX	5	3543	7/7	0.97	0.23	80,80,80,80	0
85	OHX	6	1962	7/7	0.97	0.18	97,97,97,97	0
85	OHX	1	3460	7/7	0.97	0.10	88,88,88,88	0
85	OHX	1	3561	7/7	0.97	0.20	97,97,97,97	0
85	OHX	8	203	7/7	0.97	0.11	114,114,114,114	0
85	OHX	8	205	7/7	0.97	0.17	101,101,101,101	0
85	OHX	8	206	7/7	0.97	0.11	115,115,115,115	0
85	OHX	2	1977	7/7	0.97	0.12	113,113,113,113	0
85	OHX	5	3548	7/7	0.97	0.21	86,86,86,86	0
85	OHX	2	1937	7/7	0.97	0.11	123,123,123,123	0
85	OHX	8	210	7/7	0.97	0.08	139,139,139,139	0
85	OHX	4	204	7/7	0.97	0.10	108,108,108,108	0
85	OHX	6	1968	7/7	0.97	0.11	123,123,123,123	0
85	OHX	4	205	7/7	0.97	0.19	121,121,121,121	0
85	OHX	1	3468	7/7	0.97	0.13	100,100,100,100	0
85	OHX	2	1939	7/7	0.97	0.09	123,123,123,123	0
85	OHX	6	1972	7/7	0.97	0.17	101,101,101,101	0
85	OHX	2	1962	7/7	0.97	0.18	114,114,114,114	0
85	OHX	1	3521	7/7	0.97	0.19	86,86,86,86	0
85	OHX	l3	401	7/7	0.97	0.15	95,95,95,95	0
85	OHX	1	3475	7/7	0.97	0.10	119,119,119,119	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	1	3476	7/7	0.97	0.09	98,98,98,98	0
85	OHX	1	3478	7/7	0.97	0.15	96,96,96,96	0
86	MG	1	3951	1/1	0.97	0.12	40,40,40,40	0
85	OHX	6	1978	7/7	0.97	0.18	98,98,98,98	0
85	OHX	1	3573	7/7	0.97	0.17	110,110,110,110	0
86	MG	5	3844	1/1	0.97	0.32	38,38,38,38	0
86	MG	6	2168	1/1	0.97	0.21	44,44,44,44	0
85	OHX	1	3480	7/7	0.97	0.11	105,105,105,105	0
85	OHX	1	3467	7/7	0.98	0.09	87,87,87,87	0
85	OHX	5	3503	7/7	0.98	0.09	102,102,102,102	0
85	OHX	6	1924	7/7	0.98	0.16	91,91,91,91	0
85	OHX	8	204	7/7	0.98	0.13	97,97,97,97	0
85	OHX	2	1906	7/7	0.98	0.10	103,103,103,103	0
85	OHX	6	1926	7/7	0.98	0.21	87,87,87,87	0
85	OHX	5	3507	7/7	0.98	0.13	87,87,87,87	0
85	OHX	5	3508	7/7	0.98	0.17	93,93,93,93	0
85	OHX	1	3469	7/7	0.98	0.08	100,100,100,100	0
85	OHX	5	3510	7/7	0.98	0.08	122,122,122,122	0
85	OHX	6	1928	7/7	0.98	0.07	136,136,136,136	0
86	MG	1	4002	1/1	0.98	0.08	43,43,43,43	0
