



Full wwPDB X-ray Structure Validation Report ⓘ

Sep 16, 2026 – 08:21 pm BST

PDB ID : 5FCJ / pdb_00005fcj
Title : Structure of the anisomycin-containing 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 : 3.10 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

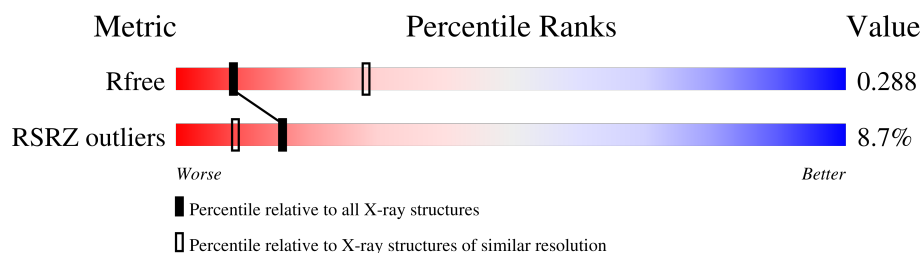
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 3.10 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	1456 (3.10-3.10)
RSRZ outliers	180081	1456 (3.10-3.10)

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
84	MG	1	3406	-	-	-	X
84	MG	1	3414	-	-	-	X
84	MG	1	3449	-	-	-	X
84	MG	1	3500	-	-	-	X
84	MG	1	3518	-	-	-	X
84	MG	1	3563	-	-	-	X
84	MG	1	3567	-	-	-	X
84	MG	1	3569	-	-	-	X
84	MG	1	3570	-	-	-	X
84	MG	1	3586	-	-	-	X
84	MG	1	3650	-	-	-	X
84	MG	1	3705	-	-	-	X
84	MG	1	3709	-	-	-	X
84	MG	2	1904	-	-	-	X
84	MG	2	1910	-	-	-	X
84	MG	2	1917	-	-	-	X
84	MG	2	1920	-	-	-	X
84	MG	2	1921	-	-	-	X

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Mol	Type	Chain	Res	Chirality	Geometry	Clashes	Electron density
84	MG	2	1922	-	-	-	X
84	MG	2	1923	-	-	-	X
84	MG	2	1924	-	-	-	X
84	MG	2	1925	-	-	-	X
84	MG	2	1927	-	-	-	X
84	MG	2	1932	-	-	-	X
84	MG	2	1940	-	-	-	X
84	MG	2	1946	-	-	-	X
84	MG	2	1947	-	-	-	X
84	MG	2	1952	-	-	-	X
84	MG	2	1953	-	-	-	X
84	MG	2	1954	-	-	-	X
84	MG	2	1956	-	-	-	X
84	MG	2	1957	-	-	-	X
84	MG	2	1962	-	-	-	X
84	MG	2	1965	-	-	-	X
84	MG	2	1969	-	-	-	X
84	MG	2	1978	-	-	-	X
84	MG	4	203	-	-	-	X
84	MG	5	3457	-	-	-	X
84	MG	5	3532	-	-	-	X
84	MG	5	3533	-	-	-	X
84	MG	5	3608	-	-	-	X
84	MG	5	3641	-	-	-	X
84	MG	5	3693	-	-	-	X
84	MG	6	1909	-	-	-	X
84	MG	6	1921	-	-	-	X
84	MG	6	1926	-	-	-	X
84	MG	6	1927	-	-	-	X
84	MG	6	1930	-	-	-	X
84	MG	6	1937	-	-	-	X
84	MG	6	1938	-	-	-	X
84	MG	6	1951	-	-	-	X
84	MG	6	1952	-	-	-	X
84	MG	6	1955	-	-	-	X
84	MG	6	1956	-	-	-	X
84	MG	6	1959	-	-	-	X
84	MG	6	1971	-	-	-	X
84	MG	6	1975	-	-	-	X
84	MG	6	1993	-	-	-	X
84	MG	6	2002	-	-	-	X

2 Entry composition

There are 87 unique types of molecules in this entry. The entry contains 410912 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
			1577	1014	278	283	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
			1799	1129	346	321	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,40S ribosomal protein S10-A,40S ribosomal protein S10-A,40S ribosomal protein S10-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
12	C0	96	Total	C	N	O	S	0	0	0
			773	500	126	145	2			
12	c0	96	Total	C	N	O	S	0	0	0
			762	491	125	144	2			

- Molecule 13 is a protein called 40S ribosomal protein S11-A,40S ribosomal protein S11-A,40S ribosomal protein S11-A,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
			1214	775	230	206	3			
13	c1	146	Total	C	N	O	S	0	0	0
			1169	748	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
			890	560	156	172	2			
14	c2	124	Total	C	N	O	S	0	0	0
			890	560	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			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
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
			926	577	177	170	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			
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-B.

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
			442	274	92	72	4			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
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 Ubiquitin-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
			2437	1541	418	470	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,Suppressor protein STM1,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			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
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
			1914	1191	388	334	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
			3067	1942	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
			2748	1729	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
			1804	1151	323	327	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			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
46	19	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
			1705	1083	322	294	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			
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
			1420	882	281	257				
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	S	0	0	0
			796	516	131	149				
58	n2	98	Total	C	N	O	S	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
			699	443	137	118	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
			964	620	169	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	S	0	0	0
			993	625	192	176				

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Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
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
			876	556	167	152	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			
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
			880	545	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	S	0	0	0
			612	391	115	106				
74	o8	77	Total	C	N	O	S	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			

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

- Molecule 80 is a protein called 60S ribosomal protein L12-A (uL11).

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

- Molecule 81 is a protein called 60S acidic ribosomal protein P0.

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

- Molecule 82 is a protein called 60S ribosomal protein P1 alpha.

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

- Molecule 83 is a protein called 60S ribosomal protein P2 beta.

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

- Molecule 84 is MAGNESIUM ION (CCD ID: MG) (formula: Mg).

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
84	2	82	Total	Mg	0	0
			82	82		

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
84	S4	1	Total 1	Mg 1	0	0
84	D9	1	Total 1	Mg 1	0	0
84	SM	1	Total 1	Mg 1	0	0
84	1	330	Total 330	Mg 330	0	0
84	3	10	Total 10	Mg 10	0	0
84	4	14	Total 14	Mg 14	0	0
84	L2	2	Total 2	Mg 2	0	0
84	L3	1	Total 1	Mg 1	0	0
84	L6	1	Total 1	Mg 1	0	0
84	L7	1	Total 1	Mg 1	0	0
84	M0	1	Total 1	Mg 1	0	0
84	M3	1	Total 1	Mg 1	0	0
84	M5	1	Total 1	Mg 1	0	0
84	M6	1	Total 1	Mg 1	0	0
84	M7	4	Total 4	Mg 4	0	0
84	N3	1	Total 1	Mg 1	0	0
84	N8	2	Total 2	Mg 2	0	0
84	O2	1	Total 1	Mg 1	0	0
84	O3	1	Total 1	Mg 1	0	0
84	O4	2	Total 2	Mg 2	0	0
84	O7	2	Total 2	Mg 2	0	0

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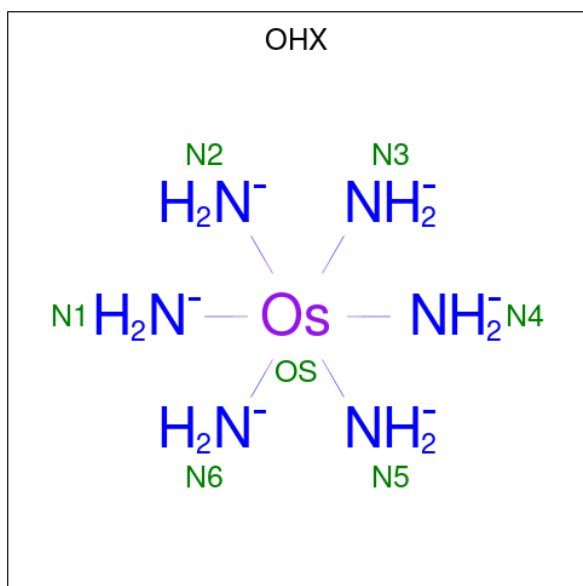
Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
84	Q2	1	Total 1	Mg 1	0	0
84	6	110	Total 110	Mg 110	0	0
84	s8	1	Total 1	Mg 1	0	0
84	c1	1	Total 1	Mg 1	0	0
84	d6	1	Total 1	Mg 1	0	0
84	sM	2	Total 2	Mg 2	0	0
84	5	349	Total 349	Mg 349	0	0
84	7	10	Total 10	Mg 10	0	0
84	8	10	Total 10	Mg 10	0	0
84	l2	3	Total 3	Mg 3	0	0
84	l3	5	Total 5	Mg 5	0	0
84	l6	1	Total 1	Mg 1	0	0
84	l7	1	Total 1	Mg 1	0	0
84	l8	1	Total 1	Mg 1	0	0
84	l9	1	Total 1	Mg 1	0	0
84	m1	1	Total 1	Mg 1	0	0
84	m5	3	Total 3	Mg 3	0	0
84	m6	1	Total 1	Mg 1	0	0
84	m7	3	Total 3	Mg 3	0	0
84	n0	2	Total 2	Mg 2	0	0
84	n3	1	Total 1	Mg 1	0	0

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
84	n6	2	Total 2	Mg 2	0	0
84	n8	2	Total 2	Mg 2	0	0
84	n9	1	Total 1	Mg 1	0	0
84	o1	1	Total 1	Mg 1	0	0
84	o3	1	Total 1	Mg 1	0	0
84	o4	1	Total 1	Mg 1	0	0
84	q0	1	Total 1	Mg 1	0	0
84	q1	1	Total 1	Mg 1	0	0

- Molecule 85 is osmium (III) hexammine (CCD ID: OHX) (formula: $\text{H}_{12}\text{N}_6\text{Os}$).



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

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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		

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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		

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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		

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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		

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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		

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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		

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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
85	2	1	Total 7	N 6	Os 1	0	0
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85	S8	1	Total 7	N 6	Os 1	0	0
85	C3	1	Total 7	N 6	Os 1	0	0
85	C5	1	Total 7	N 6	Os 1	0	0
85	C8	1	Total 7	N 6	Os 1	0	0
85	D9	1	Total 7	N 6	Os 1	0	0
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85	1	1	Total 7	N 6	Os 1	0	0
85	1	1	Total 7	N 6	Os 1	0	0
85	1	1	Total 7	N 6	Os 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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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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85	3	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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85	L3	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
85	L4	1	Total 7	N 6	Os 1	0	0
85	M0	1	Total 7	N 6	Os 1	0	0
85	M5	1	Total 7	N 6	Os 1	0	0
85	M6	1	Total 7	N 6	Os 1	0	0
85	M7	1	Total 7	N 6	Os 1	0	0
85	M9	1	Total 7	N 6	Os 1	0	0
85	N1	1	Total 7	N 6	Os 1	0	0
85	N8	1	Total 7	N 6	Os 1	0	0
85	N9	1	Total 7	N 6	Os 1	0	0
85	O3	1	Total 7	N 6	Os 1	0	0
85	O7	1	Total 7	N 6	Os 1	0	0
85	O7	1	Total 7	N 6	Os 1	0	0
85	O9	1	Total 7	N 6	Os 1	0	0
85	Q2	1	Total 7	N 6	Os 1	0	0
85	6	1	Total 7	N 6	Os 1	0	0
85	6	1	Total 7	N 6	Os 1	0	0
85	6	1	Total 7	N 6	Os 1	0	0
85	6	1	Total 7	N 6	Os 1	0	0
85	6	1	Total 7	N 6	Os 1	0	0
85	6	1	Total 7	N 6	Os 1	0	0
85	6	1	Total 7	N 6	Os 1	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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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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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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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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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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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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85	s4	1	Total	N	Os	0	0
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			7	6	1		
85	s9	1	Total	N	Os	0	0
			7	6	1		
85	c3	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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85	c8	1	Total	N	Os	0	0
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85	d4	1	Total	N	Os	0	0
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85	sR	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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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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85	5	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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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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			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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85	5	1	Total	N	Os	0	0
			7	6	1		
85	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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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		

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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		

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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		

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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		

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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		

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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		

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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		

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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		

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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	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		

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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	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	l3	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	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	m1	1	Total	N	Os	0	0
			7	6	1		
85	m5	1	Total	N	Os	0	0
			7	6	1		
85	m5	1	Total	N	Os	0	0
			7	6	1		
85	m7	1	Total	N	Os	0	0
			7	6	1		
85	n3	1	Total	N	Os	0	0
			7	6	1		
85	n3	1	Total	N	Os	0	0
			7	6	1		
85	n9	1	Total	N	Os	0	0
			7	6	1		
85	o3	1	Total	N	Os	0	0
			7	6	1		
85	o7	1	Total	N	Os	0	0
			7	6	1		

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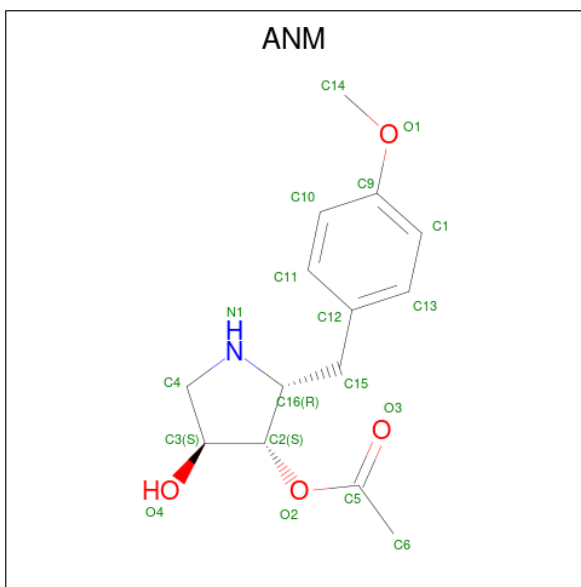
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
85	o9	1	Total	N	Os	0	0
			7	6	1		
85	q2	1	Total	N	Os	0	0
			7	6	1		

- Molecule 86 is ZINC ION (CCD ID: ZN) (formula: Zn).

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

- Molecule 87 is ANISOMYCIN (CCD ID: ANM) (formula: C₁₄H₁₉NO₄).



Mol	Chain	Residues	Atoms				ZeroOcc	AltConf
87	1	1	Total	C	N	O	0	0
			19	14	1	4		

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

3 Data and refinement statistics

Property	Value	Source
Space group	P 1 21 1	Depositor
Cell constants a, b, c, α , β , γ	436.11Å 287.31Å 303.99Å 90.00° 98.86° 90.00°	Depositor
Resolution (Å)	49.96 – 3.10 49.96 – 3.10	Depositor EDS
% Data completeness (in resolution range)	99.9 (49.96-3.10) 89.6 (49.96-3.10)	Depositor EDS
R_{merge}	0.39	Depositor
R_{sym}	(Not available)	Depositor
$\langle I/\sigma(I) \rangle$ ¹	0.84 (at 3.12Å)	Xtriage
Refinement program	PHENIX	Depositor
R, R_{free}	0.234 , 0.291 0.244 , 0.288	Depositor DCC
R_{free} test set	26664 reflections (2.00%)	wwPDB-VP
Wilson B-factor (Å ²)	63.6	Xtriage
Anisotropy	0.067	Xtriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.29 , 49.4	EDS
L-test for twinning ²	$\langle L \rangle = 0.47$, $\langle L^2 \rangle = 0.30$	Xtriage
Estimated twinning fraction	No twinning to report.	Xtriage
F_o, F_c correlation	0.89	EDS
Total number of atoms	410912	wwPDB-VP
Average B, all atoms (Å ²)	70.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 1.43% of the height of the origin peak. No significant pseudotranslation is detected.*

¹Intensities estimated from amplitudes.

²Theoretical values of $\langle |L| \rangle$, $\langle L^2 \rangle$ for acentric reflections are 0.5, 0.333 respectively for untwinned datasets, and 0.375, 0.2 for perfectly twinned datasets.

