



wwPDB X-ray Structure Validation Summary Report ⓘ

Mar 12, 2026 – 07:52 PM UTC

PDB ID : 4U53 / pdb_00004u53
Title : Crystal structure of Deoxynivalenol bound to the yeast 80S ribosome
Authors : Garreau de Loubresse, N.; Prokhorova, I.; Yusupova, G.; Yusupov, M.
Deposited on : 2014-07-24
Resolution : 3.30 Å(reported)

This is a wwPDB X-ray Structure Validation Summary 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 : 4-5-2 with Phenix2.0
Mogul : 2022.3.0, CSD as543be (2022)
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 : 9.0.010 (Gargrove)
Density-Fitness : 1.0.12
Ideal geometry (proteins) : Engh & Huber (2001)
Ideal geometry (DNA, RNA) : Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP) : 2.49

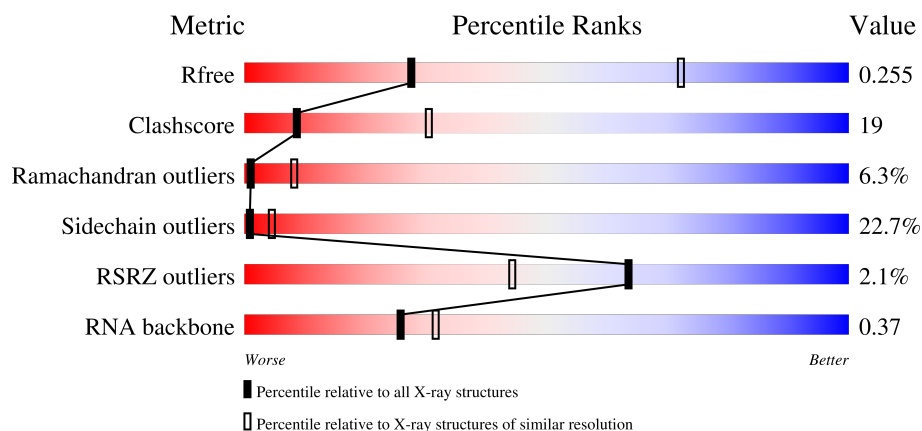
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 3.30 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.



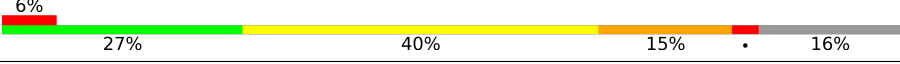
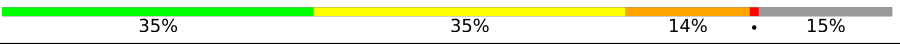
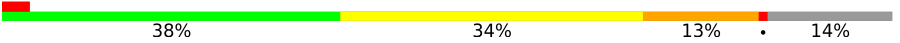
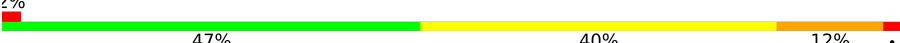
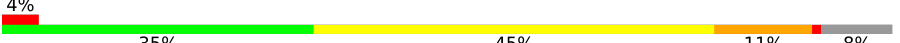
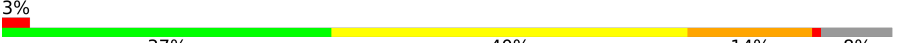
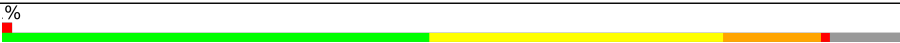
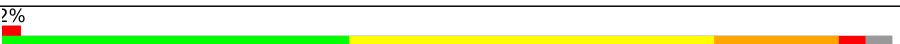
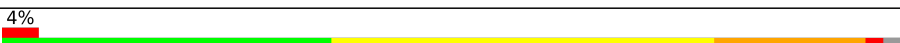
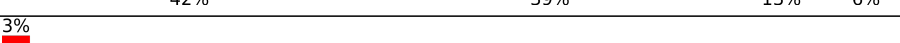
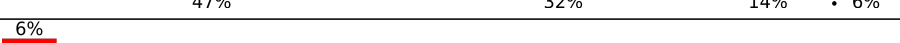
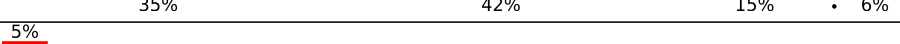
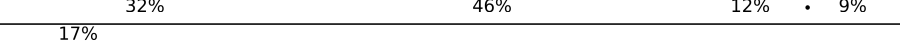
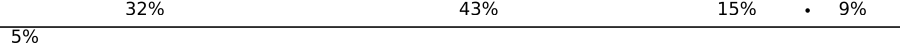
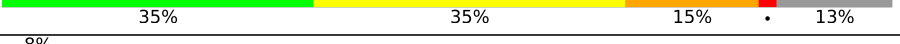
Metric	Whole archive (#Entries)	Similar resolution (#Entries, resolution range(Å))
R_{free}	180053	1169 (3.32-3.28)
Clashscore	190562	1209 (3.32-3.28)
Ramachandran outliers	187476	1188 (3.32-3.28)
Sidechain outliers	187428	1187 (3.32-3.28)
RSRZ outliers	180081	1169 (3.32-3.28)
RNA backbone	3983	1048 (3.60-3.00)

The table below summarises the geometric issues observed across the polymeric chains and their fit to the electron density. The red, orange, yellow and green segments of the lower bar indicate the fraction of residues that contain outliers for ≥ 3 , 2, 1 and 0 types of geometric quality criteria respectively. A grey segment represents the fraction of residues that are not modelled. The numeric value for each fraction is indicated below the corresponding segment, with a dot representing fractions $\leq 5\%$. The upper red bar (where present) indicates the fraction of residues that have poor fit to the electron density. The numeric value is given above the bar.

Mol	Chain	Length	Quality of chain
1	2	1800	2% 31% 48% 18%
1	6	1800	% 34% 48% 17%
2	S0	251	3% 29% 37% 14% 18%
2	s0	251	2% 30% 35% 15% 18%

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Mol	Chain	Length	Quality of chain
3	S1	254	
3	s1	254	
4	S2	253	
4	s2	253	
5	S3	239	
5	s3	239	
6	S4	260	
6	s4	260	
7	S5	224	
7	s5	224	
8	S6	236	
8	s6	236	
9	S7	189	
9	s7	189	
10	S8	200	
10	s8	200	
11	S9	196	
11	s9	196	
12	C0	105	
12	c0	105	
13	C1	155	
13	c1	155	
14	C2	142	
14	c2	142	
15	C3	150	

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Mol	Chain	Length	Quality of chain
15	c3	150	
16	C4	136	
16	c4	136	
17	C5	141	
17	c5	141	
18	C6	142	
18	c6	142	
19	C7	136	
19	c7	136	
20	C8	145	
20	c8	145	
21	C9	143	
21	c9	143	
22	D0	120	
22	d0	120	
23	D1	87	
23	d1	87	
24	D2	129	
24	d2	129	
25	D3	144	
25	d3	144	
26	D4	134	
26	d4	134	
27	D5	107	
27	d5	107	

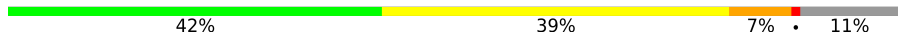
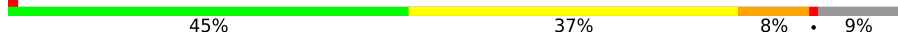
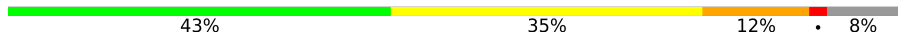
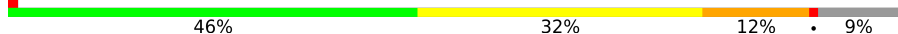
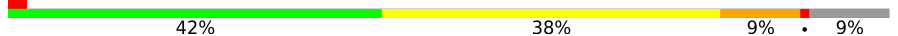
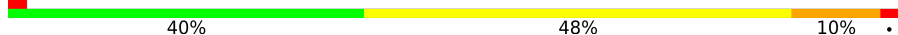
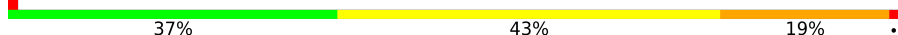
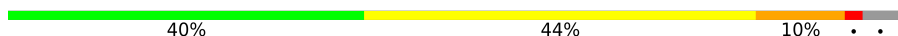
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Mol	Chain	Length	Quality of chain
28	D6	97	
28	d6	97	
29	D7	81	
29	d7	81	
30	D8	66	
30	d8	66	
31	D9	55	
31	d9	55	
32	E0	60	
33	E1	76	
33	e1	76	
34	SR	318	
34	sR	318	
35	SM	273	
35	sM	273	
36	1	3396	
36	5	3396	
37	3	121	
37	7	121	
38	4	158	
38	8	158	
39	L2	253	
39	l2	253	
40	L3	386	
40	l3	386	

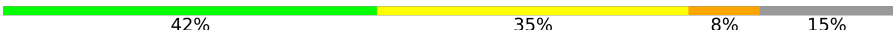
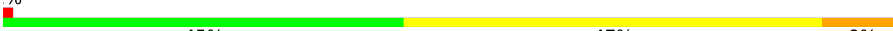
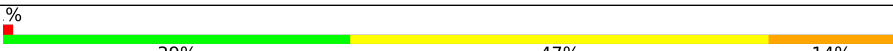
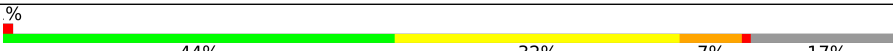
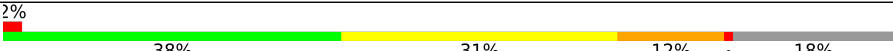
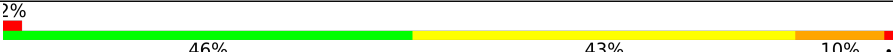
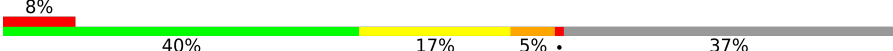
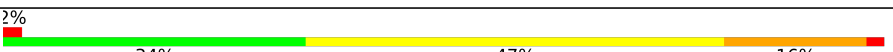
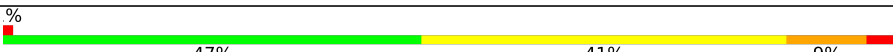
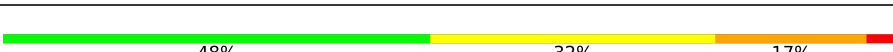
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Mol	Chain	Length	Quality of chain
41	L4	361	
41	l4	361	
42	L5	296	
42	l5	296	
43	L6	175	
43	l6	175	
44	L7	243	
44	l7	243	
45	L8	255	
45	l8	255	
46	L9	191	
46	l9	191	
47	M0	220	
47	m0	220	
48	M1	173	
48	m1	173	
49	M3	198	
49	m3	198	
50	M4	137	
50	m4	137	
51	M5	203	
51	m5	203	
52	M6	198	
52	m6	198	
53	M7	183	

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Mol	Chain	Length	Quality of chain
53	m7	183	
54	M8	185	
54	m8	185	
55	M9	188	
55	m9	188	
56	N0	172	
56	n0	172	
57	N1	159	
57	n1	159	
58	N2	120	
58	n2	120	
59	N3	136	
59	n3	136	
60	N4	155	
60	n4	155	
61	N5	141	
61	n5	141	
62	N6	126	
62	n6	126	
63	N7	135	
63	n7	135	
64	N8	148	
64	n8	148	
65	N9	58	
65	n9	58	

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Mol	Chain	Length	Quality of chain
66	O0	104	
66	o0	104	
67	O1	112	
67	o1	112	
68	O2	129	
68	o2	129	
69	O3	106	
69	o3	106	
70	O4	119	
70	o4	119	
71	O5	119	
71	o5	119	
72	O6	99	
72	o6	99	
73	O7	87	
73	o7	87	
74	O8	77	
74	o8	77	
75	O9	50	
75	o9	50	
76	Q0	52	
76	q0	52	
77	Q1	25	
77	q1	25	
78	Q2	105	

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Mol	Chain	Length	Quality of chain
78	q2	105	
79	Q3	91	
79	q3	91	
80	e0	62	
81	m2	160	
82	p0	311	
83	p1	47	
84	p2	46	

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

Mol	Type	Chain	Res	Chirality	Geometry	Clashes	Electron density
85	MG	1	3414	-	-	-	X
85	MG	1	3454	-	-	-	X
85	MG	1	3474	-	-	-	X
85	MG	1	3536	-	-	-	X
85	MG	1	3558	-	-	-	X
85	MG	1	3571	-	-	-	X
85	MG	1	3669	-	-	-	X
85	MG	2	1907	-	-	-	X
85	MG	2	1909	-	-	-	X
85	MG	2	1910	-	-	-	X
85	MG	2	1915	-	-	-	X
85	MG	2	1928	-	-	-	X
85	MG	2	1931	-	-	-	X
85	MG	2	1935	-	-	-	X
85	MG	2	1937	-	-	-	X
85	MG	2	1943	-	-	-	X
85	MG	2	1949	-	-	-	X
85	MG	2	1950	-	-	-	X
85	MG	2	1957	-	-	-	X
85	MG	2	1958	-	-	-	X
85	MG	2	1966	-	-	-	X
85	MG	2	1973	-	-	-	X
85	MG	2	1988	-	-	-	X

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Mol	Type	Chain	Res	Chirality	Geometry	Clashes	Electron density
85	MG	2	2007	-	-	-	X
85	MG	5	3411	-	-	-	X
85	MG	5	3479	-	-	-	X
85	MG	5	3527	-	-	-	X
85	MG	5	3594	-	-	-	X
85	MG	6	1922	-	-	-	X
85	MG	6	1924	-	-	-	X
85	MG	6	1946	-	-	-	X
85	MG	6	1951	-	-	-	X
85	MG	6	1968	-	-	-	X
85	MG	6	1972	-	-	-	X
85	MG	6	1991	-	-	-	X
85	MG	6	2028	-	-	-	X
85	MG	6	2037	-	-	-	X
85	MG	6	2038	-	-	-	X
85	MG	6	2043	-	-	-	X
85	MG	M5	302	-	-	-	X
86	OHX	1	3959	-	-	X	-
86	OHX	1	3961	-	-	X	-
86	OHX	1	3972	-	-	X	-
86	OHX	1	4004	-	-	X	-
86	OHX	1	4032	-	-	X	-
86	OHX	1	4045	-	-	X	-
86	OHX	1	4056	-	-	X	-
86	OHX	1	4057	-	-	X	-
86	OHX	1	4132	-	-	X	-
86	OHX	1	4140	-	-	X	-
86	OHX	1	4156	-	-	X	-
86	OHX	1	4163	-	-	X	-
86	OHX	1	4172	-	-	X	-
86	OHX	1	4180	-	-	X	-
86	OHX	1	4197	-	-	X	-
86	OHX	2	2031	-	-	X	-
86	OHX	2	2044	-	-	X	-
86	OHX	2	2090	-	-	X	-
86	OHX	2	2099	-	-	X	-
86	OHX	2	2131	-	-	X	-
86	OHX	2	2146	-	-	X	-
86	OHX	5	3936	-	-	X	-
86	OHX	5	3955	-	-	X	-
86	OHX	5	3966	-	-	X	-
86	OHX	5	3971	-	-	X	-

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Mol	Type	Chain	Res	Chirality	Geometry	Clashes	Electron density
86	OHX	5	3995	-	-	X	-
86	OHX	5	3996	-	-	X	-
86	OHX	5	4005	-	-	X	-
86	OHX	5	4015	-	-	X	-
86	OHX	5	4060	-	-	X	-
86	OHX	5	4084	-	-	X	-
86	OHX	5	4096	-	-	X	-
86	OHX	5	4137	-	-	X	-
86	OHX	5	4193	-	-	X	-
86	OHX	5	4195	-	-	X	-
86	OHX	5	4211	-	-	X	-
86	OHX	5	4228	-	-	X	-
86	OHX	5	4236	-	-	X	-
86	OHX	6	2058	-	-	X	-
86	OHX	6	2118	-	-	X	-
86	OHX	6	2124	-	-	X	-
86	OHX	6	2145	-	-	X	-
86	OHX	6	2170	-	-	X	-
86	OHX	6	2182	-	-	X	-
86	OHX	6	2189	-	-	X	-
86	OHX	8	218	-	-	X	-
86	OHX	8	226	-	-	X	-
86	OHX	8	227	-	-	X	-
86	OHX	O1	201	-	-	X	-
86	OHX	o7	503	-	-	X	-

2 Entry composition

There are 88 unique types of molecules in this entry. The entry contains 411183 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	1750	Total	C	N	O	P	0	0	0
			37283	16668	6591	12274	1750			
1	6	1795	Total	C	N	O	P	0	0	0
			38238	17095	6758	12590	1795			

- 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
			1583	1017	281	283	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
			1491	957	267	267				

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

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

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

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

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

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

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

There are 2 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
C0	89	ALA	GLY	conflict	UNP Q08745
c0	89	ALA	GLY	conflict	UNP Q08745

- Molecule 13 is a protein called 40S ribosomal protein S11-A.

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
			1168	747	221	197	3			

There are 2 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
C1	147	ALA	GLY	conflict	UNP P0CX47
c1	147	ALA	GLY	conflict	UNP P0CX47

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

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

There are 4 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
C2	104	ALA	GLY	conflict	UNP P48589
C2	110	ALA	GLY	conflict	UNP P48589
c2	104	ALA	GLY	conflict	UNP P48589
c2	110	ALA	GLY	conflict	UNP P48589

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

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

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

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

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

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

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
18	C6	141	Total	C	N	O		0	0	0
			1105	708	203	194				

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Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
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
			906	563	174	167	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			
31	d9	53	Total	C	N	O	S	0	0	0
			442	274	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			

- 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
			2441	1544	419	470	8			
34	sR	318	Total	C	N	O	S	0	0	0
			2442	1544	418	472	8			

- Molecule 35 is a protein called Suppressor protein STM1.

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

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
36	1	3149	Total	C	N	O	P	0	0	0
			67355	30086	12142	21978	3149			
36	5	3150	Total	C	N	O	P	0	0	0
			67376	30095	12145	21987	3149			

- 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
			1912	1190	388	333	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
			3075	1950	584	533	8			
40	l3	386	Total	C	N	O	S	0	0	0
			3075	1950	584	533	8			

- 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
			2748	1729	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			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
45	l8	231	Total	C	N	O	S	0	0	0
			1763	1130	316	314	3			

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

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

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
47	M0	211	Total	C	N	O	S	0	0	0
			1705	1083	322	294	6			
47	m0	213	Total	C	N	O	S	0	0	0
			1722	1094	325	297	6			

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

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	0	0	0
			1053	675	199	177			
50	m4	137	Total	C	N	O	0	0	0
			1059	678	200	179			

- 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	S	0	0	0
			1420	882	281	257				
53	m7	155	Total	C	N	O	S	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	S	0	0	0
			1521	935	326	260				
55	m9	188	Total	C	N	O	S	0	0	0
			1521	935	326	260				

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

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

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

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

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

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

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

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

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
60	N4	98	Total	C	N	O	S	0	0	0
			699	443	137	118	1			
60	n4	135	Total	C	N	O	S	0	0	0
			1038	651	206	180	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			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
61	n5	120	Total	C	N	O	S	0	0	0
			959	617	168	172	2			

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

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

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

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

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

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

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

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

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

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

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
67	O1	109	Total	C	N	O	S	0	0	0
			876	556	167	152	1			
67	o1	109	Total	C	N	O	S	0	0	0
			883	559	167	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
			880	545	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
			965	612	185	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
			770	481	156	131	2			

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

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

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
74	O8	77	Total	C	N	O		0	0	0
			612	391	115	106				
74	o8	77	Total	C	N	O		0	0	0
			608	388	114	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			

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

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

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

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
79	Q3	91	Total	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 40S ribosomal protein S30-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
80	e0	62	Total	C	N	O	S	0	0	0
			491	309	101	80	1			

- Molecule 81 is a protein called Unknown Protein m2.