85	OHX	5	3513	7/7	0.98	0.10	101,101,101,101	0
85	OHX	2	1912	7/7	0.98	0.09	110,110,110,110	0
85	OHX	1	3472	7/7	0.98	0.09	92,92,92,92	0
85	OHX	6	1932	7/7	0.98	0.11	90,90,90,90	0
85	OHX	2	1913	7/7	0.98	0.08	106,106,106,106	0
85	OHX	6	1934	7/7	0.98	0.12	101,101,101,101	0
85	OHX	1	3474	7/7	0.98	0.10	87,87,87,87	0
85	OHX	2	1948	7/7	0.98	0.09	124,124,124,124	0
85	OHX	2	1914	7/7	0.98	0.10	97,97,97,97	0
86	MG	1	4013	1/1	0.98	0.12	34,34,34,34	0
85	OHX	1	3534	7/7	0.98	0.07	146,146,146,146	0
85	OHX	1	3477	7/7	0.98	0.10	95,95,95,95	0
85	OHX	2	1907	7/7	0.98	0.08	101,101,101,101	0
85	OHX	1	3479	7/7	0.98	0.16	85,85,85,85	0
85	OHX	2	1970	7/7	0.98	0.12	107,107,107,107	0
85	OHX	2	1916	7/7	0.98	0.08	107,107,107,107	0
85	OHX	1	3407	7/7	0.98	0.10	64,64,64,64	0
85	OHX	m0	301	7/7	0.98	0.08	118,118,118,118	0
85	OHX	1	3416	7/7	0.98	0.10	71,71,71,71	0
85	OHX	1	3418	7/7	0.98	0.10	72,72,72,72	0
85	OHX	1	3485	7/7	0.98	0.14	99,99,99,99	0
85	OHX	5	3532	7/7	0.98	0.14	79,79,79,79	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	1	3423	7/7	0.98	0.11	71,71,71,71	0
85	OHX	1	3426	7/7	0.98	0.11	82,82,82,82	0
85	OHX	o2	201	7/7	0.98	0.16	86,86,86,86	0
85	OHX	1	3488	7/7	0.98	0.10	98,98,98,98	0
85	OHX	1	3427	7/7	0.98	0.09	70,70,70,70	0
85	OHX	1	3432	7/7	0.98	0.10	77,77,77,77	0
85	OHX	q2	502	7/7	0.98	0.11	73,73,73,73	0
85	OHX	5	3538	7/7	0.98	0.09	108,108,108,108	0
85	OHX	1	3433	7/7	0.98	0.09	77,77,77,77	0
85	OHX	1	3434	7/7	0.98	0.07	82,82,82,82	0
85	OHX	1	3493	7/7	0.98	0.10	102,102,102,102	0
85	OHX	3	202	7/7	0.98	0.08	90,90,90,90	0
85	OHX	1	3435	7/7	0.98	0.09	85,85,85,85	0
85	OHX	2	1917	7/7	0.98	0.10	95,95,95,95	0
86	MG	5	3863	1/1	0.98	0.32	26,26,26,26	0
85	OHX	1	3496	7/7	0.98	0.10	108,108,108,108	0
85	OHX	1	3443	7/7	0.98	0.11	81,81,81,81	0
85	OHX	1	3556	7/7	0.98	0.16	105,105,105,105	0
85	OHX	1	3498	7/7	0.98	0.13	94,94,94,94	0
85	OHX	1	3444	7/7	0.98	0.07	92,92,92,92	0