4 Model quality [i](#)

4.1 Standard geometry [i](#)

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

4.2 Too-close contacts [i](#)

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

4.3 Torsion angles [i](#)

4.3.1 Protein backbone [i](#)

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

4.3.2 Protein sidechains [i](#)

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

4.3.3 RNA [i](#)

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

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

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

4.5 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

4.6 Ligand geometry [i](#)

Of 2030 ligands modelled in this entry, 995 are monoatomic - leaving 1035 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	5	3779	-	0,6,6	-	-	-		
85	OHX	5	3831	-	0,6,6	-	-	-		
85	OHX	5	3833	-	0,6,6	-	-	-		
85	OHX	M6	202	-	0,6,6	-	-	-		
85	OHX	5	3827	-	0,6,6	-	-	-		
85	OHX	6	2138	-	0,6,6	-	-	-		
85	OHX	6	2014	-	0,6,6	-	-	-		
85	OHX	1	3822	-	0,6,6	-	-	-		
85	OHX	1	3883	-	0,6,6	-	-	-		
85	OHX	1	4004	-	0,6,6	-	-	-		
85	OHX	1	3762	-	0,6,6	-	-	-		
85	OHX	1	3824	-	0,6,6	-	-	-		
85	OHX	5	4028	-	0,6,6	-	-	-		
85	OHX	1	3733	-	0,6,6	-	-	-		
85	OHX	2	2093	-	0,6,6	-	-	-		
85	OHX	6	2155	-	0,6,6	-	-	-		
85	OHX	5	3843	-	0,6,6	-	-	-		
85	OHX	1	4035	-	0,6,6	-	-	-		
85	OHX	1	4038	-	0,6,6	-	-	-		
85	OHX	6	2068	-	0,6,6	-	-	-		
85	OHX	6	2038	-	0,6,6	-	-	-		
85	OHX	5	3879	-	0,6,6	-	-	-		
85	OHX	1	3850	-	0,6,6	-	-	-		
85	OHX	5	3908	-	0,6,6	-	-	-		
85	OHX	5	3830	-	0,6,6	-	-	-		
85	OHX	1	3815	-	0,6,6	-	-	-		
85	OHX	1	3999	84	0,6,6	-	-	-		
85	OHX	q2	502	-	0,6,6	-	-	-		
85	OHX	2	2067	-	0,6,6	-	-	-		
85	OHX	4	215	-	0,6,6	-	-	-		
85	OHX	5	3755	-	0,6,6	-	-	-		
85	OHX	5	3771	-	0,6,6	-	-	-		
85	OHX	6	2055	-	0,6,6	-	-	-		
85	OHX	5	3992	-	0,6,6	-	-	-		
85	OHX	5	4025	-	0,6,6	-	-	-		
85	OHX	6	2061	-	0,6,6	-	-	-		
85	OHX	2	1999	-	0,6,6	-	-	-		
85	OHX	8	220	-	0,6,6	-	-	-		
85	OHX	2	2108	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
85	OHX	5	3842	-	0,6,6	-	-	-		
85	OHX	5	3855	-	0,6,6	-	-	-		
85	OHX	1	3835	-	0,6,6	-	-	-		
85	OHX	6	2127	-	0,6,6	-	-	-		
85	OHX	5	4003	-	0,6,6	-	-	-		
85	OHX	5	4061	-	0,6,6	-	-	-		
85	OHX	1	3910	-	0,6,6	-	-	-		
85	OHX	7	213	-	0,6,6	-	-	-		
85	OHX	2	1984	-	0,6,6	-	-	-		
85	OHX	1	3790	-	0,6,6	-	-	-		
85	OHX	1	3882	-	0,6,6	-	-	-		
85	OHX	1	3912	-	0,6,6	-	-	-		
85	OHX	m5	304	-	0,6,6	-	-	-		
85	OHX	1	3915	-	0,6,6	-	-	-		
85	OHX	5	4021	-	0,6,6	-	-	-		
85	OHX	5	3914	-	0,6,6	-	-	-		
85	OHX	1	3792	-	0,6,6	-	-	-		
85	OHX	5	3957	-	0,6,6	-	-	-		
85	OHX	2	2117	-	0,6,6	-	-	-		
85	OHX	1	3955	-	0,6,6	-	-	-		
85	OHX	5	3824	-	0,6,6	-	-	-		
85	OHX	6	2072	-	0,6,6	-	-	-		
85	OHX	1	3960	-	0,6,6	-	-	-		
85	OHX	5	3863	-	0,6,6	-	-	-		
85	OHX	5	3743	-	0,6,6	-	-	-		
85	OHX	1	3813	-	0,6,6	-	-	-		
85	OHX	5	3941	-	0,6,6	-	-	-		
85	OHX	5	3761	-	0,6,6	-	-	-		
85	OHX	1	3734	-	0,6,6	-	-	-		
85	OHX	c8	201	-	0,6,6	-	-	-		
85	OHX	5	4038	-	0,6,6	-	-	-		
85	OHX	6	2129	-	0,6,6	-	-	-		
85	OHX	1	3786	-	0,6,6	-	-	-		
85	OHX	6	2060	-	0,6,6	-	-	-		
85	OHX	5	3800	-	0,6,6	-	-	-		
85	OHX	5	3876	-	0,6,6	-	-	-		
85	OHX	1	3830	-	0,6,6	-	-	-		
85	OHX	1	4002	-	0,6,6	-	-	-		
85	OHX	5	3749	-	0,6,6	-	-	-		
85	OHX	8	221	-	0,6,6	-	-	-		
85	OHX	l5	301	-	0,6,6	-	-	-		
85	OHX	2	2016	-	0,6,6	-	-	-		
85	OHX	1	3942	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
85	OHX	5	3777	-	0,6,6	-	-	-		
85	OHX	4	229	-	0,6,6	-	-	-		
85	OHX	5	3849	-	0,6,6	-	-	-		
85	OHX	1	3938	-	0,6,6	-	-	-		
85	OHX	5	4052	-	0,6,6	-	-	-		
85	OHX	1	3836	-	0,6,6	-	-	-		
85	OHX	L3	402	-	0,6,6	-	-	-		
85	OHX	4	222	-	0,6,6	-	-	-		
85	OHX	6	2118	-	0,6,6	-	-	-		
85	OHX	5	3974	-	0,6,6	-	-	-		
85	OHX	5	3883	-	0,6,6	-	-	-		
85	OHX	2	2082	-	0,6,6	-	-	-		
85	OHX	6	2149	-	0,6,6	-	-	-		
85	OHX	5	3790	-	0,6,6	-	-	-		
85	OHX	5	4006	-	0,6,6	-	-	-		
85	OHX	1	3935	-	0,6,6	-	-	-		
85	OHX	6	2100	-	0,6,6	-	-	-		
85	OHX	1	3946	-	0,6,6	-	-	-		
85	OHX	1	3962	-	0,6,6	-	-	-		
85	OHX	6	2048	-	0,6,6	-	-	-		
85	OHX	6	2088	-	0,6,6	-	-	-		
85	OHX	1	3728	-	0,6,6	-	-	-		
85	OHX	5	3958	-	0,6,6	-	-	-		
85	OHX	2	1988	-	0,6,6	-	-	-		
85	OHX	O7	104	84	0,6,6	-	-	-		
85	OHX	6	2092	-	0,6,6	-	-	-		
85	OHX	5	4041	-	0,6,6	-	-	-		
85	OHX	1	3753	-	0,6,6	-	-	-		
85	OHX	1	3797	-	0,6,6	-	-	-		
85	OHX	6	2013	-	0,6,6	-	-	-		
85	OHX	1	3903	-	0,6,6	-	-	-		
85	OHX	6	2084	-	0,6,6	-	-	-		
85	OHX	2	2030	-	0,6,6	-	-	-		
85	OHX	5	3890	-	0,6,6	-	-	-		
85	OHX	5	3889	-	0,6,6	-	-	-		
85	OHX	5	3814	-	0,6,6	-	-	-		
85	OHX	2	2074	-	0,6,6	-	-	-		
85	OHX	1	4005	-	0,6,6	-	-	-		
85	OHX	1	3770	-	0,6,6	-	-	-		
85	OHX	5	4002	-	0,6,6	-	-	-		
85	OHX	2	2103	-	0,6,6	-	-	-		
85	OHX	1	4020	-	0,6,6	-	-	-		
85	OHX	6	2108	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
85	OHX	s4	301	-	0,6,6	-	-	-		
85	OHX	5	3763	-	0,6,6	-	-	-		
85	OHX	5	3874	-	0,6,6	-	-	-		
85	OHX	5	3942	84	0,6,6	-	-	-		
85	OHX	5	3954	-	0,6,6	-	-	-		
85	OHX	1	4023	-	0,6,6	-	-	-		
85	OHX	2	2047	-	0,6,6	-	-	-		
85	OHX	1	3997	-	0,6,6	-	-	-		
85	OHX	1	3937	-	0,6,6	-	-	-		
85	OHX	1	3756	-	0,6,6	-	-	-		
85	OHX	2	2012	-	0,6,6	-	-	-		
85	OHX	1	3730	-	0,6,6	-	-	-		
85	OHX	6	2095	-	0,6,6	-	-	-		
85	OHX	5	3955	-	0,6,6	-	-	-		
85	OHX	5	4013	-	0,6,6	-	-	-		
85	OHX	7	219	-	0,6,6	-	-	-		
85	OHX	m0	301	-	0,6,6	-	-	-		
85	OHX	1	3810	-	0,6,6	-	-	-		
85	OHX	1	3968	-	0,6,6	-	-	-		
85	OHX	5	3960	-	0,6,6	-	-	-		
85	OHX	5	3962	-	0,6,6	-	-	-		
85	OHX	2	2037	-	0,6,6	-	-	-		
85	OHX	1	3796	-	0,6,6	-	-	-		
85	OHX	1	3811	-	0,6,6	-	-	-		
85	OHX	1	3866	-	0,6,6	-	-	-		
85	OHX	1	3987	-	0,6,6	-	-	-		
85	OHX	l5	302	-	0,6,6	-	-	-		
85	OHX	6	2143	-	0,6,6	-	-	-		
85	OHX	m1	202	-	0,6,6	-	-	-		
85	OHX	l3	407	-	0,6,6	-	-	-		
85	OHX	1	3877	-	0,6,6	-	-	-		
85	OHX	6	2037	-	0,6,6	-	-	-		
85	OHX	6	2045	-	0,6,6	-	-	-		
85	OHX	5	3936	-	0,6,6	-	-	-		
85	OHX	1	3738	-	0,6,6	-	-	-		
85	OHX	1	4036	-	0,6,6	-	-	-		
85	OHX	5	3944	-	0,6,6	-	-	-		
85	OHX	1	3995	-	0,6,6	-	-	-		
85	OHX	6	2133	-	0,6,6	-	-	-		
85	OHX	5	3932	-	0,6,6	-	-	-		
85	OHX	1	4008	-	0,6,6	-	-	-		
85	OHX	5	3995	-	0,6,6	-	-	-		
85	OHX	1	4003	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
85	OHX	2	2026	-	0,6,6	-	-	-		
85	OHX	1	3820	-	0,6,6	-	-	-		
85	OHX	3	218	-	0,6,6	-	-	-		
85	OHX	2	2022	-	0,6,6	-	-	-		
85	OHX	6	2009	-	0,6,6	-	-	-		
85	OHX	6	2073	-	0,6,6	-	-	-		
85	OHX	7	221	-	0,6,6	-	-	-		
85	OHX	5	3994	-	0,6,6	-	-	-		
85	OHX	8	217	-	0,6,6	-	-	-		
85	OHX	3	214	-	0,6,6	-	-	-		
85	OHX	2	2031	-	0,6,6	-	-	-		
85	OHX	5	3986	-	0,6,6	-	-	-		
85	OHX	2	2073	-	0,6,6	-	-	-		
85	OHX	1	3747	-	0,6,6	-	-	-		
85	OHX	O3	202	-	0,6,6	-	-	-		
85	OHX	5	3875	-	0,6,6	-	-	-		
85	OHX	7	216	-	0,6,6	-	-	-		
85	OHX	8	213	-	0,6,6	-	-	-		
85	OHX	2	2085	-	0,6,6	-	-	-		
85	OHX	5	4064	-	0,6,6	-	-	-		
85	OHX	2	2069	-	0,6,6	-	-	-		
85	OHX	5	3934	-	0,6,6	-	-	-		
85	OHX	5	4049	-	0,6,6	-	-	-		
85	OHX	O7	105	-	0,6,6	-	-	-		
85	OHX	1	3768	-	0,6,6	-	-	-		
85	OHX	2	2072	-	0,6,6	-	-	-		
85	OHX	5	3802	-	0,6,6	-	-	-		
85	OHX	6	2049	-	0,6,6	-	-	-		
85	OHX	1	3745	-	0,6,6	-	-	-		
85	OHX	c5	201	-	0,6,6	-	-	-		
85	OHX	5	4037	-	0,6,6	-	-	-		
85	OHX	C5	201	-	0,6,6	-	-	-		
85	OHX	2	2110	-	0,6,6	-	-	-		
85	OHX	6	2113	-	0,6,6	-	-	-		
85	OHX	2	1993	-	0,6,6	-	-	-		
85	OHX	6	2044	-	0,6,6	-	-	-		
85	OHX	5	3796	-	0,6,6	-	-	-		
85	OHX	5	3972	-	0,6,6	-	-	-		
85	OHX	1	3793	-	0,6,6	-	-	-		
85	OHX	6	2011	-	0,6,6	-	-	-		
85	OHX	5	3770	-	0,6,6	-	-	-		
85	OHX	5	3866	-	0,6,6	-	-	-		
85	OHX	5	4016	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
85	OHX	5	3869	-	0,6,6	-	-	-		
85	OHX	2	2032	-	0,6,6	-	-	-		
85	OHX	5	4023	-	0,6,6	-	-	-		
85	OHX	5	3976	-	0,6,6	-	-	-		
85	OHX	5	3894	-	0,6,6	-	-	-		
85	OHX	1	3731	-	0,6,6	-	-	-		
85	OHX	1	3948	-	0,6,6	-	-	-		
85	OHX	M5	302	-	0,6,6	-	-	-		
85	OHX	6	2075	-	0,6,6	-	-	-		
85	OHX	1	3892	-	0,6,6	-	-	-		
85	OHX	6	2122	-	0,6,6	-	-	-		
85	OHX	1	3965	-	0,6,6	-	-	-		
85	OHX	5	3782	-	0,6,6	-	-	-		
85	OHX	5	4042	-	0,6,6	-	-	-		
85	OHX	5	3742	-	0,6,6	-	-	-		
85	OHX	6	2097	-	0,6,6	-	-	-		
85	OHX	5	3931	-	0,6,6	-	-	-		
85	OHX	5	4034	-	0,6,6	-	-	-		
85	OHX	n3	202	-	0,6,6	-	-	-		
85	OHX	1	3825	-	0,6,6	-	-	-		
85	OHX	1	4019	-	0,6,6	-	-	-		
85	OHX	1	3808	-	0,6,6	-	-	-		
85	OHX	2	2028	-	0,6,6	-	-	-		
85	OHX	1	3854	-	0,6,6	-	-	-		
85	OHX	1	3981	-	0,6,6	-	-	-		
85	OHX	5	3895	-	0,6,6	-	-	-		
85	OHX	5	4015	-	0,6,6	-	-	-		
85	OHX	1	3809	-	0,6,6	-	-	-		
85	OHX	6	2042	-	0,6,6	-	-	-		
85	OHX	1	3787	-	0,6,6	-	-	-		
85	OHX	5	3745	-	0,6,6	-	-	-		
85	OHX	5	3864	-	0,6,6	-	-	-		
85	OHX	5	3940	84	0,6,6	-	-	-		
85	OHX	1	3992	-	0,6,6	-	-	-		
85	OHX	8	225	-	0,6,6	-	-	-		
85	OHX	3	219	-	0,6,6	-	-	-		
85	OHX	5	3919	-	0,6,6	-	-	-		
85	OHX	1	3959	-	0,6,6	-	-	-		
85	OHX	1	3769	-	0,6,6	-	-	-		
85	OHX	2	2029	-	0,6,6	-	-	-		
85	OHX	6	2101	-	0,6,6	-	-	-		
85	OHX	5	3915	-	0,6,6	-	-	-		
85	OHX	6	2029	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
85	OHX	n9	102	-	0,6,6	-	-	-		
85	OHX	1	4024	-	0,6,6	-	-	-		
85	OHX	1	3776	-	0,6,6	-	-	-		
85	OHX	6	2051	-	0,6,6	-	-	-		
85	OHX	5	3837	-	0,6,6	-	-	-		
85	OHX	1	3772	-	0,6,6	-	-	-		
85	OHX	1	3739	-	0,6,6	-	-	-		
85	OHX	5	3847	-	0,6,6	-	-	-		
85	OHX	4	225	-	0,6,6	-	-	-		
85	OHX	4	217	-	0,6,6	-	-	-		
85	OHX	5	3832	-	0,6,6	-	-	-		
85	OHX	1	3782	-	0,6,6	-	-	-		
85	OHX	1	3904	-	0,6,6	-	-	-		
85	OHX	2	2076	-	0,6,6	-	-	-		
85	OHX	5	3791	-	0,6,6	-	-	-		
85	OHX	5	3943	-	0,6,6	-	-	-		
85	OHX	6	2080	-	0,6,6	-	-	-		
85	OHX	6	2089	-	0,6,6	-	-	-		
85	OHX	6	2130	-	0,6,6	-	-	-		
85	OHX	1	3761	-	0,6,6	-	-	-		
85	OHX	5	3893	-	0,6,6	-	-	-		
85	OHX	s9	201	-	0,6,6	-	-	-		
85	OHX	1	3876	-	0,6,6	-	-	-		
85	OHX	5	3865	-	0,6,6	-	-	-		
85	OHX	3	215	-	0,6,6	-	-	-		
85	OHX	5	3829	-	0,6,6	-	-	-		
85	OHX	5	3787	-	0,6,6	-	-	-		
85	OHX	5	3851	-	0,6,6	-	-	-		
85	OHX	2	2015	-	0,6,6	-	-	-		
85	OHX	1	3774	-	0,6,6	-	-	-		
85	OHX	5	3897	-	0,6,6	-	-	-		
85	OHX	2	2078	-	0,6,6	-	-	-		
85	OHX	1	3949	-	0,6,6	-	-	-		
85	OHX	5	3926	-	0,6,6	-	-	-		
85	OHX	2	1987	-	0,6,6	-	-	-		
85	OHX	1	4026	-	0,6,6	-	-	-		
85	OHX	1	3858	-	0,6,6	-	-	-		
85	OHX	2	1985	-	0,6,6	-	-	-		
85	OHX	6	2017	-	0,6,6	-	-	-		
85	OHX	2	2098	-	0,6,6	-	-	-		
85	OHX	1	3805	-	0,6,6	-	-	-		
85	OHX	6	2115	-	0,6,6	-	-	-		
85	OHX	5	3805	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
85	OHX	1	3807	-	0,6,6	-	-	-		
85	OHX	5	3806	-	0,6,6	-	-	-		
85	OHX	1	3994	-	0,6,6	-	-	-		
85	OHX	4	219	-	0,6,6	-	-	-		
85	OHX	1	3908	-	0,6,6	-	-	-		
85	OHX	1	3954	-	0,6,6	-	-	-		
85	OHX	5	3820	-	0,6,6	-	-	-		
85	OHX	1	3735	-	0,6,6	-	-	-		
85	OHX	6	2082	-	0,6,6	-	-	-		
85	OHX	5	3825	-	0,6,6	-	-	-		
85	OHX	2	2109	-	0,6,6	-	-	-		
85	OHX	5	3896	-	0,6,6	-	-	-		
85	OHX	19	202	-	0,6,6	-	-	-		
85	OHX	6	2153	-	0,6,6	-	-	-		
85	OHX	1	3763	-	0,6,6	-	-	-		
85	OHX	2	2052	-	0,6,6	-	-	-		
85	OHX	1	3870	-	0,6,6	-	-	-		
85	OHX	2	1998	-	0,6,6	-	-	-		
85	OHX	6	2079	-	0,6,6	-	-	-		
85	OHX	8	222	-	0,6,6	-	-	-		
85	OHX	6	2132	-	0,6,6	-	-	-		
85	OHX	1	4017	-	0,6,6	-	-	-		
85	OHX	1	4027	-	0,6,6	-	-	-		
85	OHX	2	2064	-	0,6,6	-	-	-		
85	OHX	1	3752	-	0,6,6	-	-	-		
85	OHX	8	212	-	0,6,6	-	-	-		
85	OHX	5	4069	-	0,6,6	-	-	-		
85	OHX	1	3914	-	0,6,6	-	-	-		
85	OHX	6	2035	-	0,6,6	-	-	-		
85	OHX	1	3956	-	0,6,6	-	-	-		
85	OHX	2	2024	-	0,6,6	-	-	-		
85	OHX	6	2025	-	0,6,6	-	-	-		
85	OHX	6	2109	-	0,6,6	-	-	-		
85	OHX	5	3812	-	0,6,6	-	-	-		
85	OHX	5	3856	-	0,6,6	-	-	-		
85	OHX	M9	201	-	0,6,6	-	-	-		
85	OHX	6	2107	-	0,6,6	-	-	-		
85	OHX	6	2052	-	0,6,6	-	-	-		
85	OHX	1	3990	-	0,6,6	-	-	-		
85	OHX	5	3756	-	0,6,6	-	-	-		
85	OHX	5	3952	-	0,6,6	-	-	-		
85	OHX	5	4054	-	0,6,6	-	-	-		
85	OHX	6	2020	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
85	OHX	2	1991	-	0,6,6	-	-	-		
85	OHX	3	217	-	0,6,6	-	-	-		
85	OHX	2	2088	-	0,6,6	-	-	-		
85	OHX	6	2012	-	0,6,6	-	-	-		
85	OHX	6	2047	-	0,6,6	-	-	-		
85	OHX	6	2126	-	0,6,6	-	-	-		
85	OHX	5	4050	-	0,6,6	-	-	-		
85	OHX	5	3813	-	0,6,6	-	-	-		
85	OHX	1	3838	-	0,6,6	-	-	-		
85	OHX	6	2070	-	0,6,6	-	-	-		
85	OHX	5	3907	-	0,6,6	-	-	-		
85	OHX	2	2084	-	0,6,6	-	-	-		
85	OHX	5	3798	-	0,6,6	-	-	-		
85	OHX	2	1996	-	0,6,6	-	-	-		
85	OHX	5	3783	-	0,6,6	-	-	-		
85	OHX	6	2135	-	0,6,6	-	-	-		
85	OHX	5	3980	-	0,6,6	-	-	-		
85	OHX	1	3926	-	0,6,6	-	-	-		
85	OHX	2	2018	-	0,6,6	-	-	-		
85	OHX	2	2045	-	0,6,6	-	-	-		
85	OHX	1	4015	-	0,6,6	-	-	-		
85	OHX	6	2071	-	0,6,6	-	-	-		
85	OHX	5	3949	-	0,6,6	-	-	-		
85	OHX	1	4032	-	0,6,6	-	-	-		
85	OHX	6	2154	-	0,6,6	-	-	-		
85	OHX	5	4017	-	0,6,6	-	-	-		
85	OHX	5	3799	-	0,6,6	-	-	-		
85	OHX	1	3817	-	0,6,6	-	-	-		
85	OHX	1	3936	-	0,6,6	-	-	-		
85	OHX	1	3996	-	0,6,6	-	-	-		
85	OHX	2	2119	-	0,6,6	-	-	-		
85	OHX	2	2034	-	0,6,6	-	-	-		
85	OHX	2	2039	-	0,6,6	-	-	-		
85	OHX	5	3775	-	0,6,6	-	-	-		
85	OHX	5	3826	-	0,6,6	-	-	-		
85	OHX	5	3966	-	0,6,6	-	-	-		
85	OHX	5	3848	-	0,6,6	-	-	-		
85	OHX	1	3750	-	0,6,6	-	-	-		
85	OHX	6	2010	-	0,6,6	-	-	-		
85	OHX	1	3951	-	0,6,6	-	-	-		
85	OHX	1	3884	-	0,6,6	-	-	-		
85	OHX	2	2086	-	0,6,6	-	-	-		
85	OHX	2	2036	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
85	OHX	5	3950	-	0,6,6	-	-	-		
85	OHX	5	3990	-	0,6,6	-	-	-		
85	OHX	1	3732	-	0,6,6	-	-	-		
85	OHX	2	2081	-	0,6,6	-	-	-		
85	OHX	2	2041	-	0,6,6	-	-	-		
85	OHX	1	3924	-	0,6,6	-	-	-		
85	OHX	5	4024	-	0,6,6	-	-	-		
85	OHX	2	2005	-	0,6,6	-	-	-		
85	OHX	2	1990	-	0,6,6	-	-	-		
85	OHX	2	2033	-	0,6,6	-	-	-		
85	OHX	2	2063	-	0,6,6	-	-	-		
85	OHX	6	2096	-	0,6,6	-	-	-		
85	OHX	6	2083	-	0,6,6	-	-	-		
85	OHX	5	3838	-	0,6,6	-	-	-		
85	OHX	6	2112	-	0,6,6	-	-	-		
85	OHX	6	2119	-	0,6,6	-	-	-		
85	OHX	1	3973	-	0,6,6	-	-	-		
85	OHX	6	2039	-	0,6,6	-	-	-		
85	OHX	7	215	-	0,6,6	-	-	-		
85	OHX	1	4029	-	0,6,6	-	-	-		
85	OHX	6	2028	-	0,6,6	-	-	-		
85	OHX	1	3963	-	0,6,6	-	-	-		
85	OHX	5	4043	-	0,6,6	-	-	-		
85	OHX	5	3822	-	0,6,6	-	-	-		
85	OHX	5	3910	-	0,6,6	-	-	-		
85	OHX	1	3873	-	0,6,6	-	-	-		
85	OHX	1	3933	-	0,6,6	-	-	-		
85	OHX	6	2144	-	0,6,6	-	-	-		
85	OHX	6	2090	-	0,6,6	-	-	-		
85	OHX	2	2115	-	0,6,6	-	-	-		
85	OHX	2	2068	-	0,6,6	-	-	-		
85	OHX	1	3891	-	0,6,6	-	-	-		
85	OHX	1	4030	-	0,6,6	-	-	-		
85	OHX	5	3868	-	0,6,6	-	-	-		
85	OHX	5	3917	-	0,6,6	-	-	-		
85	OHX	1	3982	-	0,6,6	-	-	-		
85	OHX	c3	201	-	0,6,6	-	-	-		
85	OHX	2	2056	-	0,6,6	-	-	-		
85	OHX	5	3780	-	0,6,6	-	-	-		
85	OHX	1	3991	-	0,6,6	-	-	-		
85	OHX	1	4034	-	0,6,6	-	-	-		
85	OHX	6	2145	-	0,6,6	-	-	-		
85	OHX	5	3899	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
85	OHX	5	3961	-	0,6,6	-	-	-		
85	OHX	4	228	-	0,6,6	-	-	-		
85	OHX	2	2062	-	0,6,6	-	-	-		
85	OHX	6	2111	-	0,6,6	-	-	-		
85	OHX	5	4004	-	0,6,6	-	-	-		
85	OHX	5	3803	-	0,6,6	-	-	-		
85	OHX	5	3923	-	0,6,6	-	-	-		
85	OHX	1	3922	-	0,6,6	-	-	-		
85	OHX	1	3978	-	0,6,6	-	-	-		
85	OHX	5	3981	-	0,6,6	-	-	-		
85	OHX	8	216	-	0,6,6	-	-	-		
85	OHX	2	2053	-	0,6,6	-	-	-		
85	OHX	1	4000	-	0,6,6	-	-	-		
85	OHX	1	3944	-	0,6,6	-	-	-		
85	OHX	1	4014	-	0,6,6	-	-	-		
85	OHX	1	3857	-	0,6,6	-	-	-		
85	OHX	5	3882	-	0,6,6	-	-	-		
85	OHX	5	3920	-	0,6,6	-	-	-		
85	OHX	2	2023	-	0,6,6	-	-	-		
85	OHX	2	2059	-	0,6,6	-	-	-		
85	OHX	2	2101	-	0,6,6	-	-	-		
85	OHX	5	3913	-	0,6,6	-	-	-		
85	OHX	1	3975	-	0,6,6	-	-	-		
85	OHX	5	3758	-	0,6,6	-	-	-		
85	OHX	S6	301	-	0,6,6	-	-	-		
85	OHX	6	2105	-	0,6,6	-	-	-		
85	OHX	2	2057	-	0,6,6	-	-	-		
85	OHX	5	3815	-	0,6,6	-	-	-		
85	OHX	2	2014	-	0,6,6	-	-	-		
85	OHX	5	3921	-	0,6,6	-	-	-		
85	OHX	1	3802	-	0,6,6	-	-	-		
85	OHX	5	3888	-	0,6,6	-	-	-		
85	OHX	5	3939	-	0,6,6	-	-	-		
85	OHX	5	3993	-	0,6,6	-	-	-		
85	OHX	1	3979	-	0,6,6	-	-	-		
85	OHX	1	4037	-	0,6,6	-	-	-		
85	OHX	6	2156	-	0,6,6	-	-	-		
85	OHX	4	226	-	0,6,6	-	-	-		
85	OHX	5	3912	-	0,6,6	-	-	-		
85	OHX	5	3924	-	0,6,6	-	-	-		
85	OHX	1	3972	-	0,6,6	-	-	-		
85	OHX	5	3786	-	0,6,6	-	-	-		
85	OHX	5	3930	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
85	OHX	o3	202	-	0,6,6	-	-	-		
85	OHX	5	3880	-	0,6,6	-	-	-		
85	OHX	5	4062	-	0,6,6	-	-	-		
85	OHX	1	3917	-	0,6,6	-	-	-		
85	OHX	1	3964	-	0,6,6	-	-	-		
85	OHX	1	3888	-	0,6,6	-	-	-		
85	OHX	1	3907	-	0,6,6	-	-	-		
85	OHX	5	3902	-	0,6,6	-	-	-		
85	OHX	2	2038	-	0,6,6	-	-	-		
85	OHX	2	2042	-	0,6,6	-	-	-		
85	OHX	1	3791	-	0,6,6	-	-	-		
85	OHX	5	3903	-	0,6,6	-	-	-		
85	OHX	5	3792	-	0,6,6	-	-	-		
85	OHX	2	2046	-	0,6,6	-	-	-		
85	OHX	5	3938	-	0,6,6	-	-	-		
85	OHX	2	2091	-	0,6,6	-	-	-		
85	OHX	1	3977	-	0,6,6	-	-	-		
85	OHX	6	2128	-	0,6,6	-	-	-		
85	OHX	8	215	-	0,6,6	-	-	-		
85	OHX	1	3989	-	0,6,6	-	-	-		
85	OHX	6	2024	-	0,6,6	-	-	-		
85	OHX	2	1986	-	0,6,6	-	-	-		
85	OHX	1	3984	84	0,6,6	-	-	-		
85	OHX	4	224	-	0,6,6	-	-	-		
85	OHX	5	3948	-	0,6,6	-	-	-		
85	OHX	2	2007	-	0,6,6	-	-	-		
85	OHX	2	2009	-	0,6,6	-	-	-		
85	OHX	1	3851	-	0,6,6	-	-	-		
85	OHX	1	4011	-	0,6,6	-	-	-		
85	OHX	1	3736	-	0,6,6	-	-	-		
85	OHX	6	2066	-	0,6,6	-	-	-		
85	OHX	2	2104	-	0,6,6	-	-	-		
85	OHX	1	3742	-	0,6,6	-	-	-		
85	OHX	1	3988	-	0,6,6	-	-	-		
85	OHX	6	2121	-	0,6,6	-	-	-		
85	OHX	sR	401	-	0,6,6	-	-	-		
85	OHX	1	3945	-	0,6,6	-	-	-		
85	OHX	1	3971	-	0,6,6	-	-	-		
85	OHX	3	212	-	0,6,6	-	-	-		
85	OHX	5	3785	-	0,6,6	-	-	-		
85	OHX	5	3853	-	0,6,6	-	-	-		
85	OHX	1	3920	-	0,6,6	-	-	-		
85	OHX	5	3946	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
85	OHX	5	3860	-	0,6,6	-	-	-		
85	OHX	2	2092	-	0,6,6	-	-	-		
85	OHX	2	2008	-	0,6,6	-	-	-		
85	OHX	5	4063	-	0,6,6	-	-	-		
85	OHX	6	2147	-	0,6,6	-	-	-		
85	OHX	2	2013	-	0,6,6	-	-	-		
85	OHX	5	3751	-	0,6,6	-	-	-		
85	OHX	1	3895	-	0,6,6	-	-	-		
85	OHX	1	3985	-	0,6,6	-	-	-		
85	OHX	5	4057	-	0,6,6	-	-	-		
85	OHX	6	2093	-	0,6,6	-	-	-		
85	OHX	2	2106	-	0,6,6	-	-	-		
85	OHX	7	214	-	0,6,6	-	-	-		
85	OHX	5	3867	-	0,6,6	-	-	-		
85	OHX	1	3940	-	0,6,6	-	-	-		
85	OHX	2	2006	-	0,6,6	-	-	-		
85	OHX	1	3846	-	0,6,6	-	-	-		
85	OHX	1	4009	-	0,6,6	-	-	-		
85	OHX	6	2069	-	0,6,6	-	-	-		
85	OHX	5	4027	-	0,6,6	-	-	-		
85	OHX	2	2043	-	0,6,6	-	-	-		
85	OHX	1	3859	-	0,6,6	-	-	-		
85	OHX	1	3905	-	0,6,6	-	-	-		
85	OHX	5	3878	-	0,6,6	-	-	-		
85	OHX	1	3844	-	0,6,6	-	-	-		
85	OHX	1	3886	-	0,6,6	-	-	-		
85	OHX	1	3918	-	0,6,6	-	-	-		
85	OHX	6	2019	-	0,6,6	-	-	-		
85	OHX	5	3852	-	0,6,6	-	-	-		
85	OHX	2	2065	-	0,6,6	-	-	-		
85	OHX	1	3757	-	0,6,6	-	-	-		
85	OHX	1	3828	-	0,6,6	-	-	-		
85	OHX	5	3977	-	0,6,6	-	-	-		
85	OHX	5	3984	-	0,6,6	-	-	-		
85	OHX	2	2095	-	0,6,6	-	-	-		
85	OHX	5	3816	-	0,6,6	-	-	-		
85	OHX	1	3939	-	0,6,6	-	-	-		
85	OHX	5	3963	-	0,6,6	-	-	-		
85	OHX	5	4005	-	0,6,6	-	-	-		
85	OHX	5	3968	-	0,6,6	-	-	-		
85	OHX	5	3754	-	0,6,6	-	-	-		
85	OHX	5	4020	-	0,6,6	-	-	-		
85	OHX	6	2050	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
85	OHX	N8	203	-	0,6,6	-	-	-		
85	OHX	2	1994	-	0,6,6	-	-	-		
85	OHX	1	3896	-	0,6,6	-	-	-		
85	OHX	1	3925	-	0,6,6	-	-	-		
85	OHX	2	2050	-	0,6,6	-	-	-		
85	OHX	6	2123	-	0,6,6	-	-	-		
85	OHX	2	2058	-	0,6,6	-	-	-		
85	OHX	2	2118	-	0,6,6	-	-	-		
85	OHX	1	3865	-	0,6,6	-	-	-		
85	OHX	6	2117	-	0,6,6	-	-	-		
85	OHX	l3	406	-	0,6,6	-	-	-		
85	OHX	5	4011	-	0,6,6	-	-	-		
85	OHX	5	3810	-	0,6,6	-	-	-		
85	OHX	1	4033	-	0,6,6	-	-	-		
85	OHX	5	3989	-	0,6,6	-	-	-		
85	OHX	5	4007	36	0,6,6	-	-	-		
85	OHX	2	1995	-	0,6,6	-	-	-		
85	OHX	1	3834	-	0,6,6	-	-	-		
85	OHX	1	3867	-	0,6,6	-	-	-		
85	OHX	5	3846	-	0,6,6	-	-	-		
85	OHX	5	4009	-	0,6,6	-	-	-		
85	OHX	2	2094	-	0,6,6	-	-	-		
85	OHX	5	3937	-	0,6,6	-	-	-		
85	OHX	5	3978	-	0,6,6	-	-	-		
85	OHX	5	4032	-	0,6,6	-	-	-		
85	OHX	o9	101	-	0,6,6	-	-	-		
85	OHX	5	4044	-	0,6,6	-	-	-		
85	OHX	1	3967	-	0,6,6	-	-	-		
85	OHX	5	3844	-	0,6,6	-	-	-		
85	OHX	2	2112	-	0,6,6	-	-	-		
85	OHX	1	3806	-	0,6,6	-	-	-		
85	OHX	5	3757	-	0,6,6	-	-	-		
85	OHX	M7	205	-	0,6,6	-	-	-		
85	OHX	5	3916	-	0,6,6	-	-	-		
85	OHX	1	3781	-	0,6,6	-	-	-		
85	OHX	6	2067	-	0,6,6	-	-	-		
85	OHX	5	3841	-	0,6,6	-	-	-		
85	OHX	5	4019	-	0,6,6	-	-	-		
85	OHX	1	4010	-	0,6,6	-	-	-		
85	OHX	5	3768	-	0,6,6	-	-	-		
85	OHX	5	3861	-	0,6,6	-	-	-		
85	OHX	2	2044	-	0,6,6	-	-	-		
85	OHX	1	3863	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
85	OHX	1	3855	-	0,6,6	-	-	-		
87	ANM	1	3401	-	20,20,20	2.93	9 (45%)	22,27,27	2.80	10 (45%)
85	OHX	6	2116	-	0,6,6	-	-	-		
85	OHX	2	2004	-	0,6,6	-	-	-		
85	OHX	5	3925	-	0,6,6	-	-	-		
85	OHX	5	4018	-	0,6,6	-	-	-		
85	OHX	1	3840	-	0,6,6	-	-	-		
85	OHX	5	3953	-	0,6,6	-	-	-		
85	OHX	7	220	-	0,6,6	-	-	-		
85	OHX	8	219	-	0,6,6	-	-	-		
85	OHX	6	2152	-	0,6,6	-	-	-		
85	OHX	1	3832	-	0,6,6	-	-	-		
85	OHX	4	230	-	0,6,6	-	-	-		
85	OHX	3	213	-	0,6,6	-	-	-		
85	OHX	5	3886	-	0,6,6	-	-	-		
85	OHX	5	4033	-	0,6,6	-	-	-		
85	OHX	1	3833	-	0,6,6	-	-	-		
85	OHX	6	2148	-	0,6,6	-	-	-		
85	OHX	5	3951	-	0,6,6	-	-	-		
85	OHX	2	2107	-	0,6,6	-	-	-		
85	OHX	2	2111	-	0,6,6	-	-	-		
85	OHX	6	2086	-	0,6,6	-	-	-		
85	OHX	5	3748	-	0,6,6	-	-	-		
85	OHX	1	3812	-	0,6,6	-	-	-		
85	OHX	5	3881	-	0,6,6	-	-	-		
85	OHX	5	3965	-	0,6,6	-	-	-		
85	OHX	5	3788	-	0,6,6	-	-	-		
85	OHX	1	3767	-	0,6,6	-	-	-		
85	OHX	2	2003	-	0,6,6	-	-	-		
85	OHX	5	4036	-	0,6,6	-	-	-		
85	OHX	6	2063	-	0,6,6	-	-	-		
85	OHX	C8	201	-	0,6,6	-	-	-		
85	OHX	1	3800	-	0,6,6	-	-	-		
85	OHX	5	3795	-	0,6,6	-	-	-		
85	OHX	2	2100	-	0,6,6	-	-	-		
85	OHX	5	4012	-	0,6,6	-	-	-		
85	OHX	5	3781	-	0,6,6	-	-	-		
85	OHX	5	3945	-	0,6,6	-	-	-		
85	OHX	1	3744	-	0,6,6	-	-	-		
85	OHX	1	3765	-	0,6,6	-	-	-		
85	OHX	5	3828	-	0,6,6	-	-	-		
85	OHX	5	3746	-	0,6,6	-	-	-		
85	OHX	6	2078	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
85	OHX	1	3871	-	0,6,6	-	-	-		
85	OHX	1	3821	-	0,6,6	-	-	-		
85	OHX	1	3845	-	0,6,6	-	-	-		
85	OHX	L4	401	-	0,6,6	-	-	-		
85	OHX	6	2098	-	0,6,6	-	-	-		
85	OHX	1	3843	-	0,6,6	-	-	-		
85	OHX	6	2062	-	0,6,6	-	-	-		
85	OHX	5	4022	-	0,6,6	-	-	-		
85	OHX	5	3762	-	0,6,6	-	-	-		
85	OHX	1	3799	-	0,6,6	-	-	-		
85	OHX	6	2016	-	0,6,6	-	-	-		
85	OHX	1	3729	-	0,6,6	-	-	-		
85	OHX	s8	302	-	0,6,6	-	-	-		
85	OHX	1	3759	-	0,6,6	-	-	-		
85	OHX	5	3901	-	0,6,6	-	-	-		
85	OHX	5	3808	-	0,6,6	-	-	-		
85	OHX	6	2136	-	0,6,6	-	-	-		
85	OHX	n3	203	-	0,6,6	-	-	-		
85	OHX	1	3766	-	0,6,6	-	-	-		
85	OHX	1	3966	-	0,6,6	-	-	-		
85	OHX	5	3892	84	0,6,6	-	-	-		
85	OHX	1	3928	-	0,6,6	-	-	-		
85	OHX	2	1983	-	0,6,6	-	-	-		
85	OHX	2	2021	-	0,6,6	-	-	-		
85	OHX	m7	204	-	0,6,6	-	-	-		
85	OHX	2	2075	-	0,6,6	-	-	-		
85	OHX	2	2049	-	0,6,6	-	-	-		
85	OHX	6	2099	-	0,6,6	-	-	-		
85	OHX	6	2018	-	0,6,6	-	-	-		
85	OHX	1	3827	-	0,6,6	-	-	-		
85	OHX	6	2125	84	0,6,6	-	-	-		
85	OHX	1	3842	-	0,6,6	-	-	-		
85	OHX	m0	302	-	0,6,6	-	-	-		
85	OHX	l4	401	-	0,6,6	-	-	-		
85	OHX	2	2027	-	0,6,6	-	-	-		
85	OHX	6	2022	-	0,6,6	-	-	-		
85	OHX	6	2031	-	0,6,6	-	-	-		
85	OHX	2	2089	-	0,6,6	-	-	-		
85	OHX	2	2097	-	0,6,6	-	-	-		
85	OHX	1	3740	-	0,6,6	-	-	-		
85	OHX	1	3778	-	0,6,6	-	-	-		
85	OHX	1	3849	-	0,6,6	-	-	-		
85	OHX	5	3744	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
85	OHX	1	3784	-	0,6,6	-	-	-		
85	OHX	1	3780	-	0,6,6	-	-	-		
85	OHX	1	3930	-	0,6,6	-	-	-		
85	OHX	6	2134	-	0,6,6	-	-	-		
85	OHX	1	3902	-	0,6,6	-	-	-		
85	OHX	6	2124	-	0,6,6	-	-	-		
85	OHX	2	2002	-	0,6,6	-	-	-		
85	OHX	5	3774	-	0,6,6	-	-	-		
85	OHX	3	211	-	0,6,6	-	-	-		
85	OHX	2	2061	-	0,6,6	-	-	-		
85	OHX	1	3885	-	0,6,6	-	-	-		
85	OHX	6	2074	-	0,6,6	-	-	-		
85	OHX	5	3904	-	0,6,6	-	-	-		
85	OHX	6	2103	-	0,6,6	-	-	-		
85	OHX	5	3764	-	0,6,6	-	-	-		
85	OHX	5	3850	-	0,6,6	-	-	-		
85	OHX	1	3898	-	0,6,6	-	-	-		
85	OHX	5	3807	-	0,6,6	-	-	-		
85	OHX	2	2105	-	0,6,6	-	-	-		
85	OHX	1	3901	-	0,6,6	-	-	-		
85	OHX	5	3871	-	0,6,6	-	-	-		
85	OHX	1	3777	-	0,6,6	-	-	-		
85	OHX	5	3959	-	0,6,6	-	-	-		
85	OHX	1	3980	-	0,6,6	-	-	-		
85	OHX	1	3853	-	0,6,6	-	-	-		
85	OHX	2	2099	-	0,6,6	-	-	-		
85	OHX	5	3900	-	0,6,6	-	-	-		
85	OHX	5	4055	-	0,6,6	-	-	-		
85	OHX	1	3961	-	0,6,6	-	-	-		
85	OHX	3	210	-	0,6,6	-	-	-		
85	OHX	Q2	503	84	0,6,6	-	-	-		
85	OHX	1	3958	-	0,6,6	-	-	-		
85	OHX	5	4001	-	0,6,6	-	-	-		
85	OHX	5	3809	-	0,6,6	-	-	-		
85	OHX	1	3875	-	0,6,6	-	-	-		
85	OHX	6	2091	-	0,6,6	-	-	-		
85	OHX	5	4056	-	0,6,6	-	-	-		
85	OHX	5	3870	-	0,6,6	-	-	-		
85	OHX	2	2079	-	0,6,6	-	-	-		
85	OHX	2	2087	-	0,6,6	-	-	-		
85	OHX	5	3836	-	0,6,6	-	-	-		
85	OHX	2	2040	-	0,6,6	-	-	-		
85	OHX	2	2113	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
85	OHX	2	2096	-	0,6,6	-	-	-		
85	OHX	1	3890	-	0,6,6	-	-	-		
85	OHX	6	2034	-	0,6,6	-	-	-		
85	OHX	5	3752	-	0,6,6	-	-	-		
85	OHX	6	2137	-	0,6,6	-	-	-		
85	OHX	2	2011	-	0,6,6	-	-	-		
85	OHX	5	3773	-	0,6,6	-	-	-		
85	OHX	5	3784	-	0,6,6	-	-	-		
85	OHX	SR	401	-	0,6,6	-	-	-		
85	OHX	2	2080	-	0,6,6	-	-	-		
85	OHX	4	221	-	0,6,6	-	-	-		
85	OHX	5	3818	-	0,6,6	-	-	-		
85	OHX	6	2151	-	0,6,6	-	-	-		
85	OHX	5	3766	-	0,6,6	-	-	-		
85	OHX	5	3956	-	0,6,6	-	-	-		
85	OHX	7	217	-	0,6,6	-	-	-		
85	OHX	1	3906	-	0,6,6	-	-	-		
85	OHX	5	4048	-	0,6,6	-	-	-		
85	OHX	1	3773	-	0,6,6	-	-	-		
85	OHX	5	3885	-	0,6,6	-	-	-		
85	OHX	5	3996	-	0,6,6	-	-	-		
85	OHX	1	3794	-	0,6,6	-	-	-		
85	OHX	1	3894	-	0,6,6	-	-	-		
85	OHX	1	3911	-	0,6,6	-	-	-		
85	OHX	1	3976	-	0,6,6	-	-	-		
85	OHX	5	4060	-	0,6,6	-	-	-		
85	OHX	6	2030	-	0,6,6	-	-	-		
85	OHX	4	227	-	0,6,6	-	-	-		
85	OHX	6	2026	-	0,6,6	-	-	-		
85	OHX	1	3889	-	0,6,6	-	-	-		
85	OHX	1	4013	-	0,6,6	-	-	-		
85	OHX	1	3764	84	0,6,6	-	-	-		
85	OHX	1	3847	-	0,6,6	-	-	-		
85	OHX	1	3927	-	0,6,6	-	-	-		
85	OHX	1	3970	-	0,6,6	-	-	-		
85	OHX	5	3769	-	0,6,6	-	-	-		
85	OHX	2	2102	-	0,6,6	-	-	-		
85	OHX	5	3898	-	0,6,6	-	-	-		
85	OHX	1	3874	-	0,6,6	-	-	-		
85	OHX	2	2017	-	0,6,6	-	-	-		
85	OHX	1	3823	-	0,6,6	-	-	-		
85	OHX	1	3880	-	0,6,6	-	-	-		
85	OHX	1	3760	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
85	OHX	1	3814	-	0,6,6	-	-	-		
85	OHX	O9	101	-	0,6,6	-	-	-		
85	OHX	5	3778	-	0,6,6	-	-	-		
85	OHX	1	3909	-	0,6,6	-	-	-		
85	OHX	1	3869	-	0,6,6	-	-	-		
85	OHX	6	2131	-	0,6,6	-	-	-		
85	OHX	5	3983	-	0,6,6	-	-	-		
85	OHX	5	4053	-	0,6,6	-	-	-		
85	OHX	1	3856	-	0,6,6	-	-	-		
85	OHX	1	3974	-	0,6,6	-	-	-		
85	OHX	6	2065	-	0,6,6	-	-	-		
85	OHX	5	3793	-	0,6,6	-	-	-		
85	OHX	5	3872	-	0,6,6	-	-	-		
85	OHX	1	3983	84	0,6,6	-	-	-		
85	OHX	5	3858	-	0,6,6	-	-	-		
85	OHX	1	3749	-	0,6,6	-	-	-		
85	OHX	5	4035	-	0,6,6	-	-	-		
85	OHX	4	220	-	0,6,6	-	-	-		
85	OHX	1	3775	-	0,6,6	-	-	-		
85	OHX	1	3872	-	0,6,6	-	-	-		
85	OHX	1	3931	-	0,6,6	-	-	-		
85	OHX	1	4022	-	0,6,6	-	-	-		
85	OHX	5	3834	-	0,6,6	-	-	-		
85	OHX	5	3999	-	0,6,6	-	-	-		
85	OHX	2	2000	-	0,6,6	-	-	-		
85	OHX	6	2032	-	0,6,6	-	-	-		
85	OHX	5	3811	-	0,6,6	-	-	-		
85	OHX	1	3919	-	0,6,6	-	-	-		
85	OHX	2	2114	-	0,6,6	-	-	-		
85	OHX	5	3891	-	0,6,6	-	-	-		
85	OHX	5	3982	-	0,6,6	-	-	-		
85	OHX	1	3804	-	0,6,6	-	-	-		
85	OHX	1	3899	-	0,6,6	-	-	-		
85	OHX	6	2015	-	0,6,6	-	-	-		
85	OHX	5	4026	-	0,6,6	-	-	-		
85	OHX	6	2021	-	0,6,6	-	-	-		
85	OHX	5	3794	-	0,6,6	-	-	-		
85	OHX	5	3911	-	0,6,6	-	-	-		
85	OHX	5	3884	-	0,6,6	-	-	-		
85	OHX	1	3862	-	0,6,6	-	-	-		
85	OHX	5	4040	-	0,6,6	-	-	-		
85	OHX	2	2051	-	0,6,6	-	-	-		
85	OHX	2	2025	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
85	OHX	1	3751	-	0,6,6	-	-	-		
85	OHX	1	3864	-	0,6,6	-	-	-		
85	OHX	5	3927	-	0,6,6	-	-	-		
85	OHX	1	3932	84	0,6,6	-	-	-		
85	OHX	5	4008	-	0,6,6	-	-	-		
85	OHX	2	2054	-	0,6,6	-	-	-		
85	OHX	5	4059	84	0,6,6	-	-	-		
85	OHX	2	2116	-	0,6,6	-	-	-		
85	OHX	5	4039	-	0,6,6	-	-	-		
85	OHX	6	2057	-	0,6,6	-	-	-		
85	OHX	5	3760	-	0,6,6	-	-	-		
85	OHX	1	3921	-	0,6,6	-	-	-		
85	OHX	5	3909	-	0,6,6	-	-	-		
85	OHX	m5	305	-	0,6,6	-	-	-		
85	OHX	5	4029	-	0,6,6	-	-	-		
85	OHX	1	3878	-	0,6,6	-	-	-		
85	OHX	2	2070	-	0,6,6	-	-	-		
85	OHX	7	211	-	0,6,6	-	-	-		
85	OHX	N1	201	-	0,6,6	-	-	-		
85	OHX	5	3928	-	0,6,6	-	-	-		
85	OHX	5	3859	-	0,6,6	-	-	-		
85	OHX	1	3934	-	0,6,6	-	-	-		
85	OHX	6	2085	-	0,6,6	-	-	-		
85	OHX	o7	502	-	0,6,6	-	-	-		
85	OHX	1	3837	-	0,6,6	-	-	-		
85	OHX	D9	103	-	0,6,6	-	-	-		
85	OHX	1	3998	-	0,6,6	-	-	-		
85	OHX	4	216	-	0,6,6	-	-	-		
85	OHX	1	3816	-	0,6,6	-	-	-		
85	OHX	5	4058	-	0,6,6	-	-	-		
85	OHX	5	3823	-	0,6,6	-	-	-		
85	OHX	5	3873	-	0,6,6	-	-	-		
85	OHX	5	3933	-	0,6,6	-	-	-		
85	OHX	5	3970	-	0,6,6	-	-	-		
85	OHX	6	2139	-	0,6,6	-	-	-		
85	OHX	1	3831	-	0,6,6	-	-	-		
85	OHX	1	3941	-	0,6,6	-	-	-		
85	OHX	N9	101	-	0,6,6	-	-	-		
85	OHX	5	3804	-	0,6,6	-	-	-		
85	OHX	2	2055	-	0,6,6	-	-	-		
85	OHX	1	3795	-	0,6,6	-	-	-		
85	OHX	8	214	-	0,6,6	-	-	-		
85	OHX	1	3829	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
85	OHX	5	3862	-	0,6,6	-	-	-		
85	OHX	1	3900	-	0,6,6	-	-	-		
85	OHX	1	4012	-	0,6,6	-	-	-		
85	OHX	2	2071	-	0,6,6	-	-	-		
85	OHX	1	3897	-	0,6,6	-	-	-		
85	OHX	6	2077	-	0,6,6	-	-	-		
85	OHX	S8	301	-	0,6,6	-	-	-		
85	OHX	5	3821	-	0,6,6	-	-	-		
85	OHX	L3	403	-	0,6,6	-	-	-		
85	OHX	5	3835	-	0,6,6	-	-	-		
85	OHX	5	4000	-	0,6,6	-	-	-		
85	OHX	1	3839	-	0,6,6	-	-	-		
85	OHX	1	4007	-	0,6,6	-	-	-		
85	OHX	1	3755	-	0,6,6	-	-	-		
85	OHX	4	218	-	0,6,6	-	-	-		
85	OHX	2	2010	-	0,6,6	-	-	-		
85	OHX	1	3789	-	0,6,6	-	-	-		
85	OHX	5	3797	84	0,6,6	-	-	-		
85	OHX	6	2058	-	0,6,6	-	-	-		
85	OHX	5	3750	-	0,6,6	-	-	-		
85	OHX	2	2035	-	0,6,6	-	-	-		
85	OHX	1	3887	-	0,6,6	-	-	-		
85	OHX	1	4021	-	0,6,6	-	-	-		
85	OHX	4	231	-	0,6,6	-	-	-		
85	OHX	5	3854	-	0,6,6	-	-	-		
85	OHX	5	3998	-	0,6,6	-	-	-		
85	OHX	8	224	-	0,6,6	-	-	-		
85	OHX	8	211	-	0,6,6	-	-	-		
85	OHX	1	3758	-	0,6,6	-	-	-		
85	OHX	1	3841	-	0,6,6	-	-	-		
85	OHX	1	3819	-	0,6,6	-	-	-		
85	OHX	1	3861	-	0,6,6	-	-	-		
85	OHX	5	3817	-	0,6,6	-	-	-		
85	OHX	6	2106	-	0,6,6	-	-	-		
85	OHX	5	3845	-	0,6,6	-	-	-		
85	OHX	8	223	-	0,6,6	-	-	-		
85	OHX	5	4014	-	0,6,6	-	-	-		
85	OHX	2	2083	-	0,6,6	-	-	-		
85	OHX	5	3979	84	0,6,6	-	-	-		
85	OHX	2	2020	-	0,6,6	-	-	-		
85	OHX	5	4065	-	0,6,6	-	-	-		
85	OHX	6	2064	-	0,6,6	-	-	-		
85	OHX	5	3969	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
85	OHX	1	3748	-	0,6,6	-	-	-		
85	OHX	2	1992	-	0,6,6	-	-	-		
85	OHX	1	3953	-	0,6,6	-	-	-		
85	OHX	5	3997	-	0,6,6	-	-	-		
85	OHX	5	4067	-	0,6,6	-	-	-		
85	OHX	1	3969	-	0,6,6	-	-	-		
85	OHX	6	2027	-	0,6,6	-	-	-		
85	OHX	1	3743	-	0,6,6	-	-	-		
85	OHX	1	3783	-	0,6,6	-	-	-		
85	OHX	1	3741	-	0,6,6	-	-	-		
85	OHX	2	2090	-	0,6,6	-	-	-		
85	OHX	5	3973	-	0,6,6	-	-	-		
85	OHX	1	3788	-	0,6,6	-	-	-		
85	OHX	5	3975	-	0,6,6	-	-	-		
85	OHX	6	2076	-	0,6,6	-	-	-		
85	OHX	1	3943	-	0,6,6	-	-	-		
85	OHX	5	4047	-	0,6,6	-	-	-		
85	OHX	5	3789	-	0,6,6	-	-	-		
85	OHX	1	3893	-	0,6,6	-	-	-		
85	OHX	5	3987	-	0,6,6	-	-	-		
85	OHX	5	3887	-	0,6,6	-	-	-		
85	OHX	5	4066	-	0,6,6	-	-	-		
85	OHX	6	2158	-	0,6,6	-	-	-		
85	OHX	5	3877	-	0,6,6	-	-	-		
85	OHX	1	4028	-	0,6,6	-	-	-		
85	OHX	5	3819	-	0,6,6	-	-	-		
85	OHX	1	3746	-	0,6,6	-	-	-		
85	OHX	5	3839	-	0,6,6	-	-	-		
85	OHX	5	3929	-	0,6,6	-	-	-		
85	OHX	5	3935	-	0,6,6	-	-	-		
85	OHX	6	2146	-	0,6,6	-	-	-		
85	OHX	1	4006	-	0,6,6	-	-	-		
85	OHX	5	3985	-	0,6,6	-	-	-		
85	OHX	1	4031	-	0,6,6	-	-	-		
85	OHX	2	2048	-	0,6,6	-	-	-		
85	OHX	5	3988	-	0,6,6	-	-	-		
85	OHX	d4	201	-	0,6,6	-	-	-		
85	OHX	1	3785	-	0,6,6	-	-	-		
85	OHX	5	3991	-	0,6,6	-	-	-		
85	OHX	6	2056	-	0,6,6	-	-	-		
85	OHX	6	2087	-	0,6,6	-	-	-		
85	OHX	2	2077	-	0,6,6	-	-	-		
85	OHX	5	3905	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
85	OHX	6	2040	-	0,6,6	-	-	-		
85	OHX	6	2140	-	0,6,6	-	-	-		
85	OHX	5	3922	-	0,6,6	-	-	-		
85	OHX	5	3967	-	0,6,6	-	-	-		
85	OHX	1	3986	-	0,6,6	-	-	-		
85	OHX	1	3852	-	0,6,6	-	-	-		
85	OHX	1	4018	-	0,6,6	-	-	-		
85	OHX	3	216	-	0,6,6	-	-	-		
85	OHX	5	4030	-	0,6,6	-	-	-		
85	OHX	5	3857	-	0,6,6	-	-	-		
85	OHX	13	408	-	0,6,6	-	-	-		
85	OHX	7	212	-	0,6,6	-	-	-		
85	OHX	6	2081	-	0,6,6	-	-	-		
85	OHX	1	3848	-	0,6,6	-	-	-		
85	OHX	6	2141	-	0,6,6	-	-	-		
85	OHX	1	3947	-	0,6,6	-	-	-		
85	OHX	6	2114	-	0,6,6	-	-	-		
85	OHX	5	3964	-	0,6,6	-	-	-		
85	OHX	1	3881	-	0,6,6	-	-	-		
85	OHX	5	4070	-	0,6,6	-	-	-		
85	OHX	8	218	-	0,6,6	-	-	-		
85	OHX	5	4046	-	0,6,6	-	-	-		
85	OHX	6	2036	-	0,6,6	-	-	-		
85	OHX	2	2001	-	0,6,6	-	-	-		
85	OHX	6	2120	-	0,6,6	-	-	-		
85	OHX	5	3906	-	0,6,6	-	-	-		
85	OHX	6	2041	-	0,6,6	-	-	-		
85	OHX	1	3929	-	0,6,6	-	-	-		
85	OHX	4	223	-	0,6,6	-	-	-		
85	OHX	6	2033	-	0,6,6	-	-	-		
85	OHX	5	4031	-	0,6,6	-	-	-		
85	OHX	1	3727	-	0,6,6	-	-	-		
85	OHX	1	3879	-	0,6,6	-	-	-		
85	OHX	6	2157	-	0,6,6	-	-	-		
85	OHX	1	3868	-	0,6,6	-	-	-		
85	OHX	7	218	-	0,6,6	-	-	-		
85	OHX	1	3801	-	0,6,6	-	-	-		
85	OHX	6	2102	-	0,6,6	-	-	-		
85	OHX	6	2046	-	0,6,6	-	-	-		
85	OHX	2	1989	-	0,6,6	-	-	-		
85	OHX	1	3779	-	0,6,6	-	-	-		
85	OHX	1	3798	-	0,6,6	-	-	-		
85	OHX	1	3826	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
85	OHX	1	3916	-	0,6,6	-	-	-		
85	OHX	5	3747	-	0,6,6	-	-	-		
85	OHX	5	3971	-	0,6,6	-	-	-		
85	OHX	1	4001	-	0,6,6	-	-	-		
85	OHX	2	2019	-	0,6,6	-	-	-		
85	OHX	1	3803	-	0,6,6	-	-	-		
85	OHX	1	3913	84	0,6,6	-	-	-		
85	OHX	1	3923	-	0,6,6	-	-	-		
85	OHX	6	2142	-	0,6,6	-	-	-		
85	OHX	5	3765	-	0,6,6	-	-	-		
85	OHX	6	2104	-	0,6,6	-	-	-		
85	OHX	5	4068	84	0,6,6	-	-	-		
85	OHX	5	3918	-	0,6,6	-	-	-		
85	OHX	6	2053	-	0,6,6	-	-	-		
85	OHX	5	3947	-	0,6,6	-	-	-		
85	OHX	1	3737	-	0,6,6	-	-	-		
85	OHX	1	3860	-	0,6,6	-	-	-		
85	OHX	1	3726	-	0,6,6	-	-	-		
85	OHX	1	3993	-	0,6,6	-	-	-		
85	OHX	1	4016	-	0,6,6	-	-	-		
85	OHX	5	4045	-	0,6,6	-	-	-		
85	OHX	1	3957	84	0,6,6	-	-	-		
85	OHX	6	2094	-	0,6,6	-	-	-		
85	OHX	2	1997	-	0,6,6	-	-	-		
85	OHX	6	2054	-	0,6,6	-	-	-		
85	OHX	C3	201	-	0,6,6	-	-	-		
85	OHX	1	3818	-	0,6,6	-	-	-		
85	OHX	5	3753	-	0,6,6	-	-	-		
85	OHX	5	3776	-	0,6,6	-	-	-		
85	OHX	1	3754	-	0,6,6	-	-	-		
85	OHX	1	3771	-	0,6,6	-	-	-		
85	OHX	1	3950	-	0,6,6	-	-	-		
85	OHX	1	3952	-	0,6,6	-	-	-		
85	OHX	6	2150	-	0,6,6	-	-	-		
85	OHX	5	3772	-	0,6,6	-	-	-		
85	OHX	5	4010	-	0,6,6	-	-	-		
85	OHX	5	4051	-	0,6,6	-	-	-		
85	OHX	14	402	-	0,6,6	-	-	-		
85	OHX	1	4025	-	0,6,6	-	-	-		
85	OHX	5	3759	-	0,6,6	-	-	-		
85	OHX	6	2110	-	0,6,6	-	-	-		
85	OHX	2	2060	-	0,6,6	-	-	-		
85	OHX	5	3767	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
85	OHX	5	3840	-	0,6,6	-	-	-		
85	OHX	2	2066	-	0,6,6	-	-	-		
85	OHX	5	3801	-	0,6,6	-	-	-		
85	OHX	6	2023	-	0,6,6	-	-	-		
85	OHX	6	2043	-	0,6,6	-	-	-		
85	OHX	6	2059	-	0,6,6	-	-	-		
85	OHX	M0	302	-	0,6,6	-	-	-		

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

Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	ANM	1	3401	-	3/3/4/5	3/10/23/23	0/2/2/2

All (9) bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
87	1	3401	ANM	C4-C3	-6.47	1.43	1.53
87	1	3401	ANM	C3-C2	-6.41	1.40	1.53
87	1	3401	ANM	O2-C2	-4.67	1.37	1.44
87	1	3401	ANM	C16-N1	-4.41	1.38	1.48
87	1	3401	ANM	C15-C16	-3.10	1.47	1.53
87	1	3401	ANM	C2-C16	-2.91	1.47	1.53
87	1	3401	ANM	O4-C3	-2.83	1.37	1.43
87	1	3401	ANM	O1-C9	2.79	1.43	1.37
87	1	3401	ANM	O2-C5	2.62	1.41	1.35

All (10) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
87	1	3401	ANM	C15-C16-N1	-5.90	104.18	111.47
87	1	3401	ANM	C2-O2-C5	-5.34	109.46	117.72
87	1	3401	ANM	O2-C5-O3	-5.31	112.42	122.96
87	1	3401	ANM	C4-C3-C2	-4.14	97.94	103.29
87	1	3401	ANM	O4-C3-C4	-4.08	101.29	110.90
87	1	3401	ANM	O2-C5-C6	3.33	117.21	111.09
87	1	3401	ANM	O4-C3-C2	-2.88	103.16	111.63
87	1	3401	ANM	O3-C5-C6	-2.56	115.49	124.81
87	1	3401	ANM	C3-C2-C16	-2.33	100.92	104.29
87	1	3401	ANM	C14-O1-C9	-2.28	112.56	117.51

All (3) chirality outliers are listed below:

Mol	Chain	Res	Type	Atom
87	1	3401	ANM	C2
87	1	3401	ANM	C3
87	1	3401	ANM	C16

All (3) torsion outliers are listed below:

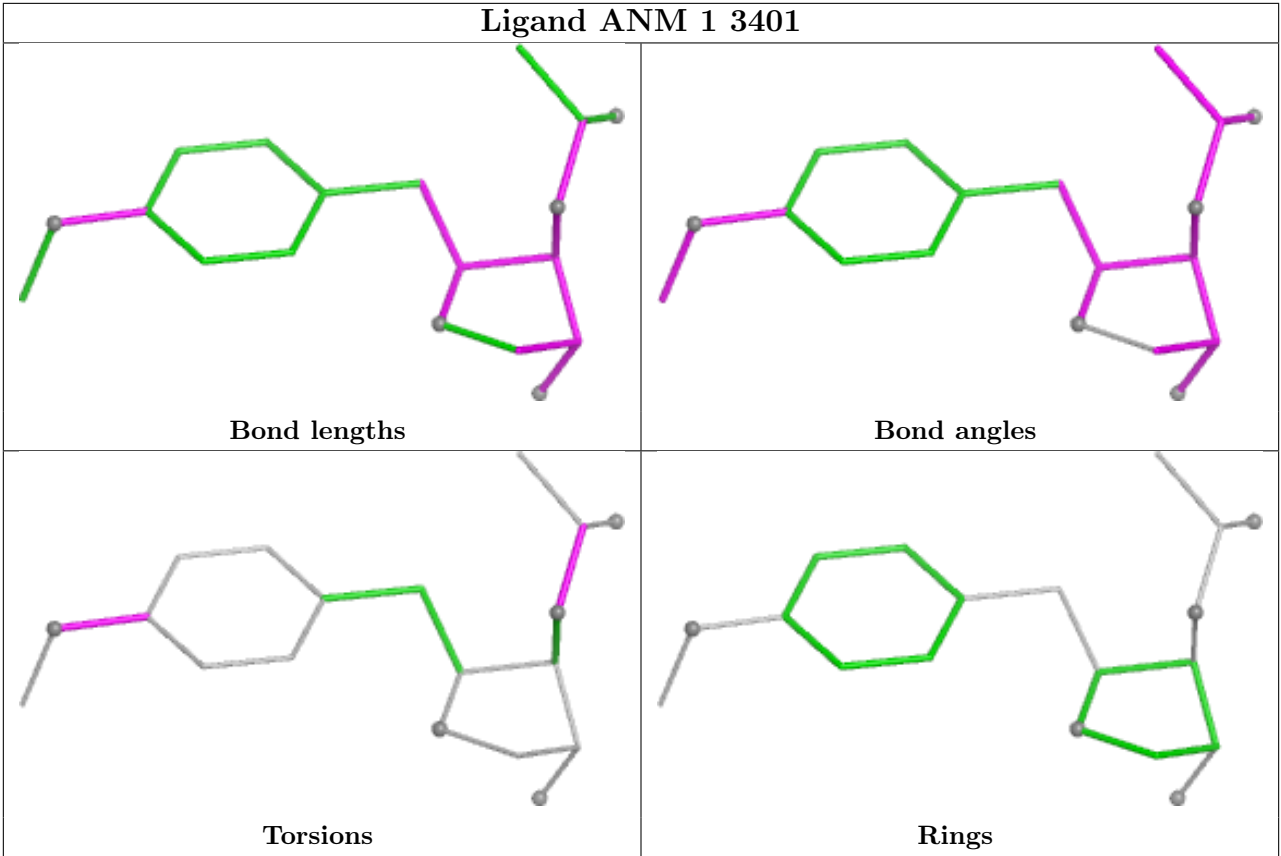
Mol	Chain	Res	Type	Atoms
87	1	3401	ANM	C6-C5-O2-C2
87	1	3401	ANM	C10-C9-O1-C14
87	1	3401	ANM	C1-C9-O1-C14

There are no ring outliers.

1 monomer is involved in 1 short contact:

Mol	Chain	Res	Type	Clashes	Symm-Clashes
85	C8	201	OHX	0	1

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 than 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.