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

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

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

- Molecule 83 is a protein called Unknown Protein p1.

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

- Molecule 84 is a protein called Unknown Protein p2.

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

- Molecule 85 is MAGNESIUM ION (CCD ID: MG) (formula: Mg).

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
85	2	123	Total	Mg	0	0
			123	123		
85	S2	1	Total	Mg	0	0
			1	1		
85	S8	1	Total	Mg	0	0
			1	1		
85	C3	1	Total	Mg	0	0
			1	1		
85	D0	1	Total	Mg	0	0
			1	1		
85	D3	1	Total	Mg	0	0
			1	1		
85	1	471	Total	Mg	0	0
			471	471		
85	3	14	Total	Mg	0	0
			14	14		
85	4	20	Total	Mg	0	0
			20	20		
85	L2	3	Total	Mg	0	0
			3	3		
85	L3	3	Total	Mg	0	0
			3	3		
85	L4	2	Total	Mg	0	0
			2	2		
85	L5	1	Total	Mg	0	0
			1	1		
85	L7	2	Total	Mg	0	0
			2	2		
85	L8	1	Total	Mg	0	0
			1	1		
85	M0	3	Total	Mg	0	0
			3	3		

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
85	M1	1	Total 1	Mg 1	0	0
85	M3	3	Total 3	Mg 3	0	0
85	M5	2	Total 2	Mg 2	0	0
85	M6	1	Total 1	Mg 1	0	0
85	M7	4	Total 4	Mg 4	0	0
85	M9	2	Total 2	Mg 2	0	0
85	N0	2	Total 2	Mg 2	0	0
85	N3	3	Total 3	Mg 3	0	0
85	N5	1	Total 1	Mg 1	0	0
85	N8	5	Total 5	Mg 5	0	0
85	O2	2	Total 2	Mg 2	0	0
85	O3	1	Total 1	Mg 1	0	0
85	O7	1	Total 1	Mg 1	0	0
85	6	147	Total 147	Mg 147	0	0
85	s1	1	Total 1	Mg 1	0	0
85	s8	2	Total 2	Mg 2	0	0
85	s9	1	Total 1	Mg 1	0	0
85	c1	1	Total 1	Mg 1	0	0
85	c7	1	Total 1	Mg 1	0	0
85	c8	2	Total 2	Mg 2	0	0
85	d3	3	Total 3	Mg 3	0	0

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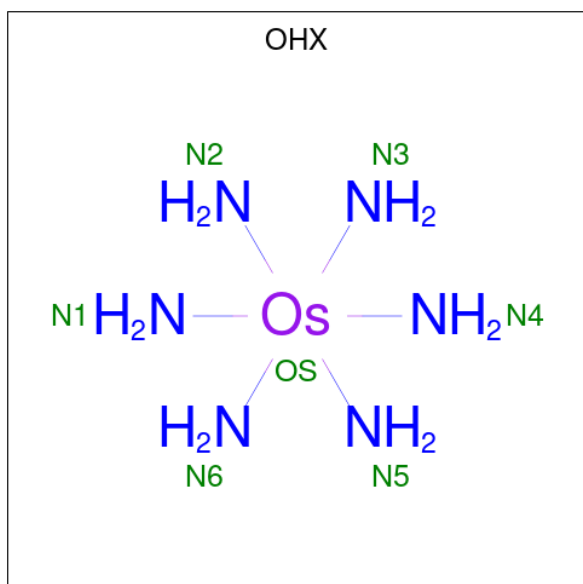
Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
85	d6	1	Total 1	Mg 1	0	0
85	sM	2	Total 2	Mg 2	0	0
85	5	496	Total 496	Mg 496	0	0
85	7	18	Total 18	Mg 18	0	0
85	8	15	Total 15	Mg 15	0	0
85	l2	2	Total 2	Mg 2	0	0
85	l3	3	Total 3	Mg 3	0	0
85	l4	1	Total 1	Mg 1	0	0
85	l5	3	Total 3	Mg 3	0	0
85	l7	2	Total 2	Mg 2	0	0
85	l9	1	Total 1	Mg 1	0	0
85	m0	1	Total 1	Mg 1	0	0
85	m1	1	Total 1	Mg 1	0	0
85	m5	2	Total 2	Mg 2	0	0
85	m6	2	Total 2	Mg 2	0	0
85	m7	5	Total 5	Mg 5	0	0
85	n0	2	Total 2	Mg 2	0	0
85	n3	2	Total 2	Mg 2	0	0
85	n6	2	Total 2	Mg 2	0	0
85	n8	2	Total 2	Mg 2	0	0
85	n9	1	Total 1	Mg 1	0	0

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
85	o0	1	Total	Mg	0	0
			1	1		
85	o1	1	Total	Mg	0	0
			1	1		
85	o3	2	Total	Mg	0	0
			2	2		
85	o4	1	Total	Mg	0	0
			1	1		
85	q0	1	Total	Mg	0	0
			1	1		
85	q3	2	Total	Mg	0	0
			2	2		

- Molecule 86 is osmium (III) hexammine (CCD ID: OHX) (formula: $\text{H}_{12}\text{N}_6\text{Os}$).



Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
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86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
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86	2	1	Total	N	Os	0	0
			7	6	1		
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			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
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86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
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86	2	1	Total	N	Os	0	0
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86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
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86	2	1	Total	N	Os	0	0
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86	2	1	Total	N	Os	0	0
			7	6	1		
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			7	6	1		
86	2	1	Total	N	Os	0	0
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86	2	1	Total	N	Os	0	0
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			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
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86	2	1	Total	N	Os	0	0
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86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
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86	2	1	Total	N	Os	0	0
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86	2	1	Total	N	Os	0	0
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			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	S6	1	Total	N	Os	0	0
			7	6	1		
86	S8	1	Total	N	Os	0	0
			7	6	1		
86	C3	1	Total	N	Os	0	0
			7	6	1		
86	C5	1	Total	N	Os	0	0
			7	6	1		
86	C8	1	Total	N	Os	0	0
			7	6	1		
86	D3	1	Total	N	Os	0	0
			7	6	1		
86	D9	1	Total	N	Os	0	0
			7	6	1		
86	SR	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
86	1	1	Total	N	Os	0	0
			7	6	1		
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86	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	1	1	Total	N	Os	0	0
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86	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	1	1	Total	N	Os	0	0
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86	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	1	1	Total	N	Os	0	0
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86	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	1	1	Total	N	Os	0	0
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86	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	1	1	Total	N	Os	0	0
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86	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	1	1	Total	N	Os	0	0
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86	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	1	1	Total	N	Os	0	0
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86	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	1	1	Total	N	Os	0	0
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86	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	1	1	Total	N	Os	0	0
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86	1	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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86	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	1	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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86	4	1	Total	N	Os	0	0
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86	4	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	4	1	Total 7	N 6	Os 1	0	0
86	4	1	Total 7	N 6	Os 1	0	0
86	4	1	Total 7	N 6	Os 1	0	0
86	4	1	Total 7	N 6	Os 1	0	0
86	4	1	Total 7	N 6	Os 1	0	0
86	4	1	Total 7	N 6	Os 1	0	0
86	4	1	Total 7	N 6	Os 1	0	0
86	4	1	Total 7	N 6	Os 1	0	0
86	4	1	Total 7	N 6	Os 1	0	0
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86	L3	1	Total 7	N 6	Os 1	0	0
86	L4	1	Total 7	N 6	Os 1	0	0
86	M0	1	Total 7	N 6	Os 1	0	0
86	M5	1	Total 7	N 6	Os 1	0	0
86	M7	1	Total 7	N 6	Os 1	0	0
86	M7	1	Total 7	N 6	Os 1	0	0
86	M9	1	Total 7	N 6	Os 1	0	0
86	N9	1	Total 7	N 6	Os 1	0	0
86	O1	1	Total 7	N 6	Os 1	0	0
86	O3	1	Total 7	N 6	Os 1	0	0

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	O6	1	Total	N	Os	0	0
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86	O7	1	Total	N	Os	0	0
			7	6	1		
86	O9	1	Total	N	Os	0	0
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86	Q2	1	Total	N	Os	0	0
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86	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	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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86	s1	1	Total	N	Os	0	0
			7	6	1		
86	s8	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	c5	1	Total	N	Os	0	0
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86	c8	1	Total	N	Os	0	0
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86	d4	1	Total	N	Os	0	0
			7	6	1		
86	d9	1	Total	N	Os	0	0
			7	6	1		
86	sR	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	5	1	Total	N	Os	0	0
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86	5	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	5	1	Total	N	Os	0	0
			7	6	1		
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86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
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86	5	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	5	1	Total	N	Os	0	0
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86	5	1	Total	N	Os	0	0
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86	5	1	Total	N	Os	0	0
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86	5	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
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			7	6	1		
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			7	6	1		
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			7	6	1		
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			7	6	1		
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			7	6	1		
86	5	1	Total	N	Os	0	0
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86	5	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
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86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
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86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
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			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
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			7	6	1		
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			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
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86	5	1	Total	N	Os	0	0
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86	5	1	Total	N	Os	0	0
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86	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
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			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
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			7	6	1		
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			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
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			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	5	1	Total	N	Os	0	0
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86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
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			7	6	1		
86	5	1	Total	N	Os	0	0
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86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
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86	5	1	Total	N	Os	0	0
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86	5	1	Total	N	Os	0	0
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86	5	1	Total	N	Os	0	0
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86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	5	1	Total	N	Os	0	0
			7	6	1		
86	5	1	Total	N	Os	0	0
			7	6	1		
86	7	1	Total	N	Os	0	0
			7	6	1		
86	7	1	Total	N	Os	0	0
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86	7	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
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86	8	1	Total	N	Os	0	0
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86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
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86	14	1	Total	N	Os	0	0
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86	15	1	Total	N	Os	0	0
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86	15	1	Total	N	Os	0	0
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86	15	1	Total	N	Os	0	0
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86	15	1	Total	N	Os	0	0
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86	19	1	Total	N	Os	0	0
			7	6	1		
86	m0	1	Total	N	Os	0	0
			7	6	1		
86	m0	1	Total	N	Os	0	0
			7	6	1		
86	m1	1	Total	N	Os	0	0
			7	6	1		
86	m4	1	Total	N	Os	0	0
			7	6	1		
86	m5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	m6	1	Total	N	Os	0	0
			7	6	1		
86	m7	1	Total	N	Os	0	0
			7	6	1		
86	m8	1	Total	N	Os	0	0
			7	6	1		
86	n3	1	Total	N	Os	0	0
			7	6	1		
86	n3	1	Total	N	Os	0	0
			7	6	1		
86	n6	1	Total	N	Os	0	0
			7	6	1		
86	n9	1	Total	N	Os	0	0
			7	6	1		
86	o2	1	Total	N	Os	0	0
			7	6	1		
86	o3	1	Total	N	Os	0	0
			7	6	1		
86	o7	1	Total	N	Os	0	0
			7	6	1		
86	o7	1	Total	N	Os	0	0
			7	6	1		
86	q2	1	Total	N	Os	0	0
			7	6	1		

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

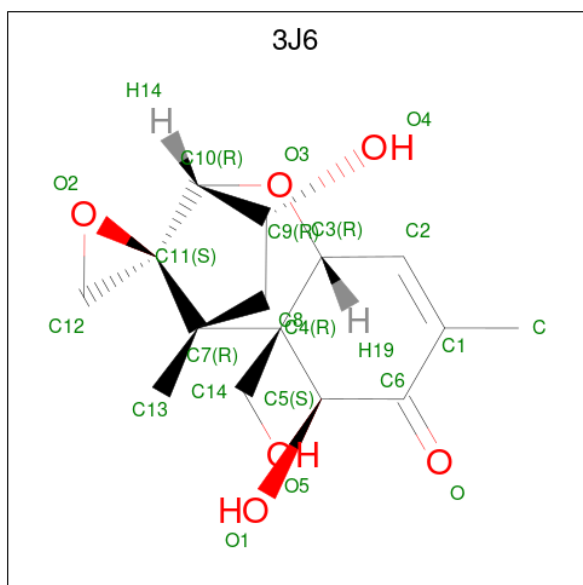
Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
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			1	1		
87	D7	1	Total	Zn	0	0
			1	1		
87	D9	1	Total	Zn	0	0
			1	1		
87	E1	1	Total	Zn	0	0
			1	1		
87	O7	1	Total	Zn	0	0
			1	1		
87	Q0	1	Total	Zn	0	0
			1	1		
87	Q2	1	Total	Zn	0	0
			1	1		

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
87	Q3	1	Total	Zn	0	0
			1	1		
87	d6	1	Total	Zn	0	0
			1	1		
87	d7	1	Total	Zn	0	0
			1	1		
87	d9	1	Total	Zn	0	0
			1	1		
87	e1	1	Total	Zn	0	0
			1	1		
87	o7	1	Total	Zn	0	0
			1	1		
87	q0	1	Total	Zn	0	0
			1	1		
87	q2	1	Total	Zn	0	0
			1	1		
87	q3	1	Total	Zn	0	0
			1	1		

- Molecule 88 is (3beta,7alpha)-3,7,15-trihydroxy-12,13-epoxytrichothec-9-en-8-one (CCD ID: 3J6) (formula: C₁₅H₂₀O₆).

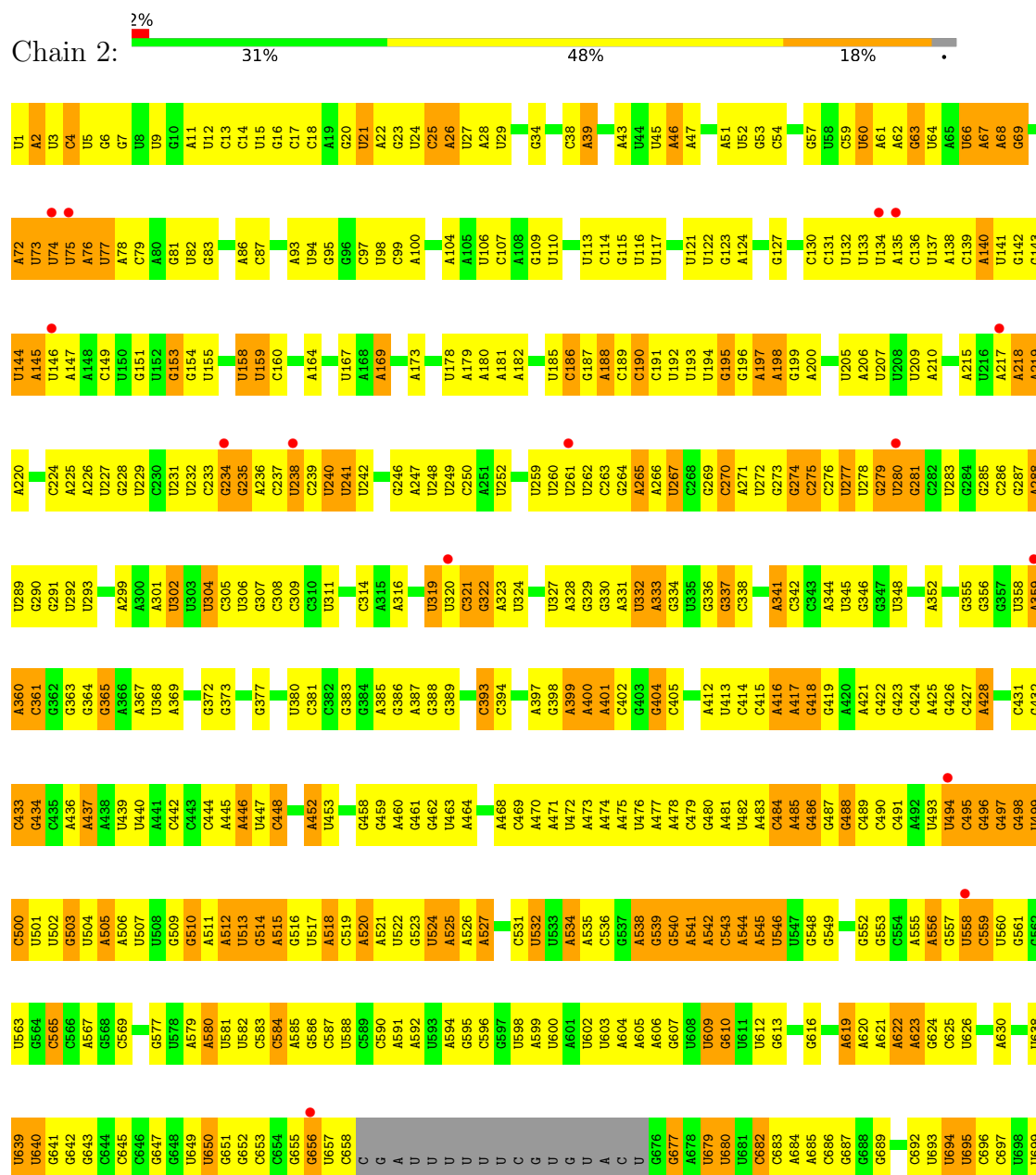


Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
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			21	15 6		
88	5	1	Total	C O	0	0
			21	15 6		

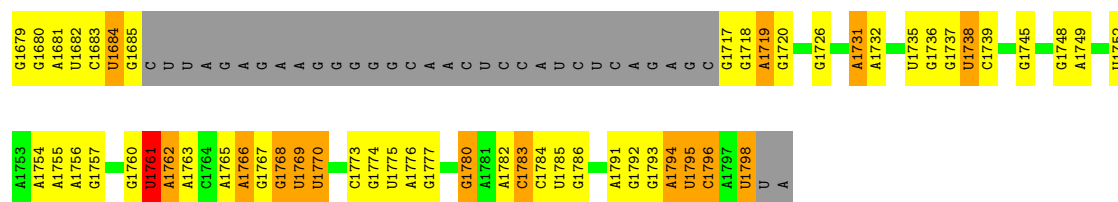
3 Residue-property plots

These plots are drawn for all protein, RNA, DNA and oligosaccharide chains in the entry. The first graphic for a chain summarises the proportions of the various outlier classes displayed in the second graphic. The second graphic shows the sequence view annotated by issues in geometry and electron density. Residues are color-coded according to the number of geometric quality criteria for which they contain at least one outlier: green = 0, yellow = 1, orange = 2 and red = 3 or more. A red dot above a residue indicates a poor fit to the electron density ($RSRZ > 2$). Stretches of 2 or more consecutive residues without any outlier are shown as a green connector. Residues present in the sample, but not in the model, are shown in grey.