85	OHX	2	1908	7/7	0.98	0.10	108,108,108,108	0
85	OHX	1	3501	7/7	0.98	0.13	70,70,70,70	0
85	OHX	5	3677	7/7	0.98	0.17	74,74,74,74	0
85	OHX	4	202	7/7	0.98	0.11	77,77,77,77	0
85	OHX	2	1919	7/7	0.98	0.08	94,94,94,94	0
85	OHX	s1	301	7/7	0.98	0.10	81,81,81,81	0
86	MG	O1	201	1/1	0.98	0.08	75,75,75,75	0
85	OHX	1	3447	7/7	0.98	0.09	87,87,87,87	0
85	OHX	1	3563	7/7	0.98	0.11	119,119,119,119	0
85	OHX	5	3557	7/7	0.98	0.15	91,91,91,91	0
85	OHX	1	3448	7/7	0.98	0.09	86,86,86,86	0
85	OHX	1	3449	7/7	0.98	0.08	82,82,82,82	0
86	MG	1	4056	1/1	0.98	0.11	38,38,38,38	0
85	OHX	2	1920	7/7	0.98	0.08	101,101,101,101	0
85	OHX	2	1904	7/7	0.98	0.08	89,89,89,89	0
85	OHX	1	3453	7/7	0.98	0.08	94,94,94,94	0
85	OHX	2	1938	7/7	0.98	0.14	104,104,104,104	0
85	OHX	2	1922	7/7	0.98	0.09	99,99,99,99	0
85	OHX	2	1923	7/7	0.98	0.10	101,101,101,101	0
85	OHX	1	3572	7/7	0.98	0.17	85,85,85,85	0
85	OHX	5	3413	7/7	0.98	0.08	57,57,57,57	0
86	MG	5	4174	1/1	0.98	0.10	48,48,48,48	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	5	3419	7/7	0.98	0.09	61,61,61,61	0
85	OHX	5	3429	7/7	0.98	0.11	70,70,70,70	0
85	OHX	5	3434	7/7	0.98	0.09	68,68,68,68	0
85	OHX	5	3435	7/7	0.98	0.10	90,90,90,90	0
85	OHX	5	3439	7/7	0.98	0.09	69,69,69,69	0
85	OHX	5	3441	7/7	0.98	0.08	87,87,87,87	0
85	OHX	1	3457	7/7	0.98	0.12	91,91,91,91	0
86	MG	5	3897	1/1	0.98	0.28	25,25,25,25	0
85	OHX	5	3443	7/7	0.98	0.09	81,81,81,81	0
85	OHX	1	3513	7/7	0.98	0.15	101,101,101,101	0
85	OHX	5	3703	7/7	0.98	0.17	83,83,83,83	0
85	OHX	5	3445	7/7	0.98	0.08	79,79,79,79	0
85	OHX	5	3446	7/7	0.98	0.07	85,85,85,85	0
85	OHX	5	3449	7/7	0.98	0.09	88,88,88,88	0
85	OHX	5	3451	7/7	0.98	0.08	96,96,96,96	0
85	OHX	5	3452	7/7	0.98	0.09	84,84,84,84	0
85	OHX	5	3582	7/7	0.98	0.16	85,85,85,85	0
85	OHX	1	3458	7/7	0.98	0.07	96,96,96,96	0
85	OHX	5	3454	7/7	0.98	0.08	98,98,98,98	0
85	OHX	5	3456	7/7	0.98	0.08	91,91,91,91	0
85	OHX	2	1924	7/7	0.98	0.09	117,117,117,117	0