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
80	m2	2
35	sM	1
35	SM	1
12	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	37.86
1	SM	141:ALA	C	151:UNK	N	26.40
1	c0	84:GLU	C	87:UNK	N	8.00

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Model	Chain	Residue-1	Atom-1	Residue-2	Atom-2	Distance (Å)
1	2	1716:C	O3'	1717:G	P	3.94
1	m2	23:UNK	C	28:UNK	N	3.86
1	m2	52:UNK	C	54:UNK	N	3.08

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, 95th 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%)	1.07	199 (11%) 10 5	37, 86, 144, 179	1 (0%)
1	6	1795/1800 (99%)	0.86	155 (8%) 16 9	31, 76, 145, 181	1 (0%)
2	S0	206/251 (82%)	1.23	28 (13%) 7 4	87, 96, 101, 106	0
2	s0	206/251 (82%)	2.04	101 (49%) 0 0	78, 120, 181, 264	0
3	S1	214/254 (84%)	1.66	66 (30%) 1 1	96, 117, 134, 137	0
3	s1	216/254 (85%)	0.86	11 (5%) 33 18	71, 82, 95, 105	0
4	S2	217/253 (85%)	0.94	20 (9%) 14 8	73, 81, 90, 98	0
4	s2	217/253 (85%)	0.84	20 (9%) 14 8	58, 68, 84, 89	0
5	S3	223/239 (93%)	0.91	13 (5%) 29 16	76, 86, 104, 107	0
5	s3	223/239 (93%)	0.91	23 (10%) 12 6	77, 98, 120, 126	0
6	S4	260/260 (100%)	0.93	18 (6%) 23 12	64, 84, 91, 104	0
6	s4	260/260 (100%)	0.87	19 (7%) 21 11	49, 74, 82, 99	0
7	S5	206/224 (91%)	1.22	29 (14%) 6 3	94, 104, 110, 113	0
7	s5	206/224 (91%)	1.04	18 (8%) 16 9	74, 93, 100, 104	0
8	S6	226/236 (95%)	1.29	39 (17%) 4 2	67, 89, 106, 109	0
8	s6	218/236 (92%)	0.94	17 (7%) 19 10	51, 82, 94, 102	0
9	S7	184/189 (97%)	1.16	27 (14%) 6 3	83, 103, 119, 122	0
9	s7	186/189 (98%)	1.07	23 (12%) 8 5	71, 96, 123, 189	0
10	S8	188/200 (94%)	1.21	24 (12%) 7 4	61, 75, 106, 113	0
10	s8	188/200 (94%)	1.02	16 (8%) 16 9	46, 69, 110, 123	0
11	S9	185/196 (94%)	1.22	26 (14%) 6 3	77, 89, 111, 126	0
11	s9	185/196 (94%)	1.19	26 (14%) 6 3	62, 79, 104, 119	0
12	C0	84/96 (87%)	1.22	16 (19%) 3 1	83, 96, 104, 107	0
12	c0	84/96 (87%)	1.47	27 (32%) 1 0	97, 122, 131, 135	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
13	C1	146/155 (94%)	0.92	10 (6%) 23 12	64, 72, 90, 101	0
13	c1	146/155 (94%)	1.03	22 (15%) 5 3	51, 66, 97, 152	0
14	C2	124/142 (87%)	1.33	22 (17%) 4 2	118, 124, 129, 132	0
14	c2	124/142 (87%)	2.20	68 (54%) 0 0	170, 185, 193, 202	0
15	C3	150/150 (100%)	1.03	18 (12%) 9 5	71, 85, 93, 97	0
15	c3	150/150 (100%)	0.71	9 (6%) 27 15	56, 72, 87, 92	0
16	C4	127/136 (93%)	1.79	43 (33%) 1 0	74, 116, 124, 126	0
16	c4	128/136 (94%)	0.95	11 (8%) 16 9	54, 81, 85, 88	0
17	C5	124/141 (87%)	1.11	18 (14%) 6 3	77, 88, 107, 114	0
17	c5	135/141 (95%)	1.25	21 (15%) 5 2	61, 91, 108, 115	0
18	C6	141/142 (99%)	1.44	39 (27%) 1 1	81, 99, 102, 103	0
18	c6	142/142 (100%)	1.54	34 (23%) 2 1	69, 89, 101, 104	0
19	C7	120/136 (88%)	1.42	27 (22%) 2 1	89, 99, 106, 107	0
19	c7	117/136 (86%)	2.38	68 (58%) 0 0	79, 95, 321, 380	0
20	C8	145/145 (100%)	1.19	24 (16%) 4 2	76, 94, 109, 114	0
20	c8	145/145 (100%)	1.04	15 (10%) 12 6	69, 87, 98, 103	0
21	C9	143/143 (100%)	1.55	33 (23%) 2 1	86, 97, 105, 110	0
21	c9	143/143 (100%)	1.03	10 (6%) 22 12	71, 83, 93, 98	0
22	D0	107/120 (89%)	1.48	28 (26%) 1 1	76, 98, 107, 109	0
22	d0	110/120 (91%)	1.32	21 (19%) 3 1	73, 103, 118, 121	0
23	D1	87/87 (100%)	0.91	8 (9%) 14 8	84, 87, 97, 100	0
23	d1	87/87 (100%)	0.99	9 (10%) 12 6	70, 86, 139, 157	0
24	D2	129/129 (100%)	1.01	11 (8%) 16 9	73, 81, 87, 95	0
24	d2	129/129 (100%)	0.84	9 (6%) 22 12	56, 67, 74, 81	0
25	D3	144/144 (100%)	0.92	16 (11%) 10 5	63, 66, 72, 75	0
25	d3	144/144 (100%)	0.43	4 (2%) 55 34	47, 52, 60, 65	0
26	D4	134/134 (100%)	1.09	21 (15%) 5 2	74, 90, 97, 100	0
26	d4	134/134 (100%)	1.01	16 (11%) 9 5	58, 78, 88, 101	0
27	D5	70/107 (65%)	1.35	14 (20%) 3 1	103, 109, 114, 114	0
27	d5	69/107 (64%)	1.23	12 (17%) 4 2	86, 97, 101, 102	0
28	D6	97/97 (100%)	1.30	20 (20%) 2 1	76, 85, 121, 121	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
28	d6	97/97 (100%)	0.80	7 (7%) 21 11	56, 66, 87, 91	0
29	D7	81/81 (100%)	1.23	11 (13%) 7 4	84, 95, 107, 108	0
29	d7	81/81 (100%)	1.10	7 (8%) 16 9	72, 86, 101, 103	0
30	D8	63/66 (95%)	1.48	14 (22%) 2 1	101, 108, 112, 115	0
30	d8	63/66 (95%)	1.03	5 (7%) 18 10	88, 96, 101, 106	0
31	D9	53/55 (96%)	1.54	13 (24%) 2 1	78, 82, 94, 95	0
31	d9	53/55 (96%)	1.79	19 (35%) 1 0	73, 85, 114, 122	0
32	E0	60/62 (96%)	1.07	8 (13%) 7 4	65, 90, 102, 104	0
32	e0	62/62 (100%)	0.90	5 (8%) 18 10	53, 78, 95, 99	0
33	E1	71/76 (93%)	1.53	14 (19%) 3 1	89, 115, 125, 126	0
33	e1	76/76 (100%)	2.37	44 (57%) 0 0	96, 155, 181, 183	0
34	SR	318/318 (100%)	1.25	54 (16%) 4 2	95, 103, 114, 120	0
34	sR	318/318 (100%)	1.35	57 (17%) 3 1	102, 116, 127, 175	0
35	SM	133/182 (73%)	1.04	18 (13%) 7 4	56, 80, 122, 131	0
35	sM	63/182 (34%)	1.04	9 (14%) 6 3	44, 87, 93, 95	0
36	1	3149/3396 (92%)	0.41	157 (4%) 34 18	31, 53, 104, 189	0
36	5	3150/3396 (92%)	0.36	155 (4%) 35 18	29, 51, 105, 149	0
37	3	121/121 (100%)	0.43	1 (0%) 82 65	43, 66, 77, 80	0
37	7	121/121 (100%)	0.24	1 (0%) 82 65	34, 52, 64, 69	0
38	4	158/158 (100%)	0.35	4 (2%) 58 37	35, 54, 84, 107	0
38	8	158/158 (100%)	0.53	5 (3%) 50 30	40, 61, 93, 104	0
39	L2	252/253 (99%)	0.51	7 (2%) 55 34	39, 52, 65, 70	0
39	l2	252/253 (99%)	0.68	18 (7%) 22 12	37, 55, 73, 146	0
40	L3	386/386 (100%)	0.46	6 (1%) 70 49	38, 53, 64, 73	0
40	l3	386/386 (100%)	0.21	3 (0%) 82 65	30, 43, 58, 82	0
41	L4	361/361 (100%)	0.11	2 (0%) 85 70	33, 44, 56, 62	0
41	l4	361/361 (100%)	0.49	13 (3%) 46 26	36, 51, 66, 72	0
42	L5	296/296 (100%)	0.67	15 (5%) 33 18	52, 69, 81, 90	0
42	l5	294/296 (99%)	0.52	13 (4%) 39 21	37, 55, 77, 101	0
43	L6	156/175 (89%)	0.27	1 (0%) 85 70	42, 49, 58, 71	0
43	l6	157/175 (89%)	0.49	6 (3%) 44 25	42, 54, 65, 71	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
44	L7	222/243 (91%)	0.10	2 (0%) 81 63	36, 42, 58, 72	0
44	l7	223/243 (91%)	0.20	3 (1%) 75 56	33, 41, 69, 86	0
45	L8	233/255 (91%)	0.74	6 (2%) 57 36	58, 71, 89, 96	0
45	l8	231/255 (90%)	1.12	34 (14%) 6 3	65, 80, 101, 106	0
46	L9	191/191 (100%)	0.62	8 (4%) 40 22	51, 59, 67, 72	0
46	l9	191/191 (100%)	0.24	0 100 100	39, 47, 59, 67	0
47	M0	211/220 (95%)	0.45	5 (2%) 59 38	39, 50, 74, 80	0
47	m0	213/220 (96%)	0.46	10 (4%) 36 19	33, 46, 75, 167	0
48	M1	169/173 (97%)	1.01	18 (10%) 11 6	61, 74, 82, 86	0
48	m1	169/173 (97%)	0.51	9 (5%) 32 17	44, 57, 67, 76	0
49	M3	193/198 (97%)	0.49	9 (4%) 36 19	35, 52, 76, 98	0
49	m3	194/198 (97%)	0.59	9 (4%) 37 20	35, 63, 86, 93	0
50	M4	136/137 (99%)	0.39	3 (2%) 62 41	46, 52, 62, 64	0
50	m4	137/137 (100%)	0.24	3 (2%) 62 41	41, 46, 61, 67	0
51	M5	203/203 (100%)	0.68	12 (5%) 28 15	36, 49, 59, 60	0
51	m5	203/203 (100%)	0.85	16 (7%) 18 10	40, 56, 66, 69	0
52	M6	197/198 (99%)	0.38	9 (4%) 37 20	37, 43, 57, 58	0
52	m6	197/198 (99%)	0.18	3 (1%) 72 52	30, 35, 55, 58	0
53	M7	183/183 (100%)	0.65	19 (10%) 11 6	39, 47, 73, 82	0
53	m7	155/183 (84%)	0.30	2 (1%) 75 56	36, 43, 53, 61	0
54	M8	185/185 (100%)	0.37	3 (1%) 70 49	37, 47, 59, 68	0
54	m8	185/185 (100%)	0.39	4 (2%) 62 41	36, 52, 60, 66	0
55	M9	188/188 (100%)	0.82	11 (5%) 28 15	58, 67, 117, 123	0
55	m9	188/188 (100%)	0.79	10 (5%) 32 17	53, 60, 108, 121	0
56	N0	172/172 (100%)	0.35	6 (3%) 47 27	43, 49, 57, 63	0
56	n0	172/172 (100%)	0.34	6 (3%) 47 27	35, 41, 49, 52	0
57	N1	159/159 (100%)	0.31	2 (1%) 75 56	39, 49, 71, 75	0
57	n1	159/159 (100%)	0.24	1 (0%) 85 70	34, 41, 66, 71	0
58	N2	100/120 (83%)	1.18	11 (11%) 10 5	81, 89, 92, 92	0
58	n2	98/120 (81%)	0.92	14 (14%) 6 3	70, 79, 83, 86	0
59	N3	136/136 (100%)	0.28	2 (1%) 72 52	43, 50, 55, 59	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
59	n3	136/136 (100%)	0.13	2 (1%) 72 52	30, 39, 48, 51	0
60	N4	98/155 (63%)	1.23	22 (22%) 2 1	49, 63, 112, 120	0
60	n4	135/155 (87%)	1.34	40 (29%) 1 1	38, 87, 303, 442	0
61	N5	121/141 (85%)	0.52	4 (3%) 49 29	51, 60, 72, 88	0
61	n5	120/141 (85%)	0.85	8 (6%) 24 13	50, 65, 80, 86	0
62	N6	126/126 (100%)	0.41	1 (0%) 82 65	40, 53, 61, 64	0
62	n6	126/126 (100%)	0.79	5 (3%) 42 23	46, 60, 71, 75	0
63	N7	135/135 (100%)	0.79	6 (4%) 39 21	71, 79, 92, 98	0
63	n7	135/135 (100%)	1.28	27 (20%) 3 1	75, 86, 100, 107	0
64	N8	148/148 (100%)	0.35	4 (2%) 56 35	30, 48, 62, 72	0
64	n8	148/148 (100%)	0.40	2 (1%) 73 53	31, 54, 63, 65	0
65	N9	58/58 (100%)	0.59	5 (8%) 16 9	35, 53, 81, 89	0
65	n9	58/58 (100%)	0.72	5 (8%) 16 9	32, 49, 69, 73	0
66	O0	97/104 (93%)	0.54	4 (4%) 41 23	67, 73, 84, 87	0
66	o0	100/104 (96%)	0.78	6 (6%) 27 15	66, 76, 86, 92	0
67	O1	109/112 (97%)	0.65	7 (6%) 25 14	52, 62, 76, 82	0
67	o1	109/112 (97%)	0.75	9 (8%) 17 9	44, 56, 81, 163	0
68	O2	127/129 (98%)	0.27	2 (1%) 70 49	32, 44, 49, 53	0
68	o2	127/129 (98%)	0.55	11 (8%) 16 9	31, 50, 57, 61	0
69	O3	106/106 (100%)	0.44	4 (3%) 44 25	37, 42, 56, 60	0
69	o3	106/106 (100%)	0.42	2 (1%) 66 45	34, 43, 59, 65	0
70	O4	112/120 (93%)	1.19	16 (14%) 6 3	52, 67, 82, 87	0
70	o4	112/120 (93%)	1.10	15 (13%) 7 4	51, 66, 88, 91	0
71	O5	119/119 (100%)	0.65	3 (2%) 58 37	49, 60, 66, 70	0
71	o5	119/119 (100%)	0.80	5 (4%) 40 22	57, 68, 76, 81	0
72	O6	99/99 (100%)	0.73	8 (8%) 18 10	51, 60, 77, 83	0
72	o6	99/99 (100%)	0.90	10 (10%) 12 6	59, 67, 77, 85	0
73	O7	87/87 (100%)	0.59	2 (2%) 61 39	37, 43, 60, 73	0
73	o7	87/87 (100%)	0.68	4 (4%) 37 20	37, 46, 74, 90	0
74	O8	77/77 (100%)	0.80	4 (5%) 33 17	75, 80, 87, 87	0
74	o8	77/77 (100%)	1.16	7 (9%) 15 8	81, 89, 108, 120	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
75	O9	50/50 (100%)	0.73	5 (10%) 12 6	45, 49, 51, 52	0
75	o9	50/50 (100%)	0.42	0 100 100	45, 50, 57, 66	0
76	Q0	52/52 (100%)	0.72	2 (3%) 44 25	48, 52, 61, 65	0
76	q0	52/52 (100%)	0.21	1 (1%) 66 45	36, 39, 47, 51	0
77	Q1	25/25 (100%)	0.98	2 (8%) 18 10	62, 63, 67, 68	0
77	q1	25/25 (100%)	0.91	2 (8%) 18 10	49, 51, 53, 55	0
78	Q2	105/105 (100%)	0.38	1 (0%) 79 61	39, 51, 63, 74	0
78	q2	105/105 (100%)	0.33	2 (1%) 66 45	38, 49, 59, 71	0
79	Q3	91/91 (100%)	0.34	0 100 100	46, 53, 63, 69	0
79	q3	91/91 (100%)	0.37	3 (3%) 49 29	43, 51, 65, 71	0
80	m2	0/150	-	-	-	-
81	p0	143/311 (45%)	1.31	22 (15%) 5 2	83, 101, 174, 180	0
82	p1	0/47	-	-	-	-
83	p2	0/46	-	-	-	-
All	All	32994/35138 (93%)	0.75	2874 (8%) 16 9	29, 66, 117, 442	2 (0%)

All (2874) RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
16	C4	15	GLY	9.6
1	2	194	U	8.9
39	l2	253	GLN	8.6
36	1	1236	G	7.2
1	6	718	U	6.7
1	6	662	U	6.7
33	e1	80	ARG	6.5
58	N2	27	VAL	6.4
73	o7	88	ALA	6.4
36	1	1952	G	6.4
10	S8	21	PHE	6.4
19	c7	100	LEU	6.3
1	6	663	U	6.2
1	6	1217	A	6.1
2	s0	173	ILE	6.1
36	1	2772	C	6.0
16	C4	14	PHE	6.0
36	1	1237	G	6.0
1	2	1702	A	5.9

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Mol	Chain	Res	Type	RSRZ
33	e1	145	HIS	5.9
39	l2	249	SER	5.9
19	c7	57	LEU	5.8
33	e1	95	HIS	5.8
36	1	1349	G	5.8
36	5	2874	G	5.8
16	C4	16	VAL	5.6
72	O6	27	SER	5.6
2	s0	6	THR	5.6
30	D8	21	SER	5.6
60	N4	75	THR	5.6
18	c6	139	GLN	5.5
33	e1	77	GLY	5.5
17	C5	104	GLN	5.5
33	e1	78	LYS	5.5
81	p0	81	LYS	5.5
19	c7	8	THR	5.5
60	N4	76	VAL	5.4
1	2	1756[A]	A	5.3
18	c6	141	SER	5.3
63	n7	56	LYS	5.3
7	S5	37	GLN	5.3
4	s2	92	ALA	5.3
45	l8	124	ASP	5.2
4	s2	90	THR	5.2
39	l2	252	THR	5.2
20	c8	146	ALA	5.2
36	1	1955	U	5.2
8	S6	180	THR	5.2
1	6	229	U	5.2
14	c2	75	VAL	5.1
33	E1	87	THR	5.1
51	M5	58	GLY	5.1
19	c7	118	PRO	5.1
31	d9	5	ASN	5.1
3	S1	47	LEU	5.0
34	SR	36	ALA	5.0
3	S1	46	THR	5.0
8	S6	124	LEU	5.0
73	O7	88	ALA	5.0
3	S1	93	GLY	5.0
17	c5	4	ALA	4.9

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Mol	Chain	Res	Type	RSRZ
19	C7	125	SER	4.9
19	c7	116	LYS	4.9
75	O9	46	ARG	4.9
60	N4	86	SER	4.9
1	6	1707	A	4.9
36	1	1238	C	4.9
36	1	1350	A	4.9
74	o8	2	ALA	4.9
1	2	656	G	4.9
36	1	1351	U	4.9
18	c6	19	VAL	4.9
21	C9	92	LYS	4.9
1	6	656	G	4.9
2	s0	20	ALA	4.8
14	c2	20	ALA	4.8
56	N0	1	MET	4.8
1	2	261	U	4.8
10	S8	20	GLN	4.8
33	e1	147	VAL	4.8
31	d9	4	GLU	4.8
21	C9	72	GLY	4.7
36	5	249	U	4.7
38	4	82	U	4.7
36	1	1352	A	4.7
36	5	1017	C	4.7
34	sR	28	GLY	4.7
53	M7	174	GLY	4.7
14	c2	107	ASP	4.7
36	1	1028	U	4.7
2	s0	146	LEU	4.7
19	C7	123	ASN	4.7
21	C9	83	ALA	4.7
1	2	1625	C	4.7
3	S1	25	THR	4.6
31	d9	6	VAL	4.6
2	s0	54	TRP	4.6
47	m0	111	LEU	4.6
19	c7	3	ARG	4.6
53	M7	168	LEU	4.6
2	S0	107	PHE	4.6
2	s0	2	SER	4.6
9	s7	93	LEU	4.6

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Mol	Chain	Res	Type	RSRZ
19	c7	117	LEU	4.6
60	n4	78	ALA	4.6
1	2	1687	U	4.5
60	n4	72	SER	4.5
19	c7	102	VAL	4.5
1	6	658	C	4.5
71	O5	120	ALA	4.5
8	s6	80	ASN	4.5
36	1	2996	U	4.5
22	D0	19	ILE	4.5
26	d4	18	LEU	4.5
45	L8	93	LEU	4.5
8	s6	35	GLU	4.5
2	s0	162	CYS	4.5
20	c8	18	LEU	4.4
3	S1	94	LYS	4.4
60	n4	74	LYS	4.4
14	c2	123	VAL	4.4
33	E1	146	SER	4.4
14	c2	59	LEU	4.4
36	1	1260	A	4.4
19	c7	35	CYS	4.4
52	M6	42	ASN	4.4
72	o6	28	TYR	4.4
7	s5	37	GLN	4.4
12	C0	2	LEU	4.4
20	C8	32	LEU	4.4
81	p0	54	GLY	4.4
23	D1	34	ILE	4.4
36	1	1234	G	4.3
1	2	1370	U	4.3
39	L2	12	ALA	4.3
47	m0	112	GLN	4.3
1	6	720	G	4.3
60	N4	98	PRO	4.3
81	p0	192	ASP	4.3
19	c7	53	TYR	4.3
19	c7	120	SER	4.3
34	SR	79	TYR	4.3
53	M7	184	ALA	4.3
19	c7	17	ILE	4.3
14	c2	21	GLU	4.3

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Mol	Chain	Res	Type	RSRZ
36	5	620	U	4.3
67	o1	82	GLU	4.3
19	c7	25	THR	4.3
23	D1	69	LEU	4.3
2	S0	28	ASN	4.3
16	C4	75	GLY	4.3
17	c5	136	SER	4.3
1	2	234	G	4.3
73	o7	87	SER	4.3
19	c7	121	VAL	4.3
27	D5	97	LYS	4.2
1	2	238	U	4.2
36	5	1580	A	4.2
36	5	2506	U	4.2
58	N2	94	ARG	4.2
65	N9	2	ALA	4.2
34	sR	136	ILE	4.2
33	e1	146	SER	4.2
43	l6	24	ALA	4.2
38	8	81	U	4.2
1	2	1601	G	4.2
1	6	651	G	4.2
1	6	669	G	4.2
16	C4	27	PHE	4.2
36	1	1243	G	4.2
19	c7	66	VAL	4.2
1	2	74	U	4.2
1	2	1708	U	4.2
1	6	721	U	4.2
38	8	80	A	4.2
1	6	668	C	4.2
25	d3	110	LYS	4.2
16	C4	89	THR	4.2
36	5	1349	G	4.2
36	5	2503	G	4.2
3	s1	89	ASP	4.1
7	S5	36	ALA	4.1
11	S9	181	ALA	4.1
1	6	719	U	4.1
3	S1	45	LYS	4.1
15	C3	61	THR	4.1
53	M7	166	VAL	4.1

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Mol	Chain	Res	Type	RSRZ
3	S1	207	LEU	4.1
14	c2	45	LEU	4.1
36	1	2507	C	4.1
13	C1	146	ALA	4.1
74	O8	29	LYS	4.1
18	C6	21	HIS	4.1
1	6	194	U	4.1
1	6	1285	U	4.1
5	S3	44	THR	4.1
36	5	3275	U	4.1
17	c5	133	ALA	4.1
19	c7	90	ALA	4.1
45	l8	114	ALA	4.1
51	m5	147	ARG	4.1
2	s0	57	LEU	4.1
3	S1	96	LEU	4.1
1	2	715	U	4.1
34	sR	244	ALA	4.1
69	o3	60	ARG	4.1
2	s0	189	VAL	4.1
18	c6	4	VAL	4.1
19	c7	115	LEU	4.1
20	C8	22	VAL	4.1
34	SR	71	CYS	4.1
3	S1	164	ILE	4.1
8	S6	175	ILE	4.1
18	c6	8	GLN	4.1
11	S9	141	VAL	4.0
1	6	678	A	4.0
36	1	2404	A	4.0
8	s6	169	TYR	4.0
33	e1	85	TYR	4.0
72	O6	26	ILE	4.0
2	s0	40	ALA	4.0
53	M7	178	ALA	4.0
13	C1	91	LEU	4.0
1	2	714	G	4.0
14	c2	80	ASN	4.0
9	s7	60	ILE	4.0
67	O1	69	TYR	4.0
1	2	1703	C	4.0
36	5	1238	C	4.0

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Mol	Chain	Res	Type	RSRZ
19	c7	56	HIS	4.0
1	2	280	U	4.0
4	s2	91	ARG	4.0
34	SR	43	ILE	4.0
13	c1	3	THR	4.0
36	1	2522	G	4.0
28	D6	2	PRO	4.0
3	S1	66	VAL	4.0
6	S4	25	GLY	4.0
36	1	1016	C	4.0
22	d0	57	ARG	4.0
25	D3	3	LYS	4.0
51	m5	177	GLY	4.0
1	2	1699	G	4.0
19	C7	95	ARG	4.0
36	5	244	G	4.0
1	2	506	A	4.0
1	2	1707	A	4.0
1	6	226	A	4.0
1	6	239	C	4.0
1	6	659	C	4.0
35	sM	49	LYS	4.0
72	o6	29	LYS	4.0
2	s0	4	PRO	3.9
48	M1	148	VAL	3.9
1	6	75	U	3.9
72	o6	26	ILE	3.9
19	c7	10	LYS	3.9
16	C4	102	LEU	3.9
21	C9	85	SER	3.9
36	1	1245	A	3.9
36	5	2507	C	3.9
14	c2	71	ILE	3.9
36	5	981	U	3.9
60	n4	128	ALA	3.9
19	c7	119	LEU	3.9
22	d0	90	TYR	3.9
3	S1	140	ILE	3.9
18	c6	140	LYS	3.9
36	5	1016	C	3.9
36	5	1582	C	3.9
36	5	1631	C	3.9

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Mol	Chain	Res	Type	RSRZ
11	S9	2	PRO	3.9
11	s9	2	PRO	3.9
26	d4	26	ASP	3.9
34	SR	122	ILE	3.9
7	S5	71	ALA	3.9
1	2	217	A	3.9
36	5	1237	G	3.9
12	c0	81	ASN	3.9
24	d2	29	PRO	3.9
6	s4	134	LYS	3.9
70	O4	21	LYS	3.9
14	c2	126	TRP	3.9
19	c7	113	LEU	3.9
31	d9	7	TRP	3.9
19	C7	53	TYR	3.8
31	D9	28	THR	3.8
1	2	1711	C	3.8
1	6	1370	U	3.8
8	S6	190	GLN	3.8
36	5	1567	U	3.8
34	SR	91	LEU	3.8
1	6	1712	A	3.8
24	D2	108	ALA	3.8
47	m0	221	ALA	3.8
33	e1	102	VAL	3.8
1	2	913	G	3.8
3	S1	226	GLY	3.8
4	s2	93	GLY	3.8
34	SR	115	ILE	3.8
2	s0	177	LEU	3.8
70	O4	2	ALA	3.8
29	D7	49	HIS	3.8
1	2	1704	U	3.8
36	1	979	U	3.8
1	2	716	C	3.8
36	1	1581	C	3.8
7	S5	194	LEU	3.8
36	1	1261	G	3.8
19	C7	126	ALA	3.8
6	s4	131	LEU	3.8
16	C4	137	LEU	3.8
1	6	657	U	3.8

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Mol	Chain	Res	Type	RSRZ
1	6	711	U	3.8
70	O4	73	SER	3.7
36	5	1262	G	3.7
2	s0	194	PRO	3.7
60	n4	133	THR	3.7
34	SR	83	ALA	3.7
33	e1	98	VAL	3.7
36	5	250	U	3.7
36	5	1192	C	3.7
10	S8	8	ARG	3.7
10	s8	8	ARG	3.7
18	c6	3	ALA	3.7
33	e1	152	ALA	3.7
9	S7	109	VAL	3.7
8	S6	80	ASN	3.7
10	S8	22	ARG	3.7
35	sM	50	ASN	3.7
1	2	320	U	3.7
36	5	2505	U	3.7
59	N3	2	SER	3.7
19	c7	103	ASP	3.7
1	2	1686	C	3.7
35	sM	84	LYS	3.7
2	s0	96	THR	3.7
49	m3	80	VAL	3.7
21	C9	89	ARG	3.7
2	s0	48	ILE	3.7
1	6	722	G	3.7
39	l2	248	GLY	3.7
36	1	1103	A	3.7
36	1	2401	A	3.7
36	5	1350	A	3.7
51	m5	185	ALA	3.7
18	c6	37	THR	3.7
36	1	3360	C	3.7
53	M7	167	ARG	3.7
15	C3	5	HIS	3.7
18	c6	21	HIS	3.7
19	c7	69	ILE	3.7
34	sR	117	LYS	3.7
30	D8	44	VAL	3.6
79	q3	2	ALA	3.6

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Mol	Chain	Res	Type	RSRZ
36	1	1820	U	3.6
36	5	1820	U	3.6
35	SM	87	THR	3.6
53	M7	182	ILE	3.6
13	c1	4	GLU	3.6
13	c1	117	VAL	3.6
18	C6	3	ALA	3.6
60	N4	72	SER	3.6
8	S6	149	LYS	3.6
1	6	1268	G	3.6
13	c1	42	PHE	3.6
18	c6	46	PHE	3.6
34	sR	294	TRP	3.6
60	n4	132	GLY	3.6
1	6	1702	A	3.6
1	2	1709	C	3.6
61	n5	23	ALA	3.6
33	E1	103	LEU	3.6
34	sR	72	THR	3.6
19	c7	105	GLN	3.6
34	sR	61	PHE	3.6
15	C3	2	GLY	3.6
36	1	2508	U	3.6
11	S9	6	ARG	3.6
14	c2	109	GLU	3.6
36	1	2874	G	3.6
36	5	3276	G	3.6
1	2	505	A	3.6
2	s0	170	ILE	3.6
20	C8	136	GLN	3.6
60	N4	73	ARG	3.6
13	C1	147	ALA	3.6
36	1	1568	U	3.6
36	5	246	U	3.6
1	2	713	A	3.5
1	2	1600	A	3.5
1	6	661	A	3.5
1	6	1756[A]	A	3.5
36	1	1242	G	3.5
36	5	491	C	3.5
10	s8	67	TRP	3.5
34	sR	119	ALA	3.5

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Mol	Chain	Res	Type	RSRZ
31	d9	16	LYS	3.5
34	sR	46	LYS	3.5
2	s0	176	LEU	3.5
14	C2	62	LEU	3.5
58	N2	89	LEU	3.5
1	2	504	U	3.5
32	e0	62	VAL	3.5
2	s0	19	ALA	3.5
5	s3	115	ILE	3.5
34	SR	136	ILE	3.5
36	1	2539	C	3.5
70	O4	20	ILE	3.5
34	sR	250	TYR	3.5
65	n9	27	TYR	3.5
9	s7	85	PHE	3.5
18	c6	132	LYS	3.5
34	SR	113	VAL	3.5
2	s0	17	LEU	3.5
19	c7	95	ARG	3.5
70	O4	16	ARG	3.5
75	O9	45	ARG	3.5
48	M1	96	PHE	3.5
1	2	1486	G	3.5
3	S1	178	GLY	3.5
14	c2	86	VAL	3.5
2	s0	14	ALA	3.5
9	s7	58	LEU	3.5
1	6	794	U	3.5
36	1	981	U	3.5
36	5	1569	U	3.5
20	C8	30	TYR	3.5
8	S6	41	VAL	3.5
14	c2	116	VAL	3.5
22	D0	81	THR	3.5
70	o4	68	THR	3.5
56	N0	2	ALA	3.5
59	n3	2	SER	3.5
15	C3	4	MET	3.5
36	1	3154	C	3.5
21	C9	44	GLU	3.4
21	C9	38	LYS	3.4
66	o0	32	LYS	3.4

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Mol	Chain	Res	Type	RSRZ
19	c7	110	VAL	3.4
49	M3	174	ARG	3.4
36	5	1581	C	3.4
60	n4	70	LYS	3.4
1	2	493	U	3.4
1	6	228	G	3.4
36	5	1356	U	3.4
36	5	2996	U	3.4
66	o0	67	VAL	3.4
81	p0	188	VAL	3.4
20	c8	15	LEU	3.4
34	sR	168	THR	3.4
60	n4	131	ALA	3.4
31	d9	27	HIS	3.4
19	c7	65	PRO	3.4
19	c7	122	ILE	3.4
21	C9	90	PRO	3.4
22	d0	66	SER	3.4
26	d4	69	SER	3.4
68	o2	16	LYS	3.4
1	2	1346	A	3.4
36	1	1571	A	3.4
31	d9	23	VAL	3.4
1	2	491	C	3.4
36	1	1232	C	3.4
56	n0	2	ALA	3.4
1	2	794	U	3.4
9	S7	105	THR	3.4
45	l8	45	ASN	3.4
58	N2	93	ILE	3.4
1	6	677	G	3.4
3	S1	97	LEU	3.4
14	c2	121	VAL	3.4
10	S8	167	ALA	3.4
1	6	225	A	3.4
7	S5	137	ILE	3.4
26	d4	128	LYS	3.4
33	e1	79	LYS	3.4
60	n4	69	LYS	3.4
1	6	717	C	3.4
1	2	494	U	3.4
8	s6	88	ARG	3.4

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Mol	Chain	Res	Type	RSRZ
19	C7	9	VAL	3.4
19	c7	11	ARG	3.4
46	L9	168	ARG	3.4
34	SR	62	LYS	3.4
2	s0	161	PRO	3.4
17	c5	125	PRO	3.4
33	E1	88	PRO	3.4
22	d0	121	ASN	3.3
36	5	1103	A	3.3
13	c1	115	PHE	3.3
1	2	721	U	3.3
1	6	710	U	3.3
8	S6	114	VAL	3.3
14	C2	88	LEU	3.3
36	5	1630	U	3.3
45	l8	121	SER	3.3
55	M9	72	GLU	3.3
51	M5	57	GLN	3.3
2	s0	205	ARG	3.3
31	D9	8	PHE	3.3
48	m1	108	GLU	3.3
52	M6	40	GLU	3.3
1	2	1371	A	3.3
1	6	1371	A	3.3
63	n7	52	LYS	3.3
5	S3	88	ALA	3.3
7	S5	190	ILE	3.3
36	1	1094	U	3.3
1	6	1711	C	3.3
36	1	1280	C	3.3
36	5	1031	C	3.3
11	S9	130	THR	3.3
25	D3	10	ASN	3.3
31	D9	6	VAL	3.3
49	m3	178	LYS	3.3
1	2	712	G	3.3
8	S6	1	MET	3.3
2	S0	44	GLY	3.3
9	S7	8	ILE	3.3
18	c6	29	ILE	3.3
19	c7	98	GLY	3.3
36	1	2995	A	3.3

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Mol	Chain	Res	Type	RSRZ
38	8	79	A	3.3
2	s0	23	HIS	3.3
45	l8	123	GLN	3.3
55	M9	5	ARG	3.3
60	n4	75	THR	3.3
1	2	726	C	3.3
6	S4	44	LEU	3.3
18	c6	138	PHE	3.3
33	e1	100	LEU	3.3
36	1	1017	C	3.3
36	1	1762	C	3.3
19	C7	97	ASN	3.3
21	C9	119	LYS	3.3
23	d1	35	ASN	3.3
3	S1	156	ALA	3.3
21	C9	116	ILE	3.3
42	L5	2	ALA	3.3
18	C6	136	SER	3.3
18	c6	142	TYR	3.3
19	c7	112	SER	3.3
1	2	1692	G	3.3
11	s9	130	THR	3.3
58	n2	100	THR	3.3
65	N9	54	LEU	3.3
4	s2	64	LYS	3.3
36	1	1025	A	3.3
36	5	1566	A	3.3
45	l8	246	MET	3.3
2	S0	144	ILE	3.3
31	d9	17	GLY	3.3
60	n4	62	GLY	3.3
70	O4	66	SER	3.2
3	S1	61	LEU	3.2
18	c6	44	LEU	3.2
32	E0	38	LEU	3.2
34	SR	81	LEU	3.2
61	n5	24	LEU	3.2
53	M7	163	LYS	3.2
13	C1	3	THR	3.2
22	D0	78	THR	3.2
7	S5	99	MET	3.2
56	n0	1	MET	3.2

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Mol	Chain	Res	Type	RSRZ
42	L5	7	ALA	3.2
81	p0	32	ASN	3.2
1	2	725	U	3.2
1	6	655	G	3.2
36	1	1278	A	3.2
36	5	1352	A	3.2
1	2	708	C	3.2
1	2	1700	C	3.2
36	1	1563	C	3.2
37	7	73	C	3.2
60	n4	77	LYS	3.2
4	S2	57	PHE	3.2
3	S1	92	GLN	3.2
14	c2	37	VAL	3.2
16	C4	80	HIS	3.2
19	c7	62	GLN	3.2
81	p0	84	VAL	3.2
10	S8	144	ALA	3.2
63	n7	124	ALA	3.2
10	s8	135	LYS	3.2
33	e1	90	LYS	3.2
1	6	1232	U	3.2
36	5	1764	U	3.2
18	C6	41	PRO	3.2
1	6	539	G	3.2
1	6	676	G	3.2
16	c4	125	SER	3.2
19	C7	110	VAL	3.2
53	M7	165	VAL	3.2
33	E1	95	HIS	3.2
1	2	233	C	3.2
19	c7	108	ASP	3.2
21	C9	35	ASP	3.2
34	SR	12	THR	3.2
34	SR	72	THR	3.2
36	5	1032	C	3.2
70	o4	16	ARG	3.2
12	C0	28	ASN	3.2
14	c2	62	LEU	3.2
18	c6	49	TYR	3.2
34	SR	206	PRO	3.2
6	s4	183	VAL	3.2

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Mol	Chain	Res	Type	RSRZ
1	6	1398	U	3.2
5	S3	179	GLN	3.2
8	S6	182	GLN	3.2
58	n2	97	SER	3.2
39	l2	247	ARG	3.2
10	S8	179	CYS	3.2
53	M7	2	ALA	3.2
6	s4	60	GLU	3.2
36	5	3154	C	3.2
14	c2	63	VAL	3.2
14	c2	120	VAL	3.2
52	m6	110	PRO	3.2
3	S1	204	ILE	3.2
5	S3	217	ILE	3.2
28	D6	44	ILE	3.2
47	m0	113	GLN	3.2
72	O6	56	ARG	3.2
7	s5	96	SER	3.2
54	M8	13	SER	3.2
4	S2	90	THR	3.2
34	sR	27	ALA	3.2
41	l4	62	ALA	3.2
70	O4	32	ALA	3.2
1	6	667	U	3.1
2	s0	190	ASP	3.1
5	S3	148	LYS	3.1
19	c7	111	LYS	3.1
36	1	2873	U	3.1
36	5	252	U	3.1
34	sR	251	TRP	3.1
67	o1	4	LEU	3.1
36	1	1259	A	3.1
36	1	3375	A	3.1
19	c7	97	ASN	3.1
2	s0	110	TYR	3.1
23	D1	36	VAL	3.1
47	m0	217	PHE	3.1
63	n7	74	VAL	3.1
1	2	1624	C	3.1
1	6	660	G	3.1
36	5	2579	G	3.1
8	S6	186	ARG	3.1

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Mol	Chain	Res	Type	RSRZ
17	c5	50	THR	3.1
24	d2	108	ALA	3.1
81	p0	200	SER	3.1
2	s0	3	LEU	3.1
8	S6	3	LEU	3.1
30	d8	24	GLY	3.1
60	N4	89	LEU	3.1
3	S1	29	TRP	3.1
1	6	240	U	3.1
36	5	245	U	3.1
11	S9	148	VAL	3.1
42	l5	55	PHE	3.1
63	n7	136	PHE	3.1
2	s0	152	PRO	3.1
9	S7	97	ARG	3.1
21	C9	91	TYR	3.1
42	l5	57	ASN	3.1
36	1	2872	A	3.1
18	C6	132	LYS	3.1
60	n4	63	ILE	3.1
2	s0	5	ALA	3.1
2	s0	145	ALA	3.1
1	2	1705	C	3.1
36	5	247	C	3.1
36	5	1232	C	3.1
34	sR	202	LEU	3.1
1	6	1233	G	3.1
1	6	1698	G	3.1
3	S1	63	GLY	3.1
36	1	1256	G	3.1
36	5	1246	G	3.1
27	D5	48	ASP	3.1
60	n4	67	VAL	3.1
34	SR	90	ARG	3.1
69	O3	48	ARG	3.1
17	c5	109	PRO	3.1
12	c0	79	TYR	3.1
1	2	231	U	3.1
11	s9	10	LYS	3.1
22	D0	20	ILE	3.1
36	1	3287	U	3.1
49	M3	129	ASN	3.1

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Mol	Chain	Res	Type	RSRZ
2	s0	187	ALA	3.1
3	S1	227	ALA	3.1
4	s2	87	GLN	3.1
18	C6	8	GLN	3.1
17	C5	50	THR	3.1
36	1	1274	A	3.1
7	s5	102	ARG	3.1
12	c0	84	GLU	3.1
14	c2	30	VAL	3.1
17	C5	126	VAL	3.1
39	L2	230	VAL	3.1
28	D6	20	PRO	3.1
29	D7	38	PRO	3.1
1	2	228	G	3.1
1	6	1228	G	3.1
36	5	442	G	3.1
65	n9	29	TYR	3.1
78	Q2	11	TYR	3.1
24	D2	80	ASN	3.1
26	d4	34	ASN	3.1
60	n4	121	ALA	3.1
1	2	657	U	3.1
1	6	238	U	3.1
2	s0	172	LEU	3.1
36	1	3275	U	3.1
8	S6	219	ARG	3.1
8	s6	177	ARG	3.1
19	C7	3	ARG	3.1
34	SR	102	ARG	3.1
28	D6	29	SER	3.1
53	M7	162	GLU	3.1
49	M3	98	ASP	3.1
27	D5	41	ILE	3.1
12	c0	65	TYR	3.1
1	6	731	C	3.0
36	1	1196	C	3.0
36	5	1239	C	3.0
12	c0	2	LEU	3.0
14	c2	118	ALA	3.0
16	C4	29	HIS	3.0
11	s9	3	ARG	3.0
25	D3	2	GLY	3.0

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Mol	Chain	Res	Type	RSRZ
36	1	3361	G	3.0
36	5	1261	G	3.0
36	5	1354	G	3.0
36	5	1576	G	3.0
60	n4	84	GLY	3.0
1	6	665	U	3.0
2	s0	29	VAL	3.0
26	d4	27	VAL	3.0
31	d9	8	PHE	3.0
42	l5	270	LYS	3.0
19	c7	96	SER	3.0
12	C0	41	TYR	3.0
58	N2	108	TYR	3.0
2	s0	188	LEU	3.0
9	s7	52	ALA	3.0
19	c7	26	LEU	3.0
60	n4	39	LEU	3.0
36	5	1027	A	3.0
36	5	1562	C	3.0
19	c7	99	VAL	3.0
25	D3	102	VAL	3.0
30	D8	15	VAL	3.0
33	E1	94	LYS	3.0
43	l6	20	LYS	3.0
12	c0	27	PHE	3.0
2	s0	34	GLU	3.0
50	m4	107	GLU	3.0
1	6	1708	U	3.0
19	C7	89	SER	3.0
36	1	1353	U	3.0
36	5	2875	U	3.0
36	1	3286	G	3.0
5	s3	59	LEU	3.0
54	m8	22	ASP	3.0
63	N7	5	LEU	3.0
6	s4	26	CYS	3.0
3	s1	202	LYS	3.0
6	S4	74	GLY	3.0
55	m9	68	GLN	3.0
60	N4	77	LYS	3.0
22	D0	51	VAL	3.0
30	D8	57	MET	3.0

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Mol	Chain	Res	Type	RSRZ
36	5	2772	C	3.0
43	l6	129	GLU	3.0
61	n5	63	ILE	3.0
2	s0	207	PRO	3.0
3	S1	206	PRO	3.0
2	s0	18	LEU	3.0
7	S5	198	LEU	3.0
10	s8	165	LEU	3.0
53	M7	161	ALA	3.0
60	n4	73	ARG	3.0
36	1	1235	U	3.0
36	5	492	U	3.0
36	5	1555	U	3.0
18	C6	74	HIS	3.0
8	s6	33	GLY	3.0
18	c6	11	GLY	3.0
47	m0	194	GLY	3.0
52	M6	80	PHE	3.0
5	S3	142	LEU	3.0
19	c7	87	GLU	3.0
45	l8	25	PRO	3.0
2	S0	187	ALA	3.0
34	SR	162	ALA	3.0
10	s8	117	TYR	3.0
2	s0	92	HIS	3.0
25	D3	4	GLY	3.0
31	d9	29	GLY	3.0
1	2	193	U	3.0
1	2	1314	U	3.0
36	1	3155	U	3.0
39	L2	253	GLN	3.0
6	S4	162	ILE	3.0
7	S5	27	THR	3.0
21	C9	45	MET	3.0
34	sR	121	MET	3.0
14	c2	97	LEU	2.9
19	c7	24	LEU	2.9
60	n4	71	ARG	2.9
1	6	1697	G	2.9
36	1	2714	G	2.9
36	5	2549	G	2.9
3	S1	141	ALA	2.9

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Mol	Chain	Res	Type	RSRZ
33	e1	81	LYS	2.9
33	e1	101	ALA	2.9
41	l4	346	LYS	2.9
70	O4	67	LYS	2.9
4	S2	164	SER	2.9
36	1	2207	A	2.9
2	s0	47	VAL	2.9
2	s0	158	VAL	2.9
11	s9	148	VAL	2.9
14	C2	107	ASP	2.9
14	C2	117	GLY	2.9
39	L2	201	GLY	2.9
3	S1	100	PHE	2.9
49	M3	102	GLN	2.9
36	1	1275	C	2.9
2	s0	64	ILE	2.9
16	C4	39	ILE	2.9
60	N4	49	ILE	2.9
1	6	664	U	2.9
3	s1	217	LEU	2.9
22	D0	67	THR	2.9
31	d9	28	THR	2.9
36	5	1348	U	2.9
69	O3	60	ARG	2.9
6	S4	134	LYS	2.9
34	sR	62	LYS	2.9
50	m4	8	LYS	2.9
34	SR	65	SER	2.9
41	l4	53	SER	2.9
48	m1	116	TYR	2.9
20	C8	38	VAL	2.9
55	M9	57	VAL	2.9
19	c7	114	GLY	2.9
63	n7	58	GLY	2.9
1	2	702	G	2.9
1	2	732	G	2.9
1	6	214	G	2.9
1	6	1696	G	2.9
36	5	1565	G	2.9
36	5	1953	G	2.9
48	m1	127	PHE	2.9
12	c0	1	MET	2.9

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Mol	Chain	Res	Type	RSRZ
46	L9	144	ILE	2.9
1	2	740	A	2.9
1	2	1160	A	2.9
22	D0	26	LEU	2.9
16	C4	26	THR	2.9
29	D7	70	LYS	2.9
65	N9	25	LYS	2.9
9	S7	12	ALA	2.9
18	c6	18	ALA	2.9
36	1	1228	C	2.9
60	N4	65	GLU	2.9
1	2	718	U	2.9
1	2	1414	U	2.9
1	2	1627	U	2.9
36	1	1095	U	2.9
36	1	1564	U	2.9
36	1	1764	U	2.9
33	e1	106	TYR	2.9
22	D0	120	SER	2.9
40	l3	245	GLY	2.9
11	S9	3	ARG	2.9
67	O1	14	ILE	2.9
16	c4	102	LEU	2.9
20	C8	17	LEU	2.9
41	l4	187	LEU	2.9
62	n6	120	GLN	2.9
33	e1	82	LYS	2.9
2	s0	192	THR	2.9
14	c2	23	THR	2.9
3	S1	60	ALA	2.9
5	s3	144	ALA	2.9
16	C4	40	ALA	2.9
22	d0	119	ALA	2.9
27	d5	86	GLU	2.9
57	N1	121	ALA	2.9
68	o2	127	ALA	2.9
36	5	980	A	2.9
41	l4	65	TRP	2.9
4	s2	63	VAL	2.9
1	6	1447	C	2.9
1	6	822	U	2.9
2	s0	82	GLY	2.9

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Mol	Chain	Res	Type	RSRZ
36	1	2771	U	2.9
36	5	1353	U	2.9
72	O6	28	TYR	2.9
9	s7	92	PHE	2.9
2	s0	9	LEU	2.9
2	s0	198	MET	2.9
26	D4	7	ILE	2.9
34	SR	121	MET	2.9
45	l8	32	LYS	2.9
45	l8	106	LYS	2.9
60	N4	69	LYS	2.9
19	C7	25	THR	2.9
61	N5	23	ALA	2.9
55	m9	22	VAL	2.9
60	n4	76	VAL	2.9
8	S6	154	ARG	2.9
1	2	1410	A	2.9
1	2	1701	A	2.9
2	S0	102	PHE	2.9
2	s0	44	GLY	2.9
7	s5	152	GLY	2.9
26	D4	71	GLY	2.9
31	d9	12	ARG	2.9
34	sR	79	TYR	2.9
1	6	1699	G	2.9
2	s0	160	ILE	2.9
7	S5	199	ILE	2.9
10	S8	152	ILE	2.9
10	s8	121	LEU	2.9
36	5	1236	G	2.9
50	M4	8	LYS	2.9
13	C1	2	SER	2.8
1	2	1205	C	2.8
18	C6	139	GLN	2.8
36	1	1279	C	2.8
13	C1	145	ALA	2.8
52	M6	185	ALA	2.8
60	n4	65	GLU	2.8
17	c5	5	VAL	2.8
33	e1	150	VAL	2.8
41	l4	199	TRP	2.8
2	s0	179	ARG	2.8