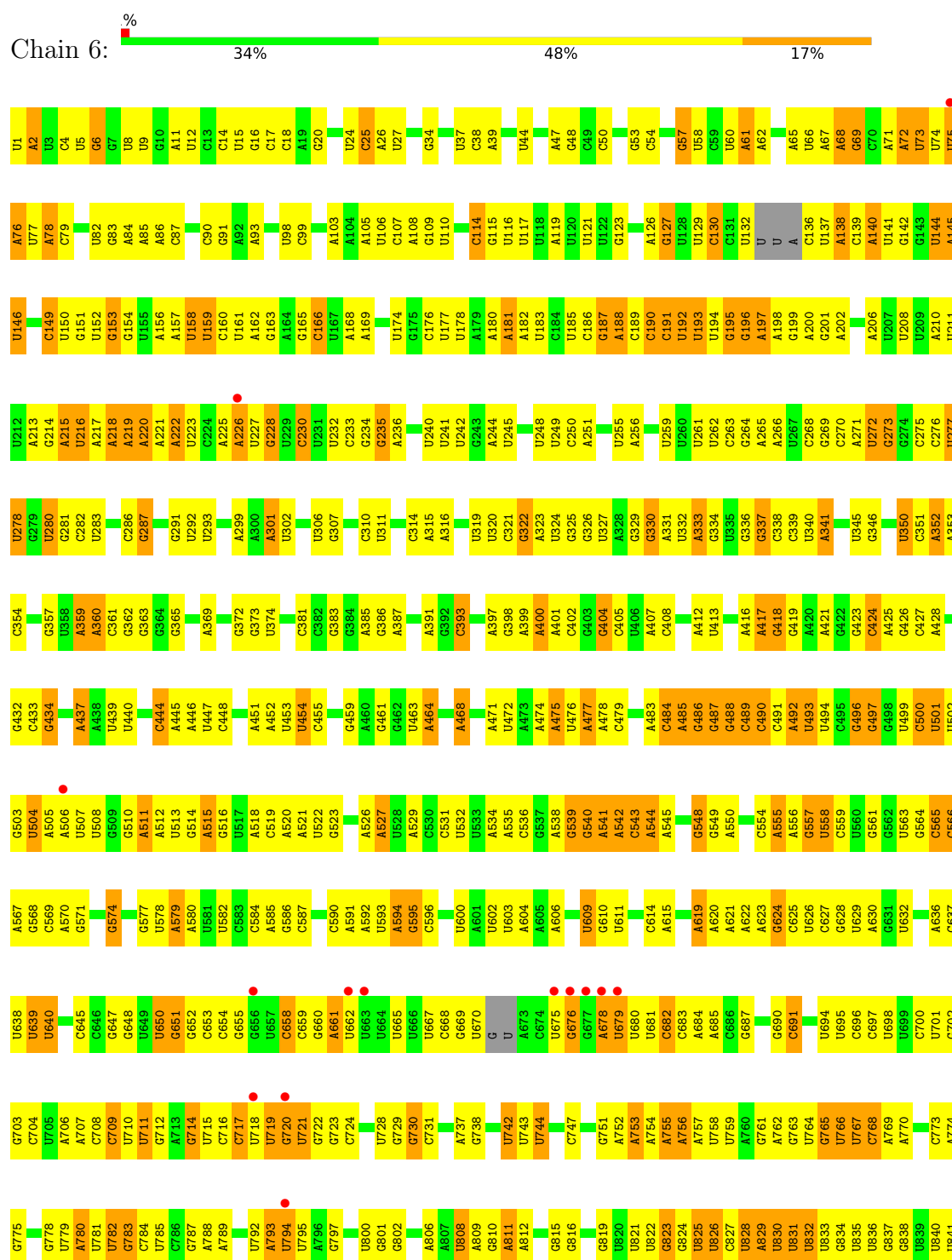
• Molecule 1: 18S ribosomal RNA



G1601	U1604	G1605	G1606	G1607	U1608	U1609	G1610	A1611	G1612	U1613	A1614	G1615	G1616	U1617	G1618	G1619	G1620	U1621	G1622	G1623	U1624	G1625	G1629	G1630	A1631	C1636	G1637	G1638	G1642	A1648	G1649	C1652	G1653	G1654	U1657	G1658	A1659	G1663	G1664	G1665	G1668	U1669	G1670	A1671	G1672	G1673	U1676	G1677	U1678							
U1538	G1539	G1540	G1541	G1542	U1543	U1544	U1545	G1546	A1547	G1548	U1549	U1550	U1551	U1552	G1553	A1556	U1557	U1558	U1559	U1560	U1561	G1562	C1563	U1564	C1565	U1566	U1567	C1568	A1569	C1570	G1571	G1572	A1573	G1574	G1575	A1576	U1577	U1578	U1579	C1580	C1581	G1584	U1585	A1586	U1587	G1588	U1589	G1590	U1591	A1592	A1593	G1594	U1595	C1596	A1597	U1600
G1474	A1475	C1476	G1477	G1478	A1479	G1480	C1481	C1482	A1483	G1484	C1485	G1486	A1487	G1488	U1489	C1490	U1491	A1492	A1493	C1494	G1497	G1498	G1499	C1500	A1503	U1504	A1505	G1506	G1507	U1508	G1509	U1510	U1511	U1514	U1515	A1516	U1517	C1518	U1519	U1520	G1521	U1522	G1523	A1524	A1525	U1526	U1529	C1530	G1531	U1532	C1533	G1534	U1535	G1536	C1537	A1540
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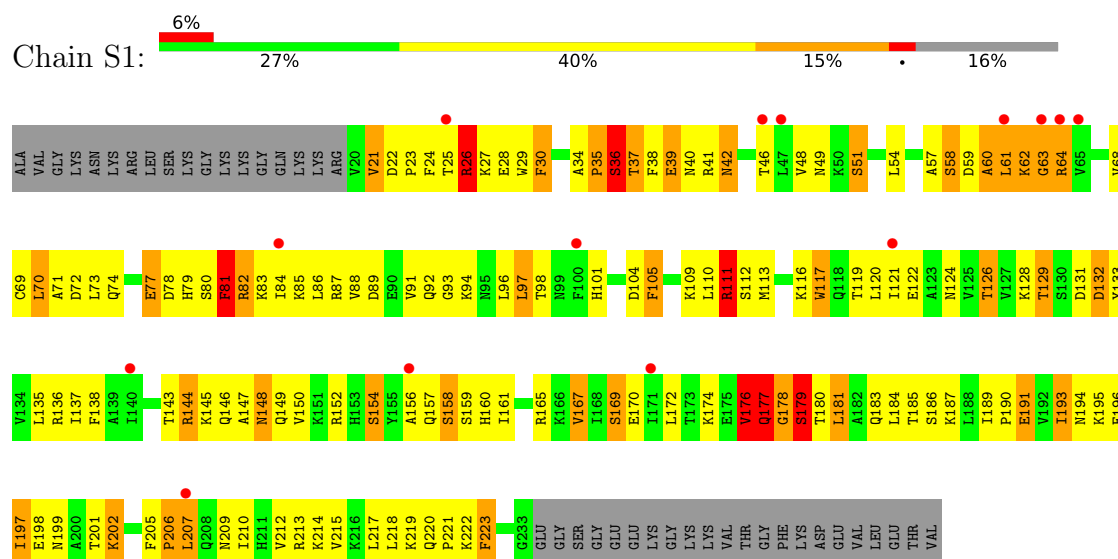


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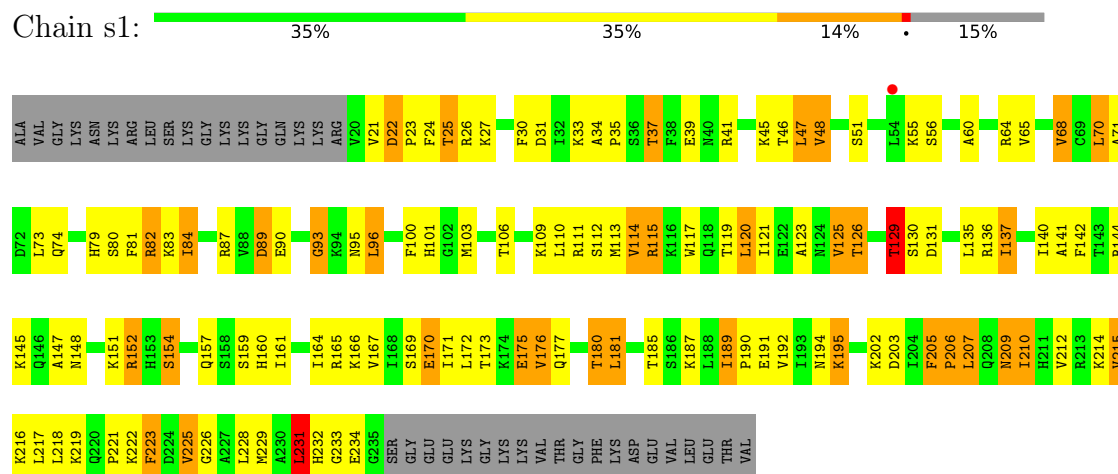


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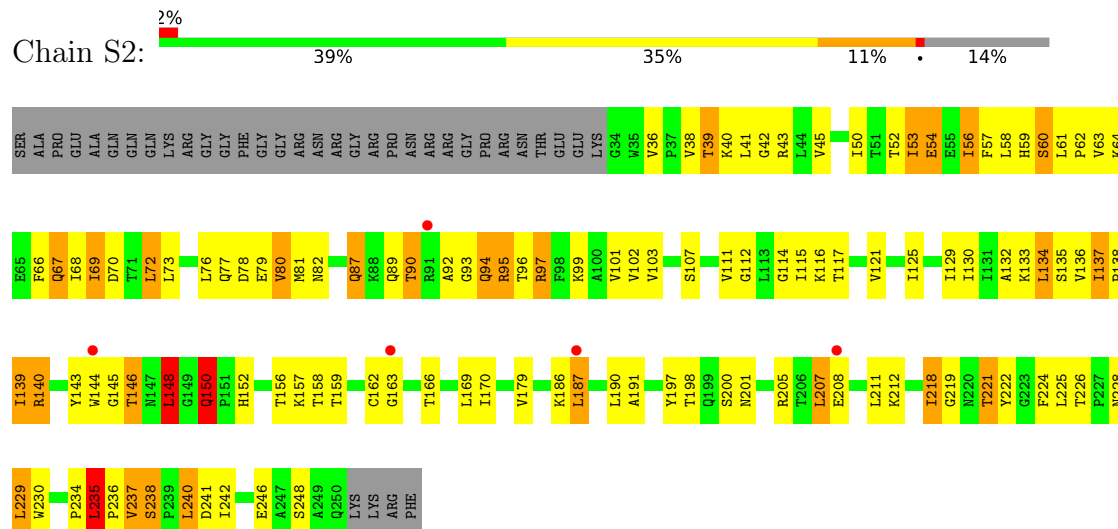
- Molecule 2: 40S ribosomal protein S0-A



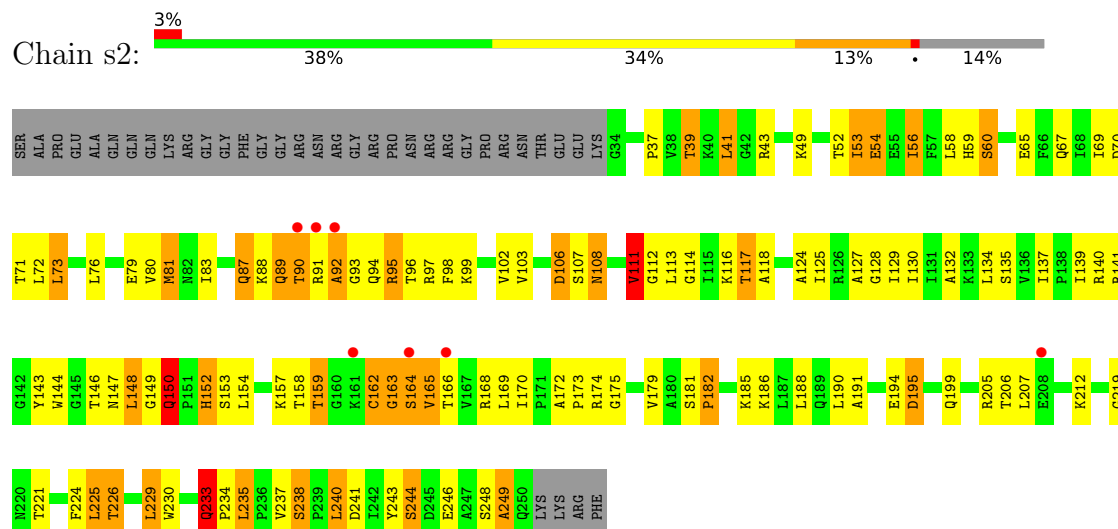
• Molecule 3: 40S ribosomal protein S1-A



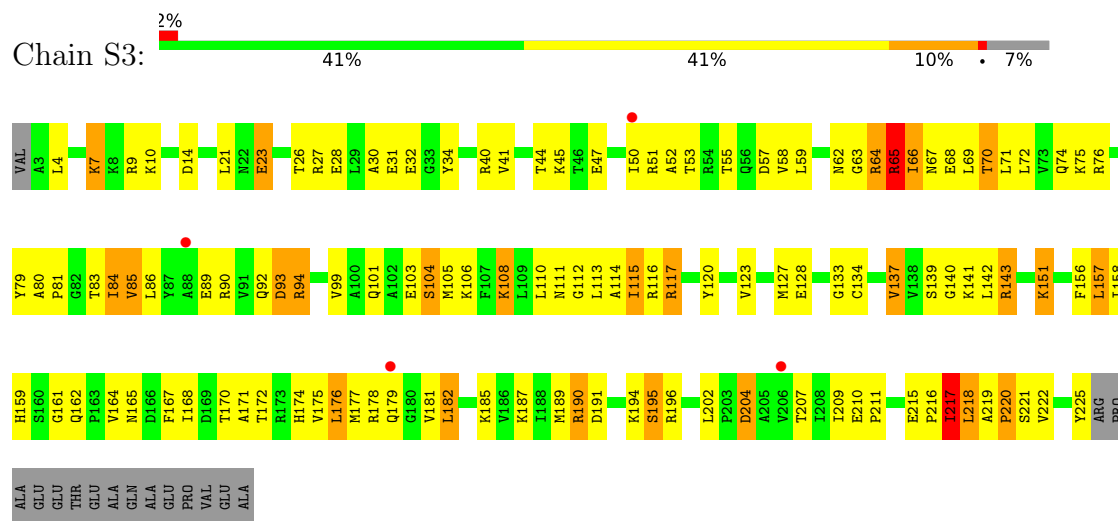
• Molecule 4: 40S ribosomal protein S2



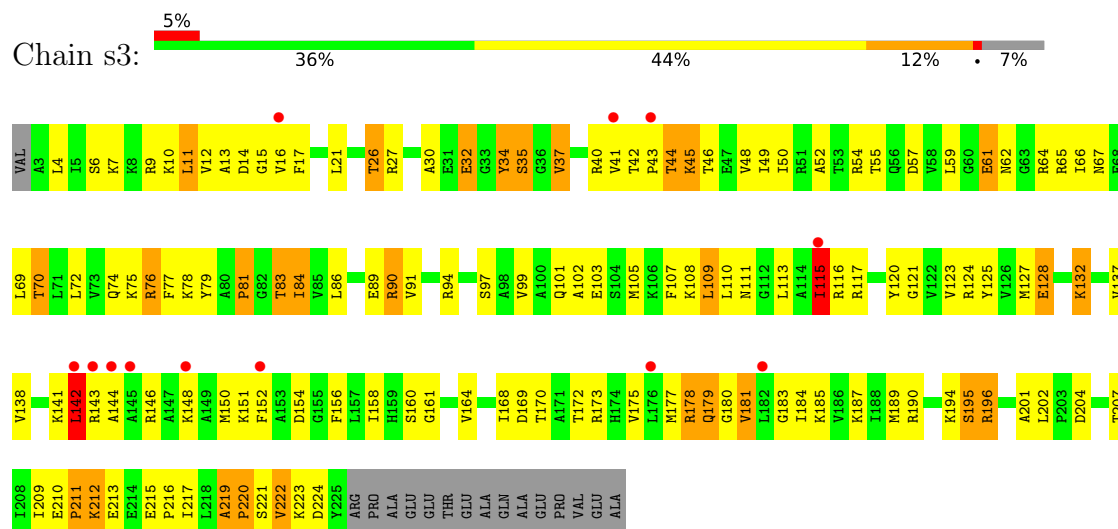
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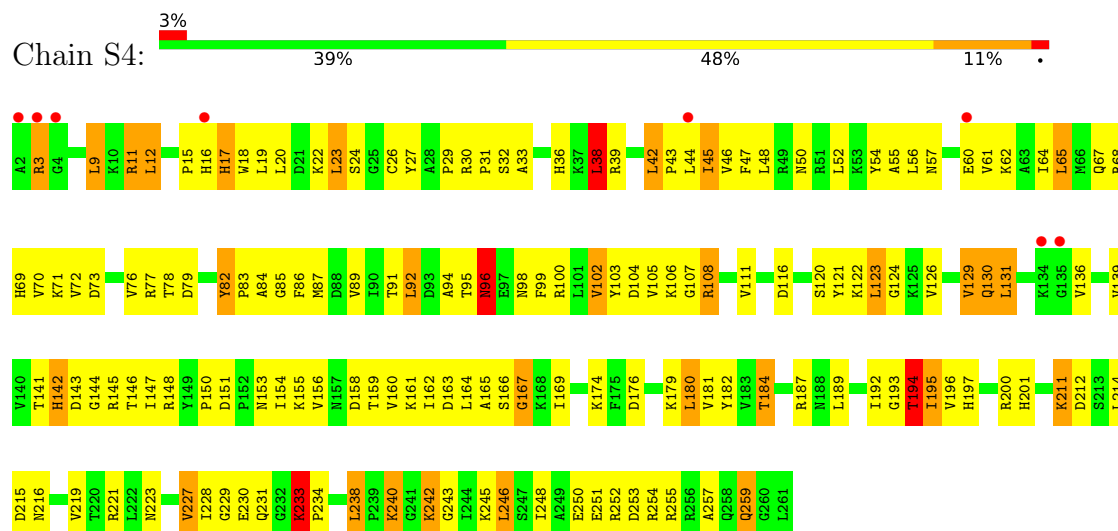
• Molecule 5: 40S ribosomal protein S3



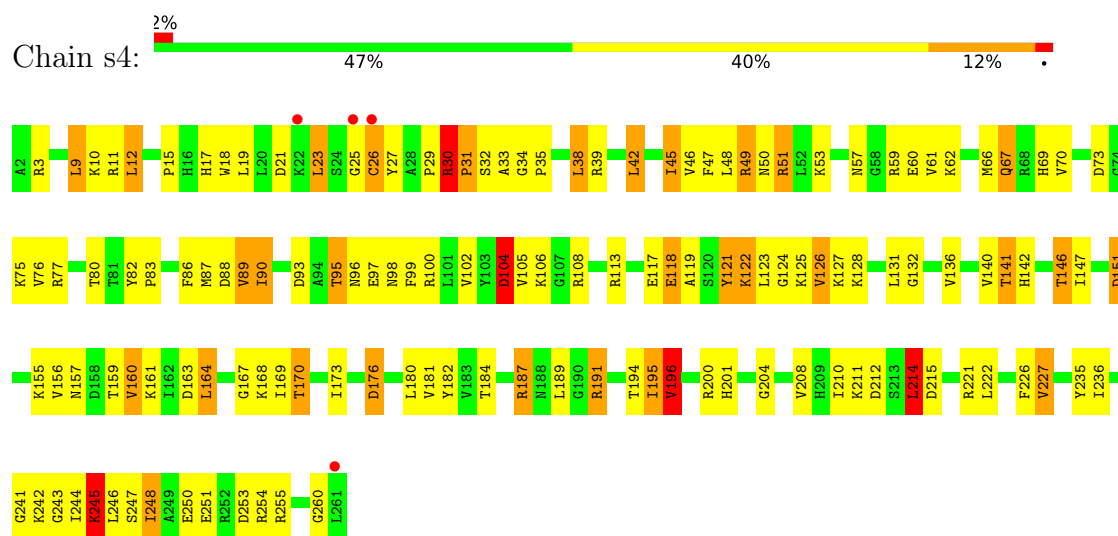
• Molecule 5: 40S ribosomal protein S3



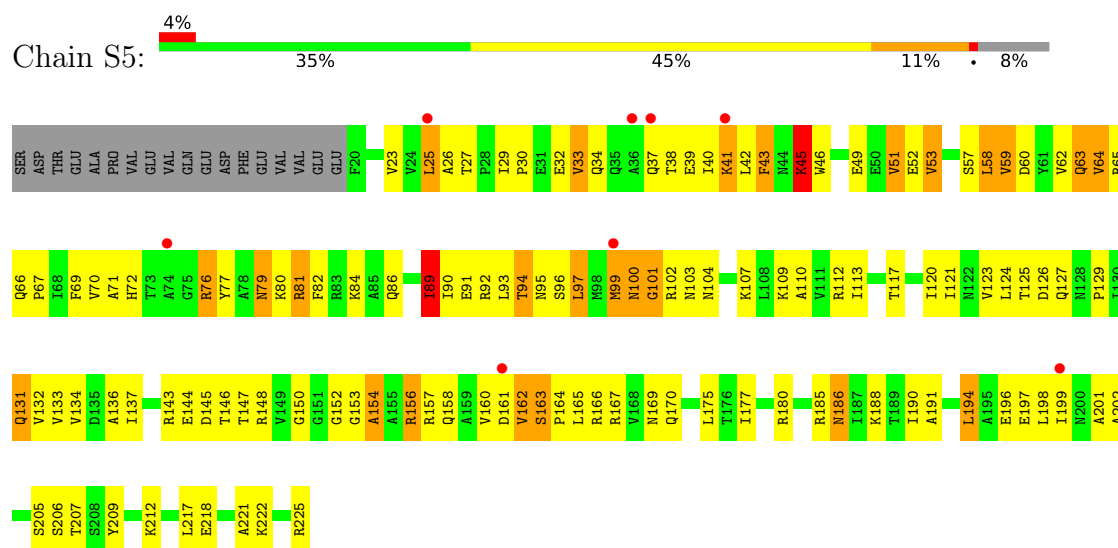
• Molecule 6: 40S ribosomal protein S4-A