86	MG	l3	403	1/1	0.98	0.35	27,27,27,27	0
86	MG	5	3770	1/1	0.98	0.16	37,37,37,37	0
85	OHX	5	3458	7/7	0.98	0.09	92,92,92,92	0
85	OHX	1	3639	7/7	0.98	0.16	107,107,107,107	0
85	OHX	2	1925	7/7	0.98	0.11	133,133,133,133	0
85	OHX	1	3461	7/7	0.98	0.12	80,80,80,80	0
85	OHX	5	3462	7/7	0.98	0.08	73,73,73,73	0
85	OHX	5	3463	7/7	0.98	0.11	90,90,90,90	0
85	OHX	1	3518	7/7	0.98	0.14	76,76,76,76	0
85	OHX	2	1943	7/7	0.98	0.16	104,104,104,104	0
85	OHX	5	3467	7/7	0.98	0.10	92,92,92,92	0
85	OHX	N9	102	7/7	0.98	0.09	63,63,63,63	0
85	OHX	1	3463	7/7	0.98	0.12	84,84,84,84	0
85	OHX	5	3470	7/7	0.98	0.08	87,87,87,87	0
85	OHX	5	3471	7/7	0.98	0.10	91,91,91,91	0
85	OHX	5	3472	7/7	0.98	0.09	99,99,99,99	0
85	OHX	5	3473	7/7	0.98	0.17	85,85,85,85	0
85	OHX	2	1910	7/7	0.98	0.09	100,100,100,100	0
85	OHX	5	3475	7/7	0.98	0.11	80,80,80,80	0
85	OHX	O7	102	7/7	0.98	0.10	94,94,94,94	0
85	OHX	5	3477	7/7	0.98	0.08	90,90,90,90	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	5	3478	7/7	0.98	0.10	96,96,96,96	0
85	OHX	5	3479	7/7	0.98	0.11	83,83,83,83	0
85	OHX	O7	103	7/7	0.98	0.13	92,92,92,92	0
85	OHX	Q2	502	7/7	0.98	0.14	71,71,71,71	0
85	OHX	6	1902	7/7	0.98	0.14	79,79,79,79	0
85	OHX	1	3465	7/7	0.98	0.10	98,98,98,98	0
85	OHX	6	1907	7/7	0.98	0.10	82,82,82,82	0
85	OHX	6	1908	7/7	0.98	0.10	80,80,80,80	0
85	OHX	5	3614	7/7	0.98	0.17	81,81,81,81	0
85	OHX	6	1909	7/7	0.98	0.09	96,96,96,96	0
85	OHX	5	3488	7/7	0.98	0.12	83,83,83,83	0
85	OHX	5	3489	7/7	0.98	0.17	86,86,86,86	0
85	OHX	6	1912	7/7	0.98	0.09	87,87,87,87	0
85	OHX	5	3491	7/7	0.98	0.08	118,118,118,118	0
85	OHX	7	201	7/7	0.98	0.09	80,80,80,80	0
86	MG	5	4088	1/1	0.98	0.12	35,35,35,35	0
85	OHX	7	202	7/7	0.98	0.12	88,88,88,88	0
86	MG	1	3982	1/1	0.98	0.30	32,32,32,32	0
85	OHX	6	1913	7/7	0.98	0.08	94,94,94,94	0
85	OHX	6	1915	7/7	0.98	0.09	84,84,84,84	0
87	ZN	D6	500	1/1	0.98	0.05	93,93,93,93	0
85	OHX	6	1917	7/7	0.98	0.09	86,86,86,86	0