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Mol	Chain	Res	Type	RSRZ
2	s0	51	GLY	2.8
28	D6	19	LYS	2.8
28	d6	19	LYS	2.8
11	s9	140	ILE	2.8
14	c2	136	ILE	2.8
21	C9	79	LEU	2.8
27	d5	75	LEU	2.8
33	e1	103	LEU	2.8
49	m3	179	PHE	2.8
1	6	538	A	2.8
1	6	754	A	2.8
36	1	1580	A	2.8
1	2	836	U	2.8
1	2	1626	U	2.8
1	2	1698	G	2.8
1	6	1473	U	2.8
45	l8	127	PRO	2.8
33	e1	86	THR	2.8
24	d2	118	ARG	2.8
28	D6	86	VAL	2.8
35	SM	88	ARG	2.8
36	1	1255	C	2.8
40	l3	146	ARG	2.8
71	O5	96	GLU	2.8
14	C2	50	LYS	2.8
30	D8	43	ASN	2.8
60	N4	97	LYS	2.8
2	s0	184	LEU	2.8
14	c2	28	LEU	2.8
16	C4	87	GLY	2.8
18	C6	10	PHE	2.8
20	c8	17	LEU	2.8
72	O6	31	GLY	2.8
74	o8	11	PHE	2.8
70	o4	81	CYS	2.8
60	n4	79	GLN	2.8
34	sR	26	SER	2.8
35	SM	85	SER	2.8
55	m9	189	ALA	2.8
7	s5	129	PRO	2.8
17	C5	53	PRO	2.8
63	N7	50	PRO	2.8

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Mol	Chain	Res	Type	RSRZ
3	S1	185	THR	2.8
16	C4	79	VAL	2.8
6	S4	60	GLU	2.8
17	C5	14	THR	2.8
22	d0	70	THR	2.8
36	1	1026	A	2.8
36	1	3362	A	2.8
1	2	132	U	2.8
1	6	227	U	2.8
14	c2	41	LEU	2.8
24	D2	11	LEU	2.8
7	s5	130	ILE	2.8
17	c5	6	ASN	2.8
45	l8	222	PHE	2.8
1	2	1154	G	2.8
1	2	1155	G	2.8
2	s0	175	TYR	2.8
11	s9	8	TYR	2.8
2	s0	15	GLN	2.8
15	c3	62	GLN	2.8
18	c6	119	ALA	2.8
62	n6	26	GLN	2.8
13	c1	116	ARG	2.8
78	q2	18	ARG	2.8
11	s9	46	SER	2.8
12	C0	22	VAL	2.8
18	c6	5	PRO	2.8
18	c6	121	SER	2.8
19	C7	7	LYS	2.8
31	D9	26	SER	2.8
60	N4	74	LYS	2.8
3	S1	37	THR	2.8
4	S2	208	GLU	2.8
11	s9	93	LEU	2.8
14	c2	58	LEU	2.8
56	N0	128	GLU	2.8
8	S6	50	PHE	2.8
34	sR	123	ILE	2.8
6	s4	74	GLY	2.8
22	d0	54	GLY	2.8
21	c9	101	ASN	2.8
1	2	507	U	2.8

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Mol	Chain	Res	Type	RSRZ
1	6	232	U	2.8
1	6	666	U	2.8
1	6	673	A	2.8
1	6	1390	U	2.8
2	S0	110	TYR	2.8
36	1	1356	U	2.8
36	1	1763	U	2.8
36	1	2205	U	2.8
36	1	2971	A	2.8
36	5	3396	U	2.8
18	C6	68	ARG	2.8
1	2	704	C	2.8
1	2	1599	C	2.8
11	S9	16	LYS	2.8
16	C4	65	GLN	2.8
27	D5	94	LYS	2.8
2	s0	181	VAL	2.8
4	S2	86	VAL	2.8
9	S7	100	PRO	2.8
17	C5	76	VAL	2.8
26	d4	12	VAL	2.8
11	s9	76	LEU	2.8
14	C2	78	LEU	2.8
34	SR	32	LEU	2.8
11	s9	156	ILE	2.8
39	l2	16	PHE	2.7
45	l8	237	ILE	2.8
46	L9	134	ILE	2.8
4	S2	163	GLY	2.7
56	N0	74	ASN	2.7
11	s9	174	ARG	2.7
19	c7	67	ARG	2.7
33	E1	145	HIS	2.7
11	s9	65	LYS	2.7
14	c2	124	LYS	2.7
33	e1	96	LYS	2.7
1	2	820	U	2.7
1	2	1689	A	2.7
1	2	1712	A	2.7
1	6	679	U	2.7
2	S0	143	VAL	2.7
4	s2	89	GLN	2.7

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Mol	Chain	Res	Type	RSRZ
10	S8	81	VAL	2.7
13	c1	139	VAL	2.7
34	sR	206	PRO	2.7
34	SR	73	LEU	2.7
1	6	490	C	2.7
19	c7	89	SER	2.7
31	D9	9	SER	2.7
36	5	1759	C	2.7
61	n5	32	PHE	2.7
77	Q1	10	THR	2.7
39	l2	213	GLY	2.7
51	m5	58	GLY	2.7
36	1	1262	G	2.7
36	1	2442	G	2.7
42	L5	213	ASP	2.7
63	n7	65	ARG	2.7
4	S2	209	ASN	2.7
16	C4	20	TYR	2.7
21	C9	80	TYR	2.7
25	D3	123	LYS	2.7
33	e1	89	LYS	2.7
39	l2	194	ASN	2.7
41	l4	321	LYS	2.7
45	l8	63	LYS	2.7
54	m8	145	ASN	2.7
63	n7	55	LYS	2.7
3	S1	160	HIS	2.7
4	s2	94	GLN	2.7
14	c2	31	VAL	2.7
16	C4	30	VAL	2.7
6	s4	261	LEU	2.7
20	C8	101	LEU	2.7
31	d9	11	PRO	2.7
48	m1	8	PRO	2.7
60	n4	81	PRO	2.7
66	o0	56	LEU	2.7
14	c2	135	MET	2.7
36	5	3319	U	2.7
58	N2	28	PHE	2.7
45	l8	118	GLU	2.7
1	6	793	A	2.7
22	D0	66	SER	2.7

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Mol	Chain	Res	Type	RSRZ
23	d1	77	GLY	2.7
36	5	2971	A	2.7
73	O7	87	SER	2.7
34	SR	117	LYS	2.7
53	M7	164	LYS	2.7
1	2	131	C	2.7
1	2	658	C	2.7
1	6	1706	C	2.7
16	C4	124	ASP	2.7
36	1	439	C	2.7
36	1	1272	C	2.7
36	1	2548	C	2.7
36	5	3164	C	2.7
37	3	73	C	2.7
60	N4	88	ASP	2.7
31	d9	34	TYR	2.7
2	S0	40	ALA	2.7
11	S9	38	ASN	2.7
19	c7	88	VAL	2.7
34	SR	33	LEU	2.7
62	N6	111	LEU	2.7
1	2	1201	G	2.7
22	D0	71	PRO	2.7
27	d5	37	GLN	2.7
36	1	1229	G	2.7
36	1	3289	G	2.7
9	s7	49	ILE	2.7
10	s8	109	PHE	2.7
64	N8	82	ILE	2.7
51	m5	152	CYS	2.7
5	S3	135	GLU	2.7
6	S4	4	GLY	2.7
16	c4	131	GLY	2.7
35	SM	89	ARG	2.7
42	L5	161	GLY	2.7
19	c7	107	SER	2.7
1	2	73	U	2.7
1	6	74	U	2.7
1	6	178	U	2.7
1	6	675	U	2.7
2	s0	195	TRP	2.7
25	D3	5	LYS	2.7

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Mol	Chain	Res	Type	RSRZ
34	sR	161	LYS	2.7
35	sM	83	LYS	2.7
36	5	1351	U	2.7
1	6	506	A	2.7
1	6	1701	A	2.7
36	5	440	A	2.7
2	s0	61	ALA	2.7
14	c2	101	ALA	2.7
21	c9	55	TYR	2.7
34	SR	78	ALA	2.7
39	l2	222	ALA	2.7
2	s0	201	LEU	2.7
3	S1	54	LEU	2.7
16	C4	48	VAL	2.7
19	c7	9	VAL	2.7
27	D5	65	LEU	2.7
33	E1	150	VAL	2.7
34	sR	157	VAL	2.7
1	6	674	C	2.7
1	6	1700	C	2.7
31	d9	38	ILE	2.7
48	M1	131	MET	2.7
11	s9	171	ARG	2.7
14	c2	43	ARG	2.7
14	c2	46	ARG	2.7
21	C9	86	ARG	2.7
35	SM	68	ARG	2.7
18	c6	72	GLY	2.7
30	D8	45	LYS	2.7
39	l2	143	GLU	2.7
71	o5	102	GLU	2.7
3	S1	201	THR	2.7
51	m5	196	THR	2.7
58	N2	100	THR	2.7
1	6	1474	G	2.7
14	c2	100	TRP	2.7
36	1	76	G	2.7
36	1	1230	G	2.7
36	5	1812	G	2.7
1	2	1688	U	2.7
1	6	1710	U	2.7
4	s2	165	VAL	2.7

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Mol	Chain	Res	Type	RSRZ
14	c2	91	VAL	2.7
14	c2	133	LEU	2.7
20	c8	3	LEU	2.7
32	E0	50	VAL	2.7
34	sR	154	VAL	2.7
38	4	81	U	2.7
38	8	82	U	2.7
40	L3	387	LEU	2.7
47	M0	200	LEU	2.7
66	O0	51	LEU	2.7
2	S0	32	HIS	2.7
2	s0	206	ASP	2.7
7	s5	145	ASP	2.7
60	N4	59	HIS	2.7
45	l8	240	ASN	2.7
1	2	887	A	2.6
14	c2	106	ILE	2.6
32	E0	60	PRO	2.6
2	s0	7	PHE	2.6
2	s0	203	PHE	2.6
10	S8	92	ARG	2.6
18	C6	109	PHE	2.6
36	5	2439	A	2.6
39	l2	190	ARG	2.6
57	N1	19	PHE	2.6
63	n7	4	PHE	2.6
63	n7	17	ARG	2.6
49	M3	131	LYS	2.6
1	2	1355	C	2.6
1	6	136	C	2.6
2	s0	147	THR	2.6
18	C6	115	THR	2.6
2	s0	174	TRP	2.6
2	S0	31	VAL	2.6
5	s3	86	LEU	2.6
7	S5	97	LEU	2.6
7	s5	183	ALA	2.6
14	C2	115	VAL	2.6
21	C9	5	SER	2.6
34	sR	205	SER	2.6
66	O0	95	ALA	2.6
2	s0	46	HIS	2.6

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Mol	Chain	Res	Type	RSRZ
1	2	175	G	2.6
1	2	540	G	2.6
1	6	1051	G	2.6
36	1	1264	G	2.6
36	1	1576	G	2.6
1	2	137	U	2.6
2	s0	49	ASN	2.6
3	S1	85	LYS	2.6
11	S9	142	ASN	2.6
34	SR	308	ASN	2.6
36	1	1572	U	2.6
36	1	3374	U	2.6
41	l4	320	ASN	2.6
76	Q0	119	ASN	2.6
1	2	135	A	2.6
1	2	1694	A	2.6
5	s3	128	GLU	2.6
54	m8	95	GLU	2.6
69	o3	3	GLU	2.6
19	C7	8	THR	2.6
3	S1	120	LEU	2.6
3	S1	225	VAL	2.6
5	s3	145	ALA	2.6
9	s7	77	LEU	2.6
10	S8	147	ALA	2.6
16	C4	33	LEU	2.6
16	C4	81	VAL	2.6
19	c7	16	LEU	2.6
20	C8	66	LEU	2.6
41	L4	106	TRP	2.6
34	SR	6	VAL	2.6
42	L5	131	LEU	2.6
62	n6	18	ALA	2.6
63	n7	53	VAL	2.6
68	O2	2	ALA	2.6
1	2	239	C	2.6
16	C4	125	SER	2.6
20	C8	43	SER	2.6
48	m1	41	SER	2.6
4	s2	59	HIS	2.6
6	s4	54	TYR	2.6
7	S5	41	LYS	2.6

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Mol	Chain	Res	Type	RSRZ
13	c1	70	ILE	2.6
15	c3	5	HIS	2.6
23	D1	53	TYR	2.6
39	l2	15	ILE	2.6
25	D3	107	PHE	2.6
81	p0	197	PHE	2.6
19	c7	42	GLN	2.6
35	SM	16	ASP	2.6
1	2	681	U	2.6
36	1	3156	U	2.6
1	2	488	G	2.6
1	6	1464	G	2.6
1	6	1601	G	2.6
3	s1	52	THR	2.6
3	s1	54	LEU	2.6
14	c2	32	LEU	2.6
34	SR	23	LEU	2.6
48	M1	12	LEU	2.6
11	s9	159	ALA	2.6
12	c0	22	VAL	2.6
20	C8	83	ALA	2.6
51	M5	165	THR	2.6
58	n2	14	THR	2.6
60	n4	111	ALA	2.6
64	n8	149	ALA	2.6
46	L9	165	CYS	2.6
1	2	538	A	2.6
1	6	254	A	2.6
9	S7	115	SER	2.6
9	s7	125	ILE	2.6
10	S8	17	LYS	2.6
24	D2	82	LYS	2.6
35	SM	84	LYS	2.6
36	1	1244	A	2.6
36	5	1093	A	2.6
39	l2	251	LYS	2.6
63	n7	61	LYS	2.6
67	o1	31	ARG	2.6
16	C4	11	SER	2.6
72	o6	27	SER	2.6
9	S7	4	PRO	2.6
11	s9	67	PRO	2.6

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Mol	Chain	Res	Type	RSRZ
19	c7	28	PHE	2.6
47	M0	217	PHE	2.6
58	N2	95	PHE	2.6
60	N4	81	PRO	2.6
1	2	696	C	2.6
1	6	321	C	2.6
36	1	1201	C	2.6
36	1	1574	C	2.6
19	c7	101	ASN	2.6
4	s2	61	LEU	2.6
24	D2	18	GLU	2.6
26	d4	125	LEU	2.6
30	D8	16	LEU	2.6
58	n2	79	LEU	2.6
2	S0	158	VAL	2.6
13	c1	114	ALA	2.6
13	c1	146	ALA	2.6
21	C9	114	VAL	2.6
34	SR	94	VAL	2.6
1	2	1362	U	2.6
16	C4	77	THR	2.6
45	l8	125	ALA	2.6
52	M6	169	ALA	2.6
36	5	1815	U	2.6
52	m6	184	THR	2.6
60	n4	68	ALA	2.6
63	n7	2	ALA	2.6
6	S4	22	LYS	2.6
8	S6	171	LYS	2.6
10	s8	200	LYS	2.6
17	c5	8	LYS	2.6
22	d0	64	LYS	2.6
33	E1	92	LYS	2.6
7	S5	211	ILE	2.6
8	S6	52	ILE	2.6
8	S6	226	ILE	2.6
46	L9	164	ILE	2.6
1	6	1050	G	2.6
2	s0	199	PRO	2.6
14	c2	119	SER	2.6
15	C3	12	SER	2.6
28	D6	17	HIS	2.6

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Mol	Chain	Res	Type	RSRZ
36	1	1565	G	2.6
36	5	251	G	2.6
36	5	1024	G	2.6
48	m1	102	PHE	2.6
63	n7	57	HIS	2.6
1	6	1344	A	2.6
34	SR	69	GLN	2.6
73	o7	79	GLN	2.6
7	S5	75	GLY	2.6
19	c7	2	GLY	2.6
7	S5	104	ASN	2.6
14	C2	111	ASN	2.6
22	d0	92	ASP	2.6
55	m9	27	ASN	2.6
81	p0	203	ASP	2.6
18	C6	117	LEU	2.6
34	sR	252	LEU	2.6
55	m9	4	LEU	2.6
60	n4	109	LEU	2.6
1	2	937	C	2.6
66	o0	55	GLU	2.6
5	s3	175	VAL	2.6
3	S1	151	LYS	2.6
6	s4	2	ALA	2.6
6	s4	59	ARG	2.6
6	s4	208	VAL	2.6
7	S5	70	VAL	2.6
10	S8	200	LYS	2.6
14	c2	128	ALA	2.6
21	c9	37	VAL	2.6
45	l8	113	ALA	2.6
51	M5	135	VAL	2.6
81	p0	210	VAL	2.6
27	d5	97	LYS	2.6
4	s2	96	THR	2.6
19	c7	106	THR	2.6
15	C3	66	ILE	2.5
26	d4	13	ILE	2.5
34	SR	310	ILE	2.5
35	SM	25	ILE	2.5
9	s7	24	PHE	2.5
19	C7	71	PHE	2.5

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Mol	Chain	Res	Type	RSRZ
7	S5	209	TYR	2.5
12	c0	64	TYR	2.5
34	sR	64	HIS	2.5
48	M1	167	TYR	2.5
4	S2	85	PRO	2.5
34	SR	3	SER	2.5
26	D4	120	GLY	2.5
7	S5	93	LEU	2.5
11	S9	128	LEU	2.5
14	c2	103	LEU	2.5
34	sR	32	LEU	2.5
55	M9	4	LEU	2.5
1	2	1713	G	2.5
1	6	1265	G	2.5
2	s0	191	ARG	2.5
20	C8	40	ARG	2.5
2	s0	180	GLU	2.5
4	s2	84	LYS	2.5
22	D0	94	GLU	2.5
36	1	1029	G	2.5
36	5	1434	G	2.5
36	5	1560	G	2.5
36	5	3288	G	2.5
48	M1	11	ASP	2.5
60	n4	115	LYS	2.5
61	n5	33	ARG	2.5
63	n7	64	LYS	2.5
65	n9	6	ASN	2.5
17	c5	7	ALA	2.5
34	sR	303	ALA	2.5
36	1	3163	A	2.5
60	N4	85	ALA	2.5
63	n7	59	ALA	2.5
2	s0	22	THR	2.5
14	c2	49	THR	2.5
22	D0	27	THR	2.5
24	d2	83	ILE	2.5
1	2	136	C	2.5
36	5	1951	C	2.5
7	s5	164	PRO	2.5
9	s7	63	PRO	2.5
15	C3	23	PRO	2.5

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Mol	Chain	Res	Type	RSRZ
16	C4	57	PRO	2.5
17	C5	79	HIS	2.5
18	c6	41	PRO	2.5
54	m8	15	HIS	2.5
3	S1	146	GLN	2.5
5	s3	176	LEU	2.5
29	D7	51	GLN	2.5
30	D8	46	GLY	2.5
45	l8	126	SER	2.5
36	1	2506	U	2.5
36	5	3155	U	2.5
67	O1	4	LEU	2.5
6	s4	6	LYS	2.5
33	e1	97	LYS	2.5
33	e1	143	LYS	2.5
41	l4	104	LYS	2.5
45	l8	215	VAL	2.5
48	M1	71	VAL	2.5
63	n7	75	VAL	2.5
3	S1	95	ASN	2.5
5	S3	149	ALA	2.5
21	c9	17	ALA	2.5
34	SR	80	ALA	2.5
42	L5	189	GLU	2.5
44	l7	28	ALA	2.5
60	n4	50	ALA	2.5
72	O6	59	ASP	2.5
2	s0	98	ILE	2.5
8	S6	158	ILE	2.5
13	c1	47	THR	2.5
31	D9	7	TRP	2.5
34	sR	317	THR	2.5
51	M5	191	TRP	2.5
2	S0	7	PHE	2.5
5	s3	25	PHE	2.5
1	6	145	A	2.5
1	6	1236	A	2.5
36	1	2535	A	2.5
1	6	487	G	2.5
36	1	547	G	2.5
36	5	2440	G	2.5
25	d3	18	HIS	2.5

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Mol	Chain	Res	Type	RSRZ
2	s0	16	LEU	2.5
4	S2	187	LEU	2.5
9	S7	34	LEU	2.5
1	2	176	C	2.5
1	2	237	C	2.5
10	S8	37	LYS	2.5
12	c0	76	LEU	2.5
18	C6	13	LYS	2.5
42	l5	293	LEU	2.5
55	M9	181	ARG	2.5
61	N5	82	LEU	2.5
27	d5	73	GLY	2.5
36	1	765	C	2.5
36	5	1578	C	2.5
5	s3	160	SER	2.5
9	S7	42	GLN	2.5
34	sR	44	SER	2.5
50	M4	5	SER	2.5
68	o2	52	GLN	2.5
81	p0	34	SER	2.5
16	C4	74	VAL	2.5
16	c4	28	VAL	2.5
21	C9	71	VAL	2.5
3	S1	147	ALA	2.5
7	S5	74	ALA	2.5
13	c1	147	ALA	2.5
34	sR	2	ALA	2.5
1	2	241	U	2.5
1	6	1535	U	2.5
4	S2	55	GLU	2.5
36	1	3319	U	2.5
15	C3	108	ASP	2.5
18	C6	36	ILE	2.5
20	C8	35	ILE	2.5
25	D3	27	ASN	2.5
28	D6	11	ASN	2.5
67	o1	6	ASP	2.5
74	o8	8	ILE	2.5
18	c6	17	THR	2.5
42	L5	56	THR	2.5
34	sR	247	PRO	2.5
64	N8	50	PRO	2.5

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Mol	Chain	Res	Type	RSRZ
81	p0	78	PRO	2.5
9	S7	126	LEU	2.5
12	C0	40	LEU	2.5
18	C6	135	ARG	2.5
18	c6	89	LEU	2.5
28	D6	4	LYS	2.5
32	E0	39	LEU	2.5
40	l3	178	LEU	2.5
1	6	1346	A	2.5
36	1	1093	A	2.5
9	s7	90	VAL	2.5
70	o4	33	GLN	2.5
1	2	235	G	2.5
1	2	503	G	2.5
1	2	875	G	2.5
10	s8	19	ALA	2.5
17	C5	54	ALA	2.5
21	C9	58	ALA	2.5
26	d4	134	ALA	2.5
31	d9	9	SER	2.5
36	5	236	G	2.5
36	5	243	G	2.5
52	M6	83	ALA	2.5
6	S4	147	ILE	2.5
6	S4	248	ILE	2.5
11	s9	64	GLU	2.5
13	C1	54	ILE	2.5
38	8	83	C	2.5
58	n2	44	GLU	2.5
28	D6	33	ASP	2.5
34	SR	186	PHE	2.5
68	o2	23	ASP	2.5
1	6	836	U	2.5
36	1	252	U	2.5
58	n2	98	THR	2.5
70	O4	56	THR	2.5
12	C0	5	LYS	2.5
23	d1	5	LYS	2.5
25	D3	114	LYS	2.5
6	s4	9	LEU	2.5
33	e1	138	ARG	2.5
35	SM	22	PRO	2.5

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Mol	Chain	Res	Type	RSRZ
68	o2	128	LEU	2.5
12	C0	64	TYR	2.5
42	l5	272	TYR	2.5
68	o2	26	HIS	2.5
58	N2	45	GLY	2.5
22	d0	118	VAL	2.5
15	c3	15	ALA	2.4
42	L5	291	ALA	2.4
47	m0	219	ALA	2.4
60	N4	78	ALA	2.4
14	C2	71	ILE	2.4
18	C6	121	SER	2.4
18	c6	81	ILE	2.4
20	C8	47	CYS	2.4
51	M5	142	ILE	2.4
81	p0	199	SER	2.4
1	2	1693	A	2.4
23	d1	42	GLU	2.4
36	5	1025	A	2.4
36	5	1091	A	2.4
42	l5	263	GLU	2.4
2	s0	101	ARG	2.4
3	S1	31	ASP	2.4
8	S6	4	ASN	2.4
22	D0	121	ASN	2.4
25	D3	89	ASN	2.4
47	M0	209	ASN	2.4
60	n4	35	LYS	2.4
71	o5	25	LYS	2.4
1	2	230	C	2.4
1	2	361	C	2.4
1	2	697	C	2.4
1	2	723	G	2.4
1	2	724	C	2.4
1	2	837	G	2.4
1	6	1201	G	2.4
1	6	1399	C	2.4
1	6	1695	G	2.4
14	c2	74	LEU	2.4
36	1	1562	C	2.4
36	1	1670	C	2.4
36	1	2566	C	2.4

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Mol	Chain	Res	Type	RSRZ
36	5	439	C	2.4
2	s0	142	PRO	2.4
22	D0	55	PRO	2.4
1	2	75	U	2.4
1	2	240	U	2.4
1	6	242	U	2.4
2	s0	36	TYR	2.4
36	1	1241	U	2.4
3	s1	53	GLY	2.4
14	c2	98	GLY	2.4
16	C4	42	VAL	2.4
33	e1	84	VAL	2.4
34	sR	104	VAL	2.4
55	M9	177	VAL	2.4
4	s2	199	GLN	2.4
35	sM	60	ALA	2.4
51	m5	146	ALA	2.4
53	m7	156	ALA	2.4
3	S1	32	ILE	2.4
18	C6	29	ILE	2.4
10	s8	170	SER	2.4
70	o4	110	GLU	2.4
13	c1	29	LYS	2.4
22	D0	21	LYS	2.4
41	l4	315	LYS	2.4
42	L5	185	PHE	2.4
14	c2	33	ARG	2.4
19	C7	5	ARG	2.4
43	l6	128	LYS	2.4
13	c1	5	LEU	2.4
22	D0	93	LEU	2.4
24	D2	104	LEU	2.4
48	m1	19	LEU	2.4
1	6	579	A	2.4
1	6	684	A	2.4
7	s5	94	THR	2.4
19	c7	27	ASP	2.4
19	c7	54	THR	2.4
36	5	3347	A	2.4
40	L3	104	THR	2.4
74	O8	28	ASN	2.4
36	1	1027	A	2.4

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Mol	Chain	Res	Type	RSRZ
36	1	2100	A	2.4
10	s8	122	GLY	2.4
11	S9	172	VAL	2.4
11	s9	95	TYR	2.4
23	d1	29	HIS	2.4
26	d4	25	VAL	2.4
27	D5	62	VAL	2.4
28	d6	18	VAL	2.4
45	l8	180	VAL	2.4
70	O4	53	GLY	2.4
1	2	1618	C	2.4
1	6	1207	C	2.4
26	D4	4	ALA	2.4
30	D8	53	ILE	2.4
36	1	1556	C	2.4
64	N8	149	ALA	2.4
1	2	908	U	2.4
1	2	1354	G	2.4
1	6	320	U	2.4
1	6	1330	G	2.4
36	1	1953	G	2.4
36	5	184	U	2.4
36	5	3158	G	2.4
60	n4	134	GLN	2.4
74	O8	27	ILE	2.4
12	c0	44	LYS	2.4
14	C2	105	LYS	2.4
14	c2	95	LYS	2.4
2	s0	38	PHE	2.4
2	s0	62	ARG	2.4
18	C6	114	ARG	2.4
22	D0	77	LYS	2.4
42	l5	27	LYS	2.4
55	M9	52	LYS	2.4
72	O6	68	ARG	2.4
5	s3	182	LEU	2.4
18	c6	52	LEU	2.4
25	D3	33	LEU	2.4
42	l5	62	CYS	2.4
58	n2	76	LEU	2.4
4	s2	236	PRO	2.4
5	s3	172	THR	2.4

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Mol	Chain	Res	Type	RSRZ
7	S5	94	THR	2.4
17	C5	125	PRO	2.4
18	C6	17	THR	2.4
19	c7	31	ASN	2.4
20	C8	138	THR	2.4
22	d0	55	PRO	2.4
34	SR	4	ASN	2.4
34	sR	25	THR	2.4
60	n4	51	TRP	2.4
61	n5	37	THR	2.4
3	S1	68	VAL	2.4
3	s1	225	VAL	2.4
19	c7	85	VAL	2.4
28	d6	45	VAL	2.4
30	D8	7	VAL	2.4
45	l8	227	ASP	2.4
57	n1	126	VAL	2.4
63	n7	12	VAL	2.4
5	S3	87	TYR	2.4
11	S9	8	TYR	2.4
25	d3	2	GLY	2.4
33	E1	129	GLY	2.4
81	p0	212	HIS	2.4
13	c1	145	ALA	2.4
14	c2	92	ALA	2.4
1	2	1227	A	2.4
1	6	829	A	2.4
18	c6	118	ILE	2.4
19	c7	15	ALA	2.4
21	C9	11	ALA	2.4
27	d5	71	ILE	2.4
33	e1	110	ALA	2.4
73	o7	83	ALA	2.4
24	D2	60	LYS	2.4
27	d5	46	LYS	2.4
45	l8	192	GLN	2.4
55	M9	170	ARG	2.4
55	m9	186	LYS	2.4
61	n5	36	LYS	2.4
77	Q1	1	MET	2.4
8	S6	156	PHE	2.4
1	2	133	U	2.4

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Mol	Chain	Res	Type	RSRZ
1	2	912	U	2.4
1	2	1361	U	2.4
2	S0	24	LEU	2.4
14	c2	88	LEU	2.4
24	d2	38	LEU	2.4
32	e0	49	LEU	2.4
33	e1	117	LEU	2.4
36	5	3270	U	2.4
36	5	3278	C	2.4
58	n2	105	LEU	2.4
50	m4	2	SER	2.4
1	2	1521	G	2.4
18	C6	51	PRO	2.4
20	c8	84	TRP	2.4
34	SR	68	VAL	2.4
49	m3	133	PRO	2.4
81	p0	186	THR	2.4
8	s6	140	ASN	2.4
12	c0	28	ASN	2.4
2	s0	168	HIS	2.4
7	S5	151	GLY	2.4
26	d4	67	GLY	2.4
45	l8	252	ASN	2.4
27	D5	82	HIS	2.4
21	c9	91	TYR	2.4
34	sR	163	ASP	2.4
62	n6	11	ASP	2.4
68	o2	6	HIS	2.4
11	S9	178	ALA	2.4
14	c2	79	ALA	2.4
35	SM	90	ALA	2.4
45	l8	49	TYR	2.4
48	M1	98	ALA	2.4
49	M3	87	ALA	2.4
14	c2	114	LYS	2.4
21	c9	92	LYS	2.4
29	D7	22	LYS	2.4
31	D9	16	LYS	2.4
77	q1	25	LYS	2.4
9	s7	22	GLN	2.4
3	S1	205	PHE	2.4
2	s0	59	LEU	2.4

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Mol	Chain	Res	Type	RSRZ
42	l5	236	LEU	2.4
63	n7	80	LEU	2.4
36	5	1026	A	2.4
56	N0	130	GLU	2.4
15	C3	14	SER	2.4
1	2	232	U	2.4
1	2	278	U	2.4
1	2	719	U	2.4
1	2	830	U	2.4
1	2	1617	U	2.4
1	6	1704	U	2.4
2	s0	156	VAL	2.4
8	S6	135	PRO	2.4
9	s7	186	PRO	2.4
14	c2	82	PRO	2.4
20	c8	4	VAL	2.4
20	c8	22	VAL	2.4
26	D4	30	PRO	2.4
27	d5	40	VAL	2.4
31	D9	23	VAL	2.4
33	E1	147	VAL	2.4
36	1	1247	U	2.4
1	2	495	C	2.3
1	6	491	C	2.3
4	s2	166	THR	2.3
18	C6	70	THR	2.3
19	C7	6	THR	2.3
36	1	247	C	2.3
36	5	174	C	2.3
21	C9	82	GLY	2.3
27	d5	87	GLY	2.3
2	s0	27	ARG	2.3
10	S8	148	ALA	2.3
10	S8	150	ALA	2.3
13	C1	46	LYS	2.3
15	c3	9	LYS	2.3
15	c3	69	ASN	2.3
16	C4	76	ILE	2.3
18	C6	20	ALA	2.3
20	C8	122	HIS	2.3
23	D1	35	ASN	2.3
45	L8	160	ILE	2.3

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Mol	Chain	Res	Type	RSRZ
49	m3	195	ALA	2.3
59	N3	4	ASN	2.3
2	s0	43	ASP	2.3
4	s2	97	ARG	2.3
60	n4	82	ILE	2.3
68	o2	2	ALA	2.3
70	o4	2	ALA	2.3
11	s9	66	ASP	2.3
5	s3	150	MET	2.3
1	2	954	G	2.3
1	2	1200	G	2.3
1	2	1297	G	2.3
36	5	3289	G	2.3
8	S6	176	GLN	2.3
11	s9	146	PHE	2.3
12	C0	27	PHE	2.3
29	D7	33	LEU	2.3
34	SR	292	LEU	2.3
48	M1	127	PHE	2.3
8	s6	166	GLU	2.3
60	n4	119	GLU	2.3
2	s0	37	VAL	2.3
14	c2	22	VAL	2.3
21	C9	6	VAL	2.3
49	m3	97	VAL	2.3
3	S1	35	PRO	2.3
19	C7	96	SER	2.3
19	c7	13	SER	2.3
22	D0	76	SER	2.3
22	d0	71	PRO	2.3
33	e1	104	SER	2.3
4	S2	84	LYS	2.3
6	s4	22	LYS	2.3
9	S7	101	LYS	2.3
34	SR	45	TRP	2.3
2	S0	141	ILE	2.3
9	s7	14	THR	2.3
18	C6	72	GLY	2.3
32	E0	48	THR	2.3
35	SM	103	LYS	2.3
39	l2	68	LYS	2.3
48	M1	79	ILE	2.3

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Mol	Chain	Res	Type	RSRZ
48	M1	159	THR	2.3
64	n8	114	GLY	2.3
2	s0	159	ALA	2.3
3	S1	161	ILE	2.3
71	o5	105	ARG	2.3
11	s9	167	ALA	2.3
20	C8	58	ALA	2.3
55	m9	183	ALA	2.3
1	2	705	U	2.3
1	2	1269	U	2.3
1	2	1310	U	2.3
1	2	1595	U	2.3
1	2	1710	U	2.3
1	6	680	U	2.3
1	6	1340	U	2.3
17	C5	123	TYR	2.3
36	5	441	U	2.3
36	5	3287	U	2.3
38	4	158	U	2.3
1	6	696	C	2.3
1	6	1703	C	2.3
1	6	1709	C	2.3
16	C4	66	ASP	2.3
2	s0	107	PHE	2.3
6	S4	261	LEU	2.3
36	5	233	C	2.3
8	s6	65	GLN	2.3
10	s8	103	GLN	2.3
11	S9	104	PHE	2.3
14	c2	140	PHE	2.3
48	M1	17	LEU	2.3
27	D5	98	GLN	2.3
47	M0	113	GLN	2.3
70	O4	7	PHE	2.3
8	S6	222	GLU	2.3
14	c2	56	GLU	2.3
14	c2	76	GLU	2.3
1	2	486	G	2.3
1	2	729	G	2.3
1	2	1288	G	2.3
1	2	1690	G	2.3
14	c2	61	VAL	2.3

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Mol	Chain	Res	Type	RSRZ
26	D4	129	VAL	2.3
36	1	1233	G	2.3
36	1	1751	G	2.3
13	c1	24	LYS	2.3
33	e1	94	LYS	2.3
45	l8	122	LYS	2.3
60	N4	70	LYS	2.3
71	o5	107	LYS	2.3
17	C5	75	PRO	2.3
2	s0	77	SER	2.3
7	S5	89	ILE	2.3
16	c4	97	GLY	2.3
2	s0	124	THR	2.3
4	S2	96	THR	2.3
7	S5	207	THR	2.3
16	c4	123	SER	2.3
19	C7	52	GLY	2.3
21	C9	117	SER	2.3
26	d4	2	SER	2.3
26	d4	71	GLY	2.3
72	o6	31	GLY	2.3
8	s6	168	THR	2.3
14	c2	53	THR	2.3
17	C5	39	ALA	2.3
27	D5	36	ALA	2.3
34	sR	214	ALA	2.3
41	l4	200	THR	2.3
60	n4	64	THR	2.3
75	O9	2	ALA	2.3
12	C0	1	MET	2.3
20	C8	73	MET	2.3
32	e0	56	MET	2.3
21	C9	18	TYR	2.3
33	e1	144	CYS	2.3
52	M6	135	TYR	2.3
63	n7	18	TYR	2.3
2	S0	18	LEU	2.3
3	S1	217	LEU	2.3
6	S4	101	LEU	2.3
10	S8	96	LEU	2.3
29	d7	24	LEU	2.3
34	sR	144	LEU	2.3

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Mol	Chain	Res	Type	RSRZ
1	2	1391	A	2.3
1	6	1469	A	2.3
26	D4	119	PHE	2.3
36	5	1816	A	2.3
1	2	192	U	2.3
36	1	1567	U	2.3
36	1	2505	U	2.3
36	5	1570	U	2.3
36	5	2537	U	2.3
45	l8	112	GLU	2.3
60	n4	66	GLU	2.3
1	2	321	C	2.3
3	S1	88	VAL	2.3
5	S3	41	VAL	2.3
9	S7	73	VAL	2.3
10	S8	82	VAL	2.3
19	c7	81	LYS	2.3
22	d0	100	VAL	2.3
26	D4	24	VAL	2.3
36	5	1644	C	2.3
48	m1	18	VAL	2.3
81	p0	105	VAL	2.3
53	M7	181	ARG	2.3
13	c1	54	ILE	2.3
35	sM	44	PRO	2.3
32	e0	32	GLY	2.3
40	L3	245	GLY	2.3
18	C6	119	ALA	2.3
20	c8	58	ALA	2.3
34	SR	180	ALA	2.3
67	o1	40	ALA	2.3
72	o6	32	ALA	2.3
14	c2	64	SER	2.3
22	d0	81	THR	2.3
33	e1	87	THR	2.3
48	M1	147	THR	2.3
14	c2	36	LEU	2.3
19	c7	109	LEU	2.3
20	c8	32	LEU	2.3
22	d0	58	LEU	2.3
39	l2	19	HIS	2.3
46	L9	161	LEU	2.3

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Mol	Chain	Res	Type	RSRZ
55	m9	185	LEU	2.3
1	6	823	G	2.3
3	S1	155	TYR	2.3
36	5	234	G	2.3
36	5	443	G	2.3
36	5	1952	G	2.3
51	M5	148	TYR	2.3
26	D4	34	ASN	2.3
12	c0	47	GLN	2.3
42	L5	151	GLN	2.3
12	c0	5	LYS	2.3
13	c1	43	LYS	2.3
22	d0	69	LYS	2.3
1	2	793	A	2.3
1	2	992	A	2.3
1	2	1592	A	2.3
1	6	1516	A	2.3
2	s0	45	VAL	2.3
2	s0	58	VAL	2.3
3	S1	192	VAL	2.3
11	S9	64	GLU	2.3
18	c6	68	ARG	2.3
30	D8	55	VAL	2.3
34	sR	160	GLU	2.3
36	1	1273	A	2.3
74	o8	3	ARG	2.3
1	6	132	U	2.3
36	1	1015	U	2.3
36	5	316	U	2.3
36	5	2873	U	2.3
36	5	3282	U	2.3
3	s1	204	ILE	2.3
55	M9	50	ILE	2.3
68	o2	9	ILE	2.3
14	c2	102	GLY	2.3
15	c3	10	GLY	2.3
30	D8	17	GLY	2.3
35	SM	9	GLY	2.3
1	2	1207	C	2.3
36	1	1951	C	2.3
36	1	3067	C	2.3
36	5	2098	C	2.3

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Mol	Chain	Res	Type	RSRZ
2	S0	23	HIS	2.3
2	s0	112	THR	2.3
16	C4	86	THR	2.3
16	c4	38	THR	2.3
18	C6	53	LEU	2.3
19	C7	46	LEU	2.3
21	c9	76	LEU	2.3
22	D0	104	THR	2.3
63	n7	51	LEU	2.3
60	n4	59	HIS	2.3
63	n7	86	THR	2.3
3	S1	223	PHE	2.3
26	D4	2	SER	2.3
46	L9	45	PHE	2.3
60	N4	34	SER	2.3
23	d1	12	TYR	2.3
2	s0	39	ASN	2.3
16	C4	92	LYS	2.3
20	c8	90	ASN	2.3
2	S0	113	ARG	2.3
6	S4	145	ARG	2.3
9	S7	108	GLN	2.3
10	s8	20	GLN	2.3
11	S9	171	ARG	2.3
12	C0	62	GLN	2.3
12	c0	13	GLN	2.3
24	d2	119	LYS	2.3
39	L2	251	LYS	2.3
51	M5	138	GLN	2.3
51	M5	140	LYS	2.3
60	n4	129	LYS	2.3
19	c7	60	ARG	2.3
3	s1	31	ASP	2.3
10	S8	156	VAL	2.3
39	L2	61	VAL	2.3
45	L8	132	VAL	2.3
52	M6	3	VAL	2.3
81	p0	217	VAL	2.3
1	2	730	G	2.2
1	2	1330	G	2.2
36	5	1021	G	2.2
5	s3	217	ILE	2.2

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Mol	Chain	Res	Type	RSRZ
15	C3	92	ILE	2.2
22	d0	99	ILE	2.2
33	E1	91	ILE	2.2
63	N7	46	ILE	2.2
76	Q0	78	ILE	2.2
15	C3	144	ALA	2.2
15	c3	7	ALA	2.2
17	c5	132	GLY	2.2
27	D5	99	ALA	2.2
45	l8	196	ALA	2.2
63	n7	44	ALA	2.2
3	S1	231	LEU	2.2
6	s4	56	LEU	2.2
11	s9	70	LEU	2.2
22	d0	34	LEU	2.2
27	D5	51	LEU	2.2
29	D7	73	LEU	2.2
36	1	622	A	2.2
36	1	1950	U	2.2
36	1	3389	U	2.2
36	5	2097	U	2.2
62	n6	109	LEU	2.2
3	S1	153	HIS	2.2
13	c1	27	THR	2.2
29	d7	67	THR	2.2
34	SR	61	PHE	2.2
34	sR	143	THR	2.2
2	S0	138	TYR	2.2
12	C0	44	LYS	2.2
12	c0	41	TYR	2.2
14	c2	105	LYS	2.2
17	C5	51	SER	2.2
17	C5	92	SER	2.2
21	C9	69	LYS	2.2
21	C9	84	LYS	2.2
25	d3	31	LYS	2.2
34	SR	161	LYS	2.2
34	sR	137	LYS	2.2
45	l8	195	SER	2.2
48	M1	85	LYS	2.2
63	N7	55	LYS	2.2
1	2	489	C	2.2

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Mol	Chain	Res	Type	RSRZ
1	2	910	C	2.2
3	S1	64	ARG	2.2
4	S2	97	ARG	2.2
19	C7	60	ARG	2.2
36	1	2444	C	2.2
36	5	1579	C	2.2
77	q1	23	ARG	2.2
9	S7	90	VAL	2.2
9	s7	109	VAL	2.2
10	s8	46	VAL	2.2
11	S9	101	VAL	2.2
14	C2	116	VAL	2.2
24	D2	33	VAL	2.2
34	sR	29	GLN	2.2
39	l2	230	VAL	2.2
51	M5	181	ASN	2.2
58	n2	66	VAL	2.2
16	c4	124	ASP	2.2
4	S2	218	ILE	2.2
5	s3	50	ILE	2.2
10	S8	72	ILE	2.2
4	S2	223	GLY	2.2
5	s3	153	ALA	2.2
7	s5	42	LEU	2.2
11	S9	35	GLY	2.2
14	C2	112	ALA	2.2
34	sR	284	ALA	2.2
35	SM	21	PRO	2.2
17	c5	112	LEU	2.2
49	M3	130	GLY	2.2
53	M7	5	GLY	2.2
81	p0	209	LEU	2.2
1	2	1594	G	2.2
1	6	496	G	2.2
1	6	1255	G	2.2
13	C1	27	THR	2.2
14	C2	130	THR	2.2
22	d0	29	THR	2.2
36	1	244	G	2.2
36	5	171	G	2.2
40	L3	361	THR	2.2
42	L5	93	THR	2.2

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Mol	Chain	Res	Type	RSRZ
43	L6	8	LYS	2.2
60	n4	83	THR	2.2
61	n5	31	THR	2.2
70	O4	71	THR	2.2
1	2	499	U	2.2
1	2	598	U	2.2
33	E1	85	TYR	2.2
36	5	1028	U	2.2
36	5	3283	U	2.2
46	L9	92	TYR	2.2
58	N2	83	TYR	2.2
63	N7	18	TYR	2.2
70	o4	62	TYR	2.2
1	2	733	A	2.2
1	2	1635	A	2.2
1	6	1559	A	2.2
19	C7	107	SER	2.2
23	D1	18	SER	2.2
33	e1	122	SER	2.2
66	o0	6	SER	2.2
2	S0	29	VAL	2.2
5	s3	41	VAL	2.2
49	M3	97	VAL	2.2
72	o6	3	VAL	2.2
47	M0	112	GLN	2.2
63	n7	127	ASN	2.2
2	S0	170	ILE	2.2
7	S5	130	ILE	2.2
15	c3	66	ILE	2.2
27	D5	88	ILE	2.2
29	d7	57	GLU	2.2
42	L5	64	ILE	2.2
8	S6	152	ASP	2.2
3	S1	123	ALA	2.2
7	s5	74	ALA	2.2
12	c0	40	LEU	2.2
45	l8	254	ASP	2.2
48	M1	126	ASP	2.2
17	C5	101	ALA	2.2
25	D3	6	PRO	2.2
25	D3	35	GLY	2.2
35	sM	56	GLY	2.2