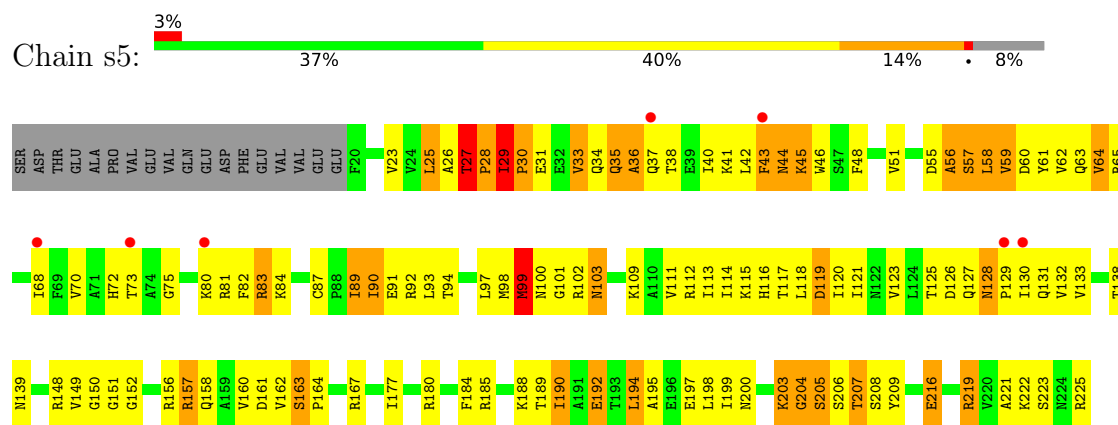
- Molecule 6: 40S ribosomal protein S4-A



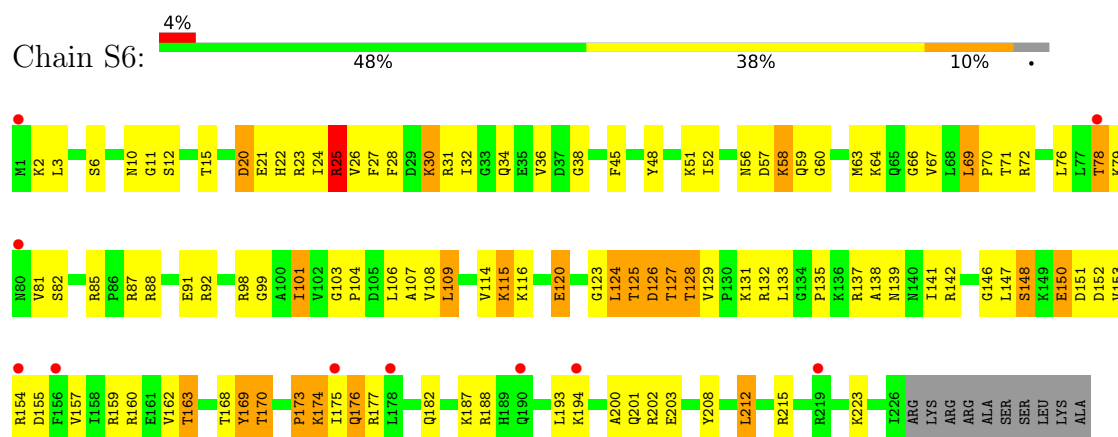
- Molecule 7: 40S ribosomal protein S5



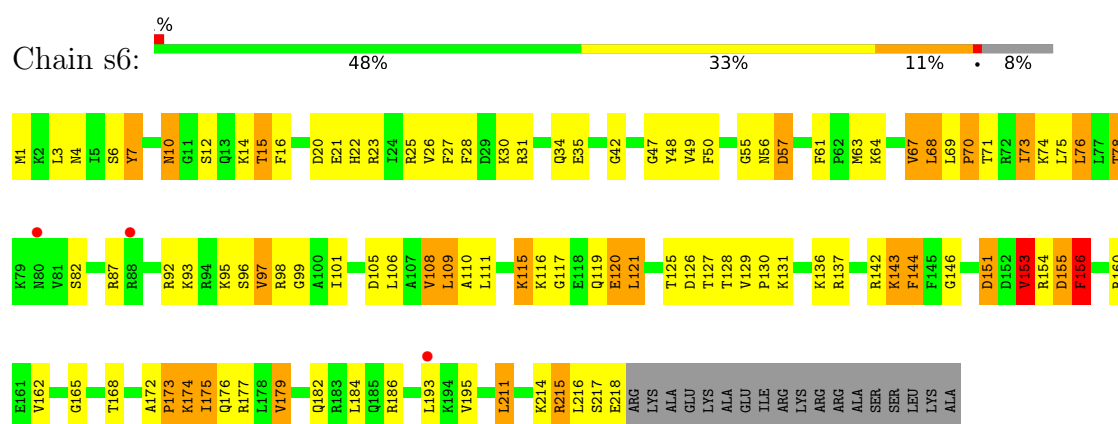
- Molecule 7: 40S ribosomal protein S5



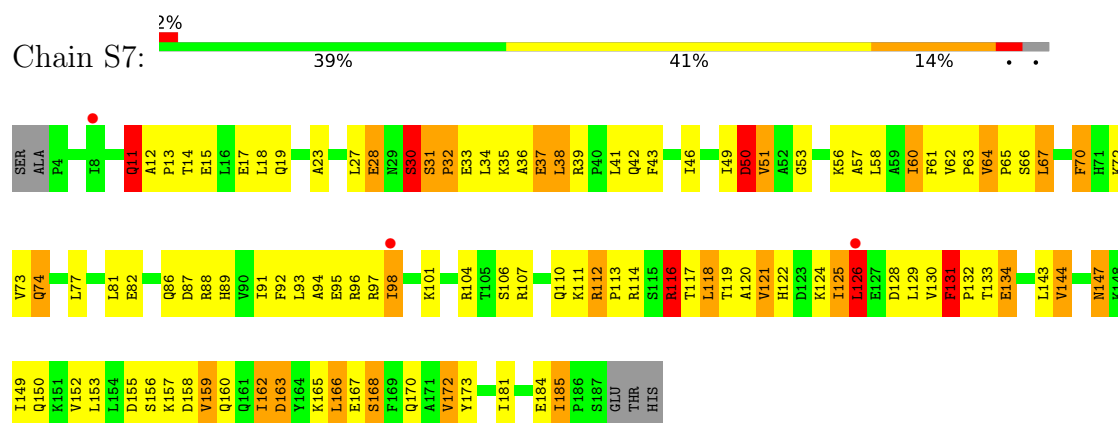
- Molecule 8: 40S ribosomal protein S6-A



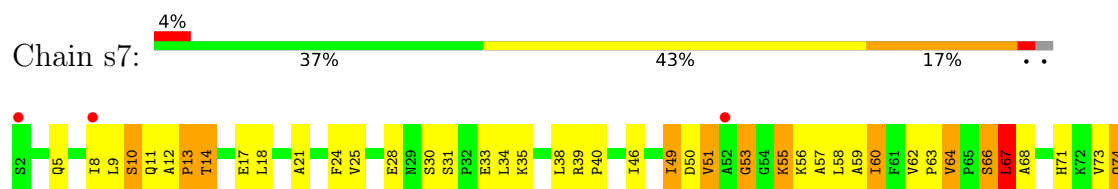
• Molecule 8: 40S ribosomal protein S6-A

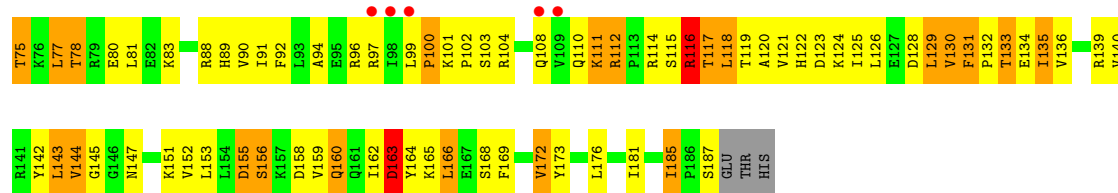


• Molecule 9: 40S ribosomal protein S7-A

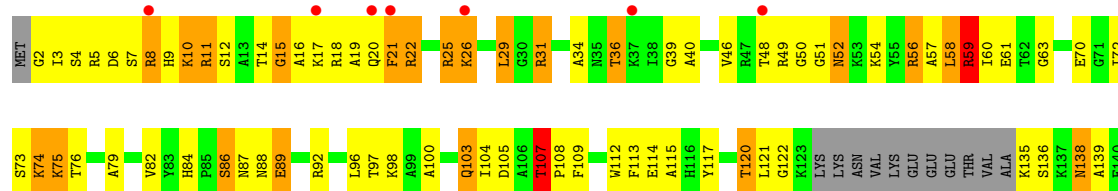


• Molecule 9: 40S ribosomal protein S7-A

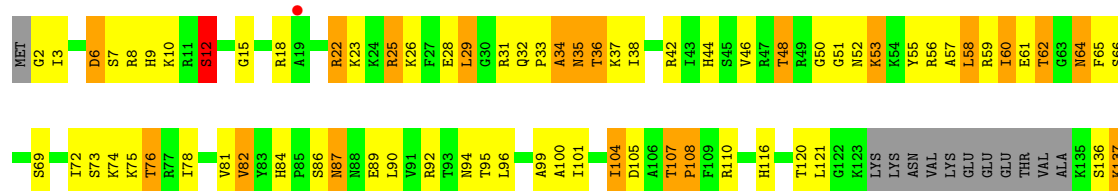
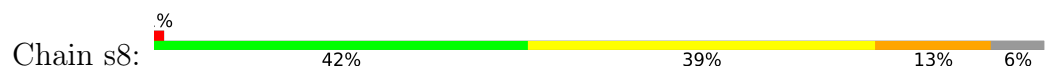




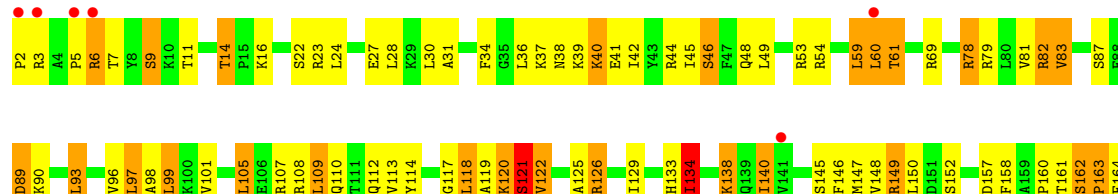
• Molecule 10: 40S ribosomal protein S8-A



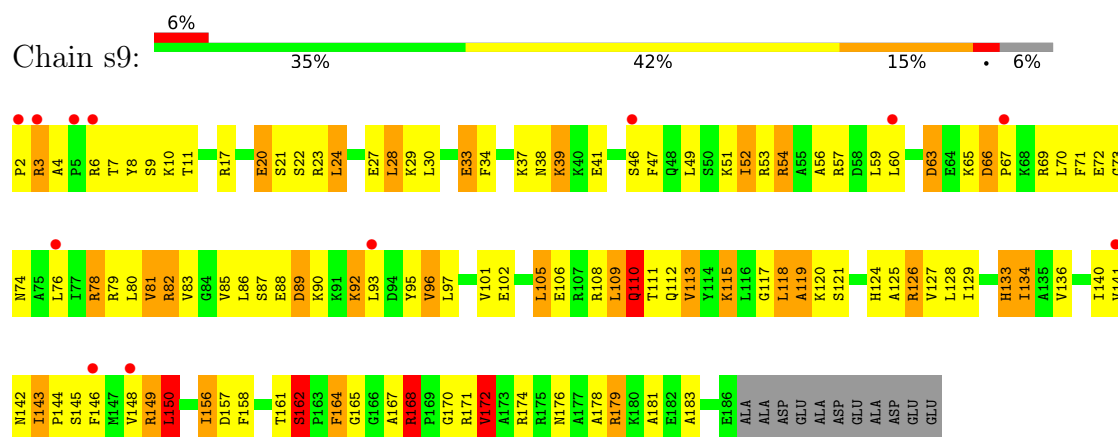
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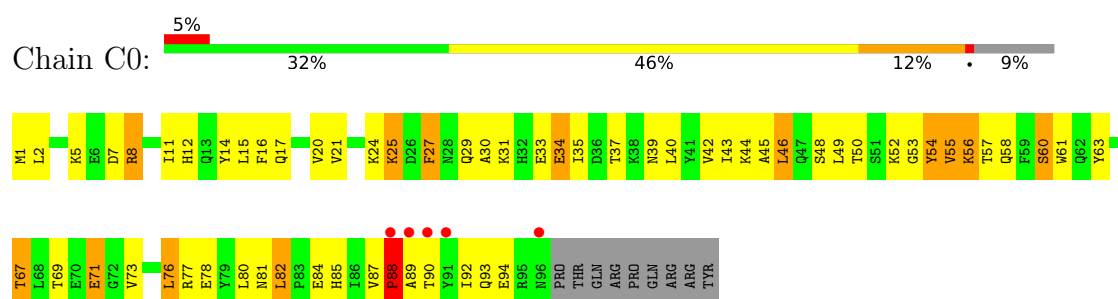
• Molecule 11: 40S ribosomal protein S9-A



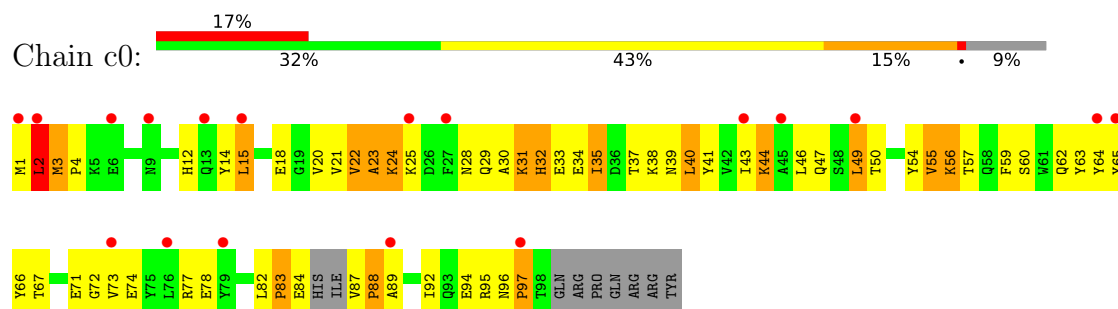
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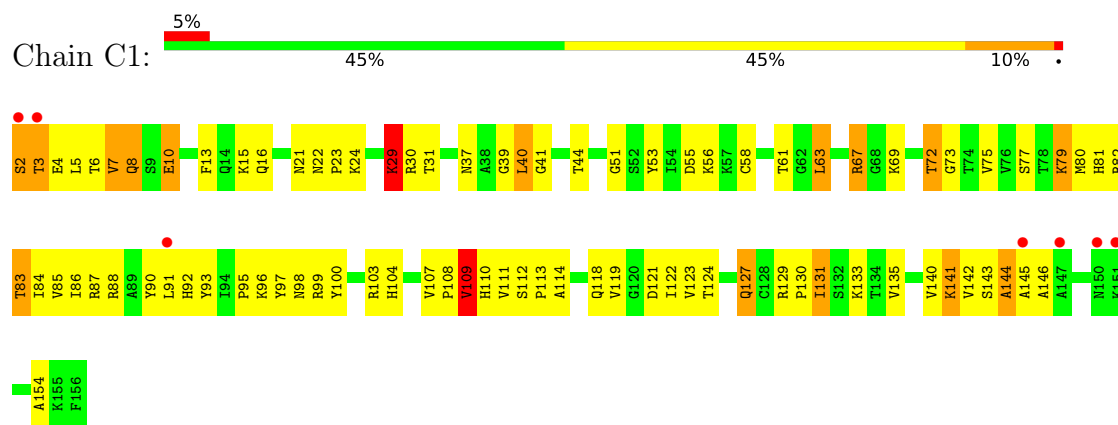
• Molecule 12: 40S ribosomal protein S10-A



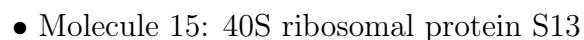
• Molecule 12: 40S ribosomal protein S10-A

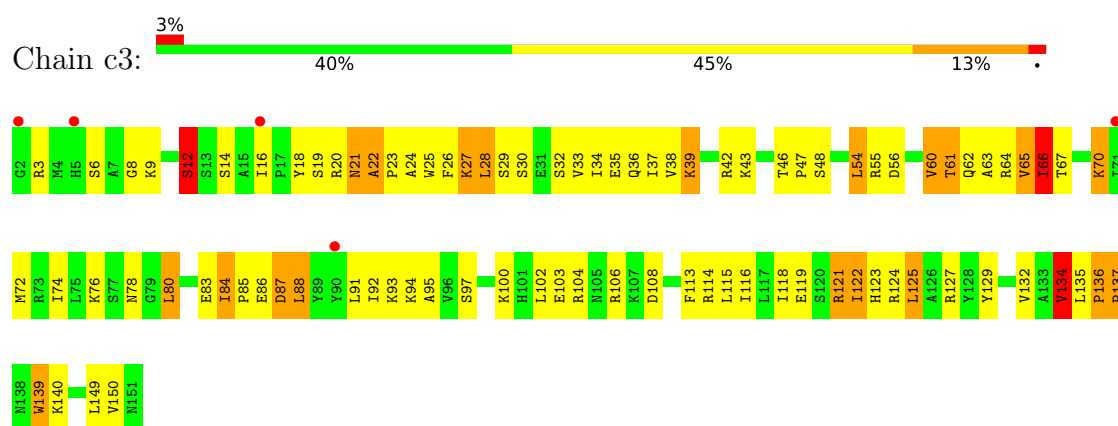


• Molecule 13: 40S ribosomal protein S11-A

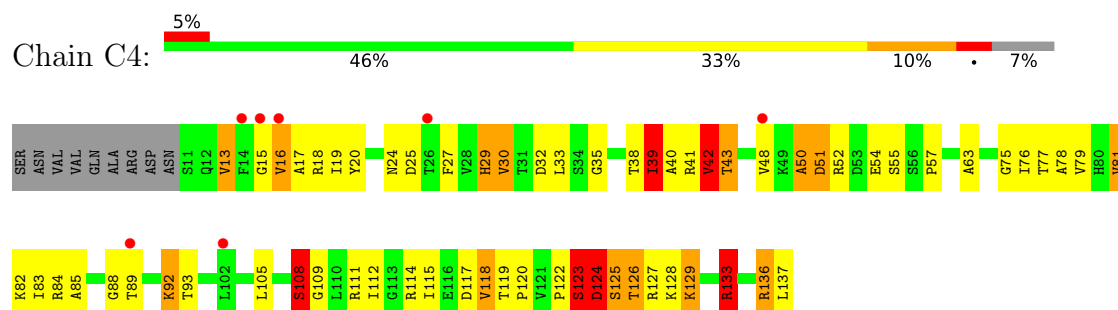


• Molecule 13: 40S ribosomal protein S11-A

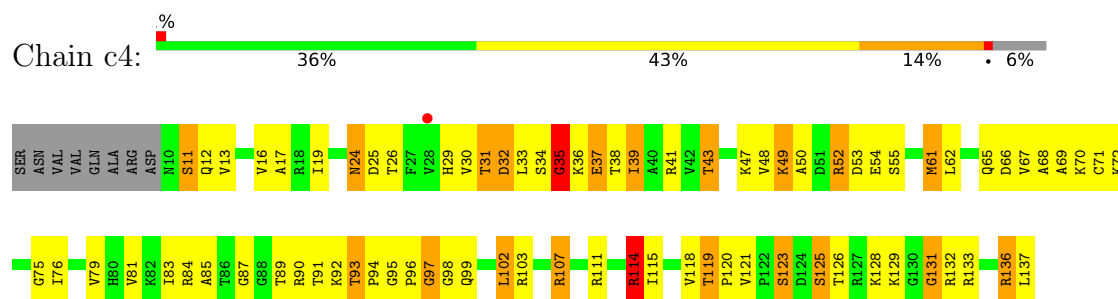




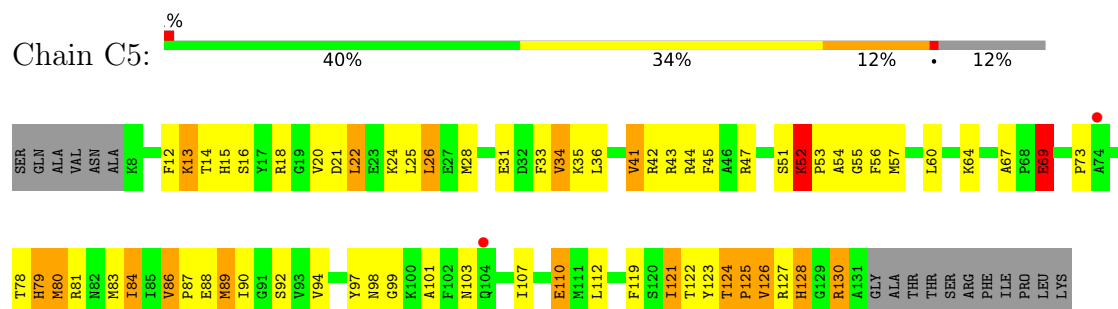
• Molecule 16: 40S ribosomal protein S14-A