87	ZN	D9	101	1/1	0.98	0.04	89,89,89,89	0
85	OHX	1	3466	7/7	0.98	0.15	95,95,95,95	0
85	OHX	6	1919	7/7	0.98	0.08	108,108,108,108	0
85	OHX	1	3524	7/7	0.98	0.15	109,109,109,109	0
87	ZN	d9	101	1/1	0.98	0.04	97,97,97,97	0
85	OHX	6	1922	7/7	0.98	0.16	90,90,90,90	0
85	OHX	5	3501	7/7	0.98	0.11	106,106,106,106	0
85	OHX	1	3430	7/7	0.99	0.08	75,75,75,75	0
85	OHX	5	3414	7/7	0.99	0.08	61,61,61,61	0
85	OHX	5	3415	7/7	0.99	0.07	65,65,65,65	0
85	OHX	5	3416	7/7	0.99	0.07	65,65,65,65	0
85	OHX	5	3417	7/7	0.99	0.07	57,57,57,57	0
85	OHX	5	3418	7/7	0.99	0.07	69,69,69,69	0
85	OHX	1	3431	7/7	0.99	0.09	70,70,70,70	0
85	OHX	5	3420	7/7	0.99	0.07	62,62,62,62	0
85	OHX	5	3421	7/7	0.99	0.07	67,67,67,67	0
85	OHX	5	3511	7/7	0.99	0.10	63,63,63,63	0
85	OHX	5	3422	7/7	0.99	0.07	70,70,70,70	0
85	OHX	5	3423	7/7	0.99	0.06	67,67,67,67	0
85	OHX	5	3424	7/7	0.99	0.06	66,66,66,66	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	5	3425	7/7	0.99	0.07	71,71,71,71	0
85	OHX	5	3426	7/7	0.99	0.10	70,70,70,70	0
85	OHX	5	3427	7/7	0.99	0.07	69,69,69,69	0
85	OHX	5	3428	7/7	0.99	0.07	60,60,60,60	0
86	MG	5	4071	1/1	0.99	0.04	53,53,53,53	0
85	OHX	6	1921	7/7	0.99	0.11	86,86,86,86	0
85	OHX	n3	201	7/7	0.99	0.10	85,85,85,85	0
85	OHX	5	3430	7/7	0.99	0.07	77,77,77,77	0
85	OHX	n9	101	7/7	0.99	0.07	64,64,64,64	0
85	OHX	5	3431	7/7	0.99	0.07	73,73,73,73	0
85	OHX	5	3432	7/7	0.99	0.09	67,67,67,67	0
85	OHX	5	3433	7/7	0.99	0.08	64,64,64,64	0
86	MG	1	4004	1/1	0.99	0.04	42,42,42,42	0
85	OHX	1	3404	7/7	0.99	0.08	55,55,55,55	0
85	OHX	1	3405	7/7	0.99	0.10	58,58,58,58	0
85	OHX	5	3436	7/7	0.99	0.07	66,66,66,66	0
85	OHX	5	3437	7/7	0.99	0.08	74,74,74,74	0
85	OHX	5	3438	7/7	0.99	0.08	76,76,76,76	0
85	OHX	1	3406	7/7	0.99	0.07	54,54,54,54	0
85	OHX	5	3440	7/7	0.99	0.08	83,83,83,83	0
85	OHX	2	1905	7/7	0.99	0.08	86,86,86,86	0
85	OHX	1	3470	7/7	0.99	0.09	77,77,77,77	0
85	OHX	1	3436	7/7	0.99	0.06	83,83,83,83	0