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Mol	Chain	Res	Type	RSRZ
51	m5	197	LEU	2.2
65	N9	24	PRO	2.2
8	s6	131	LYS	2.2
34	sR	118	LYS	2.2
8	S6	16	PHE	2.2
26	D4	60	PHE	2.2
33	e1	131	PHE	2.2
63	n7	118	PHE	2.2
18	C6	66	ARG	2.2
28	D6	85	ARG	2.2
76	q0	113	ARG	2.2
45	L8	81	THR	2.2
6	S4	54	TYR	2.2
14	C2	60	VAL	2.2
19	C7	124	VAL	2.2
26	D4	35	VAL	2.2
29	d7	46	VAL	2.2
58	N2	47	VAL	2.2
1	2	134	U	2.2
1	2	1413	U	2.2
1	2	1473	U	2.2
1	6	1059	U	2.2
1	6	1060	U	2.2
24	d2	39	GLN	2.2
31	D9	20	GLN	2.2
36	1	1765	U	2.2
36	1	2538	U	2.2
36	5	1015	U	2.2
56	n0	138	GLN	2.2
5	s3	158	ILE	2.2
27	d5	88	ILE	2.2
58	n2	93	ILE	2.2
70	o4	54	ILE	2.2
72	o6	9	ILE	2.2
1	2	734	A	2.2
1	2	765	G	2.2
1	2	1011	G	2.2
1	2	1218	G	2.2
1	2	1697	G	2.2
1	6	218	A	2.2
1	6	834	G	2.2
1	6	1069	A	2.2

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Mol	Chain	Res	Type	RSRZ
1	6	1081	A	2.2
1	6	1446	A	2.2
2	S0	135	GLU	2.2
10	S8	89	GLU	2.2
16	C4	110	LEU	2.2
17	c5	106	GLU	2.2
18	C6	32	ASN	2.2
36	1	2095	G	2.2
36	1	2110	G	2.2
47	m0	209	ASN	2.2
36	5	3362	A	2.2
40	L3	7	GLU	2.2
58	n2	101	ASN	2.2
12	C0	3	MET	2.2
20	C8	18	LEU	2.2
36	5	1355	A	2.2
58	n2	89	LEU	2.2
68	O2	128	LEU	2.2
69	O3	7	LEU	2.2
6	s4	83	PRO	2.2
7	s5	150	GLY	2.2
15	C3	63	ALA	2.2
20	C8	82	PRO	2.2
34	sR	204	ALA	2.2
35	sM	52	PRO	2.2
48	M1	134	PRO	2.2
60	N4	68	ALA	2.2
65	n9	2	ALA	2.2
78	q2	17	CYS	2.2
81	p0	216	ALA	2.2
16	c4	92	LYS	2.2
17	c5	9	LYS	2.2
74	O8	26	LYS	2.2
19	c7	71	PHE	2.2
21	c9	86	ARG	2.2
26	D4	61	ARG	2.2
26	d4	72	PHE	2.2
53	M7	128	ARG	2.2
1	6	654	C	2.2
36	1	1277	C	2.2
36	5	2583	C	2.2
4	S2	117	THR	2.2

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Mol	Chain	Res	Type	RSRZ
14	C2	49	THR	2.2
21	C9	39	THR	2.2
26	D4	62	THR	2.2
48	m1	109	HIS	2.2
8	S6	67	VAL	2.2
13	c1	107	VAL	2.2
20	C8	70	VAL	2.2
28	D6	84	VAL	2.2
34	SR	154	VAL	2.2
44	L7	26	VAL	2.2
61	N5	26	VAL	2.2
81	p0	50	VAL	2.2
11	s9	129	ILE	2.2
11	s9	162	SER	2.2
12	C0	13	GLN	2.2
16	C4	19	ILE	2.2
20	C8	28	ILE	2.2
20	C8	69	ILE	2.2
21	C9	48	GLN	2.2
28	d6	44	ILE	2.2
30	d8	13	ILE	2.2
34	sR	310	ILE	2.2
45	l8	36	ILE	2.2
70	o4	61	GLN	2.2
18	c6	57	LEU	2.2
21	C9	108	LEU	2.2
33	e1	132	LEU	2.2
49	m3	77	LEU	2.2
3	S1	122	GLU	2.2
8	S6	198	ALA	2.2
14	C2	118	ALA	2.2
2	S0	207	PRO	2.2
3	S1	233	GLY	2.2
11	S9	5	PRO	2.2
14	c2	104	GLY	2.2
14	c2	117	GLY	2.2
19	c7	7	LYS	2.2
29	d7	71	ALA	2.2
34	SR	24	ALA	2.2
24	D2	109	GLY	2.2
26	D4	117	LYS	2.2
36	5	1645	U	2.2

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Mol	Chain	Res	Type	RSRZ
49	m3	61	PRO	2.2
51	m5	184	LYS	2.2
53	M7	183	ALA	2.2
29	D7	69	GLY	2.2
79	q3	6	LYS	2.2
36	5	240	U	2.2
4	S2	91	ARG	2.2
8	S6	196	ARG	2.2
2	S0	155	PHE	2.2
3	S1	89	ASP	2.2
12	c0	7	ASP	2.2
1	6	344	A	2.2
1	6	1694	A	2.2
36	1	440	A	2.2
36	1	3372	A	2.2
36	5	1245	A	2.2
1	2	279	G	2.2
1	2	720	G	2.2
1	2	1051	G	2.2
1	2	1588	G	2.2
1	2	1663	G	2.2
1	6	837	G	2.2
34	sR	92	TRP	2.2
36	1	251	G	2.2
36	1	1021	G	2.2
36	5	1268	G	2.2
8	S6	112	VAL	2.1
12	c0	42	VAL	2.1
14	C2	53	THR	2.1
15	C3	150	VAL	2.1
23	d1	13	VAL	2.1
25	D3	36	THR	2.1
35	SM	19	VAL	2.1
67	O1	23	VAL	2.1
1	6	230	C	2.1
1	6	489	C	2.1
1	6	653	C	2.1
2	s0	144	ILE	2.1
2	s0	197	ILE	2.1
6	s4	64	ILE	2.1
9	S7	98	ILE	2.1
9	s7	98	ILE	2.1

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Mol	Chain	Res	Type	RSRZ
14	C2	24	ILE	2.1
21	C9	94	ILE	2.1
31	D9	38	ILE	2.1
36	1	2773	C	2.1
36	5	1574	C	2.1
42	l5	247	ILE	2.1
66	o0	100	ILE	2.1
5	S3	72	LEU	2.1
6	s4	92	LEU	2.1
9	S7	118	LEU	2.1
9	s7	81	LEU	2.1
15	C3	62	GLN	2.1
27	d5	51	LEU	2.1
34	SR	9	LEU	2.1
34	sR	73	LEU	2.1
67	o1	16	LEU	2.1
3	S1	28	GLU	2.1
7	S5	181	GLU	2.1
7	s5	78	ALA	2.1
9	S7	6	ALA	2.1
10	s8	7	SER	2.1
25	D3	110	LYS	2.1
28	D6	93	LYS	2.1
22	D0	119	ALA	2.1
23	D1	30	ALA	2.1
28	D6	47	ALA	2.1
34	sR	82	SER	2.1
35	SM	45	SER	2.1
44	l7	234	GLU	2.1
53	M7	158	ALA	2.1
64	N8	94	ALA	2.1
66	O0	98	SER	2.1
12	c0	70	GLU	2.1
24	D2	3	ARG	2.1
24	d2	117	ARG	2.1
33	e1	120	GLU	2.1
75	O9	3	ALA	2.1
14	c2	127	GLY	2.1
4	S2	82	ASN	2.1
6	S4	57	ASN	2.1
19	c7	22	PRO	2.1
34	sR	18	GLY	2.1

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Mol	Chain	Res	Type	RSRZ
67	o1	45	GLY	2.1
31	D9	5	ASN	2.1
51	m5	195	ASN	2.1
39	l2	186	PHE	2.1
1	2	680	U	2.1
1	2	909	U	2.1
1	6	501	U	2.1
2	s0	148	ASP	2.1
24	D2	85	ASP	2.1
35	SM	11	ASP	2.1
36	1	1014	U	2.1
36	1	1555	U	2.1
36	1	3079	U	2.1
36	1	3351	U	2.1
36	5	2508	U	2.1
2	S0	121	VAL	2.1
5	S3	206	VAL	2.1
7	s5	133	VAL	2.1
8	S6	179	VAL	2.1
16	c4	48	VAL	2.1
19	c7	4	VAL	2.1
20	c8	55	HIS	2.1
22	D0	56	VAL	2.1
29	D7	19	HIS	2.1
42	l5	56	THR	2.1
1	2	678	A	2.1
18	c6	36	ILE	2.1
28	D6	79	ILE	2.1
30	D8	13	ILE	2.1
33	e1	140	TYR	2.1
34	SR	131	ILE	2.1
36	1	1231	A	2.1
36	1	1879	A	2.1
36	1	2502	A	2.1
36	5	157	A	2.1
36	5	1571	A	2.1
36	5	1575	A	2.1
67	o1	69	TYR	2.1
72	o6	58	ILE	2.1
6	s4	12	LEU	2.1
9	s7	99	LEU	2.1
9	s7	176	LEU	2.1

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Mol	Chain	Res	Type	RSRZ
11	S9	60	LEU	2.1
11	S9	70	LEU	2.1
14	c2	52	LEU	2.1
14	c2	85	LYS	2.1
26	D4	28	LEU	2.1
30	d8	16	LEU	2.1
55	M9	185	LEU	2.1
70	o4	51	LEU	2.1
1	2	846	G	2.1
1	2	938	G	2.1
16	C4	12	GLN	2.1
17	c5	80	MET	2.1
18	c6	123	ARG	2.1
32	E0	42	ARG	2.1
36	1	1281	G	2.1
36	1	2111	G	2.1
36	5	420	G	2.1
36	5	1233	G	2.1
32	e0	2	ALA	2.1
51	m5	39	ALA	2.1
7	S5	152	GLY	2.1
16	C4	34	SER	2.1
18	C6	50	GLU	2.1
23	d1	57	GLY	2.1
29	d7	66	PRO	2.1
31	d9	25	SER	2.1
42	l5	295	GLY	2.1
47	m0	204	GLY	2.1
52	M6	44	SER	2.1
70	o4	17	SER	2.1
79	q3	21	SER	2.1
1	2	1596	C	2.1
1	6	1596	C	2.1
26	d4	23	PHE	2.1
29	D7	32	PHE	2.1
59	n3	4	ASN	2.1
68	o2	31	ASN	2.1
4	s2	86	VAL	2.1
8	s6	179	VAL	2.1
9	s7	51	VAL	2.1
14	C2	37	VAL	2.1
17	c5	94	VAL	2.1

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Mol	Chain	Res	Type	RSRZ
21	C9	131	ASP	2.1
22	D0	118	VAL	2.1
52	m6	126	VAL	2.1
58	n2	92	TRP	2.1
67	O1	48	ASP	2.1
70	O4	84	CYS	2.1
27	D5	38	HIS	2.1
33	e1	135	HIS	2.1
1	2	1307	U	2.1
1	6	1247	U	2.1
5	s3	69	LEU	2.1
9	S7	41	LEU	2.1
10	s8	17	LYS	2.1
17	C5	59	LYS	2.1
19	C7	14	LYS	2.1
20	c8	54	LEU	2.1
22	D0	107	THR	2.1
30	d8	54	LEU	2.1
31	D9	14	TYR	2.1
33	e1	99	LYS	2.1
33	e1	105	TYR	2.1
33	e1	116	LYS	2.1
40	L3	337	THR	2.1
45	l8	200	LEU	2.1
47	m0	200	LEU	2.1
61	N5	24	LEU	2.1
70	o4	71	THR	2.1
74	o8	26	LYS	2.1
16	c4	135	ARG	2.1
17	c5	137	ARG	2.1
19	c7	58	MET	2.1
29	D7	17	ARG	2.1
14	C2	20	ALA	2.1
16	C4	69	ALA	2.1
22	D0	45	ALA	2.1
72	O6	32	ALA	2.1
1	2	1357	A	2.1
2	s0	55	GLU	2.1
5	s3	216	PRO	2.1
8	s6	123	GLY	2.1
8	s6	181	PRO	2.1
14	C2	21	GLU	2.1

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Mol	Chain	Res	Type	RSRZ
14	c2	110	GLY	2.1
18	c6	126	PRO	2.1
28	d6	90	GLU	2.1
32	E0	52	GLY	2.1
34	SR	160	GLU	2.1
36	1	1263	A	2.1
36	1	1270	A	2.1
36	1	2096	A	2.1
36	1	2445	A	2.1
36	5	235	A	2.1
36	5	2099	A	2.1
36	5	2401	A	2.1
36	5	2524	A	2.1
51	m5	69	GLY	2.1
3	S1	24	PHE	2.1
31	d9	26	SER	2.1
34	sR	242	SER	2.1
39	l2	7	ASN	2.1
51	m5	175	ASN	2.1
51	m5	181	ASN	2.1
1	2	871	G	2.1
1	6	540	G	2.1
6	S4	156	VAL	2.1
18	C6	7	VAL	2.1
36	5	1020	G	2.1
36	5	1029	G	2.1
1	2	490	C	2.1
1	2	700	C	2.1
1	2	1082	C	2.1
1	2	1317	C	2.1
1	6	139	C	2.1
1	6	1246	C	2.1
1	6	1705	C	2.1
14	c2	50	LYS	2.1
2	s0	87	LEU	2.1
4	s2	154	LEU	2.1
7	s5	89	ILE	2.1
13	C1	63	LEU	2.1
15	C3	88	LEU	2.1
18	C6	120	ASP	2.1
26	D4	128	LYS	2.1
51	m5	145	ASP	2.1

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Mol	Chain	Res	Type	RSRZ
70	o4	19	LYS	2.1
81	p0	43	LYS	2.1
34	SR	210	LEU	2.1
63	n7	25	ILE	2.1
8	S6	87	ARG	2.1
3	S1	133	TYR	2.1
16	C4	119	THR	2.1
19	c7	5	ARG	2.1
67	O1	62	ARG	2.1
3	s1	103	MET	2.1
15	C3	111	ALA	2.1
65	N9	57	ALA	2.1
1	6	670	U	2.1
36	1	250	U	2.1
36	1	1265	U	2.1
36	1	1569	U	2.1
45	L8	123	GLN	2.1
5	s3	63	GLY	2.1
16	C4	113	GLY	2.1
19	C7	2	GLY	2.1
28	D6	14	GLY	2.1
48	M1	135	GLY	2.1
4	S2	224	PHE	2.1
9	S7	102	PRO	2.1
31	D9	55	PHE	2.1
39	L2	87	PHE	2.1
53	m7	26	PHE	2.1
56	n0	17	GLU	2.1
71	o5	27	GLU	2.1
28	D6	7	SER	2.1
34	SR	44	SER	2.1
60	n4	130	SER	2.1
60	n4	135	SER	2.1
8	S6	157	VAL	2.1
9	S7	20	VAL	2.1
12	c0	20	VAL	2.1
22	d0	114	VAL	2.1
28	d6	86	VAL	2.1
35	SM	106	VAL	2.1
1	2	492	A	2.1
1	2	1691	A	2.1
1	6	511	A	2.1

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Mol	Chain	Res	Type	RSRZ
1	6	1224	A	2.1
3	S1	222	LYS	2.1
9	S7	111	LYS	2.1
12	C0	25	LYS	2.1
35	SM	105	LYS	2.1
36	5	2441	A	2.1
36	5	2580	A	2.1
36	5	3163	A	2.1
3	S1	184	LEU	2.1
3	s1	29	TRP	2.1
8	S6	109	LEU	2.1
8	S6	177	ARG	2.1
19	C7	69	ILE	2.1
22	D0	99	ILE	2.1
27	d5	41	ILE	2.1
29	d7	19	HIS	2.1
31	d9	32	ARG	2.1
34	SR	34	LEU	2.1
34	sR	115	ILE	2.1
5	s3	134	CYS	2.1
7	S5	176	THR	2.1
8	S6	170	THR	2.1
16	C4	61	MET	2.1
10	S8	83	TYR	2.1
48	M1	139	THR	2.1
55	m9	78	TYR	2.1
1	2	1591	C	2.1
1	6	1625	C	2.1
1	2	1073	G	2.1
1	2	1616	G	2.1
1	6	1270	G	2.1
17	c5	74	ALA	2.1
34	sR	80	ALA	2.1
34	sR	254	ALA	2.1
36	5	1563	C	2.1
36	5	1628	C	2.1
36	5	1761	C	2.1
36	1	1246	G	2.1
36	5	264	G	2.1
36	5	1811	G	2.1
50	M4	9	ALA	2.1
51	M5	146	ALA	2.1

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Mol	Chain	Res	Type	RSRZ
3	S1	74	GLN	2.1
3	S1	157	GLN	2.1
9	S7	74	GLN	2.1
20	c8	124	GLY	2.1
22	D0	54	GLY	2.1
42	L5	127	GLY	2.1
42	l5	4	GLN	2.1
9	S7	131	PHE	2.1
9	S7	132	PRO	2.1
16	C4	37	GLU	2.1
26	D4	46	GLU	2.1
33	e1	111	GLU	2.1
49	M3	179	PHE	2.1
49	m3	184	GLU	2.1
56	n0	130	GLU	2.1
71	O5	102	GLU	2.1
1	2	227	U	2.0
1	2	1206	U	2.0
2	S0	45	VAL	2.0
2	S0	50	VAL	2.0
2	s0	123	VAL	2.0
3	S1	91	VAL	2.0
8	S6	153	VAL	2.0
10	S8	199	LYS	2.0
23	D1	32	VAL	2.0
28	D6	21	VAL	2.0
34	SR	20	VAL	2.0
34	SR	290	VAL	2.0
36	5	182	U	2.0
72	o6	25	LYS	2.0
13	c1	2	SER	2.0
45	l8	253	SER	2.0
5	S3	209	ILE	2.0
7	s5	58	LEU	2.0
8	s6	216	LEU	2.0
9	s7	8	ILE	2.0
11	S9	143	ILE	2.0
12	c0	39	ASN	2.0
16	C4	115	ILE	2.0
18	C6	28	LEU	2.0
18	C6	43	ILE	2.0
18	c6	114	ARG	2.0

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Mol	Chain	Res	Type	RSRZ
20	C8	44	ASN	2.0
20	C8	54	LEU	2.0
20	c8	131	LEU	2.0
28	d6	10	ARG	2.0
35	sM	51	ARG	2.0
43	l6	130	ILE	2.0
55	M9	164	LEU	2.0
3	S1	103	MET	2.0
6	S4	16	HIS	2.0
2	s0	200	ASP	2.0
8	S6	172	ALA	2.0
11	S9	12	TYR	2.0
11	S9	119	ALA	2.0
16	C4	58	TYR	2.0
17	C5	74	ALA	2.0
17	c5	135	THR	2.0
18	C6	79	TYR	2.0
26	D4	33	ALA	2.0
45	L8	256	ALA	2.0
53	M7	177	ALA	2.0
60	N4	64	THR	2.0
70	o4	75	ALA	2.0
74	o8	52	TYR	2.0
2	s0	42	PRO	2.0
7	s5	184	PHE	2.0
12	C0	4	PRO	2.0
17	c5	56	PHE	2.0
42	L5	55	PHE	2.0
44	L7	25	GLN	2.0
44	l7	25	GLN	2.0
56	N0	168	PRO	2.0
63	N7	70	PRO	2.0
8	S6	187	LYS	2.0
8	s6	174	LYS	2.0
9	S7	33	GLU	2.0
11	S9	138	LYS	2.0
12	c0	74	GLU	2.0
12	c0	78	GLU	2.0
14	C2	109	GLU	2.0
14	c2	25	GLU	2.0
22	D0	88	LYS	2.0
24	d2	22	LYS	2.0

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Mol	Chain	Res	Type	RSRZ
41	l4	345	GLU	2.0
36	5	185	C	2.0
36	5	2444	C	2.0
43	l6	23	LYS	2.0
54	M8	11	LYS	2.0
2	s0	73	VAL	2.0
2	s0	86	VAL	2.0
5	s3	58	VAL	2.0
7	S5	33	VAL	2.0
12	c0	73	VAL	2.0
18	C6	39	VAL	2.0
63	n7	114	VAL	2.0
67	o1	7	VAL	2.0
1	2	810	G	2.0
1	2	1229	G	2.0
1	2	1696	G	2.0
1	6	204	G	2.0
1	6	486	G	2.0
1	6	689	G	2.0
2	s0	185	ARG	2.0
11	s9	116	LEU	2.0
15	c3	106	ARG	2.0
18	C6	38	LEU	2.0
18	C6	44	LEU	2.0
32	E0	49	LEU	2.0
34	sR	145	LEU	2.0
36	1	1577	G	2.0
36	5	1264	G	2.0
36	5	2573	G	2.0
42	L5	92	LEU	2.0
58	n2	84	LEU	2.0
67	O1	20	LEU	2.0
6	S4	24	SER	2.0
10	S8	149	SER	2.0
11	s9	77	ILE	2.0
19	C7	70	SER	2.0
22	D0	65	ILE	2.0
26	D4	13	ILE	2.0
27	D5	50	ILE	2.0
28	D6	36	ILE	2.0
74	o8	50	SER	2.0
1	2	260	U	2.0

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Mol	Chain	Res	Type	RSRZ
1	2	558	U	2.0
1	2	1059	U	2.0
1	6	241	U	2.0
1	6	681	U	2.0
1	6	1688	U	2.0
17	C5	70	ASN	2.0
36	1	1570	U	2.0
36	1	1815	U	2.0
36	5	1763	U	2.0
3	S1	101	HIS	2.0
21	c9	53	TRP	2.0
28	D6	72	HIS	2.0
33	e1	93	HIS	2.0
41	L4	311	HIS	2.0
2	s0	10	THR	2.0
9	s7	105	THR	2.0
12	c0	45	ALA	2.0
17	c5	134	THR	2.0
19	C7	30	THR	2.0
33	E1	86	THR	2.0
34	SR	306	THR	2.0
34	sR	48	THR	2.0
45	l8	117	ALA	2.0
19	c7	84	TYR	2.0
75	O9	34	THR	2.0
2	S0	206	ASP	2.0
2	s0	13	ASP	2.0
15	C3	87	ASP	2.0
15	C3	110	ASP	2.0
3	S1	30	PHE	2.0
7	S5	101	GLY	2.0
9	S7	61	PHE	2.0
26	D4	67	GLY	2.0
34	SR	298	GLY	2.0
69	O3	61	GLY	2.0
8	s6	194	LYS	2.0
18	C6	124	PRO	2.0
21	c9	69	LYS	2.0
23	d1	80	LYS	2.0
30	D8	6	PRO	2.0
30	d8	47	PRO	2.0
34	SR	57	PRO	2.0