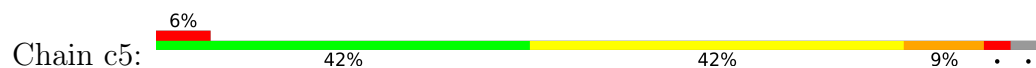
• Molecule 16: 40S ribosomal protein S14-A

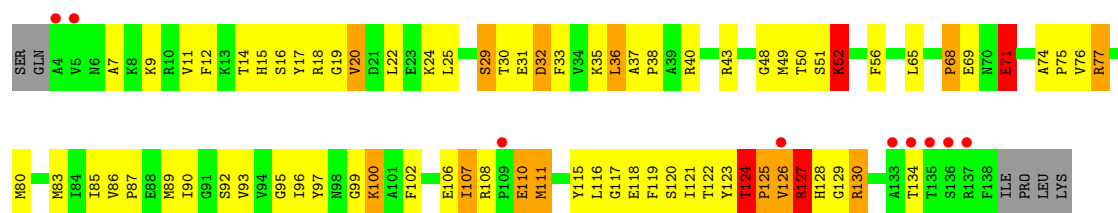


• Molecule 17: 40S ribosomal protein S15

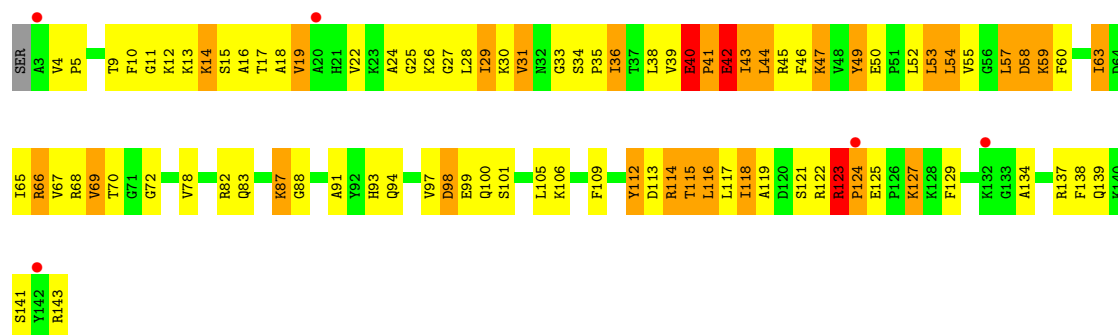


• Molecule 17: 40S ribosomal protein S15

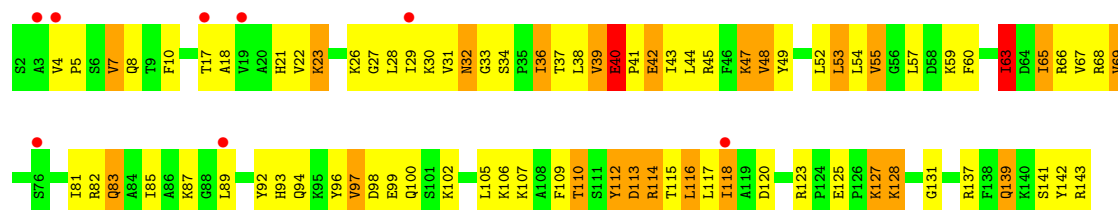




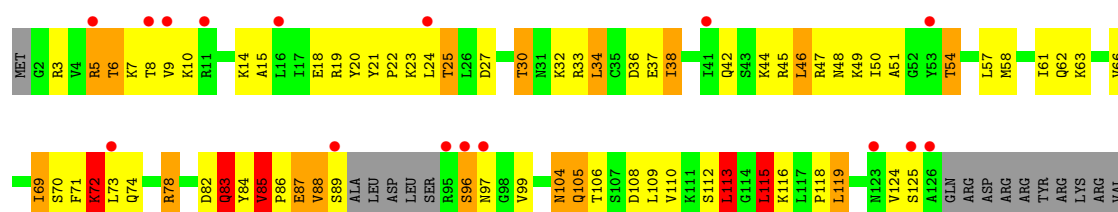
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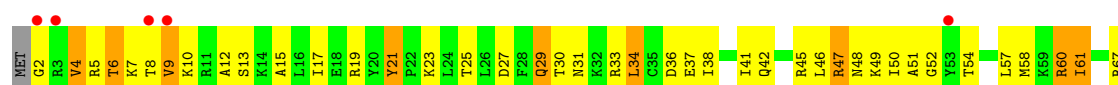
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• Molecule 19: 40S ribosomal protein S17-A

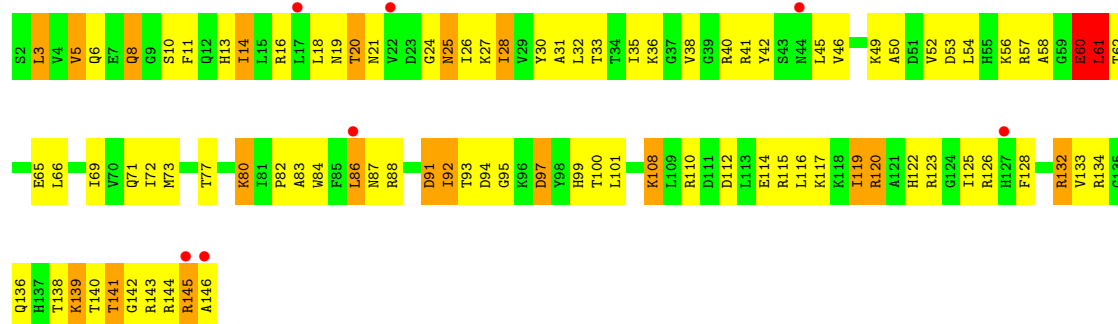


• Molecule 19: 40S ribosomal protein S17-A

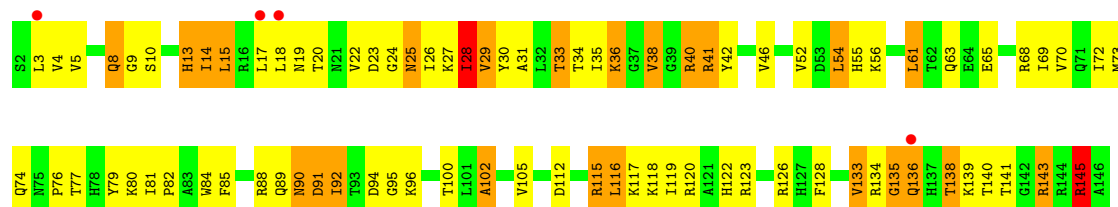




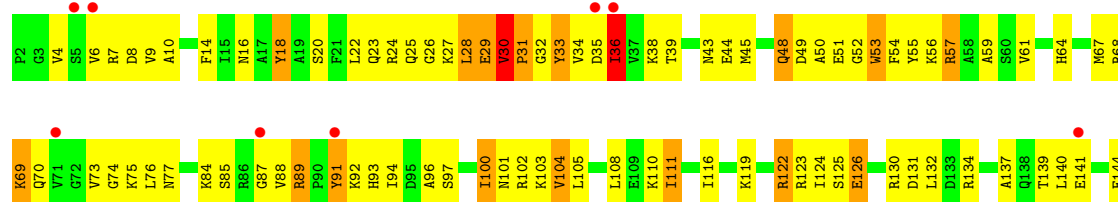
- Molecule 20: 40S ribosomal protein S18-A



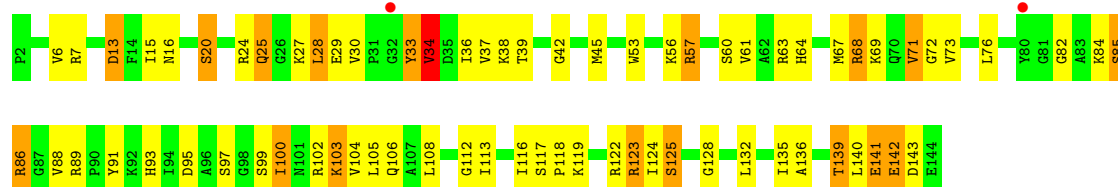
- Molecule 20: 40S ribosomal protein S18-A



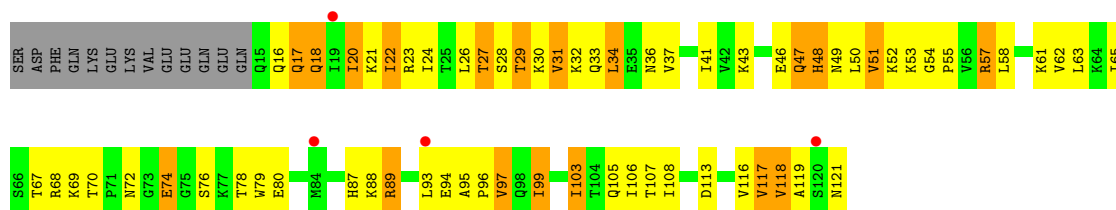
- Molecule 21: 40S ribosomal protein S19-A



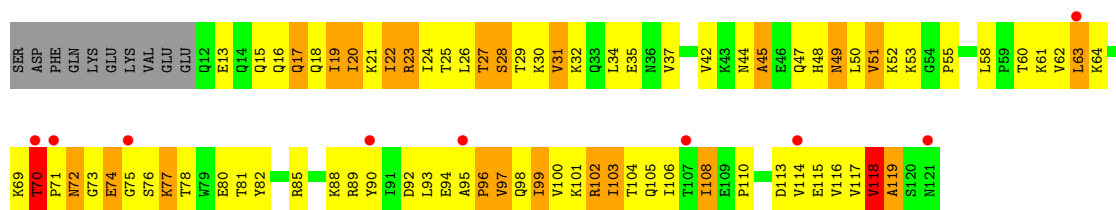
- Molecule 21: 40S ribosomal protein S19-A



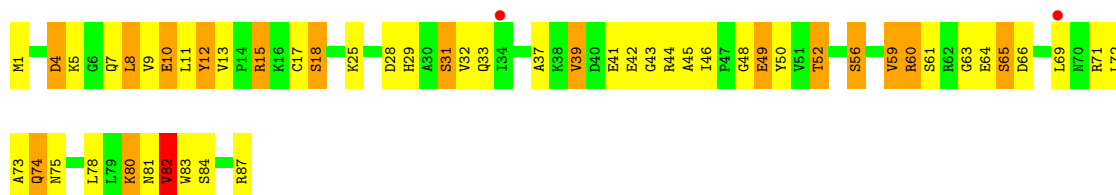
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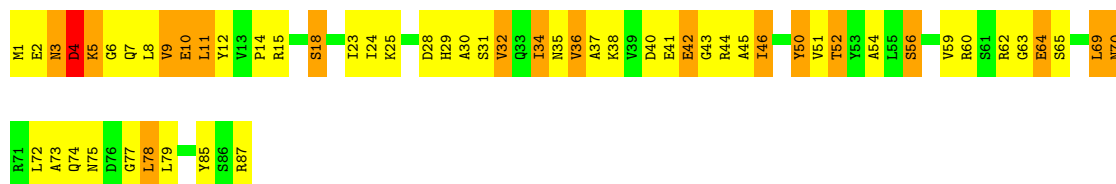
• Molecule 22: 40S ribosomal protein S20



• Molecule 23: 40S ribosomal protein S21-A



• Molecule 23: 40S ribosomal protein S21-A

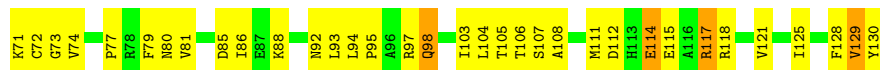
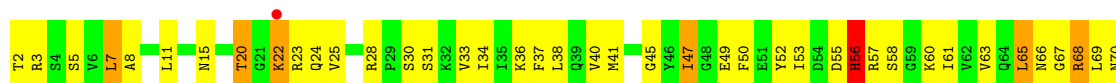


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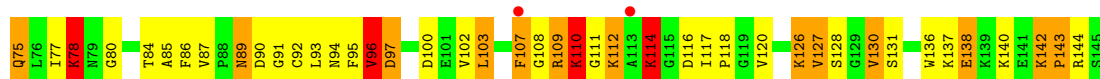
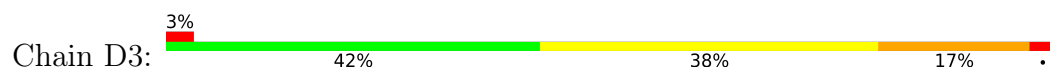




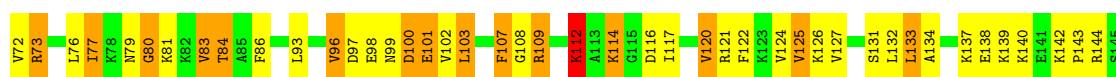
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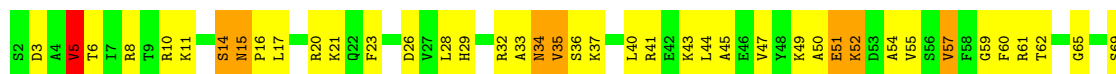
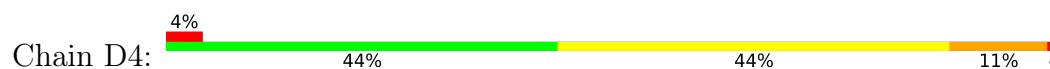
- Molecule 25: 40S ribosomal protein S23-A



- Molecule 25: 40S ribosomal protein S23-A

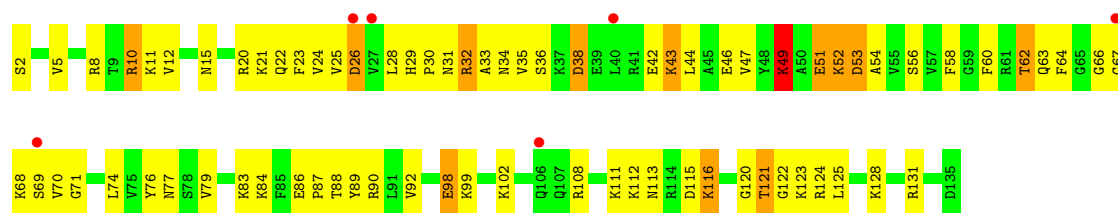


- Molecule 26: 40S ribosomal protein S24-A

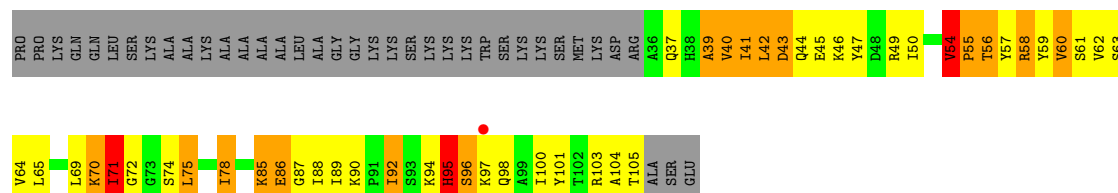


- Molecule 26: 40S ribosomal protein S24-A

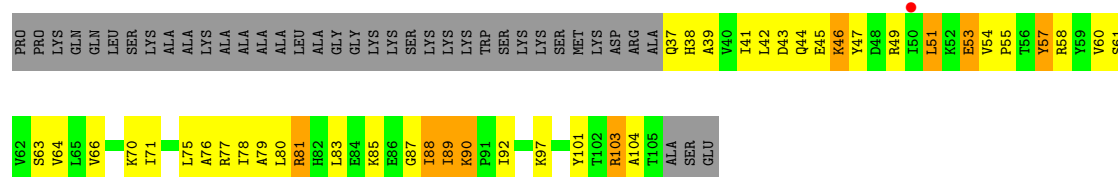
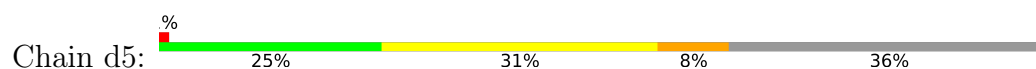




• Molecule 27: 40S ribosomal protein S25-A



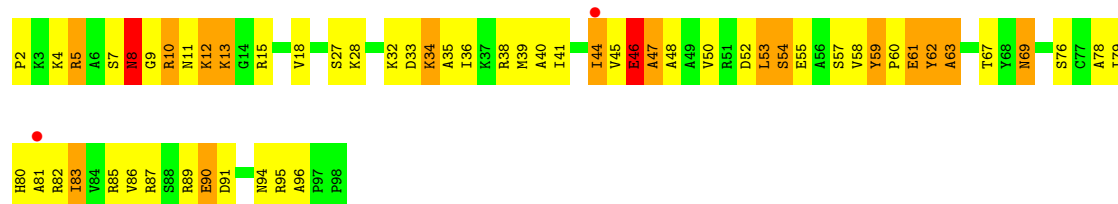
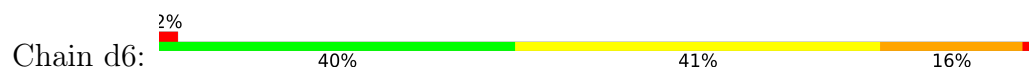
• Molecule 27: 40S ribosomal protein S25-A



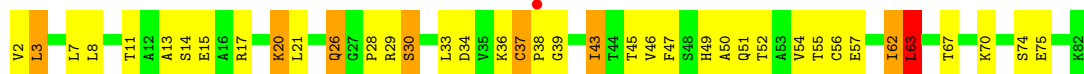
• Molecule 28: 40S ribosomal protein S26-B