85	OHX	1	3437	7/7	0.99	0.06	67,67,67,67	0
85	OHX	6	1929	7/7	0.99	0.10	81,81,81,81	0
85	OHX	1	3438	7/7	0.99	0.06	76,76,76,76	0
85	OHX	5	3447	7/7	0.99	0.09	73,73,73,73	0
85	OHX	5	3448	7/7	0.99	0.07	69,69,69,69	0
85	OHX	1	3439	7/7	0.99	0.07	75,75,75,75	0
85	OHX	5	3450	7/7	0.99	0.07	91,91,91,91	0
85	OHX	1	3440	7/7	0.99	0.09	68,68,68,68	0
85	OHX	1	3581	7/7	0.99	0.11	101,101,101,101	0
85	OHX	1	3409	7/7	0.99	0.08	64,64,64,64	0
85	OHX	1	3442	7/7	0.99	0.07	85,85,85,85	0
85	OHX	5	3455	7/7	0.99	0.08	65,65,65,65	0
85	OHX	1	3410	7/7	0.99	0.07	63,63,63,63	0
85	OHX	1	3411	7/7	0.99	0.08	59,59,59,59	0
85	OHX	1	3412	7/7	0.99	0.08	67,67,67,67	0
85	OHX	1	3413	7/7	0.99	0.05	66,66,66,66	0
85	OHX	1	3414	7/7	0.99	0.08	65,65,65,65	0
85	OHX	1	3415	7/7	0.99	0.06	68,68,68,68	0
85	OHX	N1	201	7/7	0.99	0.07	68,68,68,68	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	2	1901	7/7	0.99	0.13	79,79,79,79	0
85	OHX	5	3464	7/7	0.99	0.07	87,87,87,87	0
85	OHX	1	3450	7/7	0.99	0.07	90,90,90,90	0
85	OHX	1	3417	7/7	0.99	0.07	65,65,65,65	0
85	OHX	2	1902	7/7	0.99	0.06	86,86,86,86	0
85	OHX	1	3419	7/7	0.99	0.09	70,70,70,70	0
85	OHX	1	3420	7/7	0.99	0.08	63,63,63,63	0
85	OHX	6	1901	7/7	0.99	0.11	61,61,61,61	0
85	OHX	1	3421	7/7	0.99	0.09	74,74,74,74	0
85	OHX	6	1903	7/7	0.99	0.08	70,70,70,70	0
85	OHX	6	1904	7/7	0.99	0.07	70,70,70,70	0
85	OHX	1	3422	7/7	0.99	0.08	73,73,73,73	0
85	OHX	6	1906	7/7	0.99	0.09	71,71,71,71	0
85	OHX	1	3401	7/7	0.99	0.10	44,44,44,44	0
85	OHX	1	3424	7/7	0.99	0.07	76,76,76,76	0
85	OHX	1	3425	7/7	0.99	0.08	77,77,77,77	0
85	OHX	6	1910	7/7	0.99	0.08	73,73,73,73	0
85	OHX	6	1911	7/7	0.99	0.06	78,78,78,78	0
85	OHX	1	3402	7/7	0.99	0.07	53,53,53,53	0
85	OHX	1	3403	7/7	0.99	0.07	45,45,45,45	0
85	OHX	6	1914	7/7	0.99	0.07	83,83,83,83	0
85	OHX	1	3428	7/7	0.99	0.07	68,68,68,68	0
85	OHX	5	3485	7/7	0.99	0.09	75,75,75,75	0
85	OHX	6	1916	7/7	0.99	0.07	88,88,88,88	0