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Mol	Chain	Res	Type	RSRZ
45	l8	245	LYS	2.0
51	M5	192	LYS	2.0
55	m9	153	LYS	2.0
56	n0	158	LYS	2.0
65	n9	28	LYS	2.0
68	o2	5	PRO	2.0
70	O4	33	GLN	2.0
1	2	737	A	2.0
1	2	898	A	2.0
1	2	1088	A	2.0
1	2	1151	A	2.0
1	6	217	A	2.0
1	6	542	A	2.0
2	s0	41	ARG	2.0
4	S2	205	ARG	2.0
12	c0	8	ARG	2.0
13	c1	142	VAL	2.0
21	C9	88	VAL	2.0
34	sR	20	VAL	2.0
36	1	3344	A	2.0
36	5	3165	A	2.0
38	4	80	A	2.0
41	l4	63	GLU	2.0
54	M8	186	VAL	2.0
66	O0	35	ARG	2.0
70	O4	5	VAL	2.0
70	O4	65	VAL	2.0
22	d0	26	LEU	2.0
34	sR	301	LEU	2.0
81	p0	185	LEU	2.0
12	C0	11	ILE	2.0
18	C6	118	ILE	2.0
51	m5	151	ILE	2.0
70	o4	20	ILE	2.0
1	2	1518	C	2.0
1	2	1664	C	2.0
1	6	1248	C	2.0
36	1	1254	C	2.0
36	5	175	C	2.0
36	5	1272	C	2.0
36	5	2548	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, 95th 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($\text{\AA}^2$)	Q<0.9
84	MG	1	3406	1/1	-0.23	0.63	130,130,130,130	0
84	MG	2	1978	1/1	0.22	0.45	104,104,104,104	0
84	MG	2	1962	1/1	0.24	0.56	110,110,110,110	0
84	MG	5	3678	1/1	0.30	0.18	58,58,58,58	0
84	MG	2	1932	1/1	0.39	0.46	68,68,68,68	0
84	MG	5	3457	1/1	0.40	0.47	100,100,100,100	0
84	MG	M3	201	1/1	0.42	0.36	86,86,86,86	0
84	MG	6	1984	1/1	0.44	0.32	70,70,70,70	0
84	MG	5	3739	1/1	0.45	0.39	88,88,88,88	0
84	MG	2	1941	1/1	0.46	0.32	93,93,93,93	0
84	MG	1	3570	1/1	0.47	0.47	67,67,67,67	0
84	MG	2	1940	1/1	0.48	0.49	72,72,72,72	0
84	MG	5	3693	1/1	0.49	0.44	80,80,80,80	0
84	MG	6	1959	1/1	0.53	0.54	86,86,86,86	0
84	MG	1	3701	1/1	0.53	0.15	40,40,40,40	0
84	MG	1	3705	1/1	0.54	0.46	52,52,52,52	0
84	MG	1	3650	1/1	0.55	0.41	81,81,81,81	0
84	MG	2	1954	1/1	0.55	0.42	90,90,90,90	0
84	MG	2	1949	1/1	0.56	0.33	96,96,96,96	0
84	MG	2	1968	1/1	0.56	0.38	85,85,85,85	0
84	MG	2	1937	1/1	0.56	0.40	79,79,79,79	0
84	MG	2	1956	1/1	0.57	0.41	64,64,64,64	0
84	MG	2	1924	1/1	0.58	0.47	86,86,86,86	0
84	MG	6	1971	1/1	0.59	0.41	90,90,90,90	0
84	MG	2	1925	1/1	0.59	0.57	74,74,74,74	0
84	MG	2	1953	1/1	0.60	0.56	84,84,84,84	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	5	3697	1/1	0.60	0.23	50,50,50,50	0
84	MG	6	1970	1/1	0.60	0.37	98,98,98,98	0
84	MG	1	3678	1/1	0.61	0.28	65,65,65,65	0
84	MG	6	2002	1/1	0.61	0.47	99,99,99,99	0
84	MG	4	203	1/1	0.61	0.40	68,68,68,68	0
84	MG	5	3608	1/1	0.61	0.56	89,89,89,89	0
84	MG	6	1961	1/1	0.62	0.34	61,61,61,61	0
84	MG	6	1958	1/1	0.63	0.39	47,47,47,47	0
84	MG	1	3414	1/1	0.63	0.45	63,63,63,63	0
84	MG	2	1946	1/1	0.63	0.60	93,93,93,93	0
84	MG	6	1902	1/1	0.63	0.32	57,57,57,57	0
84	MG	6	1912	1/1	0.63	0.32	79,79,79,79	0
84	MG	6	1975	1/1	0.63	0.48	79,79,79,79	0
84	MG	6	1926	1/1	0.63	0.45	46,46,46,46	0
84	MG	5	3641	1/1	0.64	0.42	79,79,79,79	0
84	MG	2	1969	1/1	0.64	0.47	66,66,66,66	0
84	MG	2	1926	1/1	0.64	0.36	74,74,74,74	0
84	MG	2	1915	1/1	0.64	0.40	76,76,76,76	0
84	MG	2	1947	1/1	0.64	0.44	93,93,93,93	0
84	MG	5	3655	1/1	0.66	0.33	64,64,64,64	0
84	MG	5	3458	1/1	0.66	0.30	107,107,107,107	0
84	MG	5	3460	1/1	0.66	0.13	44,44,44,44	0
84	MG	6	1938	1/1	0.66	0.50	99,99,99,99	0
84	MG	1	3416	1/1	0.66	0.26	48,48,48,48	0
84	MG	2	1961	1/1	0.67	0.36	75,75,75,75	0
84	MG	1	3652	1/1	0.67	0.18	57,57,57,57	0
84	MG	1	3459	1/1	0.67	0.30	46,46,46,46	0
84	MG	1	3692	1/1	0.67	0.17	45,45,45,45	0
84	MG	2	1979	1/1	0.67	0.39	72,72,72,72	0
84	MG	2	1928	1/1	0.68	0.35	71,71,71,71	0
84	MG	6	1976	1/1	0.68	0.26	91,91,91,91	0
84	MG	D9	102	1/1	0.68	0.33	86,86,86,86	0
84	MG	6	1933	1/1	0.68	0.28	84,84,84,84	0
84	MG	5	3438	1/1	0.68	0.21	45,45,45,45	0
84	MG	6	1930	1/1	0.69	0.45	59,59,59,59	0
84	MG	6	1962	1/1	0.70	0.27	84,84,84,84	0
84	MG	6	1993	1/1	0.70	0.50	95,95,95,95	0
84	MG	6	1969	1/1	0.70	0.39	65,65,65,65	0
84	MG	6	1927	1/1	0.70	0.41	50,50,50,50	0
84	MG	6	1925	1/1	0.70	0.37	72,72,72,72	0
84	MG	1	3659	1/1	0.70	0.40	47,47,47,47	0
84	MG	6	1937	1/1	0.70	0.42	72,72,72,72	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	6	2005	1/1	0.71	0.20	61,61,61,61	0
84	MG	2	1974	1/1	0.71	0.21	93,93,93,93	0
84	MG	6	1909	1/1	0.71	0.41	98,98,98,98	0
84	MG	n6	201	1/1	0.71	0.31	65,65,65,65	0
84	MG	S4	301	1/1	0.72	0.18	79,79,79,79	0
84	MG	Q2	502	1/1	0.72	0.15	55,55,55,55	0
84	MG	1	3449	1/1	0.72	0.53	64,64,64,64	0
84	MG	5	3610	1/1	0.72	0.18	37,37,37,37	0
84	MG	6	1904	1/1	0.72	0.32	76,76,76,76	0
84	MG	6	1951	1/1	0.72	0.56	77,77,77,77	0
84	MG	2	1975	1/1	0.72	0.40	76,76,76,76	0
84	MG	1	3518	1/1	0.72	0.41	52,52,52,52	0
84	MG	1	3567	1/1	0.72	0.55	50,50,50,50	0
84	MG	2	1973	1/1	0.72	0.35	64,64,64,64	0
84	MG	2	1920	1/1	0.72	0.43	74,74,74,74	0
84	MG	1	3563	1/1	0.73	0.51	54,54,54,54	0
84	MG	2	1958	1/1	0.73	0.29	96,96,96,96	0
84	MG	1	3569	1/1	0.73	0.42	53,53,53,53	0
84	MG	5	3466	1/1	0.73	0.32	68,68,68,68	0
84	MG	2	1912	1/1	0.73	0.39	74,74,74,74	0
84	MG	1	3541	1/1	0.73	0.38	55,55,55,55	0
84	MG	5	3616	1/1	0.73	0.28	40,40,40,40	0
84	MG	2	1955	1/1	0.74	0.38	68,68,68,68	0
84	MG	2	1939	1/1	0.74	0.23	74,74,74,74	0
84	MG	5	3643	1/1	0.74	0.37	55,55,55,55	0
84	MG	2	1904	1/1	0.74	0.51	77,77,77,77	0
84	MG	5	3674	1/1	0.74	0.27	49,49,49,49	0
84	MG	6	1980	1/1	0.74	0.21	68,68,68,68	0
84	MG	6	1963	1/1	0.74	0.40	76,76,76,76	0
84	MG	6	1956	1/1	0.74	0.50	60,60,60,60	0
84	MG	6	2001	1/1	0.74	0.39	73,73,73,73	0
84	MG	12	302	1/1	0.74	0.21	42,42,42,42	0
84	MG	16	201	1/1	0.74	0.29	56,56,56,56	0
84	MG	2	1981	1/1	0.74	0.28	76,76,76,76	0
84	MG	5	3480	1/1	0.75	0.15	36,36,36,36	0
84	MG	5	3533	1/1	0.75	0.47	55,55,55,55	0
84	MG	3	201	1/1	0.75	0.29	71,71,71,71	0
84	MG	2	1964	1/1	0.75	0.33	83,83,83,83	0
84	MG	2	1921	1/1	0.75	0.54	81,81,81,81	0
84	MG	1	3624	1/1	0.75	0.13	44,44,44,44	0
84	MG	1	3450	1/1	0.75	0.27	33,33,33,33	0
84	MG	2	1944	1/1	0.75	0.35	91,91,91,91	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	5	3657	1/1	0.75	0.20	57,57,57,57	0
84	MG	6	1907	1/1	0.75	0.36	75,75,75,75	0
84	MG	1	3500	1/1	0.75	0.44	44,44,44,44	0
84	MG	d6	102	1/1	0.75	0.23	56,56,56,56	0
84	MG	5	3694	1/1	0.75	0.16	35,35,35,35	0
84	MG	2	1971	1/1	0.75	0.26	77,77,77,77	0
84	MG	2	1909	1/1	0.75	0.35	81,81,81,81	0
84	MG	2	1935	1/1	0.75	0.29	68,68,68,68	0
84	MG	2	1963	1/1	0.75	0.35	78,78,78,78	0
84	MG	1	3709	1/1	0.75	0.43	59,59,59,59	0
84	MG	1	3696	1/1	0.76	0.15	55,55,55,55	0
84	MG	5	3404	1/1	0.76	0.20	33,33,33,33	0
84	MG	2	1916	1/1	0.76	0.37	59,59,59,59	0
84	MG	2	1923	1/1	0.76	0.46	56,56,56,56	0
84	MG	6	1952	1/1	0.76	0.41	54,54,54,54	0
84	MG	6	1994	1/1	0.76	0.19	49,49,49,49	0
84	MG	6	1998	1/1	0.76	0.18	58,58,58,58	0
84	MG	5	3687	1/1	0.76	0.26	31,31,31,31	0
84	MG	2	1910	1/1	0.76	0.50	64,64,64,64	0
84	MG	5	3500	1/1	0.76	0.37	47,47,47,47	0
84	MG	1	3601	1/1	0.76	0.28	65,65,65,65	0
84	MG	5	3595	1/1	0.76	0.20	60,60,60,60	0
84	MG	1	3496	1/1	0.76	0.24	39,39,39,39	0
84	MG	l3	403	1/1	0.76	0.26	38,38,38,38	0
84	MG	6	2160	1/1	0.76	0.25	84,84,84,84	0
84	MG	5	3613	1/1	0.76	0.30	58,58,58,58	0
85	OHX	2	2111	7/7	0.76	0.24	112,112,112,112	0
85	OHX	2	2115	7/7	0.76	0.25	115,115,115,115	0
84	MG	5	3415	1/1	0.77	0.31	29,29,29,29	0
84	MG	5	3417	1/1	0.77	0.32	84,84,84,84	0
84	MG	5	3644	1/1	0.77	0.28	72,72,72,72	0
84	MG	2	1943	1/1	0.77	0.31	71,71,71,71	0
84	MG	1	3684	1/1	0.77	0.17	51,51,51,51	0
84	MG	1	3608	1/1	0.77	0.38	87,87,87,87	0
84	MG	6	1955	1/1	0.77	0.48	67,67,67,67	0
84	MG	1	3472	1/1	0.77	0.35	52,52,52,52	0
84	MG	5	3472	1/1	0.77	0.36	50,50,50,50	0
84	MG	1	3699	1/1	0.77	0.32	55,55,55,55	0
84	MG	1	3629	1/1	0.77	0.24	74,74,74,74	0
84	MG	1	3704	1/1	0.77	0.23	34,34,34,34	0
84	MG	1	3643	1/1	0.77	0.37	63,63,63,63	0
84	MG	1	3527	1/1	0.77	0.34	64,64,64,64	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	1	3427	1/1	0.77	0.31	48,48,48,48	0
84	MG	1	3589	1/1	0.77	0.17	64,64,64,64	0
84	MG	5	3614	1/1	0.77	0.19	55,55,55,55	0
84	MG	1	3667	1/1	0.77	0.29	62,62,62,62	0
85	OHX	2	2117	7/7	0.77	0.21	128,128,128,128	0
85	OHX	6	2158	7/7	0.77	0.19	140,140,140,140	0
85	OHX	5	4024	7/7	0.77	0.21	116,116,116,116	0
84	MG	6	2159	1/1	0.78	0.38	58,58,58,58	0
84	MG	5	3665	1/1	0.78	0.26	39,39,39,39	0
84	MG	5	3499	1/1	0.78	0.21	36,36,36,36	0
84	MG	1	3487	1/1	0.78	0.30	49,49,49,49	0
84	MG	1	3620	1/1	0.78	0.39	54,54,54,54	0
84	MG	5	3553	1/1	0.78	0.38	38,38,38,38	0
84	MG	2	1965	1/1	0.78	0.47	60,60,60,60	0
84	MG	5	3596	1/1	0.78	0.13	40,40,40,40	0
84	MG	5	3723	1/1	0.78	0.15	38,38,38,38	0
84	MG	5	3735	1/1	0.78	0.09	65,65,65,65	0
84	MG	6	1921	1/1	0.78	0.44	56,56,56,56	0
84	MG	7	210	1/1	0.78	0.13	53,53,53,53	0
84	MG	1	3720	1/1	0.78	0.18	56,56,56,56	0
84	MG	2	1950	1/1	0.78	0.31	72,72,72,72	0
84	MG	1	3688	1/1	0.78	0.22	47,47,47,47	0
84	MG	1	3630	1/1	0.78	0.38	56,56,56,56	0
84	MG	5	3623	1/1	0.78	0.33	57,57,57,57	0
84	MG	2	1957	1/1	0.78	0.47	76,76,76,76	0
84	MG	2	1917	1/1	0.78	0.46	62,62,62,62	0
84	MG	2	1959	1/1	0.78	0.40	67,67,67,67	0
84	MG	5	3477	1/1	0.78	0.11	42,42,42,42	0
87	ANM	1	3401	19/19	0.78	0.37	62,62,62,62	19
84	MG	1	3443	1/1	0.79	0.28	43,43,43,43	0
84	MG	2	1952	1/1	0.79	0.49	77,77,77,77	0
84	MG	1	3586	1/1	0.79	0.46	68,68,68,68	0
84	MG	6	1910	1/1	0.79	0.16	74,74,74,74	0
84	MG	6	2006	1/1	0.79	0.34	61,61,61,61	0
84	MG	5	3537	1/1	0.79	0.31	36,36,36,36	0
84	MG	2	1948	1/1	0.79	0.25	94,94,94,94	0
84	MG	5	3698	1/1	0.79	0.25	73,73,73,73	0
84	MG	5	3712	1/1	0.79	0.11	44,44,44,44	0
84	MG	5	3714	1/1	0.79	0.22	34,34,34,34	0
84	MG	1	3658	1/1	0.79	0.24	52,52,52,52	0
84	MG	6	1924	1/1	0.79	0.28	56,56,56,56	0
84	MG	5	3738	1/1	0.79	0.17	45,45,45,45	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	1	3597	1/1	0.79	0.28	46,46,46,46	0
84	MG	2	1922	1/1	0.79	0.55	74,74,74,74	0
84	MG	1	3722	1/1	0.79	0.12	60,60,60,60	0
84	MG	1	3673	1/1	0.79	0.29	65,65,65,65	0
84	MG	13	404	1/1	0.79	0.14	39,39,39,39	0
84	MG	5	3451	1/1	0.79	0.27	33,33,33,33	0
84	MG	1	3538	1/1	0.79	0.39	42,42,42,42	0
85	OHX	2	2102	7/7	0.79	0.22	114,114,114,114	0
84	MG	5	3628	1/1	0.79	0.28	49,49,49,49	0
84	MG	4	213	1/1	0.79	0.18	41,41,41,41	0
84	MG	2	1945	1/1	0.79	0.23	63,63,63,63	0
85	OHX	2	2118	7/7	0.79	0.20	132,132,132,132	0
85	OHX	2	2119	7/7	0.79	0.18	144,144,144,144	0
85	OHX	6	2157	7/7	0.79	0.21	115,115,115,115	0
84	MG	1	3484	1/1	0.79	0.28	52,52,52,52	0
84	MG	5	3467	1/1	0.79	0.39	65,65,65,65	0
84	MG	1	3439	1/1	0.79	0.31	60,60,60,60	0
84	MG	2	1927	1/1	0.80	0.48	65,65,65,65	0
84	MG	5	3574	1/1	0.80	0.32	53,53,53,53	0
84	MG	1	3408	1/1	0.80	0.29	50,50,50,50	0
84	MG	1	3460	1/1	0.80	0.27	52,52,52,52	0
84	MG	5	3402	1/1	0.80	0.39	61,61,61,61	0
84	MG	2	1913	1/1	0.80	0.22	63,63,63,63	0
84	MG	O7	102	1/1	0.80	0.17	51,51,51,51	0
84	MG	1	3641	1/1	0.80	0.31	51,51,51,51	0
84	MG	2	1931	1/1	0.80	0.51	65,65,65,65	0
84	MG	2	1914	1/1	0.80	0.44	73,73,73,73	0
84	MG	6	1940	1/1	0.80	0.26	43,43,43,43	0
84	MG	6	1944	1/1	0.80	0.53	69,69,69,69	0
84	MG	6	1985	1/1	0.80	0.36	65,65,65,65	0
84	MG	6	1990	1/1	0.80	0.18	61,61,61,61	0
85	OHX	2	2106	7/7	0.80	0.24	123,123,123,123	0
85	OHX	2	2109	7/7	0.80	0.22	112,112,112,112	0
84	MG	6	1950	1/1	0.80	0.34	72,72,72,72	0
84	MG	1	3437	1/1	0.80	0.19	45,45,45,45	0
84	MG	6	1996	1/1	0.80	0.15	54,54,54,54	0
84	MG	2	1934	1/1	0.80	0.28	72,72,72,72	0
84	MG	1	3508	1/1	0.80	0.23	43,43,43,43	0
85	OHX	1	3931	7/7	0.80	0.21	111,111,111,111	0
85	OHX	6	2131	7/7	0.80	0.21	121,121,121,121	0
85	OHX	6	2155	7/7	0.80	0.25	116,116,116,116	0
84	MG	2	1906	1/1	0.80	0.33	63,63,63,63	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	5	3532	1/1	0.80	0.42	50,50,50,50	0
84	MG	6	1915	1/1	0.80	0.36	72,72,72,72	0
85	OHX	5	4061	7/7	0.80	0.26	121,121,121,121	0
85	OHX	5	4070	7/7	0.80	0.20	135,135,135,135	0
84	MG	2	1901	1/1	0.80	0.61	85,85,85,85	0
84	MG	5	3732	1/1	0.81	0.17	52,52,52,52	0
84	MG	1	3534	1/1	0.81	0.45	36,36,36,36	0
84	MG	1	3638	1/1	0.81	0.20	46,46,46,46	0
84	MG	1	3639	1/1	0.81	0.26	59,59,59,59	0
84	MG	5	4074	1/1	0.81	0.28	32,32,32,32	0
84	MG	1	4039	1/1	0.81	0.20	46,46,46,46	0
84	MG	8	202	1/1	0.81	0.28	64,64,64,64	0
84	MG	8	204	1/1	0.81	0.14	56,56,56,56	0
84	MG	8	209	1/1	0.81	0.40	68,68,68,68	0
84	MG	1	3434	1/1	0.81	0.33	52,52,52,52	0
84	MG	5	3462	1/1	0.81	0.25	58,58,58,58	0
84	MG	3	206	1/1	0.81	0.37	59,59,59,59	0
84	MG	1	3501	1/1	0.81	0.38	43,43,43,43	0
84	MG	4	210	1/1	0.81	0.30	58,58,58,58	0
84	MG	n9	101	1/1	0.81	0.13	33,33,33,33	0
84	MG	1	3693	1/1	0.81	0.29	58,58,58,58	0
84	MG	2	1982	1/1	0.81	0.22	65,65,65,65	0
84	MG	5	3483	1/1	0.81	0.37	41,41,41,41	0
84	MG	5	3488	1/1	0.81	0.35	53,53,53,53	0
84	MG	O4	202	1/1	0.81	0.27	67,67,67,67	0
84	MG	1	3417	1/1	0.81	0.36	58,58,58,58	0
84	MG	5	3517	1/1	0.81	0.29	53,53,53,53	0
84	MG	5	3684	1/1	0.81	0.21	77,77,77,77	0
84	MG	1	3526	1/1	0.81	0.24	52,52,52,52	0
85	OHX	1	4012	7/7	0.81	0.21	116,116,116,116	0
84	MG	6	1901	1/1	0.81	0.31	50,50,50,50	0
85	OHX	6	2148	7/7	0.81	0.23	114,114,114,114	0
84	MG	2	1972	1/1	0.81	0.24	71,71,71,71	0
84	MG	5	3541	1/1	0.81	0.34	50,50,50,50	0
84	MG	1	3583	1/1	0.81	0.12	61,61,61,61	0
85	OHX	5	4001	7/7	0.81	0.21	130,130,130,130	0
84	MG	5	3709	1/1	0.81	0.24	61,61,61,61	0
84	MG	5	3571	1/1	0.81	0.43	53,53,53,53	0
84	MG	6	1948	1/1	0.81	0.37	47,47,47,47	0
86	ZN	D7	101	1/1	0.81	0.16	115,115,115,115	0
84	MG	5	3421	1/1	0.81	0.27	50,50,50,50	0
84	MG	1	3402	1/1	0.82	0.37	46,46,46,46	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	2	1930	1/1	0.82	0.44	58,58,58,58	0
84	MG	5	3618	1/1	0.82	0.32	40,40,40,40	0
84	MG	5	3621	1/1	0.82	0.39	40,40,40,40	0
85	OHX	2	2110	7/7	0.82	0.20	130,130,130,130	0
84	MG	1	3494	1/1	0.82	0.25	52,52,52,52	0
84	MG	1	3531	1/1	0.82	0.38	45,45,45,45	0
84	MG	5	3520	1/1	0.82	0.35	40,40,40,40	0
84	MG	5	3441	1/1	0.82	0.34	65,65,65,65	0
84	MG	2	1977	1/1	0.82	0.29	75,75,75,75	0
84	MG	1	3436	1/1	0.82	0.31	38,38,38,38	0
84	MG	5	4076	1/1	0.82	0.17	52,52,52,52	0
85	OHX	M9	201	7/7	0.82	0.18	124,124,124,124	0
84	MG	5	4078	1/1	0.82	0.18	40,40,40,40	0
84	MG	3	204	1/1	0.82	0.50	40,40,40,40	0
84	MG	2	1919	1/1	0.82	0.48	73,73,73,73	0
84	MG	2	1907	1/1	0.82	0.41	64,64,64,64	0
84	MG	4	207	1/1	0.82	0.30	49,49,49,49	0
84	MG	1	3616	1/1	0.82	0.50	81,81,81,81	0
84	MG	12	303	1/1	0.82	0.60	46,46,46,46	0
85	OHX	5	4058	7/7	0.82	0.21	115,115,115,115	0
84	MG	6	1918	1/1	0.82	0.34	58,58,58,58	0
84	MG	1	3512	1/1	0.82	0.35	55,55,55,55	0
85	OHX	7	221	7/7	0.82	0.20	110,110,110,110	0
84	MG	5	3403	1/1	0.82	0.14	45,45,45,45	0
84	MG	1	3621	1/1	0.82	0.21	36,36,36,36	0
84	MG	1	3559	1/1	0.83	0.24	48,48,48,48	0
84	MG	6	1903	1/1	0.83	0.38	45,45,45,45	0
84	MG	6	1936	1/1	0.83	0.27	42,42,42,42	0
84	MG	2	1933	1/1	0.83	0.41	74,74,74,74	0
85	OHX	2	2108	7/7	0.83	0.16	145,145,145,145	0
84	MG	5	3598	1/1	0.83	0.13	42,42,42,42	0
84	MG	5	3470	1/1	0.83	0.20	32,32,32,32	0
84	MG	1	3599	1/1	0.83	0.19	59,59,59,59	0
84	MG	2	1938	1/1	0.83	0.36	75,75,75,75	0
84	MG	6	1942	1/1	0.83	0.43	79,79,79,79	0
84	MG	5	3721	1/1	0.83	0.28	35,35,35,35	0
84	MG	1	3411	1/1	0.83	0.26	51,51,51,51	0
84	MG	5	3484	1/1	0.83	0.30	35,35,35,35	0
85	OHX	1	3960	7/7	0.83	0.19	122,122,122,122	0
84	MG	6	1977	1/1	0.83	0.38	79,79,79,79	0
85	OHX	1	4024	7/7	0.83	0.14	155,155,155,155	0
85	OHX	4	229	7/7	0.83	0.21	113,113,113,113	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	1	3707	1/1	0.83	0.31	53,53,53,53	0
85	OHX	N8	203	7/7	0.83	0.18	129,129,129,129	0
84	MG	5	3625	1/1	0.83	0.11	44,44,44,44	0
85	OHX	6	2132	7/7	0.83	0.20	112,112,112,112	0
84	MG	2	1966	1/1	0.83	0.39	67,67,67,67	0
84	MG	5	3637	1/1	0.83	0.23	49,49,49,49	0
85	OHX	6	2156	7/7	0.83	0.21	115,115,115,115	0
84	MG	1	3714	1/1	0.83	0.20	45,45,45,45	0
84	MG	6	1988	1/1	0.83	0.27	73,73,73,73	0
84	MG	1	3715	1/1	0.83	0.24	48,48,48,48	0
84	MG	1	3619	1/1	0.83	0.14	35,35,35,35	0
85	OHX	5	4055	7/7	0.83	0.22	114,114,114,114	0
84	MG	O7	103	1/1	0.83	0.14	64,64,64,64	0
84	MG	5	3660	1/1	0.83	0.33	41,41,41,41	0
85	OHX	5	4066	7/7	0.83	0.20	114,114,114,114	0
84	MG	1	3552	1/1	0.83	0.42	44,44,44,44	0
84	MG	1	3556	1/1	0.83	0.34	30,30,30,30	0
84	MG	5	3677	1/1	0.83	0.34	41,41,41,41	0
84	MG	5	3555	1/1	0.83	0.34	44,44,44,44	0
84	MG	5	3503	1/1	0.84	0.36	40,40,40,40	0
84	MG	1	3564	1/1	0.84	0.42	40,40,40,40	0
85	OHX	2	2098	7/7	0.84	0.23	125,125,125,125	0
84	MG	6	1931	1/1	0.84	0.27	48,48,48,48	0
84	MG	5	3522	1/1	0.84	0.32	43,43,43,43	0
85	OHX	2	2107	7/7	0.84	0.18	126,126,126,126	0
84	MG	1	3444	1/1	0.84	0.32	51,51,51,51	0
84	MG	5	3411	1/1	0.84	0.20	34,34,34,34	0
84	MG	5	3680	1/1	0.84	0.25	53,53,53,53	0
84	MG	1	3485	1/1	0.84	0.33	37,37,37,37	0
84	MG	1	3668	1/1	0.84	0.31	66,66,66,66	0
85	OHX	2	2116	7/7	0.84	0.22	109,109,109,109	0
84	MG	2	1967	1/1	0.84	0.16	83,83,83,83	0
84	MG	SM	201	1/1	0.84	0.33	56,56,56,56	0
84	MG	5	3559	1/1	0.84	0.18	40,40,40,40	0
84	MG	1	3681	1/1	0.84	0.12	45,45,45,45	0
84	MG	5	3704	1/1	0.84	0.27	54,54,54,54	0
84	MG	2	1976	1/1	0.84	0.46	68,68,68,68	0
84	MG	5	3588	1/1	0.84	0.29	57,57,57,57	0
84	MG	5	3456	1/1	0.84	0.32	54,54,54,54	0
84	MG	2	1970	1/1	0.84	0.28	76,76,76,76	0
84	MG	1	3689	1/1	0.84	0.22	57,57,57,57	0
84	MG	5	3602	1/1	0.84	0.33	49,49,49,49	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	1	3462	1/1	0.84	0.30	38,38,38,38	0
84	MG	5	3461	1/1	0.84	0.12	40,40,40,40	0
84	MG	4	202	1/1	0.84	0.37	57,57,57,57	0
84	MG	5	3463	1/1	0.84	0.29	41,41,41,41	0
84	MG	1	3466	1/1	0.84	0.37	57,57,57,57	0
84	MG	1	3510	1/1	0.84	0.26	31,31,31,31	0
85	OHX	5	3938	7/7	0.84	0.18	115,115,115,115	0
84	MG	4	208	1/1	0.84	0.11	54,54,54,54	0
85	OHX	5	4008	7/7	0.84	0.16	144,144,144,144	0
84	MG	6	1923	1/1	0.84	0.38	68,68,68,68	0
85	OHX	5	4043	7/7	0.84	0.36	96,96,96,96	0
84	MG	2	1929	1/1	0.84	0.49	67,67,67,67	0
84	MG	6	2007	1/1	0.84	0.12	61,61,61,61	0
84	MG	6	2008	1/1	0.84	0.28	47,47,47,47	0
84	MG	1	3514	1/1	0.84	0.31	33,33,33,33	0
84	MG	1	3656	1/1	0.84	0.36	46,46,46,46	0
84	MG	c1	201	1/1	0.84	0.32	53,53,53,53	0
84	MG	M7	204	1/1	0.84	0.17	40,40,40,40	0
84	MG	m7	203	1/1	0.84	0.36	40,40,40,40	0
84	MG	l3	405	1/1	0.85	0.37	34,34,34,34	0
84	MG	1	3479	1/1	0.85	0.13	64,64,64,64	0
84	MG	1	3502	1/1	0.85	0.33	39,39,39,39	0
84	MG	1	3593	1/1	0.85	0.12	39,39,39,39	0
84	MG	1	3517	1/1	0.85	0.34	51,51,51,51	0
84	MG	5	3645	1/1	0.85	0.14	33,33,33,33	0
84	MG	5	3508	1/1	0.85	0.32	34,34,34,34	0
84	MG	1	3536	1/1	0.85	0.26	56,56,56,56	0
84	MG	5	3410	1/1	0.85	0.37	42,42,42,42	0
84	MG	1	3600	1/1	0.85	0.32	52,52,52,52	0
84	MG	5	3672	1/1	0.85	0.25	40,40,40,40	0
84	MG	5	3529	1/1	0.85	0.47	58,58,58,58	0
84	MG	6	1973	1/1	0.85	0.21	78,78,78,78	0
85	OHX	2	2112	7/7	0.85	0.19	116,116,116,116	0
85	OHX	2	2113	7/7	0.85	0.20	110,110,110,110	0
84	MG	L2	301	1/1	0.85	0.27	39,39,39,39	0
84	MG	5	3420	1/1	0.85	0.28	60,60,60,60	0
84	MG	6	1929	1/1	0.85	0.28	67,67,67,67	0
84	MG	5	3429	1/1	0.85	0.18	78,78,78,78	0
84	MG	5	3688	1/1	0.85	0.22	33,33,33,33	0
85	OHX	S6	301	7/7	0.85	0.18	117,117,117,117	0
84	MG	1	3486	1/1	0.85	0.37	36,36,36,36	0
84	MG	1	3604	1/1	0.85	0.12	47,47,47,47	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	1	3992	7/7	0.85	0.21	116,116,116,116	0
84	MG	6	1932	1/1	0.85	0.57	62,62,62,62	0
85	OHX	1	4014	7/7	0.85	0.18	110,110,110,110	0
84	MG	1	3520	1/1	0.85	0.26	42,42,42,42	0
84	MG	5	3701	1/1	0.85	0.14	47,47,47,47	0
84	MG	1	3610	1/1	0.85	0.33	42,42,42,42	0
84	MG	5	3589	1/1	0.85	0.28	37,37,37,37	0
84	MG	1	3611	1/1	0.85	0.09	39,39,39,39	0
84	MG	1	3614	1/1	0.85	0.10	55,55,55,55	0
85	OHX	6	2142	7/7	0.85	0.20	117,117,117,117	0
84	MG	5	3597	1/1	0.85	0.13	29,29,29,29	0
85	OHX	6	2151	7/7	0.85	0.19	127,127,127,127	0
84	MG	1	3665	1/1	0.85	0.29	67,67,67,67	0
84	MG	1	3666	1/1	0.85	0.19	45,45,45,45	0
84	MG	5	3734	1/1	0.85	0.21	60,60,60,60	0
84	MG	1	3718	1/1	0.85	0.09	78,78,78,78	0
84	MG	1	3549	1/1	0.85	0.39	53,53,53,53	0
85	OHX	5	3969	7/7	0.85	0.15	138,138,138,138	0
84	MG	1	3618	1/1	0.85	0.36	62,62,62,62	0
84	MG	5	3469	1/1	0.85	0.27	58,58,58,58	0
84	MG	6	1908	1/1	0.85	0.26	51,51,51,51	0
84	MG	5	3617	1/1	0.85	0.22	46,46,46,46	0
85	OHX	5	4050	7/7	0.85	0.13	158,158,158,158	0
84	MG	1	3571	1/1	0.85	0.28	35,35,35,35	0
84	MG	5	3619	1/1	0.85	0.19	37,37,37,37	0
84	MG	1	3581	1/1	0.85	0.27	45,45,45,45	0
84	MG	1	3679	1/1	0.85	0.14	34,34,34,34	0
84	MG	5	3624	1/1	0.85	0.09	41,41,41,41	0
84	MG	1	3412	1/1	0.85	0.28	42,42,42,42	0
85	OHX	13	408	7/7	0.85	0.19	111,111,111,111	0
84	MG	6	1917	1/1	0.85	0.44	75,75,75,75	0
84	MG	5	3633	1/1	0.85	0.40	36,36,36,36	0
85	OHX	2	2085	7/7	0.86	0.20	114,114,114,114	0
85	OHX	2	2096	7/7	0.86	0.17	122,122,122,122	0
84	MG	5	3413	1/1	0.86	0.33	41,41,41,41	0
85	OHX	2	2101	7/7	0.86	0.16	129,129,129,129	0
84	MG	5	3527	1/1	0.86	0.40	69,69,69,69	0
84	MG	1	3587	1/1	0.86	0.23	42,42,42,42	0
84	MG	1	3712	1/1	0.86	0.16	41,41,41,41	0
84	MG	5	3667	1/1	0.86	0.24	38,38,38,38	0
84	MG	1	3488	1/1	0.86	0.22	33,33,33,33	0
84	MG	1	3429	1/1	0.86	0.34	51,51,51,51	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	1	3471	1/1	0.86	0.25	58,58,58,58	0
84	MG	5	3550	1/1	0.86	0.34	31,31,31,31	0
84	MG	6	1986	1/1	0.86	0.18	57,57,57,57	0
84	MG	1	3628	1/1	0.86	0.31	50,50,50,50	0
84	MG	5	3442	1/1	0.86	0.29	36,36,36,36	0
84	MG	5	3450	1/1	0.86	0.13	58,58,58,58	0
84	MG	6	1941	1/1	0.86	0.38	43,43,43,43	0
84	MG	5	3577	1/1	0.86	0.23	45,45,45,45	0
84	MG	6	1992	1/1	0.86	0.42	60,60,60,60	0
85	OHX	1	3921	7/7	0.86	0.24	110,110,110,110	0
84	MG	1	3598	1/1	0.86	0.17	39,39,39,39	0
84	MG	1	3445	1/1	0.86	0.28	40,40,40,40	0
84	MG	5	3459	1/1	0.86	0.26	40,40,40,40	0
84	MG	1	3477	1/1	0.86	0.20	54,54,54,54	0
84	MG	1	3685	1/1	0.86	0.19	39,39,39,39	0
85	OHX	1	4021	7/7	0.86	0.16	128,128,128,128	0
84	MG	5	3601	1/1	0.86	0.29	38,38,38,38	0
85	OHX	1	4028	7/7	0.86	0.19	115,115,115,115	0
84	MG	1	3529	1/1	0.86	0.35	50,50,50,50	0
84	MG	5	3605	1/1	0.86	0.10	37,37,37,37	0
84	MG	1	3405	1/1	0.86	0.43	63,63,63,63	0
84	MG	5	3609	1/1	0.86	0.28	55,55,55,55	0
84	MG	6	2004	1/1	0.86	0.19	70,70,70,70	0
85	OHX	6	2137	7/7	0.86	0.17	127,127,127,127	0
84	MG	2	1936	1/1	0.86	0.24	73,73,73,73	0
84	MG	5	3468	1/1	0.86	0.29	51,51,51,51	0
85	OHX	6	2149	7/7	0.86	0.16	132,132,132,132	0
84	MG	5	3615	1/1	0.86	0.32	56,56,56,56	0
84	MG	1	3647	1/1	0.86	0.32	49,49,49,49	0
84	MG	1	3609	1/1	0.86	0.26	41,41,41,41	0
84	MG	7	209	1/1	0.86	0.32	51,51,51,51	0
84	MG	4	209	1/1	0.86	0.16	54,54,54,54	0
85	OHX	c3	201	7/7	0.86	0.17	113,113,113,113	0
84	MG	5	3474	1/1	0.86	0.22	54,54,54,54	0
84	MG	1	3698	1/1	0.86	0.26	49,49,49,49	0
84	MG	8	206	1/1	0.86	0.34	52,52,52,52	0
84	MG	1	3418	1/1	0.86	0.37	66,66,66,66	0
85	OHX	5	4020	7/7	0.86	0.34	101,101,101,101	0
84	MG	1	3424	1/1	0.86	0.30	45,45,45,45	0
84	MG	6	1964	1/1	0.86	0.28	73,73,73,73	0
84	MG	sM	201	1/1	0.86	0.30	44,44,44,44	0
84	MG	L7	301	1/1	0.86	0.21	42,42,42,42	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	1	3415	1/1	0.86	0.33	41,41,41,41	0
85	OHX	5	4060	7/7	0.86	0.16	125,125,125,125	0
84	MG	M7	201	1/1	0.86	0.36	60,60,60,60	0
84	MG	m5	301	1/1	0.86	0.25	48,48,48,48	0
84	MG	5	3406	1/1	0.86	0.18	47,47,47,47	0
85	OHX	7	220	7/7	0.86	0.32	110,110,110,110	0
84	MG	1	3542	1/1	0.86	0.29	46,46,46,46	0
84	MG	1	3545	1/1	0.86	0.40	36,36,36,36	0
85	OHX	2	2059	7/7	0.86	0.19	119,119,119,119	0
85	OHX	2	2075	7/7	0.86	0.22	115,115,115,115	0
84	MG	1	3568	1/1	0.87	0.34	40,40,40,40	0
84	MG	1	3706	1/1	0.87	0.57	32,32,32,32	0
84	MG	5	3455	1/1	0.87	0.29	50,50,50,50	0
84	MG	5	3737	1/1	0.87	0.13	52,52,52,52	0
84	MG	6	1965	1/1	0.87	0.23	56,56,56,56	0
85	OHX	S8	301	7/7	0.87	0.16	124,124,124,124	0
85	OHX	1	3905	7/7	0.87	0.26	79,79,79,79	0
84	MG	6	1968	1/1	0.87	0.29	55,55,55,55	0
84	MG	5	4071	1/1	0.87	0.21	43,43,43,43	0
85	OHX	1	3943	7/7	0.87	0.17	112,112,112,112	0
84	MG	5	4072	1/1	0.87	0.23	33,33,33,33	0
85	OHX	1	3974	7/7	0.87	0.15	127,127,127,127	0
84	MG	1	3456	1/1	0.87	0.12	32,32,32,32	0
84	MG	5	3627	1/1	0.87	0.30	34,34,34,34	0
84	MG	1	3442	1/1	0.87	0.10	41,41,41,41	0
85	OHX	1	4016	7/7	0.87	0.38	109,109,109,109	0
85	OHX	1	4020	7/7	0.87	0.21	118,118,118,118	0
84	MG	2	1951	1/1	0.87	0.28	58,58,58,58	0
84	MG	1	3661	1/1	0.87	0.22	55,55,55,55	0
84	MG	5	3638	1/1	0.87	0.12	37,37,37,37	0
85	OHX	1	4029	7/7	0.87	0.41	89,89,89,89	0
84	MG	5	3542	1/1	0.87	0.43	36,36,36,36	0
84	MG	1	3663	1/1	0.87	0.09	36,36,36,36	0
84	MG	6	1911	1/1	0.87	0.31	52,52,52,52	0
85	OHX	6	2095	7/7	0.87	0.18	119,119,119,119	0
85	OHX	6	2127	7/7	0.87	0.15	138,138,138,138	0
84	MG	1	3435	1/1	0.87	0.22	41,41,41,41	0
84	MG	1	3409	1/1	0.87	0.35	40,40,40,40	0
85	OHX	6	2134	7/7	0.87	0.18	112,112,112,112	0
84	MG	6	1916	1/1	0.87	0.30	46,46,46,46	0
84	MG	1	3721	1/1	0.87	0.35	42,42,42,42	0
84	MG	6	1949	1/1	0.87	0.43	76,76,76,76	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	5	3578	1/1	0.87	0.48	40,40,40,40	0
84	MG	17	301	1/1	0.87	0.10	37,37,37,37	0
84	MG	19	201	1/1	0.87	0.10	45,45,45,45	0
84	MG	5	3471	1/1	0.87	0.32	68,68,68,68	0
84	MG	6	1987	1/1	0.87	0.20	55,55,55,55	0
84	MG	1	3642	1/1	0.87	0.28	48,48,48,48	0
84	MG	1	3723	1/1	0.87	0.22	37,37,37,37	0
85	OHX	2	2034	7/7	0.87	0.20	113,113,113,113	0
85	OHX	5	3959	7/7	0.87	0.17	118,118,118,118	0
84	MG	O4	201	1/1	0.87	0.37	51,51,51,51	0
85	OHX	5	3988	7/7	0.87	0.18	116,116,116,116	0
84	MG	5	3418	1/1	0.87	0.28	41,41,41,41	0
85	OHX	2	2076	7/7	0.87	0.17	135,135,135,135	0
85	OHX	5	4009	7/7	0.87	0.18	115,115,115,115	0
84	MG	5	3599	1/1	0.87	0.20	43,43,43,43	0
85	OHX	2	2089	7/7	0.87	0.20	113,113,113,113	0
85	OHX	5	4029	7/7	0.87	0.16	128,128,128,128	0
84	MG	2	1918	1/1	0.87	0.46	64,64,64,64	0
84	MG	5	3485	1/1	0.87	0.17	37,37,37,37	0
84	MG	5	3486	1/1	0.87	0.29	48,48,48,48	0
84	MG	2	1911	1/1	0.87	0.56	69,69,69,69	0
84	MG	5	3498	1/1	0.87	0.26	41,41,41,41	0
84	MG	3	203	1/1	0.87	0.20	44,44,44,44	0
84	MG	5	3611	1/1	0.87	0.25	40,40,40,40	0
85	OHX	5	4068	7/7	0.87	0.24	96,96,96,96	0
84	MG	1	3674	1/1	0.87	0.25	37,37,37,37	0
84	MG	5	3501	1/1	0.87	0.39	27,27,27,27	0
84	MG	6	1928	1/1	0.87	0.34	51,51,51,51	0
84	MG	1	3543	1/1	0.87	0.24	34,34,34,34	0
84	MG	5	3722	1/1	0.87	0.19	55,55,55,55	0
84	MG	5	3515	1/1	0.87	0.26	52,52,52,52	0
84	MG	l3	402	1/1	0.88	0.13	32,32,32,32	0
84	MG	4	214	1/1	0.88	0.26	53,53,53,53	0
84	MG	1	3626	1/1	0.88	0.15	44,44,44,44	0
84	MG	1	3697	1/1	0.88	0.15	41,41,41,41	0
84	MG	5	3604	1/1	0.88	0.25	36,36,36,36	0
84	MG	5	3509	1/1	0.88	0.25	47,47,47,47	0
84	MG	1	3672	1/1	0.88	0.18	42,42,42,42	0
84	MG	1	3649	1/1	0.88	0.24	43,43,43,43	0
85	OHX	3	218	7/7	0.88	0.19	125,125,125,125	0
84	MG	m7	201	1/1	0.88	0.10	37,37,37,37	0
84	MG	1	4040	1/1	0.88	0.21	39,39,39,39	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	n3	201	1/1	0.88	0.28	28,28,28,28	0
84	MG	6	1979	1/1	0.88	0.27	52,52,52,52	0
85	OHX	6	2112	7/7	0.88	0.17	115,115,115,115	0
84	MG	5	3524	1/1	0.88	0.38	34,34,34,34	0
84	MG	6	1947	1/1	0.88	0.38	53,53,53,53	0
85	OHX	2	2052	7/7	0.88	0.16	117,117,117,117	0
84	MG	N8	201	1/1	0.88	0.14	37,37,37,37	0
84	MG	1	3469	1/1	0.88	0.44	51,51,51,51	0
84	MG	6	1922	1/1	0.88	0.40	48,48,48,48	0
85	OHX	2	2080	7/7	0.88	0.18	112,112,112,112	0
84	MG	5	3409	1/1	0.88	0.29	58,58,58,58	0
84	MG	1	3503	1/1	0.88	0.41	33,33,33,33	0
84	MG	1	3507	1/1	0.88	0.29	34,34,34,34	0
84	MG	1	3680	1/1	0.88	0.10	40,40,40,40	0
84	MG	5	3725	1/1	0.88	0.24	38,38,38,38	0
84	MG	5	3728	1/1	0.88	0.30	50,50,50,50	0
85	OHX	s8	302	7/7	0.88	0.15	132,132,132,132	0
85	OHX	2	2105	7/7	0.88	0.21	114,114,114,114	0
84	MG	1	3516	1/1	0.88	0.40	40,40,40,40	0
84	MG	5	3473	1/1	0.88	0.30	44,44,44,44	0
84	MG	5	3557	1/1	0.88	0.45	42,42,42,42	0
84	MG	1	3539	1/1	0.88	0.42	44,44,44,44	0
84	MG	5	3561	1/1	0.88	0.49	48,48,48,48	0
85	OHX	5	4004	7/7	0.88	0.15	119,119,119,119	0
84	MG	1	3640	1/1	0.88	0.25	74,74,74,74	0
84	MG	5	3572	1/1	0.88	0.33	28,28,28,28	0
84	MG	6	1995	1/1	0.88	0.43	52,52,52,52	0
85	OHX	2	2114	7/7	0.88	0.12	170,170,170,170	0
84	MG	1	3493	1/1	0.88	0.34	30,30,30,30	0
84	MG	1	3623	1/1	0.88	0.17	51,51,51,51	0
84	MG	5	3584	1/1	0.88	0.11	45,45,45,45	0
84	MG	7	201	1/1	0.88	0.39	49,49,49,49	0
84	MG	7	206	1/1	0.88	0.34	42,42,42,42	0
84	MG	5	3647	1/1	0.88	0.13	41,41,41,41	0
84	MG	5	3585	1/1	0.88	0.16	39,39,39,39	0
84	MG	6	1905	1/1	0.88	0.41	61,61,61,61	0
84	MG	1	3612	1/1	0.88	0.16	40,40,40,40	0
84	MG	4	211	1/1	0.88	0.21	42,42,42,42	0
84	MG	5	3447	1/1	0.88	0.30	34,34,34,34	0
84	MG	6	1934	1/1	0.88	0.32	67,67,67,67	0
85	OHX	1	3973	7/7	0.88	0.38	105,105,105,105	0
84	MG	1	3645	1/1	0.88	0.30	69,69,69,69	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	l3	401	1/1	0.88	0.38	29,29,29,29	0
85	OHX	C3	201	7/7	0.89	0.16	115,115,115,115	0
85	OHX	C5	201	7/7	0.89	0.14	127,127,127,127	0
84	MG	5	3528	1/1	0.89	0.24	36,36,36,36	0
84	MG	O2	201	1/1	0.89	0.16	35,35,35,35	0
84	MG	1	3660	1/1	0.89	0.12	47,47,47,47	0
84	MG	1	3633	1/1	0.89	0.27	56,56,56,56	0
84	MG	5	3534	1/1	0.89	0.30	36,36,36,36	0
84	MG	5	3635	1/1	0.89	0.15	66,66,66,66	0
84	MG	1	3695	1/1	0.89	0.21	40,40,40,40	0
85	OHX	1	3991	7/7	0.89	0.17	119,119,119,119	0
84	MG	1	3585	1/1	0.89	0.33	59,59,59,59	0
85	OHX	1	4002	7/7	0.89	0.17	112,112,112,112	0
84	MG	6	1966	1/1	0.89	0.29	53,53,53,53	0
84	MG	5	3642	1/1	0.89	0.10	37,37,37,37	0
84	MG	2	1942	1/1	0.89	0.25	69,69,69,69	0
84	MG	5	3552	1/1	0.89	0.35	36,36,36,36	0
84	MG	1	3448	1/1	0.89	0.47	64,64,64,64	0
84	MG	5	3646	1/1	0.89	0.09	35,35,35,35	0
84	MG	5	3464	1/1	0.89	0.25	29,29,29,29	0
84	MG	3	205	1/1	0.89	0.27	66,66,66,66	0
84	MG	1	3524	1/1	0.89	0.28	43,43,43,43	0
84	MG	5	3659	1/1	0.89	0.11	41,41,41,41	0
85	OHX	4	230	7/7	0.89	0.38	108,108,108,108	0
84	MG	1	3565	1/1	0.89	0.27	32,32,32,32	0
84	MG	6	1935	1/1	0.89	0.40	44,44,44,44	0
85	OHX	6	2093	7/7	0.89	0.16	117,117,117,117	0
84	MG	m5	303	1/1	0.89	0.32	46,46,46,46	0
84	MG	1	3419	1/1	0.89	0.31	44,44,44,44	0
85	OHX	6	2114	7/7	0.89	0.19	114,114,114,114	0
84	MG	1	3495	1/1	0.89	0.35	41,41,41,41	0
85	OHX	6	2128	7/7	0.89	0.19	112,112,112,112	0
84	MG	n0	202	1/1	0.89	0.11	40,40,40,40	0
84	MG	5	3576	1/1	0.89	0.32	34,34,34,34	0
84	MG	5	3408	1/1	0.89	0.26	42,42,42,42	0
84	MG	1	3422	1/1	0.89	0.23	55,55,55,55	0
85	OHX	6	2141	7/7	0.89	0.33	109,109,109,109	0
84	MG	o1	201	1/1	0.89	0.13	49,49,49,49	0
85	OHX	6	2145	7/7	0.89	0.33	106,106,106,106	0
84	MG	5	3581	1/1	0.89	0.39	35,35,35,35	0
84	MG	5	3583	1/1	0.89	0.19	42,42,42,42	0
84	MG	6	1939	1/1	0.89	0.31	56,56,56,56	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
85	OHX	2	2071	7/7	0.89	0.16	127,127,127,127	0
84	MG	1	3468	1/1	0.89	0.25	59,59,59,59	0
84	MG	1	3433	1/1	0.89	0.23	36,36,36,36	0
85	OHX	2	2077	7/7	0.89	0.17	110,110,110,110	0
84	MG	5	3481	1/1	0.89	0.33	35,35,35,35	0
85	OHX	2	2083	7/7	0.89	0.18	115,115,115,115	0
85	OHX	d4	201	7/7	0.89	0.17	115,115,115,115	0
85	OHX	5	3937	7/7	0.89	0.19	112,112,112,112	0
84	MG	5	3414	1/1	0.89	0.19	31,31,31,31	0
85	OHX	5	3945	7/7	0.89	0.15	119,119,119,119	0
84	MG	1	3651	1/1	0.89	0.14	36,36,36,36	0
85	OHX	2	2091	7/7	0.89	0.16	122,122,122,122	0
84	MG	4	212	1/1	0.89	0.15	54,54,54,54	0
84	MG	1	3713	1/1	0.89	0.07	45,45,45,45	0