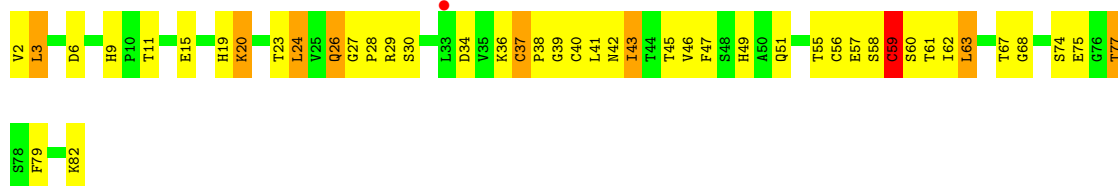
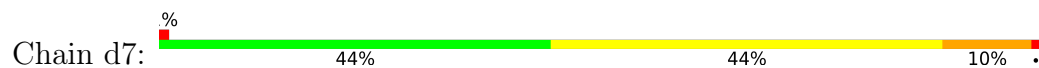
• Molecule 28: 40S ribosomal protein S26-B



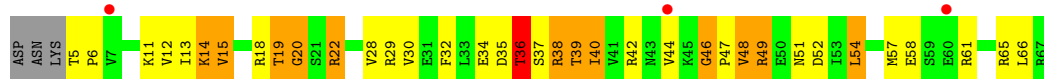
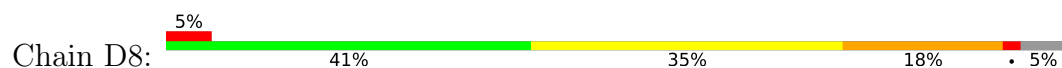
• Molecule 29: 40S ribosomal protein S27-A



- Molecule 29: 40S ribosomal protein S27-A



- Molecule 30: 40S ribosomal protein S28-A



- Molecule 30: 40S ribosomal protein S28-A



- Molecule 31: 40S ribosomal protein S29-A



- Molecule 31: 40S ribosomal protein S29-A

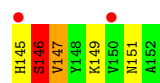


- Molecule 32: 40S ribosomal protein S30-A

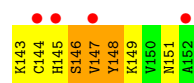
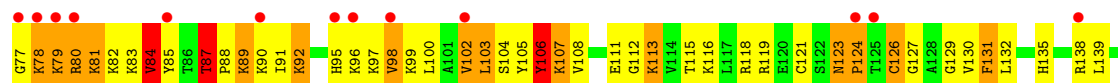




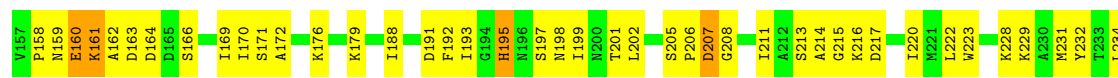
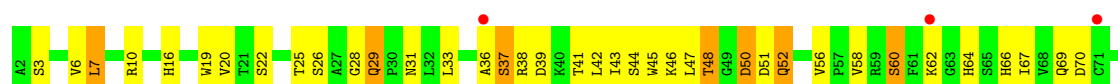
- Molecule 33: Ubiquitin-40S ribosomal protein S31



- Molecule 33: Ubiquitin-40S ribosomal protein S31



- Molecule 34: Guanine nucleotide-binding protein subunit beta-like protein



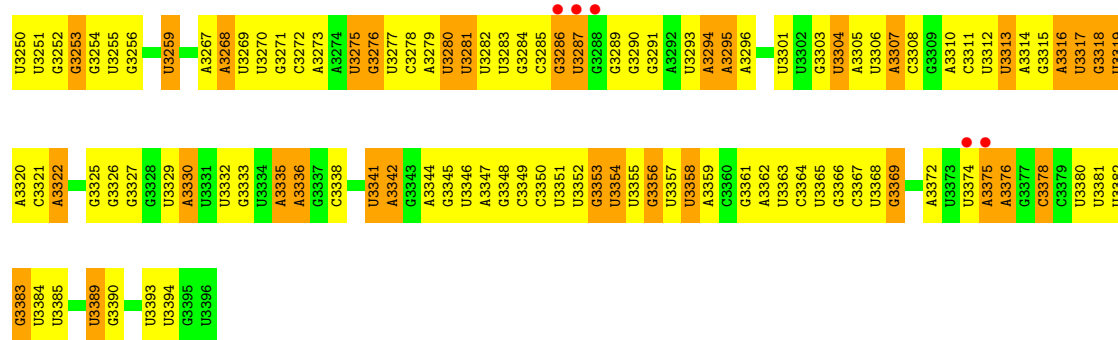
- Molecule 34: Guanine nucleotide-binding protein subunit beta-like protein



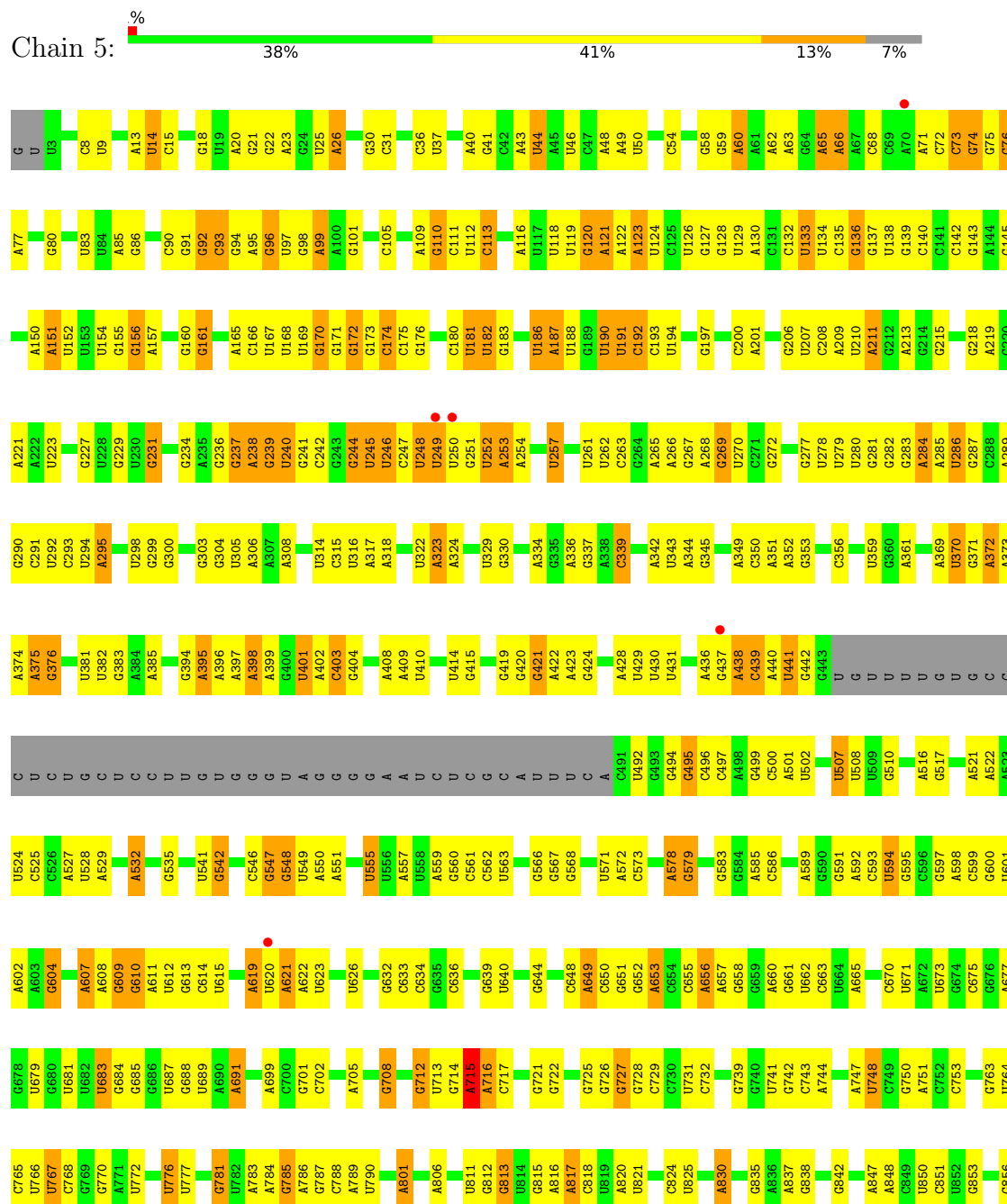






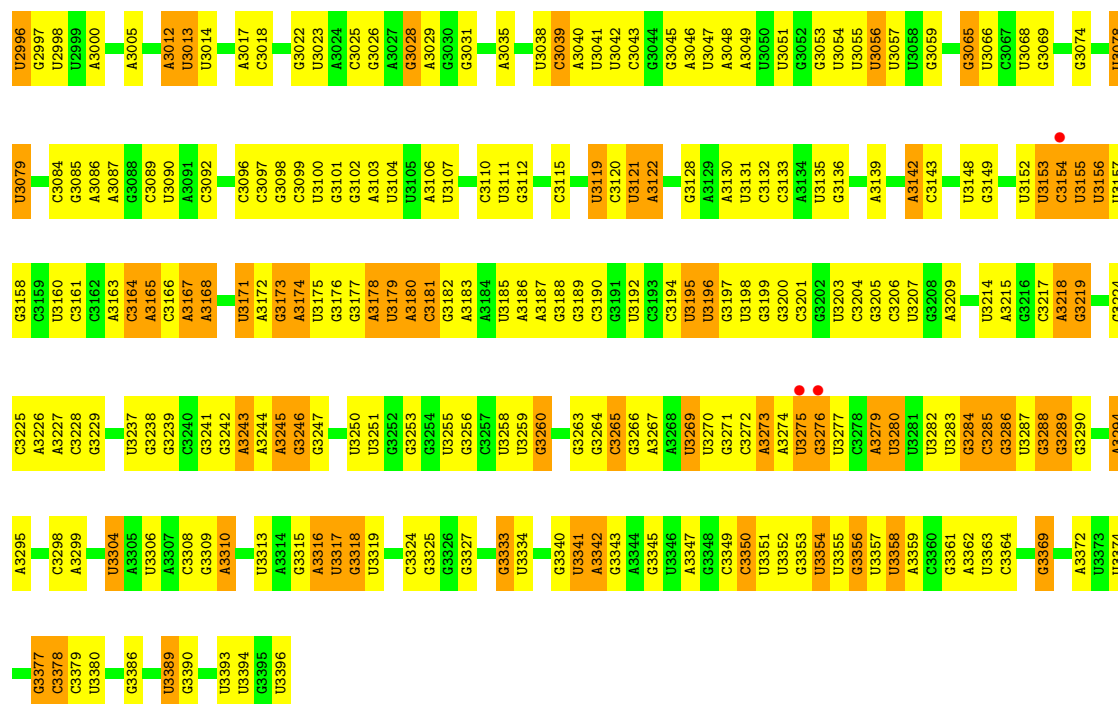


• Molecule 36: 25S ribosomal RNA

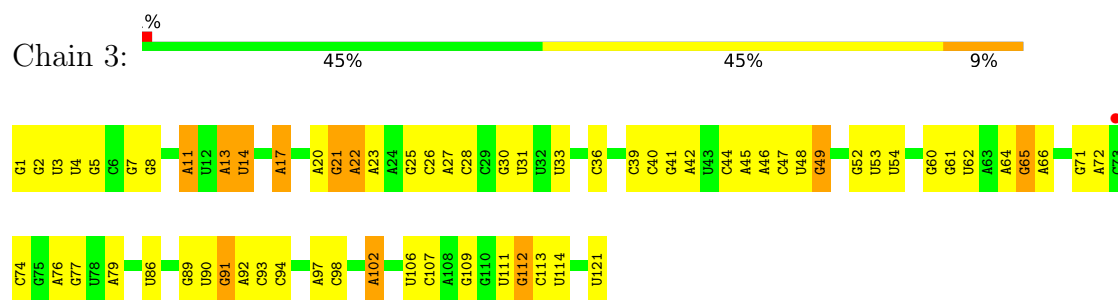


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A1822	C1759	U1686	A1613	U1554	A1464	G1387	C1317	C1239	U1088	U1013	U942	U862
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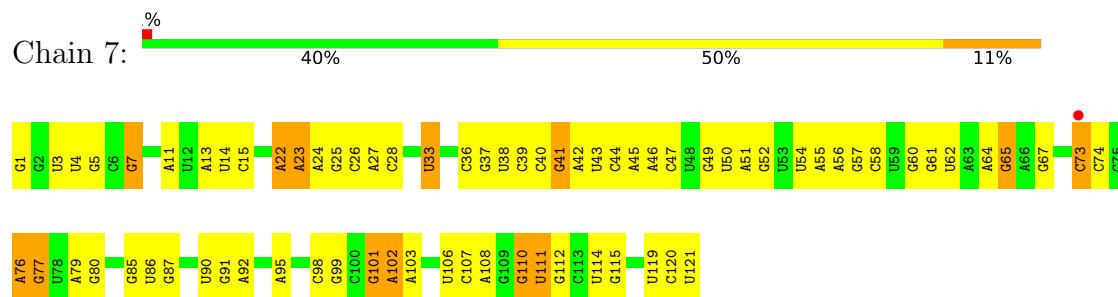




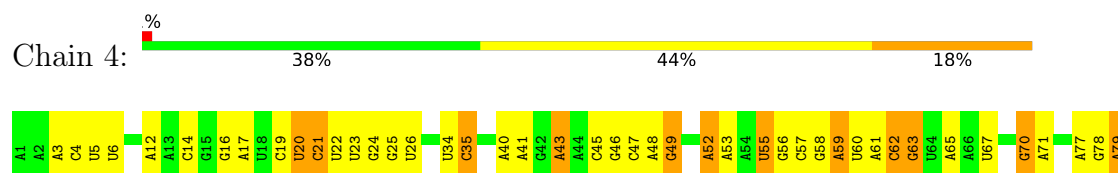
• Molecule 37: 5S ribosomal RNA

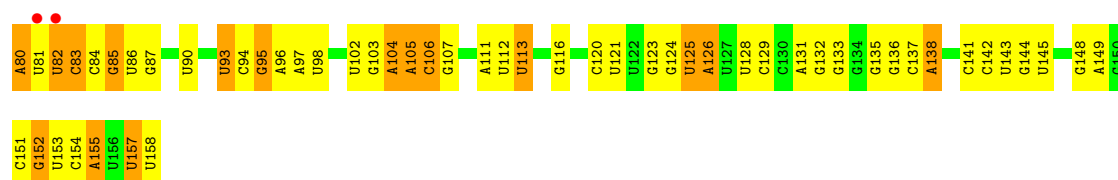


• Molecule 37: 5S ribosomal RNA

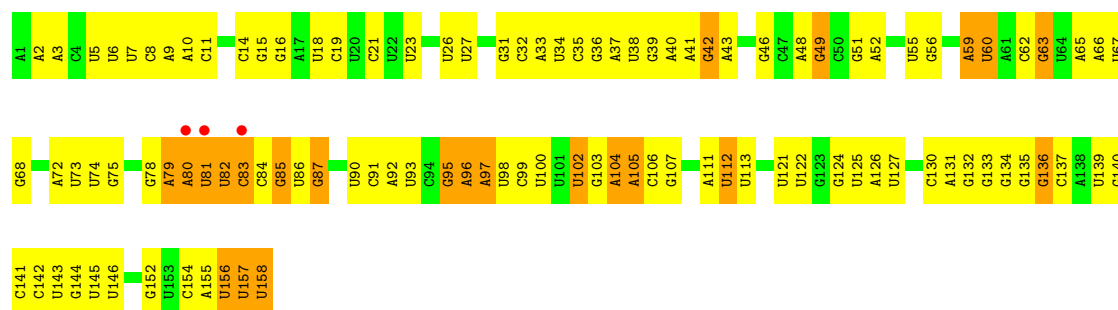


• Molecule 38: 5.8S ribosomal RNA

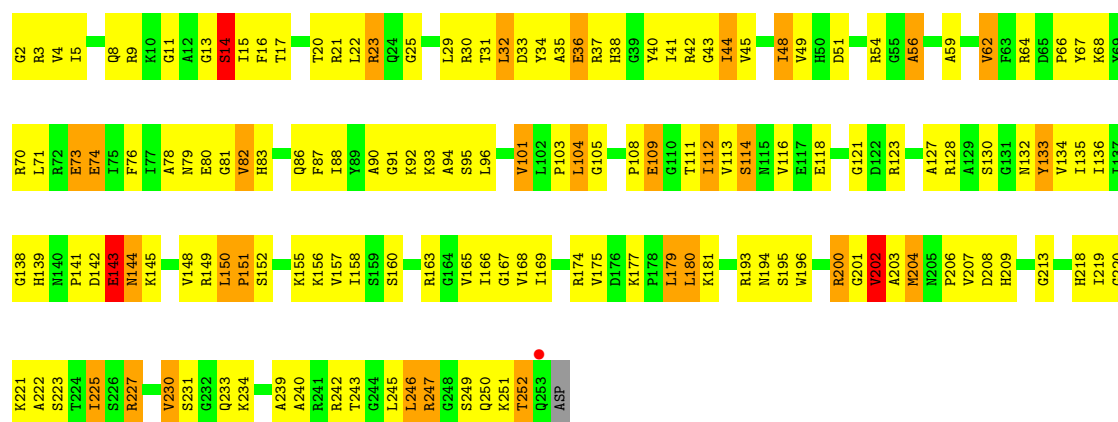




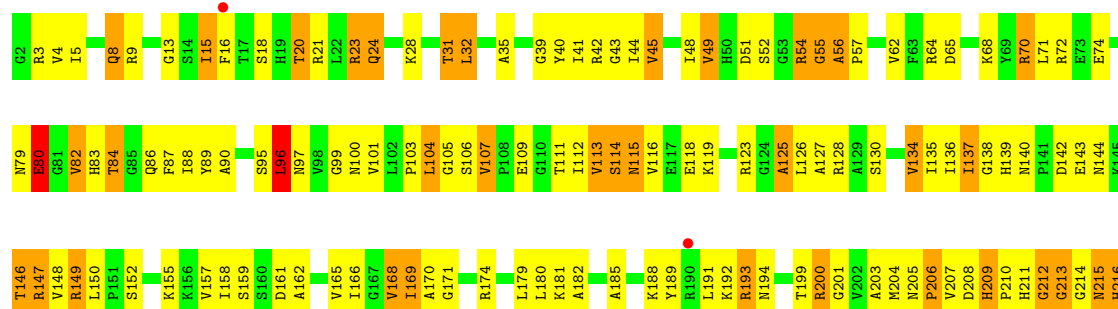
• Molecule 38: 5.8S ribosomal RNA

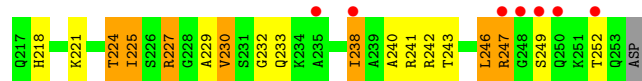


• Molecule 39: 60S ribosomal protein L2-A



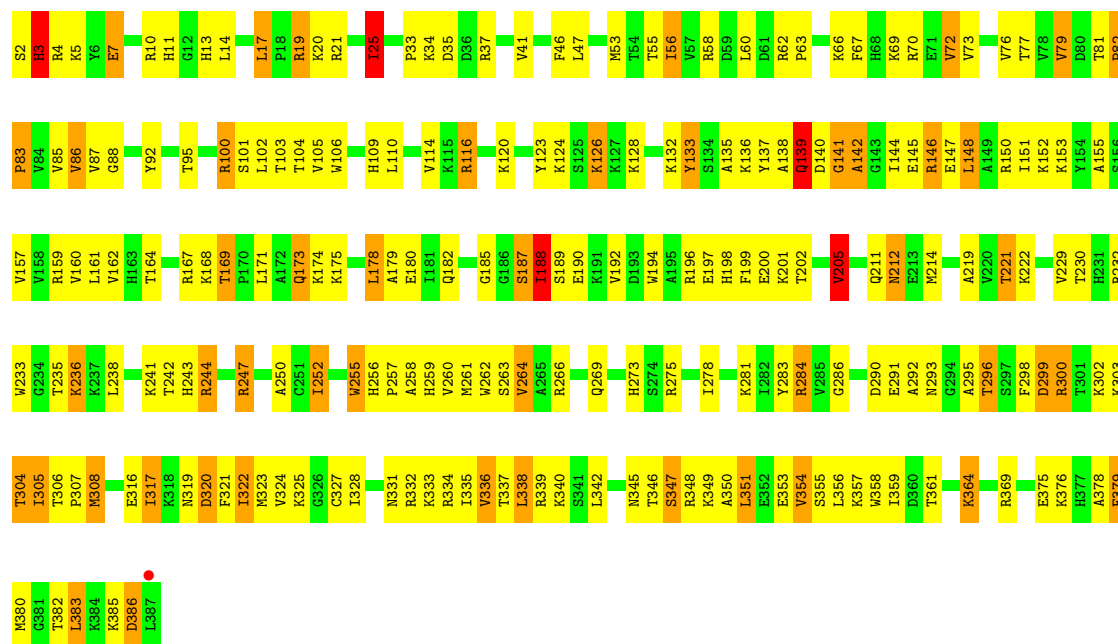
• Molecule 39: 60S ribosomal protein L2-A