85	OHX	4	201	7/7	0.99	0.08	57,57,57,57	0
85	OHX	1	3429	7/7	0.99	0.06	72,72,72,72	0
85	OHX	8	201	7/7	0.99	0.08	57,57,57,57	0
85	OHX	8	202	7/7	0.99	0.09	74,74,74,74	0
85	OHX	5	3401	7/7	0.99	0.12	48,48,48,48	0
85	OHX	5	3402	7/7	0.99	0.11	43,43,43,43	0
85	OHX	5	3403	7/7	0.99	0.07	42,42,42,42	0
85	OHX	5	3492	7/7	0.99	0.06	73,73,73,73	0
85	OHX	5	3404	7/7	0.99	0.06	51,51,51,51	0
85	OHX	5	3494	7/7	0.99	0.12	86,86,86,86	0
85	OHX	5	3405	7/7	0.99	0.10	55,55,55,55	0
85	OHX	5	3407	7/7	0.99	0.06	59,59,59,59	0
87	ZN	O7	101	1/1	0.99	0.06	45,45,45,45	0
85	OHX	5	3408	7/7	0.99	0.08	59,59,59,59	0
87	ZN	Q3	501	1/1	0.99	0.04	68,68,68,68	0
87	ZN	d6	500	1/1	0.99	0.04	71,71,71,71	0
85	OHX	5	3409	7/7	0.99	0.09	58,58,58,58	0
85	OHX	5	3410	7/7	0.99	0.09	59,59,59,59	0

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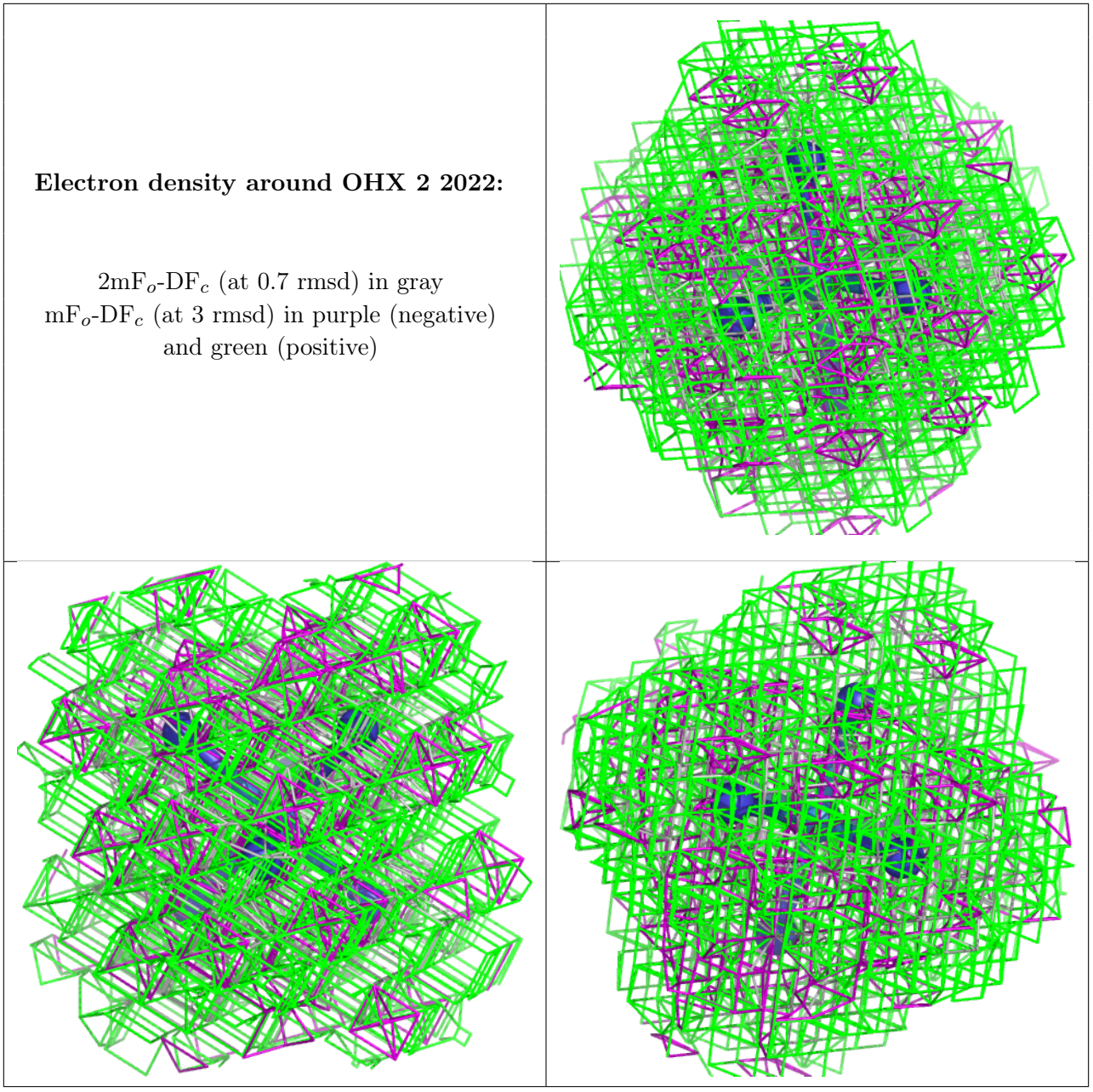
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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å^2)	Q<0.9
85	OHX	5	3411	7/7	0.99	0.09	44,44,44,44	0
87	ZN	o7	501	1/1	0.99	0.03	46,46,46,46	0
87	ZN	q0	201	1/1	0.99	0.03	37,37,37,37	0
85	OHX	5	3412	7/7	0.99	0.12	68,68,68,68	0
87	ZN	q3	501	1/1	0.99	0.03	65,65,65,65	0
85	OHX	5	3406	7/7	1.00	0.05	55,55,55,55	0
87	ZN	Q0	201	1/1	1.00	0.02	49,49,49,49	0
85	OHX	1	3408	7/7	1.00	0.05	50,50,50,50	0

The following is a graphical depiction of the model fit to experimental electron density of all instances of the Ligand of Interest. In addition, ligands with molecular weight > 250 and outliers as shown on the geometry validation Tables will also be included. Each fit is shown from different orientation to approximate a three-dimensional view.

Electron density around OHX 2 2022:

$2mF_o$-DF_c (at 0.7 rmsd) in gray
mF_o-DF_c (at 3 rmsd) in purple (negative) and green (positive)



5.5 Other polymers

There are no such residues in this entry.