85	OHX	2	2100	7/7	0.89	0.17	116,116,116,116	0
84	MG	1	3575	1/1	0.89	0.34	40,40,40,40	0
84	MG	5	3491	1/1	0.89	0.36	42,42,42,42	0
84	MG	5	3492	1/1	0.89	0.33	41,41,41,41	0
84	MG	5	3493	1/1	0.89	0.42	34,34,34,34	0
84	MG	1	3653	1/1	0.89	0.10	40,40,40,40	0
85	OHX	5	4033	7/7	0.89	0.31	105,105,105,105	0
84	MG	5	3426	1/1	0.89	0.19	36,36,36,36	0
84	MG	1	3717	1/1	0.89	0.19	60,60,60,60	0
84	MG	5	3435	1/1	0.89	0.15	34,34,34,34	0
84	MG	6	1919	1/1	0.89	0.43	67,67,67,67	0
84	MG	5	3733	1/1	0.89	0.24	32,32,32,32	0
84	MG	6	1920	1/1	0.89	0.36	42,42,42,42	0
85	OHX	5	4063	7/7	0.89	0.18	121,121,121,121	0
84	MG	1	3579	1/1	0.89	0.30	40,40,40,40	0
84	MG	5	3445	1/1	0.89	0.42	49,49,49,49	0
84	MG	1	3458	1/1	0.89	0.30	59,59,59,59	0
84	MG	6	2000	1/1	0.89	0.20	86,86,86,86	0
84	MG	5	3521	1/1	0.89	0.27	39,39,39,39	0
84	MG	1	3557	1/1	0.89	0.41	37,37,37,37	0
84	MG	5	3452	1/1	0.89	0.24	43,43,43,43	0
86	ZN	d7	101	1/1	0.89	0.13	106,106,106,106	0
86	ZN	e1	501	1/1	0.89	0.07	160,160,160,160	0
84	MG	1	3691	1/1	0.89	0.14	54,54,54,54	0
85	OHX	1	3985	7/7	0.90	0.41	97,97,97,97	0
85	OHX	1	3986	7/7	0.90	0.16	112,112,112,112	0
84	MG	1	3578	1/1	0.90	0.19	35,35,35,35	0
84	MG	1	3719	1/1	0.90	0.24	45,45,45,45	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	l8	301	1/1	0.90	0.47	83,83,83,83	0
84	MG	5	3690	1/1	0.90	0.18	30,30,30,30	0
84	MG	5	3692	1/1	0.90	0.22	68,68,68,68	0
84	MG	1	3447	1/1	0.90	0.30	37,37,37,37	0
84	MG	m6	201	1/1	0.90	0.18	37,37,37,37	0
84	MG	5	3554	1/1	0.90	0.32	29,29,29,29	0
84	MG	m7	202	1/1	0.90	0.28	36,36,36,36	0
84	MG	1	3670	1/1	0.90	0.33	52,52,52,52	0
84	MG	6	1953	1/1	0.90	0.46	43,43,43,43	0
85	OHX	1	4035	7/7	0.90	0.21	105,105,105,105	0
85	OHX	1	4038	7/7	0.90	0.34	100,100,100,100	0
84	MG	1	3457	1/1	0.90	0.27	42,42,42,42	0
84	MG	5	3702	1/1	0.90	0.11	35,35,35,35	0
84	MG	1	3582	1/1	0.90	0.15	45,45,45,45	0
84	MG	5	3620	1/1	0.90	0.28	35,35,35,35	0
84	MG	5	3563	1/1	0.90	0.36	38,38,38,38	0
84	MG	5	3622	1/1	0.90	0.17	55,55,55,55	0
85	OHX	2	2055	7/7	0.90	0.29	111,111,111,111	0
84	MG	5	3718	1/1	0.90	0.08	40,40,40,40	0
85	OHX	2	2060	7/7	0.90	0.17	122,122,122,122	0
85	OHX	2	2067	7/7	0.90	0.28	106,106,106,106	0
84	MG	L3	401	1/1	0.90	0.38	53,53,53,53	0
85	OHX	2	2073	7/7	0.90	0.16	120,120,120,120	0
84	MG	2	1908	1/1	0.90	0.24	78,78,78,78	0
84	MG	5	3573	1/1	0.90	0.33	37,37,37,37	0
84	MG	1	3566	1/1	0.90	0.28	37,37,37,37	0
84	MG	1	4044	1/1	0.90	0.14	51,51,51,51	0
84	MG	5	3629	1/1	0.90	0.28	35,35,35,35	0
84	MG	5	3507	1/1	0.90	0.38	44,44,44,44	0
85	OHX	2	2087	7/7	0.90	0.17	119,119,119,119	0
84	MG	1	3423	1/1	0.90	0.19	36,36,36,36	0
85	OHX	2	2090	7/7	0.90	0.16	121,121,121,121	0
84	MG	1	3498	1/1	0.90	0.31	32,32,32,32	0
84	MG	5	3582	1/1	0.90	0.23	49,49,49,49	0
84	MG	1	3407	1/1	0.90	0.16	45,45,45,45	0
84	MG	1	3682	1/1	0.90	0.24	33,33,33,33	0
84	MG	5	3740	1/1	0.90	0.11	41,41,41,41	0
85	OHX	s9	201	7/7	0.90	0.37	96,96,96,96	0
84	MG	1	3451	1/1	0.90	0.24	47,47,47,47	0
85	OHX	c5	201	7/7	0.90	0.13	128,128,128,128	0
85	OHX	2	2103	7/7	0.90	0.14	132,132,132,132	0
85	OHX	5	3870	7/7	0.90	0.28	76,76,76,76	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	5	3932	7/7	0.90	0.26	75,75,75,75	0
84	MG	5	3587	1/1	0.90	0.19	39,39,39,39	0
84	MG	1	3596	1/1	0.90	0.15	46,46,46,46	0
85	OHX	5	3943	7/7	0.90	0.16	116,116,116,116	0
84	MG	5	4075	1/1	0.90	0.32	33,33,33,33	0
84	MG	1	3662	1/1	0.90	0.14	45,45,45,45	0
84	MG	5	3592	1/1	0.90	0.15	42,42,42,42	0
85	OHX	5	3982	7/7	0.90	0.30	80,80,80,80	0
84	MG	5	3650	1/1	0.90	0.20	46,46,46,46	0
84	MG	7	202	1/1	0.90	0.13	32,32,32,32	0
84	MG	7	205	1/1	0.90	0.37	35,35,35,35	0
85	OHX	5	4005	7/7	0.90	0.23	104,104,104,104	0
84	MG	6	1943	1/1	0.90	0.50	58,58,58,58	0
84	MG	5	3525	1/1	0.90	0.29	36,36,36,36	0
84	MG	1	3491	1/1	0.90	0.44	41,41,41,41	0
84	MG	5	3440	1/1	0.90	0.09	40,40,40,40	0
84	MG	8	203	1/1	0.90	0.34	43,43,43,43	0
84	MG	5	3663	1/1	0.90	0.27	62,62,62,62	0
84	MG	5	3476	1/1	0.90	0.32	51,51,51,51	0
85	OHX	5	4044	7/7	0.90	0.16	116,116,116,116	0
84	MG	8	207	1/1	0.90	0.27	51,51,51,51	0
84	MG	8	208	1/1	0.90	0.13	63,63,63,63	0
84	MG	6	1945	1/1	0.90	0.42	66,66,66,66	0
84	MG	8	210	1/1	0.90	0.17	57,57,57,57	0
85	OHX	D9	103	7/7	0.90	0.19	108,108,108,108	0
85	OHX	5	4062	7/7	0.90	0.41	84,84,84,84	0
85	OHX	1	3889	7/7	0.90	0.21	99,99,99,99	0
84	MG	5	3479	1/1	0.90	0.21	35,35,35,35	0
85	OHX	1	3914	7/7	0.90	0.14	111,111,111,111	0
85	OHX	1	3918	7/7	0.90	0.15	121,121,121,121	0
84	MG	6	1946	1/1	0.90	0.33	49,49,49,49	0
84	MG	1	3574	1/1	0.90	0.32	33,33,33,33	0
85	OHX	8	223	7/7	0.90	0.33	95,95,95,95	0
84	MG	6	1978	1/1	0.90	0.18	76,76,76,76	0
85	OHX	14	402	7/7	0.90	0.41	99,99,99,99	0
85	OHX	1	3950	7/7	0.90	0.15	121,121,121,121	0
84	MG	1	3492	1/1	0.90	0.32	39,39,39,39	0
84	MG	5	3543	1/1	0.90	0.39	37,37,37,37	0
84	MG	5	3685	1/1	0.90	0.10	36,36,36,36	0
84	MG	8	201	1/1	0.91	0.11	42,42,42,42	0
84	MG	5	3566	1/1	0.91	0.40	46,46,46,46	0
85	OHX	6	2077	7/7	0.91	0.18	100,100,100,100	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	6	2088	7/7	0.91	0.37	81,81,81,81	0
85	OHX	6	2090	7/7	0.91	0.17	115,115,115,115	0
84	MG	1	3528	1/1	0.91	0.23	34,34,34,34	0
84	MG	1	3432	1/1	0.91	0.21	49,49,49,49	0
85	OHX	6	2098	7/7	0.91	0.31	99,99,99,99	0
85	OHX	6	2105	7/7	0.91	0.18	115,115,115,115	0
85	OHX	6	2110	7/7	0.91	0.28	103,103,103,103	0
84	MG	1	3694	1/1	0.91	0.31	41,41,41,41	0
84	MG	1	3605	1/1	0.91	0.23	46,46,46,46	0
85	OHX	6	2116	7/7	0.91	0.14	111,111,111,111	0
85	OHX	2	2104	7/7	0.91	0.29	96,96,96,96	0
84	MG	1	3478	1/1	0.91	0.19	40,40,40,40	0
84	MG	5	3518	1/1	0.91	0.32	41,41,41,41	0
84	MG	5	3427	1/1	0.91	0.26	47,47,47,47	0
84	MG	12	301	1/1	0.91	0.41	48,48,48,48	0
85	OHX	6	2135	7/7	0.91	0.33	92,92,92,92	0
84	MG	5	3695	1/1	0.91	0.19	48,48,48,48	0
84	MG	1	3532	1/1	0.91	0.20	57,57,57,57	0
84	MG	1	3554	1/1	0.91	0.29	32,32,32,32	0
85	OHX	6	2143	7/7	0.91	0.33	97,97,97,97	0
84	MG	1	3631	1/1	0.91	0.33	49,49,49,49	0
85	OHX	6	2146	7/7	0.91	0.26	108,108,108,108	0
84	MG	1	3724	1/1	0.91	0.18	49,49,49,49	0
84	MG	5	3631	1/1	0.91	0.16	41,41,41,41	0
84	MG	1	3470	1/1	0.91	0.27	37,37,37,37	0
85	OHX	6	2154	7/7	0.91	0.31	100,100,100,100	0
84	MG	1	3590	1/1	0.91	0.27	60,60,60,60	0
84	MG	5	3713	1/1	0.91	0.25	33,33,33,33	0
84	MG	1	3482	1/1	0.91	0.17	53,53,53,53	0
84	MG	5	3715	1/1	0.91	0.12	39,39,39,39	0
84	MG	5	3446	1/1	0.91	0.13	45,45,45,45	0
84	MG	5	3720	1/1	0.91	0.15	32,32,32,32	0
84	MG	5	3640	1/1	0.91	0.18	51,51,51,51	0
84	MG	2	1980	1/1	0.91	0.18	58,58,58,58	0
84	MG	5	3449	1/1	0.91	0.13	34,34,34,34	0
85	OHX	sR	401	7/7	0.91	0.13	132,132,132,132	0
85	OHX	5	3860	7/7	0.91	0.14	122,122,122,122	0
85	OHX	1	3855	7/7	0.91	0.34	86,86,86,86	0
84	MG	3	202	1/1	0.91	0.46	67,67,67,67	0
84	MG	6	1960	1/1	0.91	0.21	45,45,45,45	0
84	MG	5	3405	1/1	0.91	0.17	43,43,43,43	0
84	MG	1	3577	1/1	0.91	0.28	46,46,46,46	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	n8	202	1/1	0.91	0.15	37,37,37,37	0
85	OHX	1	3922	7/7	0.91	0.40	92,92,92,92	0
85	OHX	1	3930	7/7	0.91	0.24	100,100,100,100	0
85	OHX	5	3976	7/7	0.91	0.20	107,107,107,107	0
84	MG	5	3544	1/1	0.91	0.31	32,32,32,32	0
85	OHX	5	3986	7/7	0.91	0.33	105,105,105,105	0
84	MG	5	3547	1/1	0.91	0.36	33,33,33,33	0
85	OHX	5	3992	7/7	0.91	0.37	97,97,97,97	0
85	OHX	5	3996	7/7	0.91	0.32	92,92,92,92	0
84	MG	q0	202	1/1	0.91	0.08	44,44,44,44	0
85	OHX	1	3955	7/7	0.91	0.28	108,108,108,108	0
84	MG	5	3549	1/1	0.91	0.41	48,48,48,48	0
84	MG	5	3490	1/1	0.91	0.44	39,39,39,39	0
84	MG	5	3658	1/1	0.91	0.20	46,46,46,46	0
85	OHX	5	4010	7/7	0.91	0.39	75,75,75,75	0
85	OHX	5	4013	7/7	0.91	0.38	96,96,96,96	0
85	OHX	2	2058	7/7	0.91	0.13	89,89,89,89	0
84	MG	5	3607	1/1	0.91	0.11	38,38,38,38	0
84	MG	N3	201	1/1	0.91	0.28	40,40,40,40	0
85	OHX	2	2063	7/7	0.91	0.11	160,160,160,160	0
85	OHX	5	4039	7/7	0.91	0.32	105,105,105,105	0
85	OHX	5	4040	7/7	0.91	0.39	102,102,102,102	0
85	OHX	1	4000	7/7	0.91	0.28	109,109,109,109	0
84	MG	5	3662	1/1	0.91	0.18	34,34,34,34	0
85	OHX	5	4045	7/7	0.91	0.36	99,99,99,99	0
85	OHX	1	4007	7/7	0.91	0.35	101,101,101,101	0
85	OHX	5	4053	7/7	0.91	0.21	105,105,105,105	0
84	MG	5	4073	1/1	0.91	0.42	31,31,31,31	0
84	MG	1	3438	1/1	0.91	0.28	32,32,32,32	0
84	MG	1	3664	1/1	0.91	0.13	36,36,36,36	0
85	OHX	1	4017	7/7	0.91	0.39	68,68,68,68	0
85	OHX	1	4018	7/7	0.91	0.25	88,88,88,88	0
84	MG	1	3474	1/1	0.91	0.30	53,53,53,53	0
84	MG	5	4077	1/1	0.91	0.45	38,38,38,38	0
84	MG	5	3669	1/1	0.91	0.28	39,39,39,39	0
85	OHX	2	2082	7/7	0.91	0.17	114,114,114,114	0
84	MG	5	3612	1/1	0.91	0.28	40,40,40,40	0
85	OHX	1	4030	7/7	0.91	0.35	98,98,98,98	0
85	OHX	8	222	7/7	0.91	0.15	114,114,114,114	0
85	OHX	1	4034	7/7	0.91	0.30	104,104,104,104	0
84	MG	4	201	1/1	0.91	0.41	53,53,53,53	0
85	OHX	1	4037	7/7	0.91	0.34	98,98,98,98	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	6	1967	1/1	0.91	0.20	51,51,51,51	0
84	MG	1	3475	1/1	0.91	0.33	40,40,40,40	0
84	MG	5	3416	1/1	0.91	0.21	38,38,38,38	0
84	MG	5	3682	1/1	0.91	0.13	35,35,35,35	0
84	MG	5	3531	1/1	0.92	0.30	56,56,56,56	0
84	MG	5	3673	1/1	0.92	0.20	34,34,34,34	0
85	OHX	6	2103	7/7	0.92	0.13	131,131,131,131	0
84	MG	1	3464	1/1	0.92	0.20	36,36,36,36	0
84	MG	5	3676	1/1	0.92	0.12	63,63,63,63	0
84	MG	1	3489	1/1	0.92	0.48	49,49,49,49	0
84	MG	1	3530	1/1	0.92	0.41	41,41,41,41	0
84	MG	6	1991	1/1	0.92	0.08	50,50,50,50	0
84	MG	6	1954	1/1	0.92	0.42	51,51,51,51	0
84	MG	1	4043	1/1	0.92	0.33	33,33,33,33	0
85	OHX	6	2129	7/7	0.92	0.10	152,152,152,152	0
84	MG	1	3515	1/1	0.92	0.33	41,41,41,41	0
84	MG	5	3424	1/1	0.92	0.25	32,32,32,32	0
84	MG	1	3481	1/1	0.92	0.20	45,45,45,45	0
84	MG	1	3558	1/1	0.92	0.30	45,45,45,45	0
85	OHX	6	2136	7/7	0.92	0.30	108,108,108,108	0
84	MG	1	3533	1/1	0.92	0.28	39,39,39,39	0
84	MG	5	3433	1/1	0.92	0.27	42,42,42,42	0
84	MG	5	3434	1/1	0.92	0.29	32,32,32,32	0
84	MG	1	3561	1/1	0.92	0.35	43,43,43,43	0
85	OHX	6	2144	7/7	0.92	0.30	102,102,102,102	0
84	MG	5	3436	1/1	0.92	0.15	30,30,30,30	0
84	MG	5	3556	1/1	0.92	0.25	36,36,36,36	0
84	MG	5	3437	1/1	0.92	0.12	35,35,35,35	0
84	MG	5	3487	1/1	0.92	0.28	32,32,32,32	0
85	OHX	6	2150	7/7	0.92	0.31	100,100,100,100	0
84	MG	1	3404	1/1	0.92	0.22	42,42,42,42	0
85	OHX	6	2153	7/7	0.92	0.25	109,109,109,109	0
84	MG	5	3439	1/1	0.92	0.12	33,33,33,33	0
84	MG	5	3710	1/1	0.92	0.12	44,44,44,44	0
84	MG	m5	302	1/1	0.92	0.12	53,53,53,53	0
85	OHX	1	3864	7/7	0.92	0.19	79,79,79,79	0
85	OHX	1	3877	7/7	0.92	0.12	126,126,126,126	0
85	OHX	1	3884	7/7	0.92	0.15	109,109,109,109	0
84	MG	5	3565	1/1	0.92	0.38	49,49,49,49	0
84	MG	1	3467	1/1	0.92	0.22	47,47,47,47	0
84	MG	3	208	1/1	0.92	0.25	65,65,65,65	0
84	MG	1	3671	1/1	0.92	0.11	45,45,45,45	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	5	3717	1/1	0.92	0.11	39,39,39,39	0
84	MG	n0	201	1/1	0.92	0.09	43,43,43,43	0
84	MG	5	3632	1/1	0.92	0.30	42,42,42,42	0
85	OHX	5	3909	7/7	0.92	0.17	88,88,88,88	0
84	MG	1	3613	1/1	0.92	0.15	45,45,45,45	0
85	OHX	1	3935	7/7	0.92	0.31	88,88,88,88	0
84	MG	1	3506	1/1	0.92	0.42	42,42,42,42	0
85	OHX	1	3949	7/7	0.92	0.23	101,101,101,101	0
85	OHX	5	3944	7/7	0.92	0.35	74,74,74,74	0
84	MG	n6	202	1/1	0.92	0.28	52,52,52,52	0
85	OHX	1	3952	7/7	0.92	0.16	111,111,111,111	0
84	MG	5	3575	1/1	0.92	0.31	31,31,31,31	0
84	MG	4	206	1/1	0.92	0.21	35,35,35,35	0
85	OHX	5	3978	7/7	0.92	0.28	92,92,92,92	0
85	OHX	5	3980	7/7	0.92	0.20	102,102,102,102	0
84	MG	1	3646	1/1	0.92	0.12	53,53,53,53	0
84	MG	5	3727	1/1	0.92	0.15	62,62,62,62	0
85	OHX	2	2026	7/7	0.92	0.14	118,118,118,118	0
85	OHX	5	3989	7/7	0.92	0.36	81,81,81,81	0
85	OHX	2	2027	7/7	0.92	0.12	128,128,128,128	0
84	MG	1	3588	1/1	0.92	0.24	42,42,42,42	0
85	OHX	2	2040	7/7	0.92	0.21	110,110,110,110	0
84	MG	5	3505	1/1	0.92	0.38	36,36,36,36	0
84	MG	1	3521	1/1	0.92	0.33	31,31,31,31	0
85	OHX	1	4006	7/7	0.92	0.38	102,102,102,102	0
85	OHX	2	2057	7/7	0.92	0.15	126,126,126,126	0
85	OHX	1	4010	7/7	0.92	0.35	104,104,104,104	0
84	MG	6	1972	1/1	0.92	0.29	51,51,51,51	0
85	OHX	5	4014	7/7	0.92	0.29	96,96,96,96	0
85	OHX	5	4016	7/7	0.92	0.29	90,90,90,90	0
85	OHX	5	4018	7/7	0.92	0.29	105,105,105,105	0
85	OHX	5	4019	7/7	0.92	0.25	109,109,109,109	0
84	MG	1	3540	1/1	0.92	0.30	35,35,35,35	0
84	MG	5	3736	1/1	0.92	0.18	48,48,48,48	0
84	MG	5	3511	1/1	0.92	0.49	62,62,62,62	0
85	OHX	5	4031	7/7	0.92	0.24	106,106,106,106	0
84	MG	5	3401	1/1	0.92	0.21	32,32,32,32	0
85	OHX	5	4034	7/7	0.92	0.29	84,84,84,84	0
84	MG	2	1905	1/1	0.92	0.59	63,63,63,63	0
84	MG	5	3651	1/1	0.92	0.28	46,46,46,46	0
84	MG	6	1913	1/1	0.92	0.32	51,51,51,51	0
84	MG	1	3595	1/1	0.92	0.22	50,50,50,50	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	1	3622	1/1	0.92	0.14	35,35,35,35	0
85	OHX	5	4046	7/7	0.92	0.36	75,75,75,75	0
85	OHX	5	4047	7/7	0.92	0.24	101,101,101,101	0
85	OHX	5	4048	7/7	0.92	0.25	104,104,104,104	0
84	MG	1	3655	1/1	0.92	0.10	41,41,41,41	0
85	OHX	5	4052	7/7	0.92	0.35	94,94,94,94	0
85	OHX	1	4032	7/7	0.92	0.36	88,88,88,88	0
84	MG	1	3687	1/1	0.92	0.11	48,48,48,48	0
85	OHX	5	4056	7/7	0.92	0.25	104,104,104,104	0
84	MG	6	1981	1/1	0.92	0.33	57,57,57,57	0
85	OHX	1	4036	7/7	0.92	0.24	104,104,104,104	0
85	OHX	2	2084	7/7	0.92	0.27	98,98,98,98	0
84	MG	1	3525	1/1	0.92	0.30	46,46,46,46	0
84	MG	5	3600	1/1	0.92	0.07	34,34,34,34	0
85	OHX	3	219	7/7	0.92	0.33	95,95,95,95	0
85	OHX	4	225	7/7	0.92	0.14	113,113,113,113	0
84	MG	5	3666	1/1	0.92	0.11	37,37,37,37	0
84	MG	1	3461	1/1	0.92	0.21	36,36,36,36	0
84	MG	7	204	1/1	0.92	0.29	40,40,40,40	0
85	OHX	2	2093	7/7	0.92	0.26	103,103,103,103	0
85	OHX	6	2068	7/7	0.92	0.18	90,90,90,90	0
85	OHX	8	224	7/7	0.92	0.41	94,94,94,94	0
84	MG	5	3668	1/1	0.92	0.43	71,71,71,71	0
85	OHX	6	2080	7/7	0.92	0.28	109,109,109,109	0
85	OHX	6	2084	7/7	0.92	0.14	117,117,117,117	0
84	MG	1	3455	1/1	0.92	0.26	32,32,32,32	0
85	OHX	2	2099	7/7	0.92	0.14	128,128,128,128	0
84	MG	7	208	1/1	0.92	0.27	43,43,43,43	0
84	MG	5	3422	1/1	0.93	0.20	37,37,37,37	0
84	MG	1	3562	1/1	0.93	0.29	48,48,48,48	0
84	MG	3	207	1/1	0.93	0.06	44,44,44,44	0
85	OHX	6	2130	7/7	0.93	0.37	88,88,88,88	0
84	MG	5	3724	1/1	0.93	0.13	42,42,42,42	0
84	MG	1	3708	1/1	0.93	0.25	60,60,60,60	0
85	OHX	6	2133	7/7	0.93	0.24	85,85,85,85	0
84	MG	1	3627	1/1	0.93	0.12	45,45,45,45	0
84	MG	5	3649	1/1	0.93	0.18	35,35,35,35	0
84	MG	6	2003	1/1	0.93	0.46	63,63,63,63	0
85	OHX	1	3920	7/7	0.93	0.12	121,121,121,121	0
85	OHX	6	2139	7/7	0.93	0.38	84,84,84,84	0
85	OHX	2	2025	7/7	0.93	0.16	108,108,108,108	0
84	MG	5	3593	1/1	0.93	0.31	54,54,54,54	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	1	3923	7/7	0.93	0.32	91,91,91,91	0
85	OHX	1	3929	7/7	0.93	0.33	83,83,83,83	0
84	MG	5	3652	1/1	0.93	0.08	44,44,44,44	0
84	MG	1	3453	1/1	0.93	0.24	33,33,33,33	0
84	MG	1	3476	1/1	0.93	0.18	42,42,42,42	0
85	OHX	1	3940	7/7	0.93	0.37	88,88,88,88	0
84	MG	5	3478	1/1	0.93	0.12	45,45,45,45	0
85	OHX	1	3946	7/7	0.93	0.29	99,99,99,99	0
84	MG	4	204	1/1	0.93	0.33	51,51,51,51	0
84	MG	4	205	1/1	0.93	0.35	39,39,39,39	0
84	MG	5	3538	1/1	0.93	0.33	41,41,41,41	0
84	MG	5	3540	1/1	0.93	0.34	28,28,28,28	0
84	MG	1	3505	1/1	0.93	0.16	38,38,38,38	0
85	OHX	1	3967	7/7	0.93	0.33	94,94,94,94	0
85	OHX	1	3969	7/7	0.93	0.25	103,103,103,103	0
84	MG	5	3482	1/1	0.93	0.10	33,33,33,33	0
84	MG	1	3440	1/1	0.93	0.12	48,48,48,48	0
85	OHX	1	3980	7/7	0.93	0.36	83,83,83,83	0
85	OHX	1	3981	7/7	0.93	0.22	95,95,95,95	0
85	OHX	1	3982	7/7	0.93	0.25	107,107,107,107	0
85	OHX	5	3849	7/7	0.93	0.17	90,90,90,90	0
85	OHX	1	3984	7/7	0.93	0.25	102,102,102,102	0
84	MG	5	3606	1/1	0.93	0.20	41,41,41,41	0
85	OHX	5	3871	7/7	0.93	0.24	77,77,77,77	0
85	OHX	5	3894	7/7	0.93	0.40	80,80,80,80	0
85	OHX	5	3897	7/7	0.93	0.28	81,81,81,81	0
85	OHX	5	3906	7/7	0.93	0.18	101,101,101,101	0
84	MG	1	3544	1/1	0.93	0.41	35,35,35,35	0
85	OHX	5	3919	7/7	0.93	0.26	97,97,97,97	0
85	OHX	1	3990	7/7	0.93	0.29	99,99,99,99	0
84	MG	5	3546	1/1	0.93	0.46	39,39,39,39	0
84	MG	1	3634	1/1	0.93	0.18	39,39,39,39	0
85	OHX	1	3993	7/7	0.93	0.34	87,87,87,87	0
85	OHX	1	3998	7/7	0.93	0.30	102,102,102,102	0
84	MG	5	3548	1/1	0.93	0.27	29,29,29,29	0
85	OHX	5	3958	7/7	0.93	0.28	98,98,98,98	0
85	OHX	2	2078	7/7	0.93	0.28	105,105,105,105	0
85	OHX	5	3961	7/7	0.93	0.20	102,102,102,102	0
85	OHX	5	3962	7/7	0.93	0.17	111,111,111,111	0
85	OHX	1	4003	7/7	0.93	0.27	108,108,108,108	0
85	OHX	5	3973	7/7	0.93	0.24	96,96,96,96	0
85	OHX	2	2079	7/7	0.93	0.15	115,115,115,115	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	1	3637	1/1	0.93	0.19	42,42,42,42	0
84	MG	7	203	1/1	0.93	0.34	58,58,58,58	0
84	MG	1	3519	1/1	0.93	0.46	38,38,38,38	0
85	OHX	5	3983	7/7	0.93	0.27	83,83,83,83	0
85	OHX	5	3984	7/7	0.93	0.28	86,86,86,86	0
85	OHX	5	3985	7/7	0.93	0.34	97,97,97,97	0
85	OHX	1	4013	7/7	0.93	0.23	104,104,104,104	0
84	MG	5	3551	1/1	0.93	0.28	35,35,35,35	0
84	MG	5	3679	1/1	0.93	0.29	42,42,42,42	0
85	OHX	5	3990	7/7	0.93	0.38	76,76,76,76	0
84	MG	1	3425	1/1	0.93	0.14	49,49,49,49	0
84	MG	1	3592	1/1	0.93	0.18	61,61,61,61	0
85	OHX	5	3997	7/7	0.93	0.32	87,87,87,87	0
84	MG	1	3615	1/1	0.93	0.16	31,31,31,31	0
84	MG	1	3551	1/1	0.93	0.36	37,37,37,37	0
85	OHX	1	4023	7/7	0.93	0.27	109,109,109,109	0
85	OHX	2	2092	7/7	0.93	0.26	106,106,106,106	0
85	OHX	1	4025	7/7	0.93	0.37	101,101,101,101	0
84	MG	5	3686	1/1	0.93	0.11	44,44,44,44	0
84	MG	1	3446	1/1	0.93	0.18	47,47,47,47	0
85	OHX	2	2097	7/7	0.93	0.23	110,110,110,110	0
85	OHX	1	4031	7/7	0.93	0.19	102,102,102,102	0
85	OHX	5	4017	7/7	0.93	0.12	128,128,128,128	0
84	MG	6	1983	1/1	0.93	0.21	73,73,73,73	0
85	OHX	1	4033	7/7	0.93	0.23	100,100,100,100	0
84	MG	8	205	1/1	0.93	0.25	48,48,48,48	0
85	OHX	5	4023	7/7	0.93	0.31	89,89,89,89	0
84	MG	5	3689	1/1	0.93	0.08	30,30,30,30	0
85	OHX	5	4026	7/7	0.93	0.30	105,105,105,105	0
84	MG	1	3523	1/1	0.93	0.34	41,41,41,41	0
84	MG	5	3560	1/1	0.93	0.31	35,35,35,35	0
84	MG	M0	301	1/1	0.93	0.18	43,43,43,43	0
84	MG	1	3535	1/1	0.93	0.31	43,43,43,43	0
84	MG	M6	201	1/1	0.93	0.13	45,45,45,45	0
84	MG	5	3504	1/1	0.93	0.34	37,37,37,37	0
85	OHX	5	4042	7/7	0.93	0.29	100,100,100,100	0
85	OHX	4	227	7/7	0.93	0.37	85,85,85,85	0
85	OHX	4	228	7/7	0.93	0.32	85,85,85,85	0
84	MG	5	3569	1/1	0.93	0.46	29,29,29,29	0
84	MG	5	3700	1/1	0.93	0.09	38,38,38,38	0
85	OHX	4	231	7/7	0.93	0.25	103,103,103,103	0
84	MG	1	3430	1/1	0.93	0.20	36,36,36,36	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	M7	203	1/1	0.93	0.29	38,38,38,38	0
85	OHX	5	4051	7/7	0.93	0.28	100,100,100,100	0
85	OHX	O9	101	7/7	0.93	0.40	77,77,77,77	0
84	MG	1	3537	1/1	0.93	0.25	33,33,33,33	0
85	OHX	6	2070	7/7	0.93	0.28	98,98,98,98	0
84	MG	5	3705	1/1	0.93	0.16	36,36,36,36	0
85	OHX	6	2079	7/7	0.93	0.16	110,110,110,110	0
84	MG	5	3706	1/1	0.93	0.26	37,37,37,37	0
85	OHX	6	2083	7/7	0.93	0.14	116,116,116,116	0
84	MG	1	3702	1/1	0.93	0.21	36,36,36,36	0
85	OHX	6	2086	7/7	0.93	0.32	103,103,103,103	0
85	OHX	5	4064	7/7	0.93	0.34	90,90,90,90	0
84	MG	1	3490	1/1	0.93	0.20	42,42,42,42	0
84	MG	5	3711	1/1	0.93	0.11	32,32,32,32	0
85	OHX	6	2091	7/7	0.93	0.15	110,110,110,110	0
85	OHX	7	213	7/7	0.93	0.16	79,79,79,79	0
84	MG	5	3512	1/1	0.93	0.14	31,31,31,31	0
84	MG	5	3636	1/1	0.93	0.28	44,44,44,44	0
85	OHX	8	221	7/7	0.93	0.29	92,92,92,92	0
84	MG	1	3677	1/1	0.93	0.19	43,43,43,43	0
85	OHX	6	2101	7/7	0.93	0.22	105,105,105,105	0
84	MG	5	3465	1/1	0.93	0.12	41,41,41,41	0
84	MG	5	3716	1/1	0.93	0.22	29,29,29,29	0
84	MG	5	3419	1/1	0.93	0.11	41,41,41,41	0
85	OHX	l5	301	7/7	0.93	0.17	106,106,106,106	0
85	OHX	m0	302	7/7	0.93	0.22	88,88,88,88	0
85	OHX	m1	202	7/7	0.93	0.21	107,107,107,107	0
85	OHX	o9	101	7/7	0.93	0.26	87,87,87,87	0
84	MG	O3	201	1/1	0.93	0.12	42,42,42,42	0
84	MG	1	3452	1/1	0.93	0.36	38,38,38,38	0
85	OHX	SR	401	7/7	0.93	0.11	134,134,134,134	0
86	ZN	q2	501	1/1	0.93	0.20	64,64,64,64	0
85	OHX	6	2123	7/7	0.93	0.28	102,102,102,102	0
84	MG	5	3671	1/1	0.94	0.22	35,35,35,35	0
84	MG	L2	302	1/1	0.94	0.12	41,41,41,41	0
84	MG	1	3584	1/1	0.94	0.46	54,54,54,54	0
85	OHX	5	3839	7/7	0.94	0.17	84,84,84,84	0
84	MG	5	3454	1/1	0.94	0.26	37,37,37,37	0
84	MG	1	3573	1/1	0.94	0.47	33,33,33,33	0
85	OHX	5	3864	7/7	0.94	0.18	78,78,78,78	0
84	MG	6	1906	1/1	0.94	0.31	51,51,51,51	0
84	MG	1	3431	1/1	0.94	0.08	51,51,51,51	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	5	3886	7/7	0.94	0.20	82,82,82,82	0
85	OHX	1	4015	7/7	0.94	0.31	91,91,91,91	0
84	MG	3	209	1/1	0.94	0.07	74,74,74,74	0
84	MG	5	3626	1/1	0.94	0.24	33,33,33,33	0
85	OHX	5	3907	7/7	0.94	0.12	116,116,116,116	0
84	MG	M5	301	1/1	0.94	0.11	39,39,39,39	0
85	OHX	5	3914	7/7	0.94	0.21	93,93,93,93	0
84	MG	n8	201	1/1	0.94	0.30	50,50,50,50	0
84	MG	5	3741	1/1	0.94	0.22	54,54,54,54	0
84	MG	5	3683	1/1	0.94	0.11	46,46,46,46	0
84	MG	1	3703	1/1	0.94	0.12	33,33,33,33	0
85	OHX	5	3940	7/7	0.94	0.21	99,99,99,99	0
84	MG	o3	201	1/1	0.94	0.18	49,49,49,49	0
85	OHX	1	4027	7/7	0.94	0.31	103,103,103,103	0
84	MG	5	3497	1/1	0.94	0.34	30,30,30,30	0
85	OHX	5	3947	7/7	0.94	0.33	79,79,79,79	0
85	OHX	5	3955	7/7	0.94	0.21	104,104,104,104	0
85	OHX	2	2008	7/7	0.94	0.14	105,105,105,105	0
85	OHX	2	2012	7/7	0.94	0.12	107,107,107,107	0
84	MG	6	1982	1/1	0.94	0.09	46,46,46,46	0
84	MG	1	3522	1/1	0.94	0.26	32,32,32,32	0
85	OHX	5	3964	7/7	0.94	0.29	106,106,106,106	0
85	OHX	5	3966	7/7	0.94	0.28	108,108,108,108	0
85	OHX	5	3967	7/7	0.94	0.13	116,116,116,116	0
84	MG	5	3545	1/1	0.94	0.34	30,30,30,30	0
85	OHX	5	3972	7/7	0.94	0.30	87,87,87,87	0
84	MG	5	3591	1/1	0.94	0.21	33,33,33,33	0
85	OHX	5	3975	7/7	0.94	0.36	85,85,85,85	0
85	OHX	1	3770	7/7	0.94	0.16	74,74,74,74	0
85	OHX	5	3977	7/7	0.94	0.38	70,70,70,70	0
85	OHX	1	3788	7/7	0.94	0.15	86,86,86,86	0
85	OHX	1	3806	7/7	0.94	0.14	92,92,92,92	0
85	OHX	1	3813	7/7	0.94	0.22	77,77,77,77	0
85	OHX	3	216	7/7	0.94	0.23	108,108,108,108	0
85	OHX	1	3820	7/7	0.94	0.14	87,87,87,87	0
85	OHX	2	2039	7/7	0.94	0.10	133,133,133,133	0
85	OHX	4	221	7/7	0.94	0.30	88,88,88,88	0
85	OHX	5	3987	7/7	0.94	0.38	81,81,81,81	0
85	OHX	1	3858	7/7	0.94	0.12	128,128,128,128	0
84	MG	s8	301	1/1	0.94	0.13	47,47,47,47	0
85	OHX	1	3865	7/7	0.94	0.20	93,93,93,93	0
85	OHX	1	3873	7/7	0.94	0.14	112,112,112,112	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	5	3993	7/7	0.94	0.24	101,101,101,101	0
85	OHX	5	3994	7/7	0.94	0.30	97,97,97,97	0
84	MG	5	3428	1/1	0.94	0.37	39,39,39,39	0
85	OHX	1	3881	7/7	0.94	0.28	87,87,87,87	0
85	OHX	5	3998	7/7	0.94	0.42	83,83,83,83	0
85	OHX	5	4000	7/7	0.94	0.19	106,106,106,106	0
84	MG	5	3594	1/1	0.94	0.07	40,40,40,40	0
85	OHX	5	4002	7/7	0.94	0.31	102,102,102,102	0
85	OHX	1	3888	7/7	0.94	0.28	85,85,85,85	0
84	MG	1	3441	1/1	0.94	0.20	31,31,31,31	0
85	OHX	1	3903	7/7	0.94	0.23	77,77,77,77	0
84	MG	1	3690	1/1	0.94	0.17	48,48,48,48	0
85	OHX	1	3909	7/7	0.94	0.24	83,83,83,83	0
84	MG	5	3696	1/1	0.94	0.08	31,31,31,31	0
84	MG	6	1914	1/1	0.94	0.34	41,41,41,41	0
85	OHX	6	2081	7/7	0.94	0.17	110,110,110,110	0
85	OHX	1	3919	7/7	0.94	0.22	99,99,99,99	0
85	OHX	2	2061	7/7	0.94	0.15	115,115,115,115	0
85	OHX	2	2062	7/7	0.94	0.26	106,106,106,106	0
85	OHX	6	2087	7/7	0.94	0.30	109,109,109,109	0
84	MG	1	3725	1/1	0.94	0.31	52,52,52,52	0
85	OHX	6	2089	7/7	0.94	0.28	85,85,85,85	0
84	MG	5	3699	1/1	0.94	0.18	42,42,42,42	0
85	OHX	5	4027	7/7	0.94	0.29	92,92,92,92	0
85	OHX	1	3925	7/7	0.94	0.12	116,116,116,116	0
85	OHX	5	4030	7/7	0.94	0.37	89,89,89,89	0
85	OHX	2	2068	7/7	0.94	0.13	122,122,122,122	0
84	MG	1	3463	1/1	0.94	0.26	32,32,32,32	0
84	MG	1	3548	1/1	0.94	0.19	31,31,31,31	0
85	OHX	1	3932	7/7	0.94	0.39	71,71,71,71	0
85	OHX	1	3934	7/7	0.94	0.29	94,94,94,94	0
85	OHX	5	4041	7/7	0.94	0.33	96,96,96,96	0
84	MG	1	4041	1/1	0.94	0.22	41,41,41,41	0
85	OHX	6	2108	7/7	0.94	0.22	102,102,102,102	0
85	OHX	1	3936	7/7	0.94	0.20	98,98,98,98	0
85	OHX	1	3937	7/7	0.94	0.38	88,88,88,88	0
84	MG	2	1960	1/1	0.94	0.53	72,72,72,72	0
85	OHX	1	3941	7/7	0.94	0.26	107,107,107,107	0
85	OHX	6	2119	7/7	0.94	0.23	106,106,106,106	0
84	MG	5	3648	1/1	0.94	0.07	61,61,61,61	0
84	MG	5	3603	1/1	0.94	0.35	47,47,47,47	0
84	MG	5	3707	1/1	0.94	0.07	43,43,43,43	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	5	3708	1/1	0.94	0.13	44,44,44,44	0
85	OHX	5	4054	7/7	0.94	0.31	87,87,87,87	0
84	MG	1	3711	1/1	0.94	0.14	46,46,46,46	0
84	MG	5	3516	1/1	0.94	0.28	31,31,31,31	0
85	OHX	5	4057	7/7	0.94	0.30	96,96,96,96	0
84	MG	5	3407	1/1	0.94	0.22	33,33,33,33	0
85	OHX	1	3965	7/7	0.94	0.14	109,109,109,109	0
84	MG	5	3653	1/1	0.94	0.12	67,67,67,67	0
85	OHX	2	2086	7/7	0.94	0.28	104,104,104,104	0
85	OHX	1	3972	7/7	0.94	0.33	77,77,77,77	0
84	MG	5	3654	1/1	0.94	0.12	42,42,42,42	0
84	MG	1	3607	1/1	0.94	0.24	42,42,42,42	0
85	OHX	5	4067	7/7	0.94	0.21	93,93,93,93	0
85	OHX	1	3976	7/7	0.94	0.27	91,91,91,91	0
85	OHX	1	3978	7/7	0.94	0.24	92,92,92,92	0
84	MG	5	3444	1/1	0.94	0.15	32,32,32,32	0
84	MG	5	3562	1/1	0.94	0.19	32,32,32,32	0
84	MG	1	3483	1/1	0.94	0.21	45,45,45,45	0
84	MG	5	3564	1/1	0.94	0.30	38,38,38,38	0
85	OHX	2	2094	7/7	0.94	0.20	108,108,108,108	0
84	MG	1	3594	1/1	0.94	0.24	48,48,48,48	0
85	OHX	1	3988	7/7	0.94	0.30	104,104,104,104	0
85	OHX	8	225	7/7	0.94	0.34	101,101,101,101	0
85	OHX	1	3989	7/7	0.94	0.31	104,104,104,104	0
84	MG	5	3523	1/1	0.94	0.22	27,27,27,27	0
84	MG	6	1997	1/1	0.94	0.24	63,63,63,63	0
84	MG	5	3570	1/1	0.94	0.22	31,31,31,31	0
84	MG	5	3448	1/1	0.94	0.24	28,28,28,28	0
85	OHX	1	3996	7/7	0.94	0.26	97,97,97,97	0
85	OHX	1	3997	7/7	0.94	0.35	82,82,82,82	0
85	OHX	s4	301	7/7	0.94	0.23	110,110,110,110	0
84	MG	m1	201	1/1	0.94	0.15	48,48,48,48	0
84	MG	2	1902	1/1	0.94	0.38	55,55,55,55	0
84	MG	1	3683	1/1	0.94	0.20	34,34,34,34	0
85	OHX	5	3852	7/7	0.95	0.20	71,71,71,71	0
85	OHX	1	4019	7/7	0.95	0.32	85,85,85,85	0
85	OHX	1	3872	7/7	0.95	0.20	98,98,98,98	0
85	OHX	5	3867	7/7	0.95	0.22	85,85,85,85	0
84	MG	5	3489	1/1	0.95	0.20	34,34,34,34	0
84	MG	5	3423	1/1	0.95	0.34	45,45,45,45	0
85	OHX	5	3878	7/7	0.95	0.16	80,80,80,80	0
85	OHX	5	3884	7/7	0.95	0.10	129,129,129,129	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	5	3885	7/7	0.95	0.26	92,92,92,92	0
85	OHX	1	3879	7/7	0.95	0.20	101,101,101,101	0
84	MG	5	3535	1/1	0.95	0.24	49,49,49,49	0
85	OHX	5	3895	7/7	0.95	0.28	76,76,76,76	0
85	OHX	1	4026	7/7	0.95	0.34	90,90,90,90	0
85	OHX	5	3905	7/7	0.95	0.27	93,93,93,93	0
84	MG	5	3670	1/1	0.95	0.28	35,35,35,35	0
84	MG	1	3511	1/1	0.95	0.43	39,39,39,39	0
84	MG	5	3719	1/1	0.95	0.07	32,32,32,32	0
85	OHX	5	3911	7/7	0.95	0.30	80,80,80,80	0
85	OHX	5	3913	7/7	0.95	0.20	88,88,88,88	0
85	OHX	1	3897	7/7	0.95	0.14	109,109,109,109	0
85	OHX	1	3899	7/7	0.95	0.28	91,91,91,91	0
85	OHX	5	3930	7/7	0.95	0.35	75,75,75,75	0
84	MG	5	3425	1/1	0.95	0.07	31,31,31,31	0
85	OHX	5	3934	7/7	0.95	0.27	91,91,91,91	0
84	MG	1	3454	1/1	0.95	0.27	34,34,34,34	0
85	OHX	1	3906	7/7	0.95	0.30	85,85,85,85	0
84	MG	5	3496	1/1	0.95	0.28	56,56,56,56	0
85	OHX	5	3941	7/7	0.95	0.29	90,90,90,90	0
85	OHX	1	3912	7/7	0.95	0.13	110,110,110,110	0
84	MG	5	3675	1/1	0.95	0.30	59,59,59,59	0
85	OHX	1	3917	7/7	0.95	0.10	133,133,133,133	0
85	OHX	5	3946	7/7	0.95	0.21	100,100,100,100	0
84	MG	1	3603	1/1	0.95	0.28	38,38,38,38	0
85	OHX	5	3948	7/7	0.95	0.26	92,92,92,92	0
85	OHX	5	3950	7/7	0.95	0.30	101,101,101,101	0
85	OHX	5	3951	7/7	0.95	0.24	92,92,92,92	0
85	OHX	5	3952	7/7	0.95	0.32	77,77,77,77	0
85	OHX	5	3954	7/7	0.95	0.26	82,82,82,82	0
84	MG	6	1957	1/1	0.95	0.40	63,63,63,63	0
85	OHX	5	3957	7/7	0.95	0.27	84,84,84,84	0
84	MG	5	3630	1/1	0.95	0.10	31,31,31,31	0
84	MG	1	3572	1/1	0.95	0.29	33,33,33,33	0
85	OHX	5	3960	7/7	0.95	0.23	105,105,105,105	0
85	OHX	4	223	7/7	0.95	0.20	97,97,97,97	0
84	MG	5	3730	1/1	0.95	0.07	43,43,43,43	0
85	OHX	5	3963	7/7	0.95	0.17	108,108,108,108	0
84	MG	5	3430	1/1	0.95	0.20	33,33,33,33	0
84	MG	5	3681	1/1	0.95	0.25	40,40,40,40	0
84	MG	L6	201	1/1	0.95	0.09	48,48,48,48	0
85	OHX	5	3968	7/7	0.95	0.19	86,86,86,86	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	1	3413	1/1	0.95	0.28	43,43,43,43	0
85	OHX	5	3970	7/7	0.95	0.33	90,90,90,90	0
84	MG	1	3710	1/1	0.95	0.18	40,40,40,40	0
85	OHX	L4	401	7/7	0.95	0.25	92,92,92,92	0
85	OHX	M0	302	7/7	0.95	0.16	86,86,86,86	0
84	MG	1	3403	1/1	0.95	0.38	51,51,51,51	0
84	MG	1	3644	1/1	0.95	0.22	41,41,41,41	0
84	MG	5	3639	1/1	0.95	0.15	40,40,40,40	0
85	OHX	6	2027	7/7	0.95	0.14	78,78,78,78	0
85	OHX	5	3981	7/7	0.95	0.27	97,97,97,97	0
85	OHX	6	2040	7/7	0.95	0.14	89,89,89,89	0
85	OHX	6	2048	7/7	0.95	0.11	117,117,117,117	0
85	OHX	6	2054	7/7	0.95	0.21	84,84,84,84	0
85	OHX	6	2058	7/7	0.95	0.17	99,99,99,99	0
85	OHX	6	2063	7/7	0.95	0.10	134,134,134,134	0
84	MG	1	3426	1/1	0.95	0.47	50,50,50,50	0
85	OHX	6	2069	7/7	0.95	0.24	86,86,86,86	0
84	MG	1	3410	1/1	0.95	0.30	35,35,35,35	0
85	OHX	6	2074	7/7	0.95	0.16	106,106,106,106	0
85	OHX	1	3939	7/7	0.95	0.30	94,94,94,94	0
84	MG	1	3550	1/1	0.95	0.21	40,40,40,40	0
84	MG	5	3691	1/1	0.95	0.19	43,43,43,43	0
84	MG	1	3669	1/1	0.95	0.23	48,48,48,48	0
85	OHX	1	3945	7/7	0.95	0.09	162,162,162,162	0
84	MG	5	3513	1/1	0.95	0.27	32,32,32,32	0
84	MG	5	3514	1/1	0.95	0.31	30,30,30,30	0
84	MG	1	3648	1/1	0.95	0.25	37,37,37,37	0
84	MG	5	3558	1/1	0.95	0.34	37,37,37,37	0
85	OHX	1	3953	7/7	0.95	0.18	108,108,108,108	0
85	OHX	1	3954	7/7	0.95	0.31	96,96,96,96	0
84	MG	5	3475	1/1	0.95	0.38	32,32,32,32	0
85	OHX	1	3957	7/7	0.95	0.28	111,111,111,111	0
84	MG	o4	201	1/1	0.95	0.26	52,52,52,52	0
85	OHX	1	3962	7/7	0.95	0.19	101,101,101,101	0
85	OHX	6	2100	7/7	0.95	0.20	96,96,96,96	0
85	OHX	5	4015	7/7	0.95	0.26	98,98,98,98	0
85	OHX	1	3964	7/7	0.95	0.26	89,89,89,89	0
85	OHX	6	2102	7/7	0.95	0.25	104,104,104,104	0
84	MG	1	3480	1/1	0.95	0.23	36,36,36,36	0
85	OHX	1	3966	7/7	0.95	0.09	175,175,175,175	0
84	MG	q1	101	1/1	0.95	0.36	47,47,47,47	0
85	OHX	5	4022	7/7	0.95	0.30	94,94,94,94	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
85	OHX	2	1991	7/7	0.95	0.14	97,97,97,97	0
85	OHX	1	3970	7/7	0.95	0.25	94,94,94,94	0
85	OHX	6	2113	7/7	0.95	0.31	86,86,86,86	0
85	OHX	2	2000	7/7	0.95	0.12	89,89,89,89	0
85	OHX	5	4028	7/7	0.95	0.30	86,86,86,86	0
85	OHX	6	2115	7/7	0.95	0.17	106,106,106,106	0
85	OHX	2	2003	7/7	0.95	0.14	101,101,101,101	0
85	OHX	6	2118	7/7	0.95	0.21	109,109,109,109	0
85	OHX	5	4032	7/7	0.95	0.28	86,86,86,86	0
84	MG	1	3580	1/1	0.95	0.18	42,42,42,42	0
85	OHX	6	2121	7/7	0.95	0.26	108,108,108,108	0
85	OHX	5	4037	7/7	0.95	0.29	89,89,89,89	0
85	OHX	6	2122	7/7	0.95	0.30	92,92,92,92	0
85	OHX	1	3975	7/7	0.95	0.32	85,85,85,85	0
85	OHX	6	2126	7/7	0.95	0.24	96,96,96,96	0
84	MG	6	1999	1/1	0.95	0.27	49,49,49,49	0
85	OHX	1	3977	7/7	0.95	0.26	98,98,98,98	0
84	MG	1	3465	1/1	0.95	0.16	42,42,42,42	0
85	OHX	1	3979	7/7	0.95	0.26	94,94,94,94	0
84	MG	1	3553	1/1	0.95	0.27	30,30,30,30	0
84	MG	5	3703	1/1	0.95	0.10	36,36,36,36	0
85	OHX	2	2032	7/7	0.95	0.10	121,121,121,121	0