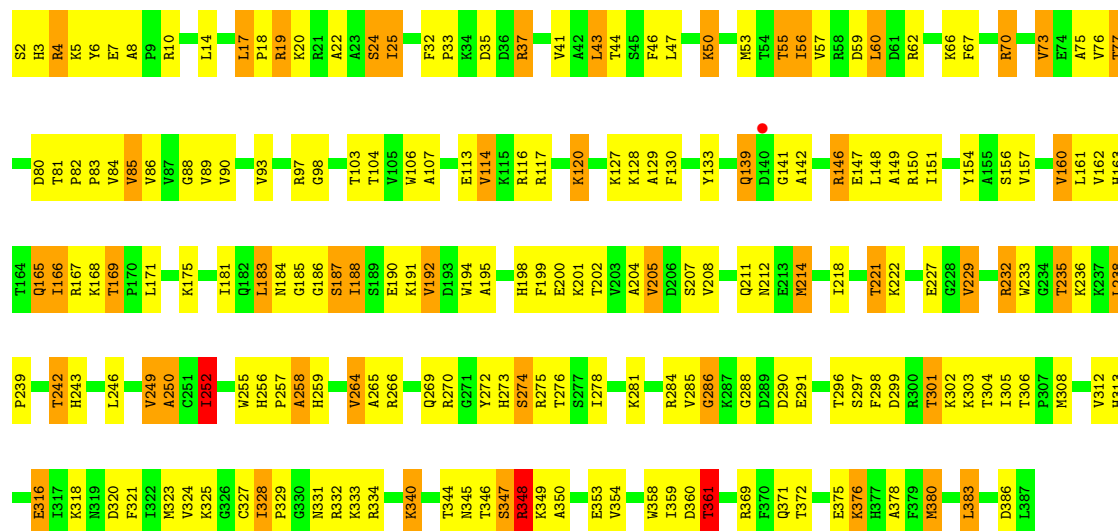
- Molecule 40: 60S ribosomal protein L3

Chain L3: 44% 42% 12%



- Molecule 40: 60S ribosomal protein L3

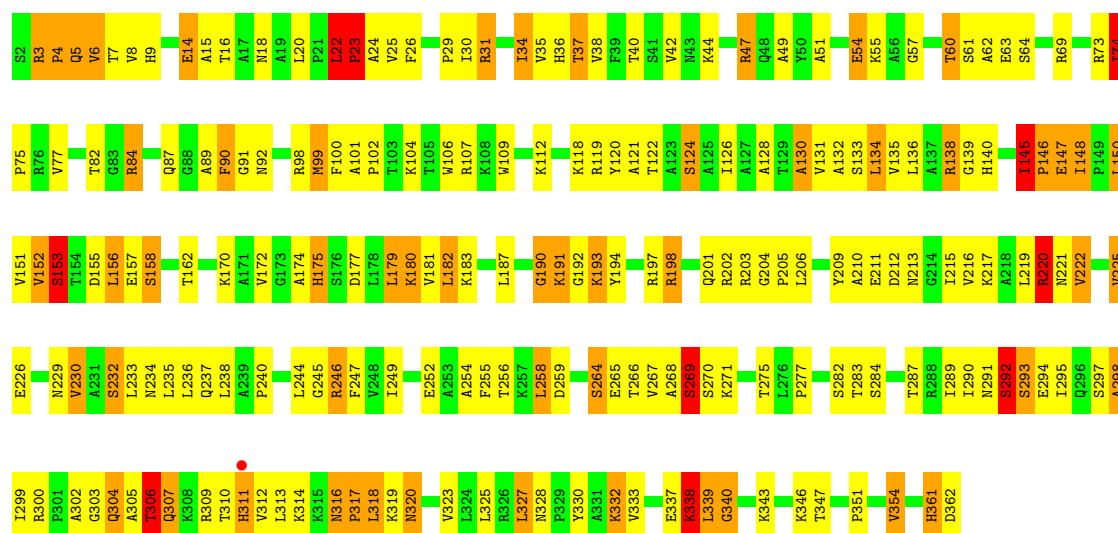
Chain L3: 47% 39% 13%



- Molecule 41: 60S ribosomal protein L4-A

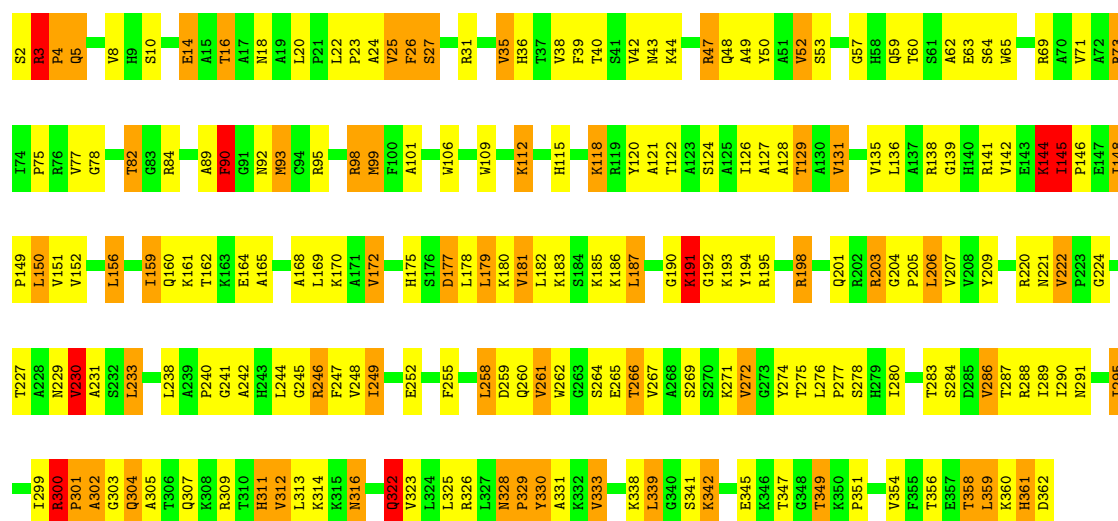
Chain L4: 42% 40% 15%





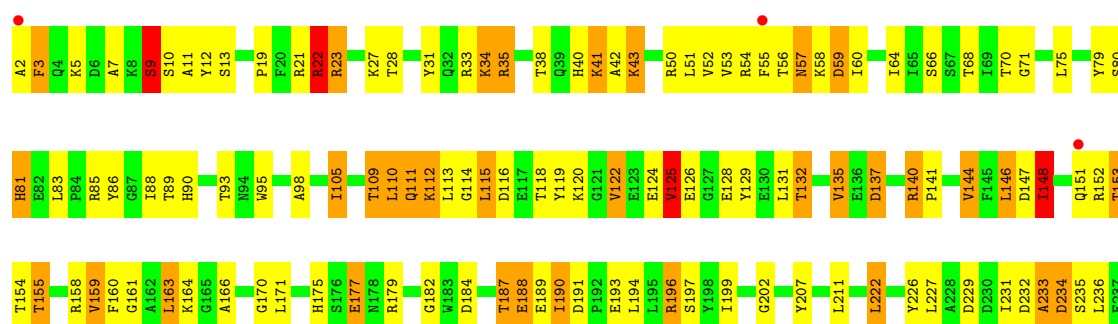
• Molecule 41: 60S ribosomal protein L4-A

Chain 14: 43% 39% 16%



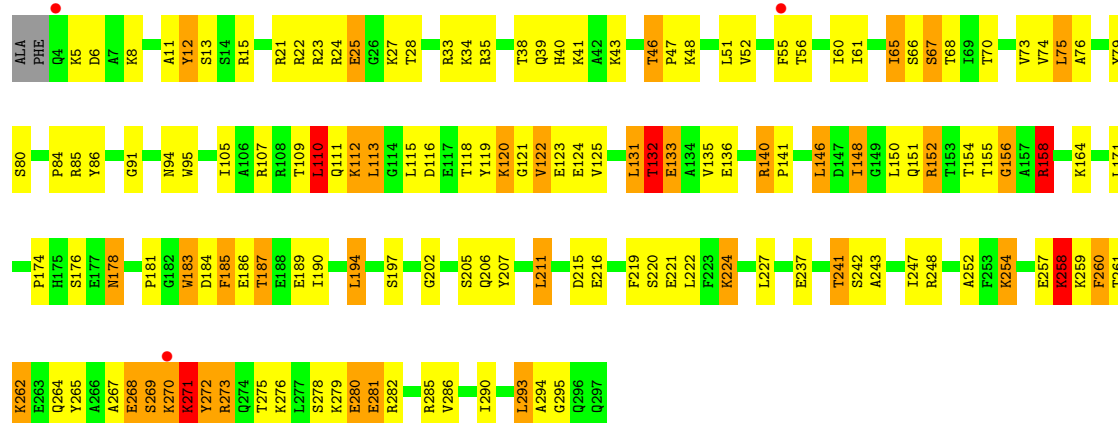
• Molecule 42: 60S ribosomal protein L5

Chain L5: 49% 36% 12%

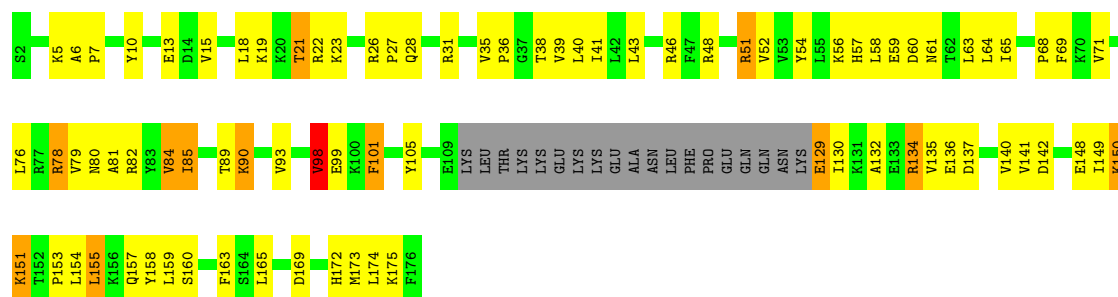




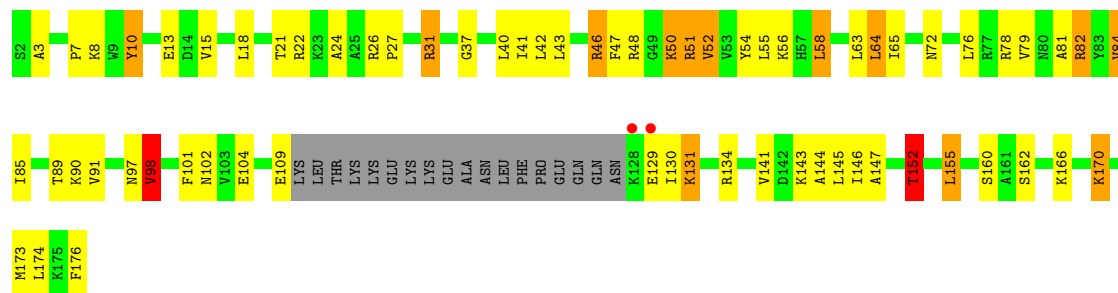
• Molecule 42: 60S ribosomal protein L5



• Molecule 43: 60S ribosomal protein L6-A

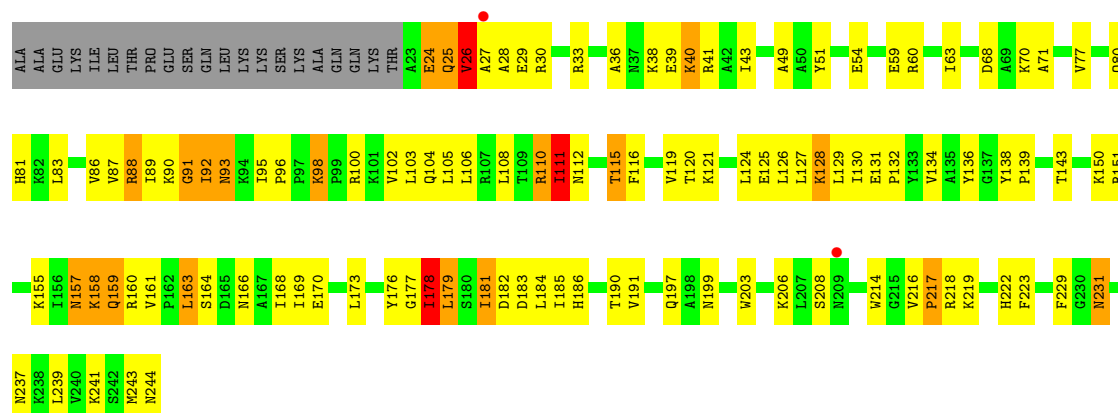


• Molecule 43: 60S ribosomal protein L6-A



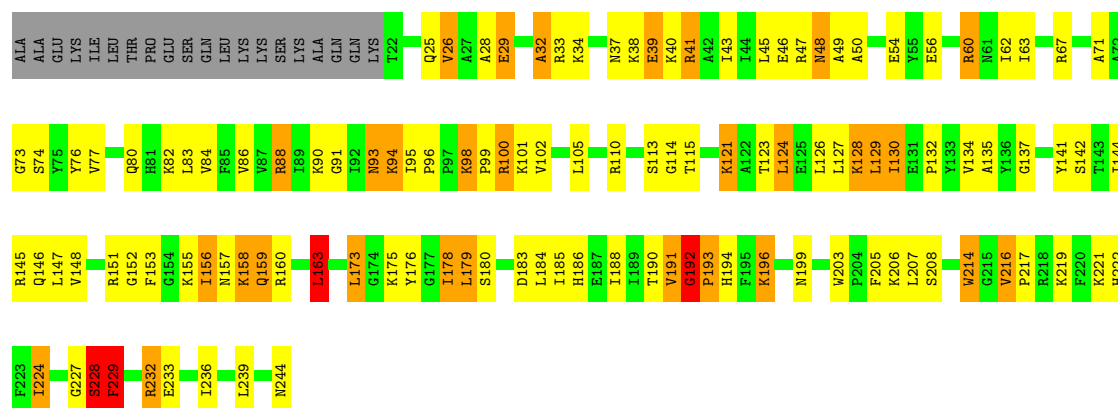
• Molecule 44: 60S ribosomal protein L7-A





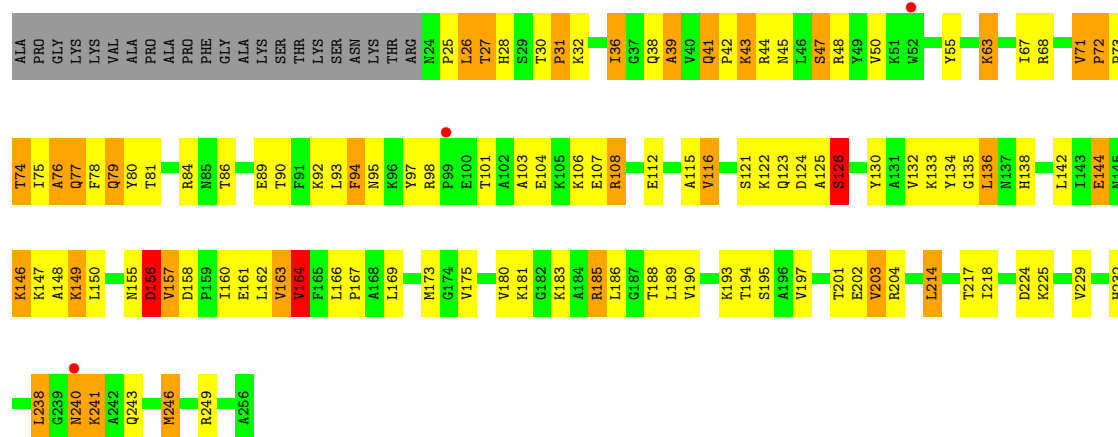
• Molecule 44: 60S ribosomal protein L7-A

Chain 17: 43% 35% 12% 8%



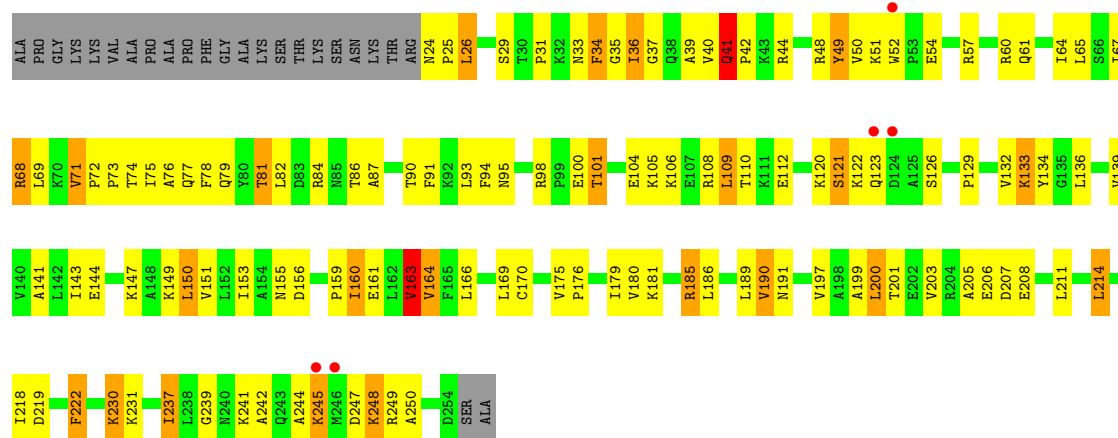
• Molecule 45: 60S ribosomal protein L8-A