85	OHX	5	4049	7/7	0.95	0.32	85,85,85,85	0
85	OHX	1	3983	7/7	0.95	0.29	78,78,78,78	0
84	MG	7	207	1/1	0.95	0.06	36,36,36,36	0
85	OHX	2	2037	7/7	0.95	0.21	106,106,106,106	0
84	MG	1	3509	1/1	0.95	0.23	33,33,33,33	0
85	OHX	1	3987	7/7	0.95	0.29	79,79,79,79	0
85	OHX	6	2140	7/7	0.95	0.25	101,101,101,101	0
84	MG	1	3700	1/1	0.95	0.25	36,36,36,36	0
85	OHX	2	2044	7/7	0.95	0.13	113,113,113,113	0
85	OHX	2	2045	7/7	0.95	0.21	90,90,90,90	0
85	OHX	5	4059	7/7	0.95	0.34	74,74,74,74	0
85	OHX	2	2047	7/7	0.95	0.20	101,101,101,101	0
85	OHX	2	2049	7/7	0.95	0.21	100,100,100,100	0
85	OHX	2	2050	7/7	0.95	0.32	102,102,102,102	0
85	OHX	6	2147	7/7	0.95	0.29	100,100,100,100	0
85	OHX	1	3994	7/7	0.95	0.32	92,92,92,92	0
85	OHX	1	3995	7/7	0.95	0.14	86,86,86,86	0
84	MG	1	3654	1/1	0.95	0.13	45,45,45,45	0
85	OHX	1	3799	7/7	0.95	0.12	88,88,88,88	0
85	OHX	5	4069	7/7	0.95	0.11	129,129,129,129	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	6	2152	7/7	0.95	0.21	107,107,107,107	0
85	OHX	1	3800	7/7	0.95	0.13	88,88,88,88	0
85	OHX	7	218	7/7	0.95	0.28	92,92,92,92	0
84	MG	5	3526	1/1	0.95	0.30	38,38,38,38	0
85	OHX	1	3810	7/7	0.95	0.12	99,99,99,99	0
85	OHX	8	218	7/7	0.95	0.30	79,79,79,79	0
84	MG	1	3428	1/1	0.95	0.26	48,48,48,48	0
84	MG	5	3453	1/1	0.95	0.10	42,42,42,42	0
85	OHX	1	3826	7/7	0.95	0.13	93,93,93,93	0
85	OHX	1	3828	7/7	0.95	0.12	104,104,104,104	0
85	OHX	1	4011	7/7	0.95	0.25	100,100,100,100	0
85	OHX	1	3837	7/7	0.95	0.20	71,71,71,71	0
84	MG	1	3636	1/1	0.95	0.27	46,46,46,46	0
85	OHX	1	3856	7/7	0.95	0.16	107,107,107,107	0
85	OHX	l5	302	7/7	0.95	0.20	107,107,107,107	0
85	OHX	l9	202	7/7	0.95	0.19	92,92,92,92	0
85	OHX	m0	301	7/7	0.95	0.14	109,109,109,109	0
85	OHX	c8	201	7/7	0.95	0.12	117,117,117,117	0
84	MG	5	3530	1/1	0.95	0.26	41,41,41,41	0
85	OHX	m7	204	7/7	0.95	0.34	84,84,84,84	0
84	MG	1	3617	1/1	0.95	0.13	43,43,43,43	0
85	OHX	5	3819	7/7	0.95	0.14	78,78,78,78	0
86	ZN	Q2	501	1/1	0.95	0.17	64,64,64,64	0
85	OHX	5	3838	7/7	0.95	0.15	101,101,101,101	0
84	MG	1	4042	1/1	0.95	0.08	45,45,45,45	0
85	OHX	5	3843	7/7	0.95	0.14	91,91,91,91	0
85	OHX	1	3869	7/7	0.95	0.20	91,91,91,91	0
85	OHX	1	3822	7/7	0.96	0.11	95,95,95,95	0
85	OHX	5	3933	7/7	0.96	0.30	77,77,77,77	0
85	OHX	1	3823	7/7	0.96	0.18	73,73,73,73	0
85	OHX	5	3935	7/7	0.96	0.18	92,92,92,92	0
85	OHX	5	3936	7/7	0.96	0.25	98,98,98,98	0
85	OHX	6	2072	7/7	0.96	0.22	92,92,92,92	0
85	OHX	1	3968	7/7	0.96	0.28	86,86,86,86	0
85	OHX	6	2075	7/7	0.96	0.23	96,96,96,96	0
85	OHX	2	2016	7/7	0.96	0.20	108,108,108,108	0
85	OHX	5	3942	7/7	0.96	0.22	98,98,98,98	0
85	OHX	2	2081	7/7	0.96	0.22	109,109,109,109	0
85	OHX	1	3971	7/7	0.96	0.32	98,98,98,98	0
85	OHX	1	3835	7/7	0.96	0.16	85,85,85,85	0
85	OHX	2	2017	7/7	0.96	0.14	89,89,89,89	0
85	OHX	1	3840	7/7	0.96	0.17	82,82,82,82	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	6	2085	7/7	0.96	0.22	78,78,78,78	0
85	OHX	1	3843	7/7	0.96	0.24	79,79,79,79	0
85	OHX	1	3847	7/7	0.96	0.20	91,91,91,91	0
85	OHX	2	2021	7/7	0.96	0.19	99,99,99,99	0
85	OHX	2	2022	7/7	0.96	0.12	107,107,107,107	0
85	OHX	2	2023	7/7	0.96	0.27	90,90,90,90	0
85	OHX	5	3956	7/7	0.96	0.31	76,76,76,76	0
85	OHX	1	3862	7/7	0.96	0.23	74,74,74,74	0
84	MG	1	3555	1/1	0.96	0.22	35,35,35,35	0
84	MG	5	3661	1/1	0.96	0.14	33,33,33,33	0
85	OHX	6	2096	7/7	0.96	0.21	100,100,100,100	0
85	OHX	6	2097	7/7	0.96	0.16	103,103,103,103	0
85	OHX	1	3868	7/7	0.96	0.22	83,83,83,83	0
84	MG	5	3580	1/1	0.96	0.42	37,37,37,37	0
85	OHX	1	3870	7/7	0.96	0.22	97,97,97,97	0
85	OHX	5	3965	7/7	0.96	0.30	88,88,88,88	0
85	OHX	1	3871	7/7	0.96	0.21	100,100,100,100	0
85	OHX	2	2028	7/7	0.96	0.19	94,94,94,94	0
85	OHX	6	2104	7/7	0.96	0.26	103,103,103,103	0
85	OHX	2	2029	7/7	0.96	0.12	108,108,108,108	0
85	OHX	6	2106	7/7	0.96	0.25	96,96,96,96	0
85	OHX	6	2107	7/7	0.96	0.23	99,99,99,99	0
85	OHX	1	3875	7/7	0.96	0.20	100,100,100,100	0
85	OHX	5	3974	7/7	0.96	0.26	89,89,89,89	0
85	OHX	6	2109	7/7	0.96	0.24	84,84,84,84	0
85	OHX	2	2030	7/7	0.96	0.22	103,103,103,103	0
84	MG	M7	202	1/1	0.96	0.31	41,41,41,41	0
84	MG	5	3412	1/1	0.96	0.27	39,39,39,39	0
85	OHX	2	2095	7/7	0.96	0.29	96,96,96,96	0
85	OHX	1	3886	7/7	0.96	0.20	101,101,101,101	0
85	OHX	2	2035	7/7	0.96	0.17	95,95,95,95	0
85	OHX	6	2117	7/7	0.96	0.21	86,86,86,86	0
85	OHX	2	2036	7/7	0.96	0.14	103,103,103,103	0
85	OHX	1	3890	7/7	0.96	0.18	102,102,102,102	0
85	OHX	1	3894	7/7	0.96	0.11	114,114,114,114	0
85	OHX	1	3896	7/7	0.96	0.23	88,88,88,88	0
85	OHX	1	4001	7/7	0.96	0.19	108,108,108,108	0
85	OHX	6	2124	7/7	0.96	0.22	89,89,89,89	0
84	MG	1	3473	1/1	0.96	0.32	45,45,45,45	0
85	OHX	5	3991	7/7	0.96	0.28	87,87,87,87	0
85	OHX	1	3898	7/7	0.96	0.28	85,85,85,85	0
85	OHX	1	4004	7/7	0.96	0.31	85,85,85,85	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	2	2038	7/7	0.96	0.27	93,93,93,93	0
85	OHX	5	3995	7/7	0.96	0.27	80,80,80,80	0
84	MG	1	3504	1/1	0.96	0.26	40,40,40,40	0
84	MG	5	3431	1/1	0.96	0.20	37,37,37,37	0
85	OHX	2	2041	7/7	0.96	0.10	119,119,119,119	0
85	OHX	2	2042	7/7	0.96	0.11	110,110,110,110	0
85	OHX	1	3910	7/7	0.96	0.23	84,84,84,84	0
85	OHX	1	3911	7/7	0.96	0.19	103,103,103,103	0
85	OHX	5	4003	7/7	0.96	0.22	86,86,86,86	0
84	MG	5	3586	1/1	0.96	0.19	34,34,34,34	0
84	MG	5	3726	1/1	0.96	0.09	33,33,33,33	0
85	OHX	5	4006	7/7	0.96	0.32	89,89,89,89	0
85	OHX	5	4007	7/7	0.96	0.30	63,63,63,63	0
85	OHX	6	2138	7/7	0.96	0.25	77,77,77,77	0
85	OHX	1	3915	7/7	0.96	0.28	69,69,69,69	0
85	OHX	1	3916	7/7	0.96	0.29	87,87,87,87	0
85	OHX	5	4012	7/7	0.96	0.26	89,89,89,89	0
85	OHX	2	2046	7/7	0.96	0.18	105,105,105,105	0
84	MG	5	3432	1/1	0.96	0.20	31,31,31,31	0
84	MG	5	3536	1/1	0.96	0.43	46,46,46,46	0
85	OHX	1	4022	7/7	0.96	0.37	77,77,77,77	0
84	MG	5	3729	1/1	0.96	0.26	52,52,52,52	0
84	MG	1	3499	1/1	0.96	0.34	39,39,39,39	0
85	OHX	2	2054	7/7	0.96	0.10	122,122,122,122	0
84	MG	1	3675	1/1	0.96	0.12	41,41,41,41	0
85	OHX	5	4021	7/7	0.96	0.32	82,82,82,82	0
85	OHX	2	2056	7/7	0.96	0.10	127,127,127,127	0
85	OHX	1	3926	7/7	0.96	0.32	81,81,81,81	0
85	OHX	1	3927	7/7	0.96	0.28	92,92,92,92	0
85	OHX	5	4025	7/7	0.96	0.32	93,93,93,93	0
85	OHX	1	3928	7/7	0.96	0.23	95,95,95,95	0
84	MG	N8	202	1/1	0.96	0.08	35,35,35,35	0
84	MG	1	3676	1/1	0.96	0.19	48,48,48,48	0
84	MG	5	3495	1/1	0.96	0.23	35,35,35,35	0
84	MG	5	3519	1/1	0.96	0.41	34,34,34,34	0
85	OHX	1	3933	7/7	0.96	0.14	92,92,92,92	0
84	MG	5	3568	1/1	0.96	0.36	35,35,35,35	0
84	MG	1	3421	1/1	0.96	0.29	41,41,41,41	0
84	MG	1	3560	1/1	0.96	0.28	40,40,40,40	0
85	OHX	3	212	7/7	0.96	0.15	81,81,81,81	0
85	OHX	5	4038	7/7	0.96	0.27	91,91,91,91	0
85	OHX	3	215	7/7	0.96	0.16	98,98,98,98	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	2	2066	7/7	0.96	0.19	93,93,93,93	0
84	MG	2	1903	1/1	0.96	0.40	55,55,55,55	0
84	MG	1	3632	1/1	0.96	0.12	50,50,50,50	0
85	OHX	C8	201	7/7	0.96	0.10	97,97,97,97	0
85	OHX	5	3799	7/7	0.96	0.13	82,82,82,82	0
85	OHX	5	3802	7/7	0.96	0.14	70,70,70,70	0
85	OHX	5	3818	7/7	0.96	0.10	90,90,90,90	0
85	OHX	4	222	7/7	0.96	0.26	83,83,83,83	0
85	OHX	5	3837	7/7	0.96	0.27	72,72,72,72	0
85	OHX	1	3942	7/7	0.96	0.25	88,88,88,88	0
85	OHX	2	2069	7/7	0.96	0.11	112,112,112,112	0
85	OHX	2	2070	7/7	0.96	0.24	95,95,95,95	0
84	MG	1	3497	1/1	0.96	0.39	33,33,33,33	0
85	OHX	1	3947	7/7	0.96	0.23	85,85,85,85	0
85	OHX	1	3780	7/7	0.96	0.11	100,100,100,100	0
84	MG	1	3546	1/1	0.96	0.19	36,36,36,36	0
85	OHX	L3	402	7/7	0.96	0.29	86,86,86,86	0
85	OHX	5	3869	7/7	0.96	0.17	79,79,79,79	0
85	OHX	1	3795	7/7	0.96	0.13	83,83,83,83	0
85	OHX	2	2074	7/7	0.96	0.23	101,101,101,101	0
85	OHX	5	3873	7/7	0.96	0.22	68,68,68,68	0
85	OHX	5	3874	7/7	0.96	0.17	87,87,87,87	0
85	OHX	5	3876	7/7	0.96	0.31	76,76,76,76	0
85	OHX	M7	205	7/7	0.96	0.23	101,101,101,101	0
85	OHX	5	3879	7/7	0.96	0.15	103,103,103,103	0
85	OHX	5	4065	7/7	0.96	0.13	92,92,92,92	0
85	OHX	5	3880	7/7	0.96	0.18	91,91,91,91	0
85	OHX	5	3881	7/7	0.96	0.10	106,106,106,106	0
84	MG	5	3656	1/1	0.96	0.06	36,36,36,36	0
84	MG	5	3502	1/1	0.96	0.35	32,32,32,32	0
85	OHX	O3	202	7/7	0.96	0.32	85,85,85,85	0
85	OHX	5	3891	7/7	0.96	0.21	84,84,84,84	0
85	OHX	7	217	7/7	0.96	0.16	95,95,95,95	0
85	OHX	5	3893	7/7	0.96	0.10	111,111,111,111	0
85	OHX	7	219	7/7	0.96	0.26	80,80,80,80	0
85	OHX	1	3956	7/7	0.96	0.22	100,100,100,100	0
85	OHX	1	3807	7/7	0.96	0.14	76,76,76,76	0
85	OHX	8	215	7/7	0.96	0.14	94,94,94,94	0
85	OHX	8	217	7/7	0.96	0.17	101,101,101,101	0
85	OHX	5	3896	7/7	0.96	0.21	77,77,77,77	0
85	OHX	8	219	7/7	0.96	0.25	90,90,90,90	0
85	OHX	6	2036	7/7	0.96	0.11	110,110,110,110	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
85	OHX	5	3901	7/7	0.96	0.15	110,110,110,110	0
85	OHX	5	3903	7/7	0.96	0.11	110,110,110,110	0
85	OHX	5	3904	7/7	0.96	0.22	76,76,76,76	0
85	OHX	1	3958	7/7	0.96	0.29	84,84,84,84	0
85	OHX	13	407	7/7	0.96	0.24	78,78,78,78	0
84	MG	5	3443	1/1	0.96	0.13	38,38,38,38	0
85	OHX	14	401	7/7	0.96	0.21	96,96,96,96	0
85	OHX	1	3961	7/7	0.96	0.21	104,104,104,104	0
85	OHX	6	2057	7/7	0.96	0.10	108,108,108,108	0
85	OHX	5	3910	7/7	0.96	0.14	95,95,95,95	0
85	OHX	1	3812	7/7	0.96	0.14	88,88,88,88	0
85	OHX	5	3912	7/7	0.96	0.20	108,108,108,108	0
85	OHX	6	2061	7/7	0.96	0.18	98,98,98,98	0
85	OHX	6	2062	7/7	0.96	0.10	126,126,126,126	0
85	OHX	5	3916	7/7	0.96	0.27	85,85,85,85	0
85	OHX	5	3918	7/7	0.96	0.31	84,84,84,84	0
84	MG	1	3602	1/1	0.96	0.35	41,41,41,41	0
85	OHX	5	3921	7/7	0.96	0.25	95,95,95,95	0
85	OHX	5	3922	7/7	0.96	0.17	97,97,97,97	0
85	OHX	5	3926	7/7	0.96	0.15	104,104,104,104	0
85	OHX	5	3928	7/7	0.96	0.20	91,91,91,91	0
85	OHX	2	2015	7/7	0.96	0.13	106,106,106,106	0
85	OHX	1	3829	7/7	0.97	0.17	82,82,82,82	0
85	OHX	5	3939	7/7	0.97	0.26	83,83,83,83	0
85	OHX	1	3833	7/7	0.97	0.22	78,78,78,78	0
85	OHX	2	2064	7/7	0.97	0.19	92,92,92,92	0
85	OHX	1	3836	7/7	0.97	0.20	83,83,83,83	0
85	OHX	2	2065	7/7	0.97	0.20	104,104,104,104	0
85	OHX	1	3839	7/7	0.97	0.19	80,80,80,80	0
84	MG	6	1989	1/1	0.97	0.11	74,74,74,74	0
85	OHX	1	3842	7/7	0.97	0.13	96,96,96,96	0
84	MG	5	3510	1/1	0.97	0.29	36,36,36,36	0
85	OHX	1	3844	7/7	0.97	0.20	71,71,71,71	0
85	OHX	1	3845	7/7	0.97	0.28	77,77,77,77	0
85	OHX	6	2120	7/7	0.97	0.22	85,85,85,85	0
85	OHX	1	3938	7/7	0.97	0.26	92,92,92,92	0
85	OHX	5	3953	7/7	0.97	0.20	81,81,81,81	0
85	OHX	1	3846	7/7	0.97	0.18	97,97,97,97	0
84	MG	5	3539	1/1	0.97	0.27	29,29,29,29	0
85	OHX	1	3849	7/7	0.97	0.18	80,80,80,80	0
85	OHX	6	2125	7/7	0.97	0.24	87,87,87,87	0
85	OHX	1	3850	7/7	0.97	0.29	83,83,83,83	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	1	3851	7/7	0.97	0.26	82,82,82,82	0
85	OHX	1	3944	7/7	0.97	0.18	100,100,100,100	0
85	OHX	1	3852	7/7	0.97	0.10	110,110,110,110	0
84	MG	1	3420	1/1	0.97	0.08	38,38,38,38	0
84	MG	1	3547	1/1	0.97	0.32	33,33,33,33	0
84	MG	5	3590	1/1	0.97	0.18	34,34,34,34	0
85	OHX	1	3859	7/7	0.97	0.10	119,119,119,119	0
85	OHX	1	3951	7/7	0.97	0.28	81,81,81,81	0
85	OHX	3	213	7/7	0.97	0.15	97,97,97,97	0
85	OHX	3	214	7/7	0.97	0.17	95,95,95,95	0
85	OHX	1	3860	7/7	0.97	0.25	82,82,82,82	0
85	OHX	2	2072	7/7	0.97	0.23	106,106,106,106	0
85	OHX	5	3971	7/7	0.97	0.23	94,94,94,94	0
85	OHX	3	217	7/7	0.97	0.29	85,85,85,85	0
85	OHX	1	3863	7/7	0.97	0.15	95,95,95,95	0
85	OHX	2	2033	7/7	0.97	0.26	94,94,94,94	0
85	OHX	4	218	7/7	0.97	0.19	77,77,77,77	0
85	OHX	4	219	7/7	0.97	0.11	93,93,93,93	0
85	OHX	4	220	7/7	0.97	0.17	96,96,96,96	0
84	MG	5	3664	1/1	0.97	0.12	53,53,53,53	0
85	OHX	5	3979	7/7	0.97	0.23	85,85,85,85	0
85	OHX	1	3866	7/7	0.97	0.22	91,91,91,91	0
85	OHX	1	3867	7/7	0.97	0.22	75,75,75,75	0
85	OHX	4	224	7/7	0.97	0.26	82,82,82,82	0
85	OHX	1	3959	7/7	0.97	0.25	84,84,84,84	0
84	MG	1	3606	1/1	0.97	0.21	34,34,34,34	0
85	OHX	2	1985	7/7	0.97	0.14	84,84,84,84	0
85	OHX	2	1988	7/7	0.97	0.12	90,90,90,90	0
85	OHX	2	1990	7/7	0.97	0.12	95,95,95,95	0
84	MG	1	3625	1/1	0.97	0.32	63,63,63,63	0
85	OHX	2	1993	7/7	0.97	0.11	99,99,99,99	0
85	OHX	L3	403	7/7	0.97	0.20	86,86,86,86	0
85	OHX	2	1995	7/7	0.97	0.10	91,91,91,91	0
85	OHX	2	1997	7/7	0.97	0.11	115,115,115,115	0
85	OHX	M5	302	7/7	0.97	0.21	88,88,88,88	0
85	OHX	2	1998	7/7	0.97	0.11	89,89,89,89	0
84	MG	1	3591	1/1	0.97	0.08	44,44,44,44	0
85	OHX	1	3882	7/7	0.97	0.19	90,90,90,90	0
85	OHX	1	3883	7/7	0.97	0.17	106,106,106,106	0
84	MG	1	3513	1/1	0.97	0.38	38,38,38,38	0
85	OHX	5	3999	7/7	0.97	0.29	76,76,76,76	0
85	OHX	2	2005	7/7	0.97	0.14	94,94,94,94	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	6	2032	7/7	0.97	0.10	87,87,87,87	0
85	OHX	5	3770	7/7	0.97	0.12	63,63,63,63	0
85	OHX	5	3784	7/7	0.97	0.12	70,70,70,70	0
85	OHX	5	3786	7/7	0.97	0.11	75,75,75,75	0
85	OHX	5	3788	7/7	0.97	0.09	78,78,78,78	0
85	OHX	5	3795	7/7	0.97	0.13	104,104,104,104	0
85	OHX	5	3796	7/7	0.97	0.11	89,89,89,89	0
85	OHX	6	2033	7/7	0.97	0.15	74,74,74,74	0
85	OHX	5	3800	7/7	0.97	0.11	78,78,78,78	0
85	OHX	1	3887	7/7	0.97	0.13	99,99,99,99	0
85	OHX	5	3810	7/7	0.97	0.11	87,87,87,87	0
85	OHX	5	3816	7/7	0.97	0.18	66,66,66,66	0
85	OHX	5	3817	7/7	0.97	0.14	67,67,67,67	0
85	OHX	6	2037	7/7	0.97	0.09	112,112,112,112	0
85	OHX	1	3756	7/7	0.97	0.10	68,68,68,68	0
85	OHX	5	3821	7/7	0.97	0.11	74,74,74,74	0
85	OHX	5	3824	7/7	0.97	0.14	82,82,82,82	0
85	OHX	5	3827	7/7	0.97	0.20	76,76,76,76	0
85	OHX	5	3832	7/7	0.97	0.09	103,103,103,103	0
85	OHX	5	3836	7/7	0.97	0.15	81,81,81,81	0
85	OHX	6	2042	7/7	0.97	0.15	100,100,100,100	0
85	OHX	6	2047	7/7	0.97	0.11	91,91,91,91	0
85	OHX	1	3765	7/7	0.97	0.11	79,79,79,79	0
85	OHX	5	3840	7/7	0.97	0.22	73,73,73,73	0
85	OHX	6	2049	7/7	0.97	0.16	85,85,85,85	0
85	OHX	5	3845	7/7	0.97	0.11	87,87,87,87	0
85	OHX	5	3846	7/7	0.97	0.24	58,58,58,58	0
85	OHX	6	2051	7/7	0.97	0.12	93,93,93,93	0
85	OHX	5	3850	7/7	0.97	0.10	107,107,107,107	0
85	OHX	6	2052	7/7	0.97	0.10	110,110,110,110	0
85	OHX	5	3854	7/7	0.97	0.24	80,80,80,80	0
85	OHX	5	3855	7/7	0.97	0.24	83,83,83,83	0
85	OHX	5	3856	7/7	0.97	0.08	120,120,120,120	0
85	OHX	5	4036	7/7	0.97	0.24	82,82,82,82	0
85	OHX	5	3857	7/7	0.97	0.21	71,71,71,71	0
85	OHX	5	3858	7/7	0.97	0.23	82,82,82,82	0
85	OHX	2	2048	7/7	0.97	0.20	87,87,87,87	0
85	OHX	5	3862	7/7	0.97	0.27	77,77,77,77	0
85	OHX	1	3891	7/7	0.97	0.26	81,81,81,81	0
85	OHX	5	3866	7/7	0.97	0.19	87,87,87,87	0
85	OHX	1	3892	7/7	0.97	0.22	95,95,95,95	0
85	OHX	6	2059	7/7	0.97	0.11	106,106,106,106	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	6	2060	7/7	0.97	0.07	138,138,138,138	0
85	OHX	1	3893	7/7	0.97	0.28	81,81,81,81	0
85	OHX	1	3776	7/7	0.97	0.15	69,69,69,69	0
85	OHX	1	3778	7/7	0.97	0.11	84,84,84,84	0
85	OHX	5	3875	7/7	0.97	0.11	112,112,112,112	0
85	OHX	6	2064	7/7	0.97	0.08	141,141,141,141	0
85	OHX	6	2065	7/7	0.97	0.12	94,94,94,94	0
85	OHX	6	2067	7/7	0.97	0.16	98,98,98,98	0
84	MG	3	220	1/1	0.97	0.16	46,46,46,46	0
85	OHX	1	3781	7/7	0.97	0.14	78,78,78,78	0
85	OHX	5	3883	7/7	0.97	0.20	91,91,91,91	0
85	OHX	1	3783	7/7	0.97	0.13	70,70,70,70	0
85	OHX	1	3900	7/7	0.97	0.25	83,83,83,83	0
85	OHX	6	2073	7/7	0.97	0.25	86,86,86,86	0
85	OHX	5	3887	7/7	0.97	0.23	72,72,72,72	0
85	OHX	5	3889	7/7	0.97	0.24	72,72,72,72	0
85	OHX	5	3890	7/7	0.97	0.20	97,97,97,97	0
85	OHX	1	3901	7/7	0.97	0.15	106,106,106,106	0
85	OHX	1	3902	7/7	0.97	0.25	88,88,88,88	0
85	OHX	1	3784	7/7	0.97	0.10	77,77,77,77	0
85	OHX	6	2078	7/7	0.97	0.22	98,98,98,98	0
85	OHX	2	2009	7/7	0.97	0.15	95,95,95,95	0
85	OHX	2	2051	7/7	0.97	0.26	93,93,93,93	0
85	OHX	5	3899	7/7	0.97	0.26	80,80,80,80	0
85	OHX	5	3900	7/7	0.97	0.17	103,103,103,103	0
85	OHX	1	3907	7/7	0.97	0.20	96,96,96,96	0
85	OHX	5	3902	7/7	0.97	0.24	87,87,87,87	0
85	OHX	1	3797	7/7	0.97	0.11	76,76,76,76	0
84	MG	6	1974	1/1	0.97	0.06	50,50,50,50	0
85	OHX	2	2053	7/7	0.97	0.08	130,130,130,130	0
85	OHX	2	2013	7/7	0.97	0.19	105,105,105,105	0
85	OHX	1	3913	7/7	0.97	0.28	70,70,70,70	0
85	OHX	8	212	7/7	0.97	0.11	91,91,91,91	0
85	OHX	8	213	7/7	0.97	0.19	83,83,83,83	0
85	OHX	5	3908	7/7	0.97	0.25	84,84,84,84	0
85	OHX	8	216	7/7	0.97	0.27	86,86,86,86	0
85	OHX	1	3999	7/7	0.97	0.24	82,82,82,82	0
85	OHX	2	2014	7/7	0.97	0.18	89,89,89,89	0
85	OHX	1	3809	7/7	0.97	0.10	107,107,107,107	0
85	OHX	8	220	7/7	0.97	0.09	120,120,120,120	0
84	MG	5	3579	1/1	0.97	0.37	32,32,32,32	0
85	OHX	6	2092	7/7	0.97	0.18	96,96,96,96	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
84	MG	1	3657	1/1	0.97	0.33	50,50,50,50	0
85	OHX	5	3915	7/7	0.97	0.22	91,91,91,91	0
85	OHX	6	2094	7/7	0.97	0.20	96,96,96,96	0
85	OHX	5	3917	7/7	0.97	0.24	86,86,86,86	0
84	MG	5	3506	1/1	0.97	0.46	47,47,47,47	0
85	OHX	1	4005	7/7	0.97	0.24	95,95,95,95	0
85	OHX	1	3816	7/7	0.97	0.14	84,84,84,84	0
85	OHX	1	3817	7/7	0.97	0.18	75,75,75,75	0
85	OHX	5	3923	7/7	0.97	0.23	85,85,85,85	0
85	OHX	5	3924	7/7	0.97	0.27	77,77,77,77	0
85	OHX	5	3925	7/7	0.97	0.25	81,81,81,81	0
85	OHX	6	2099	7/7	0.97	0.27	95,95,95,95	0
85	OHX	5	3927	7/7	0.97	0.18	87,87,87,87	0
85	OHX	m5	304	7/7	0.97	0.12	74,74,74,74	0
85	OHX	1	4008	7/7	0.97	0.20	82,82,82,82	0
85	OHX	1	4009	7/7	0.97	0.23	83,83,83,83	0
85	OHX	q2	502	7/7	0.97	0.17	61,61,61,61	0
85	OHX	2	2018	7/7	0.97	0.14	106,106,106,106	0
86	ZN	E1	501	1/1	0.97	0.05	115,115,115,115	0
84	MG	5	3731	1/1	0.97	0.21	37,37,37,37	0
84	MG	1	3576	1/1	0.97	0.47	28,28,28,28	0
85	OHX	1	3924	7/7	0.97	0.25	76,76,76,76	0
84	MG	1	3716	1/1	0.97	0.07	33,33,33,33	0
84	MG	5	3567	1/1	0.97	0.38	30,30,30,30	0
85	OHX	2	1999	7/7	0.98	0.10	84,84,84,84	0
85	OHX	5	3841	7/7	0.98	0.08	97,97,97,97	0
85	OHX	5	3842	7/7	0.98	0.11	91,91,91,91	0
85	OHX	1	3777	7/7	0.98	0.09	84,84,84,84	0
85	OHX	5	3844	7/7	0.98	0.15	70,70,70,70	0
85	OHX	2	2031	7/7	0.98	0.17	95,95,95,95	0
84	MG	1	3686	1/1	0.98	0.07	37,37,37,37	0
85	OHX	2	2002	7/7	0.98	0.09	84,84,84,84	0
85	OHX	1	3848	7/7	0.98	0.15	90,90,90,90	0
84	MG	sM	202	1/1	0.98	0.08	43,43,43,43	0
85	OHX	5	3853	7/7	0.98	0.11	83,83,83,83	0
84	MG	5	3494	1/1	0.98	0.34	30,30,30,30	0
85	OHX	1	3786	7/7	0.98	0.09	101,101,101,101	0
85	OHX	2	2020	7/7	0.98	0.10	103,103,103,103	0
85	OHX	4	226	7/7	0.98	0.15	106,106,106,106	0
85	OHX	1	3853	7/7	0.98	0.14	93,93,93,93	0
85	OHX	5	3859	7/7	0.98	0.17	81,81,81,81	0
85	OHX	1	3854	7/7	0.98	0.18	74,74,74,74	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	5	3861	7/7	0.98	0.09	103,103,103,103	0
85	OHX	1	3789	7/7	0.98	0.10	88,88,88,88	0
85	OHX	5	3863	7/7	0.98	0.24	86,86,86,86	0
85	OHX	1	3792	7/7	0.98	0.13	80,80,80,80	0
85	OHX	1	3857	7/7	0.98	0.21	79,79,79,79	0
85	OHX	1	3793	7/7	0.98	0.08	89,89,89,89	0
85	OHX	5	3868	7/7	0.98	0.09	96,96,96,96	0
85	OHX	2	2006	7/7	0.98	0.08	113,113,113,113	0
85	OHX	1	3796	7/7	0.98	0.09	79,79,79,79	0
85	OHX	6	2111	7/7	0.98	0.21	84,84,84,84	0
85	OHX	5	3872	7/7	0.98	0.19	65,65,65,65	0
85	OHX	2	2007	7/7	0.98	0.12	94,94,94,94	0
85	OHX	1	3798	7/7	0.98	0.11	75,75,75,75	0
85	OHX	M6	202	7/7	0.98	0.19	80,80,80,80	0
85	OHX	2	2088	7/7	0.98	0.19	94,94,94,94	0
85	OHX	5	3877	7/7	0.98	0.19	80,80,80,80	0
85	OHX	2	1994	7/7	0.98	0.11	99,99,99,99	0
85	OHX	1	3801	7/7	0.98	0.12	81,81,81,81	0
85	OHX	1	3804	7/7	0.98	0.10	88,88,88,88	0
85	OHX	O7	104	7/7	0.98	0.12	77,77,77,77	0
85	OHX	5	3882	7/7	0.98	0.26	67,67,67,67	0
85	OHX	O7	105	7/7	0.98	0.18	76,76,76,76	0
85	OHX	1	3805	7/7	0.98	0.13	72,72,72,72	0
85	OHX	6	2010	7/7	0.98	0.15	73,73,73,73	0
85	OHX	6	2016	7/7	0.98	0.13	71,71,71,71	0
85	OHX	6	2017	7/7	0.98	0.09	85,85,85,85	0
85	OHX	5	3888	7/7	0.98	0.22	91,91,91,91	0
85	OHX	6	2022	7/7	0.98	0.09	87,87,87,87	0
85	OHX	2	2024	7/7	0.98	0.19	89,89,89,89	0
85	OHX	6	2028	7/7	0.98	0.10	89,89,89,89	0
85	OHX	5	3892	7/7	0.98	0.20	80,80,80,80	0
85	OHX	6	2029	7/7	0.98	0.11	110,110,110,110	0
85	OHX	6	2030	7/7	0.98	0.18	74,74,74,74	0
85	OHX	6	2031	7/7	0.98	0.15	76,76,76,76	0
85	OHX	2	1986	7/7	0.98	0.10	81,81,81,81	0
85	OHX	1	3808	7/7	0.98	0.12	93,93,93,93	0
85	OHX	5	3898	7/7	0.98	0.19	80,80,80,80	0
85	OHX	6	2034	7/7	0.98	0.08	91,91,91,91	0
85	OHX	5	4035	7/7	0.98	0.18	63,63,63,63	0
85	OHX	6	2035	7/7	0.98	0.20	71,71,71,71	0
85	OHX	2	2010	7/7	0.98	0.19	88,88,88,88	0
85	OHX	1	3742	7/7	0.98	0.10	65,65,65,65	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	6	2039	7/7	0.98	0.12	83,83,83,83	0
85	OHX	1	3874	7/7	0.98	0.18	91,91,91,91	0
85	OHX	6	2041	7/7	0.98	0.13	74,74,74,74	0
85	OHX	1	3811	7/7	0.98	0.11	78,78,78,78	0
85	OHX	6	2043	7/7	0.98	0.18	77,77,77,77	0
85	OHX	6	2044	7/7	0.98	0.14	81,81,81,81	0
85	OHX	6	2046	7/7	0.98	0.10	95,95,95,95	0
85	OHX	1	3876	7/7	0.98	0.23	86,86,86,86	0
85	OHX	1	3747	7/7	0.98	0.10	64,64,64,64	0
85	OHX	1	3878	7/7	0.98	0.18	88,88,88,88	0
85	OHX	6	2050	7/7	0.98	0.15	92,92,92,92	0
85	OHX	1	3750	7/7	0.98	0.11	76,76,76,76	0
85	OHX	1	3880	7/7	0.98	0.20	89,89,89,89	0
85	OHX	6	2053	7/7	0.98	0.17	84,84,84,84	0
85	OHX	1	3814	7/7	0.98	0.16	71,71,71,71	0
85	OHX	6	2055	7/7	0.98	0.10	95,95,95,95	0
85	OHX	6	2056	7/7	0.98	0.17	82,82,82,82	0
85	OHX	1	3751	7/7	0.98	0.10	67,67,67,67	0
85	OHX	1	3755	7/7	0.98	0.14	67,67,67,67	0
85	OHX	1	3819	7/7	0.98	0.09	90,90,90,90	0
85	OHX	1	3885	7/7	0.98	0.24	78,78,78,78	0
85	OHX	2	2011	7/7	0.98	0.18	98,98,98,98	0
85	OHX	1	3757	7/7	0.98	0.10	70,70,70,70	0
85	OHX	1	3759	7/7	0.98	0.11	79,79,79,79	0
85	OHX	1	3825	7/7	0.98	0.16	83,83,83,83	0
85	OHX	5	3929	7/7	0.98	0.20	76,76,76,76	0
85	OHX	1	3762	7/7	0.98	0.08	66,66,66,66	0
85	OHX	6	2066	7/7	0.98	0.17	83,83,83,83	0
85	OHX	1	3827	7/7	0.98	0.20	72,72,72,72	0
84	MG	1	3635	1/1	0.98	0.23	41,41,41,41	0
85	OHX	1	3767	7/7	0.98	0.09	69,69,69,69	0
85	OHX	1	3830	7/7	0.98	0.12	86,86,86,86	0
85	OHX	7	211	7/7	0.98	0.08	74,74,74,74	0
85	OHX	7	212	7/7	0.98	0.16	70,70,70,70	0
85	OHX	5	3773	7/7	0.98	0.12	64,64,64,64	0
85	OHX	7	214	7/7	0.98	0.17	71,71,71,71	0
85	OHX	7	215	7/7	0.98	0.10	82,82,82,82	0
85	OHX	7	216	7/7	0.98	0.13	87,87,87,87	0
85	OHX	5	3775	7/7	0.98	0.10	60,60,60,60	0
85	OHX	5	3783	7/7	0.98	0.08	77,77,77,77	0
85	OHX	6	2071	7/7	0.98	0.19	79,79,79,79	0
85	OHX	1	3895	7/7	0.98	0.23	70,70,70,70	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	5	3787	7/7	0.98	0.09	63,63,63,63	0
85	OHX	1	3963	7/7	0.98	0.23	88,88,88,88	0
85	OHX	5	3793	7/7	0.98	0.08	87,87,87,87	0
85	OHX	8	214	7/7	0.98	0.11	102,102,102,102	0
85	OHX	5	3794	7/7	0.98	0.10	69,69,69,69	0
85	OHX	1	3831	7/7	0.98	0.17	86,86,86,86	0
85	OHX	1	3832	7/7	0.98	0.21	75,75,75,75	0
85	OHX	6	2076	7/7	0.98	0.22	81,81,81,81	0
85	OHX	1	3768	7/7	0.98	0.08	83,83,83,83	0
85	OHX	1	3834	7/7	0.98	0.10	99,99,99,99	0
85	OHX	5	3803	7/7	0.98	0.10	63,63,63,63	0
85	OHX	5	3804	7/7	0.98	0.12	63,63,63,63	0
85	OHX	5	3806	7/7	0.98	0.09	74,74,74,74	0
85	OHX	5	3807	7/7	0.98	0.10	74,74,74,74	0
85	OHX	5	3809	7/7	0.98	0.12	88,88,88,88	0
85	OHX	l3	406	7/7	0.98	0.16	79,79,79,79	0
85	OHX	1	3769	7/7	0.98	0.10	63,63,63,63	0
85	OHX	5	3813	7/7	0.98	0.10	81,81,81,81	0
85	OHX	2	1989	7/7	0.98	0.08	92,92,92,92	0
85	OHX	1	3771	7/7	0.98	0.10	76,76,76,76	0
85	OHX	6	2082	7/7	0.98	0.19	91,91,91,91	0
85	OHX	1	3838	7/7	0.98	0.24	68,68,68,68	0
85	OHX	5	3820	7/7	0.98	0.12	81,81,81,81	0
85	OHX	3	210	7/7	0.98	0.10	77,77,77,77	0
85	OHX	5	3822	7/7	0.98	0.18	64,64,64,64	0
85	OHX	5	3823	7/7	0.98	0.15	76,76,76,76	0
85	OHX	3	211	7/7	0.98	0.20	85,85,85,85	0
85	OHX	m5	305	7/7	0.98	0.18	94,94,94,94	0
85	OHX	1	3904	7/7	0.98	0.14	82,82,82,82	0
85	OHX	n3	203	7/7	0.98	0.20	76,76,76,76	0
85	OHX	o3	202	7/7	0.98	0.20	82,82,82,82	0
85	OHX	5	3828	7/7	0.98	0.22	73,73,73,73	0
85	OHX	5	3830	7/7	0.98	0.16	64,64,64,64	0
85	OHX	5	3831	7/7	0.98	0.13	77,77,77,77	0
85	OHX	1	3773	7/7	0.98	0.09	73,73,73,73	0
85	OHX	5	3834	7/7	0.98	0.13	79,79,79,79	0
86	ZN	d6	101	1/1	0.98	0.04	60,60,60,60	0
85	OHX	1	3774	7/7	0.98	0.09	74,74,74,74	0
85	OHX	1	3841	7/7	0.98	0.17	62,62,62,62	0
85	OHX	1	3908	7/7	0.98	0.16	103,103,103,103	0
85	OHX	1	3775	7/7	0.98	0.09	83,83,83,83	0
85	OHX	5	3847	7/7	0.99	0.15	67,67,67,67	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	5	3848	7/7	0.99	0.19	80,80,80,80	0
85	OHX	1	3746	7/7	0.99	0.07	65,65,65,65	0
85	OHX	2	1996	7/7	0.99	0.10	83,83,83,83	0
85	OHX	5	3851	7/7	0.99	0.10	52,52,52,52	0
85	OHX	1	3794	7/7	0.99	0.08	62,62,62,62	0
85	OHX	1	3748	7/7	0.99	0.09	72,72,72,72	0
85	OHX	1	3749	7/7	0.99	0.10	67,67,67,67	0
85	OHX	2	2004	7/7	0.99	0.09	86,86,86,86	0
85	OHX	2	1987	7/7	0.99	0.09	74,74,74,74	0
85	OHX	1	3753	7/7	0.99	0.07	67,67,67,67	0
85	OHX	1	3754	7/7	0.99	0.08	63,63,63,63	0
85	OHX	2	1992	7/7	0.99	0.07	89,89,89,89	0
85	OHX	1	3802	7/7	0.99	0.15	75,75,75,75	0
85	OHX	1	3803	7/7	0.99	0.18	74,74,74,74	0
85	OHX	N1	201	7/7	0.99	0.06	59,59,59,59	0
85	OHX	2	1984	7/7	0.99	0.10	78,78,78,78	0
85	OHX	N9	101	7/7	0.99	0.08	56,56,56,56	0
85	OHX	5	3865	7/7	0.99	0.12	87,87,87,87	0
85	OHX	2	2043	7/7	0.99	0.18	89,89,89,89	0
85	OHX	1	3758	7/7	0.99	0.06	67,67,67,67	0
84	MG	5	3634	1/1	0.99	0.06	31,31,31,31	0
85	OHX	1	3760	7/7	0.99	0.10	68,68,68,68	0
85	OHX	Q2	503	7/7	0.99	0.20	59,59,59,59	0
85	OHX	1	3861	7/7	0.99	0.16	67,67,67,67	0
85	OHX	6	2011	7/7	0.99	0.08	61,61,61,61	0
85	OHX	6	2012	7/7	0.99	0.08	67,67,67,67	0
85	OHX	5	4011	7/7	0.99	0.20	63,63,63,63	0
85	OHX	6	2013	7/7	0.99	0.09	70,70,70,70	0
85	OHX	6	2014	7/7	0.99	0.08	62,62,62,62	0
85	OHX	6	2015	7/7	0.99	0.11	75,75,75,75	0
85	OHX	1	3761	7/7	0.99	0.06	60,60,60,60	0
85	OHX	5	3742	7/7	0.99	0.13	46,46,46,46	0
85	OHX	5	3743	7/7	0.99	0.10	43,43,43,43	0
85	OHX	5	3745	7/7	0.99	0.07	43,43,43,43	0
85	OHX	5	3746	7/7	0.99	0.12	54,54,54,54	0
85	OHX	5	3747	7/7	0.99	0.11	53,53,53,53	0
85	OHX	5	3748	7/7	0.99	0.07	55,55,55,55	0
85	OHX	5	3749	7/7	0.99	0.10	52,52,52,52	0
85	OHX	5	3750	7/7	0.99	0.09	54,54,54,54	0
85	OHX	5	3751	7/7	0.99	0.09	52,52,52,52	0
85	OHX	5	3753	7/7	0.99	0.12	68,68,68,68	0
85	OHX	5	3754	7/7	0.99	0.06	50,50,50,50	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	5	3755	7/7	0.99	0.07	50,50,50,50	0
85	OHX	5	3756	7/7	0.99	0.06	60,60,60,60	0
85	OHX	5	3757	7/7	0.99	0.07	58,58,58,58	0
85	OHX	5	3758	7/7	0.99	0.09	55,55,55,55	0
85	OHX	5	3759	7/7	0.99	0.07	62,62,62,62	0
85	OHX	5	3760	7/7	0.99	0.07	56,56,56,56	0
85	OHX	5	3761	7/7	0.99	0.05	55,55,55,55	0
85	OHX	5	3762	7/7	0.99	0.08	63,63,63,63	0
85	OHX	5	3763	7/7	0.99	0.08	61,61,61,61	0
85	OHX	5	3764	7/7	0.99	0.06	57,57,57,57	0
85	OHX	5	3765	7/7	0.99	0.06	59,59,59,59	0
85	OHX	5	3766	7/7	0.99	0.07	63,63,63,63	0
85	OHX	5	3767	7/7	0.99	0.09	63,63,63,63	0
85	OHX	5	3768	7/7	0.99	0.07	58,58,58,58	0
85	OHX	5	3769	7/7	0.99	0.07	52,52,52,52	0
85	OHX	2	2001	7/7	0.99	0.08	83,83,83,83	0
85	OHX	5	3771	7/7	0.99	0.06	66,66,66,66	0
85	OHX	5	3772	7/7	0.99	0.08	61,61,61,61	0
85	OHX	6	2018	7/7	0.99	0.08	60,60,60,60	0
85	OHX	5	3774	7/7	0.99	0.08	53,53,53,53	0
85	OHX	6	2019	7/7	0.99	0.10	77,77,77,77	0
85	OHX	5	3776	7/7	0.99	0.10	86,86,86,86	0
85	OHX	5	3777	7/7	0.99	0.07	59,59,59,59	0
85	OHX	5	3778	7/7	0.99	0.07	64,64,64,64	0
85	OHX	5	3779	7/7	0.99	0.08	65,65,65,65	0
85	OHX	5	3780	7/7	0.99	0.07	59,59,59,59	0
85	OHX	5	3781	7/7	0.99	0.11	65,65,65,65	0
85	OHX	5	3782	7/7	0.99	0.09	76,76,76,76	0
85	OHX	6	2020	7/7	0.99	0.06	69,69,69,69	0
85	OHX	6	2021	7/7	0.99	0.06	74,74,74,74	0
85	OHX	5	3785	7/7	0.99	0.09	68,68,68,68	0
85	OHX	5	3920	7/7	0.99	0.14	73,73,73,73	0
85	OHX	1	3763	7/7	0.99	0.07	68,68,68,68	0
85	OHX	6	2023	7/7	0.99	0.07	71,71,71,71	0
85	OHX	6	2024	7/7	0.99	0.06	71,71,71,71	0
85	OHX	5	3789	7/7	0.99	0.07	59,59,59,59	0
85	OHX	5	3790	7/7	0.99	0.08	58,58,58,58	0
85	OHX	5	3791	7/7	0.99	0.07	73,73,73,73	0
85	OHX	5	3792	7/7	0.99	0.09	81,81,81,81	0
85	OHX	6	2025	7/7	0.99	0.09	73,73,73,73	0
85	OHX	6	2026	7/7	0.99	0.08	71,71,71,71	0
85	OHX	1	3764	7/7	0.99	0.16	64,64,64,64	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	5	3931	7/7	0.99	0.18	68,68,68,68	0
85	OHX	2	1983	7/7	0.99	0.11	75,75,75,75	0
85	OHX	5	3797	7/7	0.99	0.14	57,57,57,57	0
85	OHX	5	3798	7/7	0.99	0.07	80,80,80,80	0
85	OHX	1	3766	7/7	0.99	0.07	76,76,76,76	0
85	OHX	1	3815	7/7	0.99	0.16	71,71,71,71	0
85	OHX	5	3801	7/7	0.99	0.10	69,69,69,69	0
85	OHX	1	3726	7/7	0.99	0.10	43,43,43,43	0
85	OHX	1	3727	7/7	0.99	0.10	52,52,52,52	0
85	OHX	1	3818	7/7	0.99	0.19	58,58,58,58	0
85	OHX	5	3805	7/7	0.99	0.13	73,73,73,73	0
85	OHX	1	3729	7/7	0.99	0.10	53,53,53,53	0
85	OHX	1	3730	7/7	0.99	0.14	55,55,55,55	0
85	OHX	8	211	7/7	0.99	0.07	55,55,55,55	0
85	OHX	5	3808	7/7	0.99	0.12	67,67,67,67	0
85	OHX	1	3821	7/7	0.99	0.14	77,77,77,77	0
85	OHX	1	3731	7/7	0.99	0.09	50,50,50,50	0
85	OHX	5	3811	7/7	0.99	0.13	73,73,73,73	0
85	OHX	5	3812	7/7	0.99	0.09	74,74,74,74	0
85	OHX	5	3949	7/7	0.99	0.19	63,63,63,63	0
85	OHX	6	2038	7/7	0.99	0.11	71,71,71,71	0
85	OHX	5	3814	7/7	0.99	0.08	84,84,84,84	0
85	OHX	5	3815	7/7	0.99	0.15	68,68,68,68	0
85	OHX	1	3772	7/7	0.99	0.07	74,74,74,74	0
85	OHX	1	3824	7/7	0.99	0.12	56,56,56,56	0
85	OHX	1	3732	7/7	0.99	0.10	57,57,57,57	0
85	OHX	1	3733	7/7	0.99	0.07	47,47,47,47	0
85	OHX	1	3734	7/7	0.99	0.08	56,56,56,56	0
85	OHX	1	3735	7/7	0.99	0.08	54,54,54,54	0
85	OHX	6	2045	7/7	0.99	0.10	87,87,87,87	0
85	OHX	1	3736	7/7	0.99	0.08	63,63,63,63	0
85	OHX	1	3737	7/7	0.99	0.05	56,56,56,56	0
85	OHX	5	3825	7/7	0.99	0.14	68,68,68,68	0
85	OHX	5	3826	7/7	0.99	0.11	62,62,62,62	0
85	OHX	1	3779	7/7	0.99	0.11	71,71,71,71	0
85	OHX	1	3738	7/7	0.99	0.06	56,56,56,56	0
85	OHX	5	3829	7/7	0.99	0.12	68,68,68,68	0
85	OHX	1	3739	7/7	0.99	0.05	62,62,62,62	0
85	OHX	1	3782	7/7	0.99	0.07	77,77,77,77	0
85	OHX	4	215	7/7	0.99	0.07	54,54,54,54	0
85	OHX	5	3833	7/7	0.99	0.08	61,61,61,61	0
85	OHX	4	216	7/7	0.99	0.06	58,58,58,58	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	OHX	n3	202	7/7	0.99	0.09	72,72,72,72	0
85	OHX	5	3835	7/7	0.99	0.14	73,73,73,73	0
85	OHX	n9	102	7/7	0.99	0.10	59,59,59,59	0
85	OHX	4	217	7/7	0.99	0.08	68,68,68,68	0
85	OHX	o7	502	7/7	0.99	0.13	79,79,79,79	0
85	OHX	1	3740	7/7	0.99	0.09	60,60,60,60	0
85	OHX	1	3741	7/7	0.99	0.08	55,55,55,55	0
86	ZN	D6	500	1/1	0.99	0.03	81,81,81,81	0
85	OHX	1	3785	7/7	0.99	0.09	66,66,66,66	0
86	ZN	D9	101	1/1	0.99	0.03	79,79,79,79	0
85	OHX	2	2019	7/7	0.99	0.16	87,87,87,87	0
86	ZN	Q0	500	1/1	0.99	0.03	48,48,48,48	0
85	OHX	1	3787	7/7	0.99	0.09	73,73,73,73	0
86	ZN	Q3	501	1/1	0.99	0.03	58,58,58,58	0
85	OHX	1	3743	7/7	0.99	0.09	60,60,60,60	0
85	OHX	1	3745	7/7	0.99	0.10	66,66,66,66	0
86	ZN	d9	101	1/1	0.99	0.04	86,86,86,86	0
85	OHX	1	3948	7/7	0.99	0.19	70,70,70,70	0
85	OHX	1	3790	7/7	0.99	0.12	72,72,72,72	0
86	ZN	q3	501	1/1	0.99	0.03	57,57,57,57	0
85	OHX	1	3791	7/7	0.99	0.09	73,73,73,73	0
85	OHX	1	3744	7/7	1.00	0.06	54,54,54,54	0
85	OHX	1	3728	7/7	1.00	0.08	44,44,44,44	0
85	OHX	5	3744	7/7	1.00	0.10	40,40,40,40	0
86	ZN	O7	101	1/1	1.00	0.02	42,42,42,42	0
86	ZN	o7	501	1/1	1.00	0.02	45,45,45,45	0
86	ZN	q0	201	1/1	1.00	0.02	36,36,36,36	0
85	OHX	6	2009	7/7	1.00	0.10	57,57,57,57	0
85	OHX	1	3752	7/7	1.00	0.05	59,59,59,59	0
85	OHX	5	3752	7/7	1.00	0.06	40,40,40,40	0

5.5 Other polymers ⓘ

There are no such residues in this entry.