Chain L8: 46% 32% 12% 9%

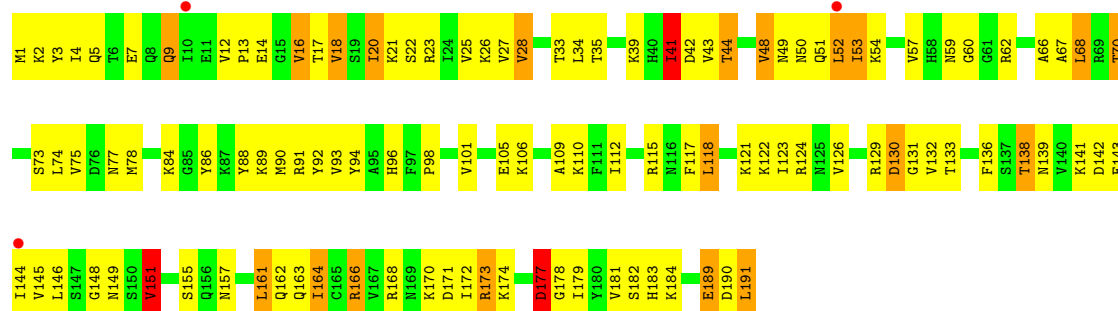


• Molecule 45: 60S ribosomal protein L8-A

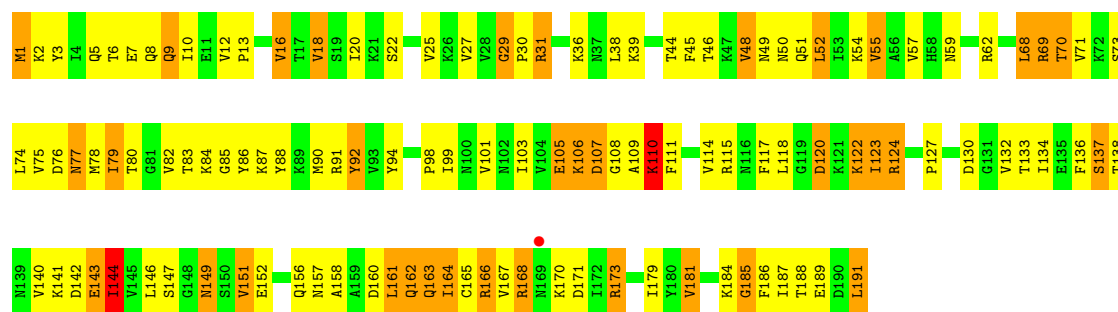
Chain 18: 42% 38% 9% 9%



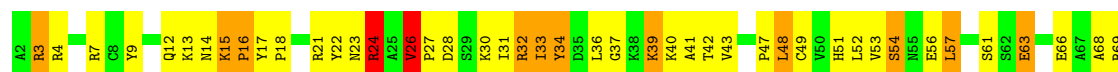
• Molecule 46: 60S ribosomal protein L9-A

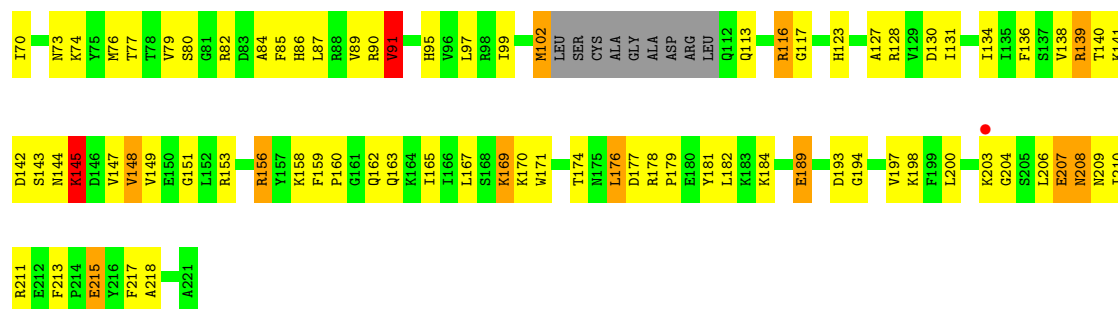


• Molecule 46: 60S ribosomal protein L9-A

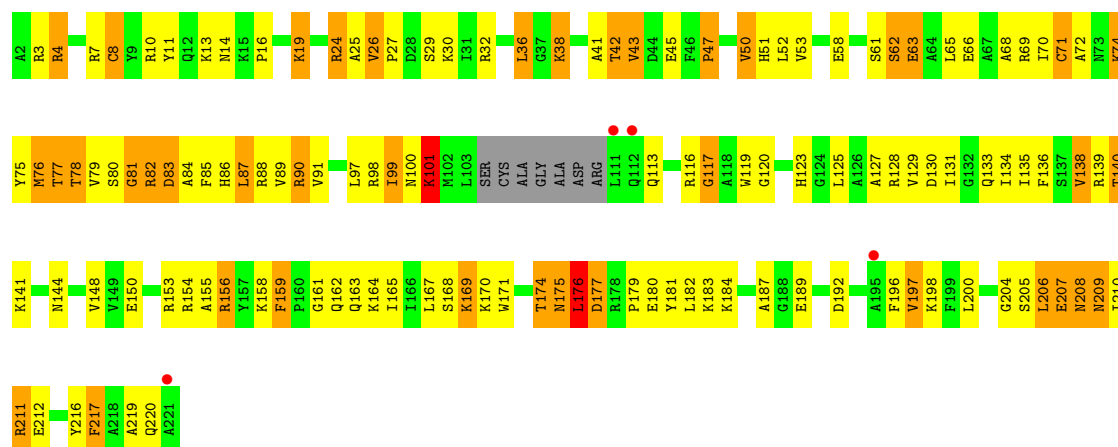


• Molecule 47: 60S ribosomal protein L10

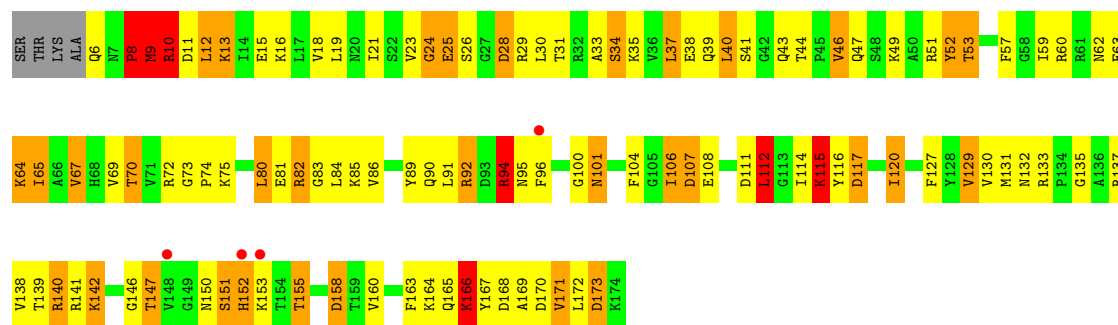




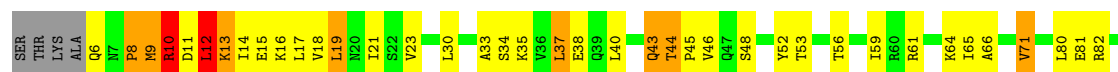
• Molecule 47: 60S ribosomal protein L10

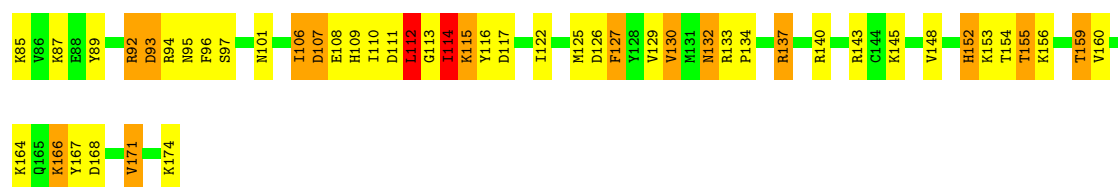


• Molecule 48: 60S ribosomal protein L11-B

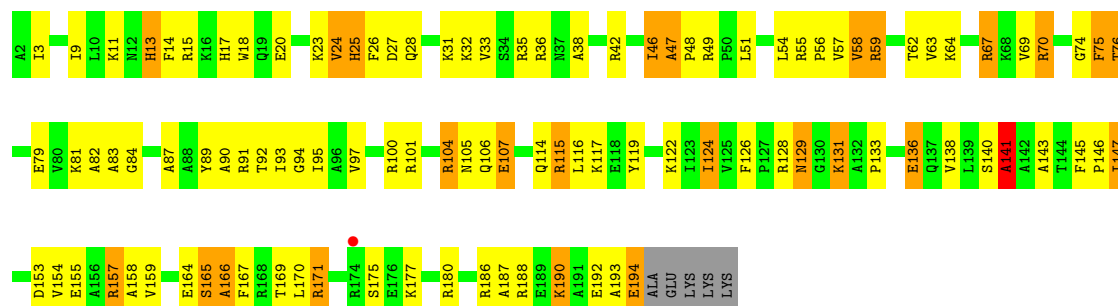


• Molecule 48: 60S ribosomal protein L11-B

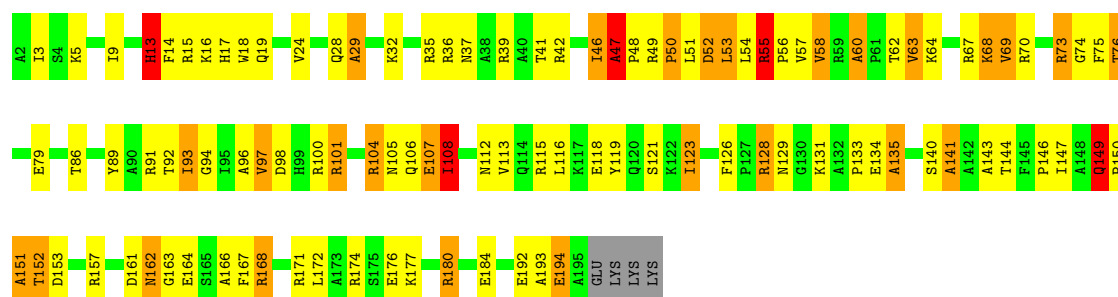




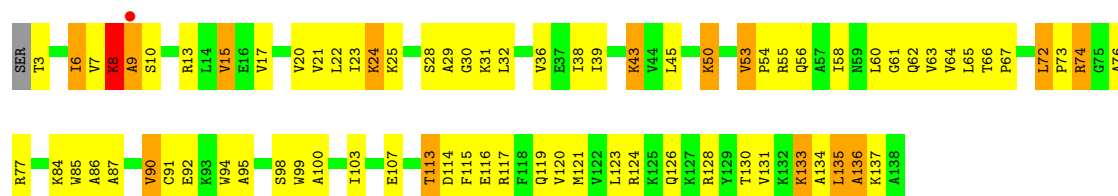
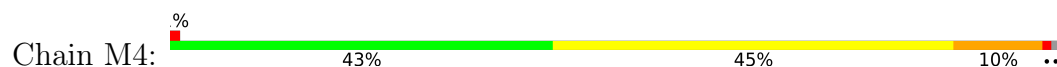
• Molecule 49: 60S ribosomal protein L13-A



• Molecule 49: 60S ribosomal protein L13-A

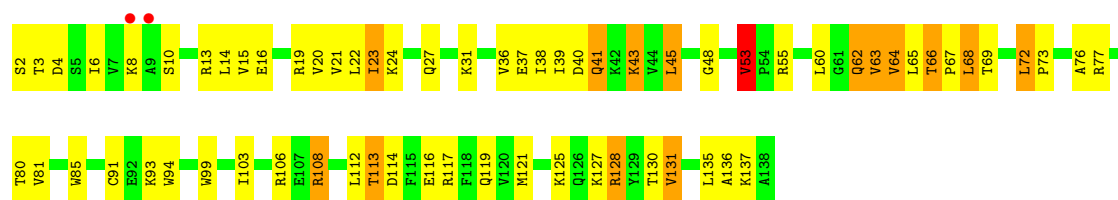


• Molecule 50: 60S ribosomal protein L14-A



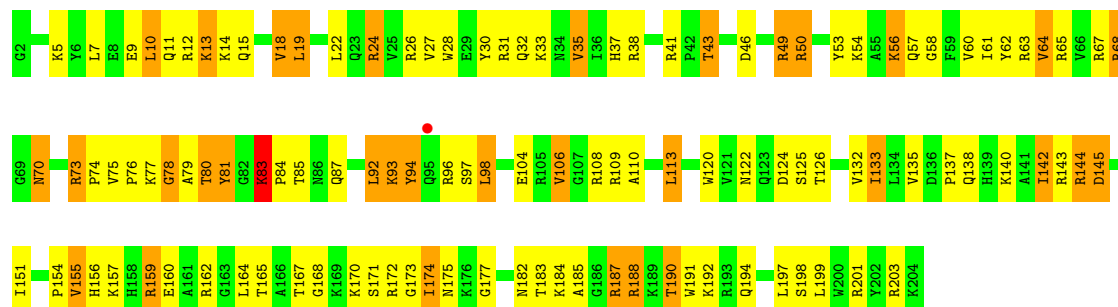
• Molecule 50: 60S ribosomal protein L14-A





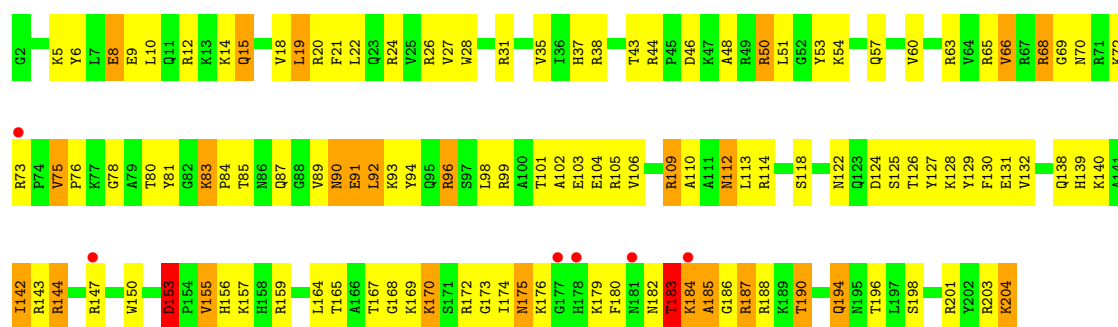
• Molecule 51: 60S ribosomal protein L15-A

Chain M5: 43% 40% 16%



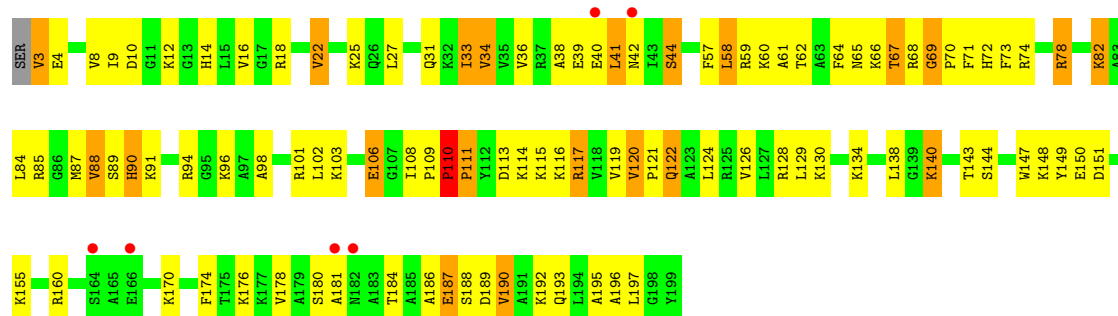
• Molecule 51: 60S ribosomal protein L15-A

Chain m5: 3% 41% 45% 12%

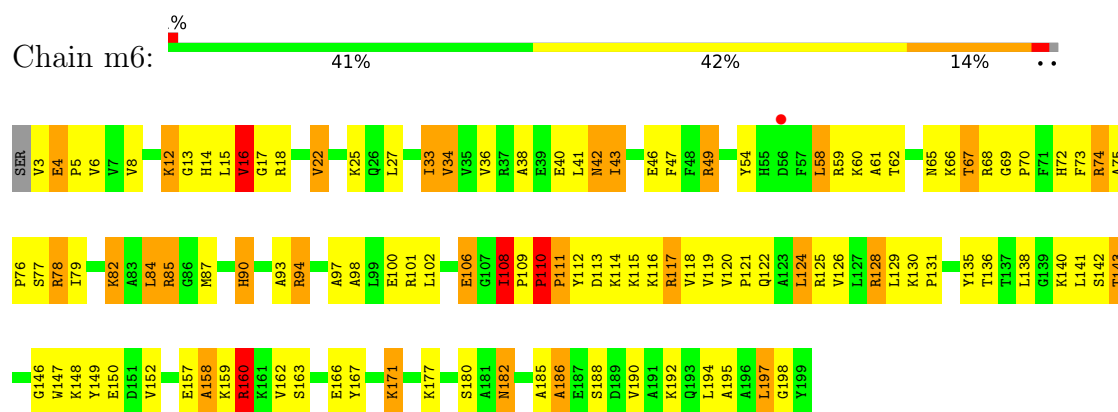


• Molecule 52: 60S ribosomal protein L16-A

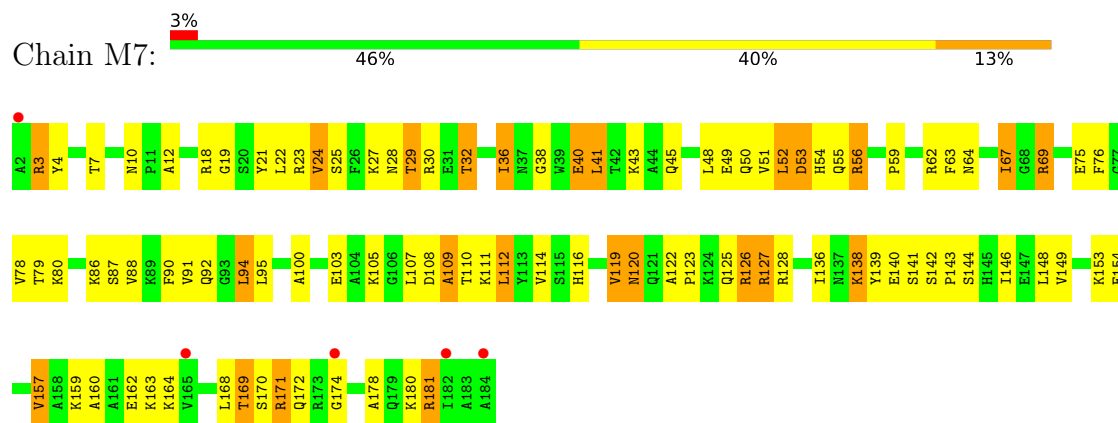
Chain M6: 3% 48% 40% 11%



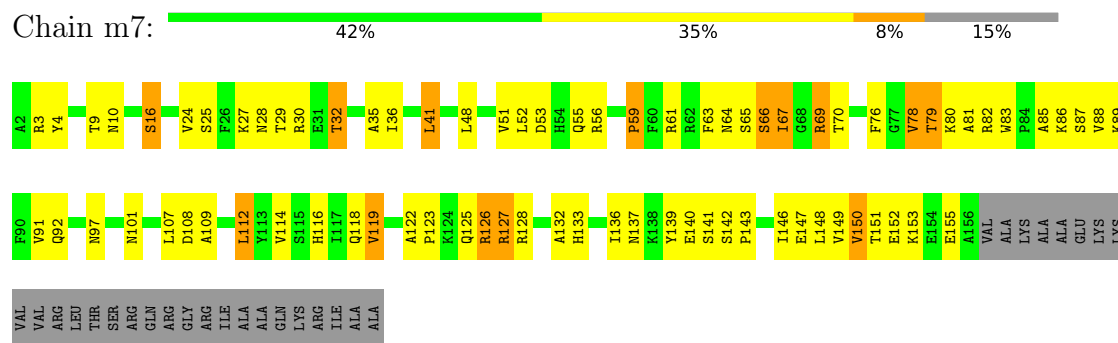
• Molecule 52: 60S ribosomal protein L16-A



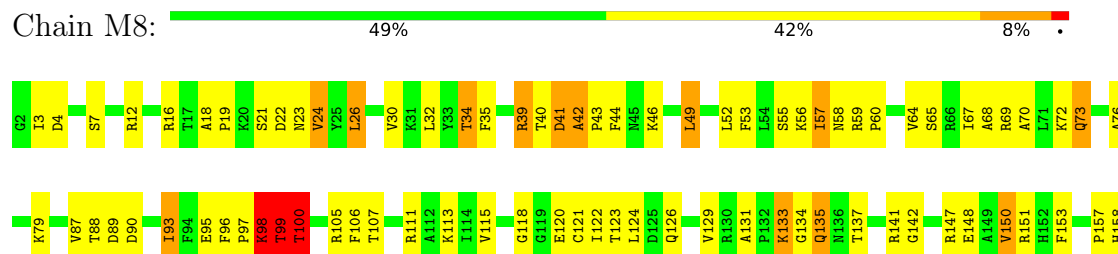
- Molecule 53: 60S ribosomal protein L17-A



- Molecule 53: 60S ribosomal protein L17-A



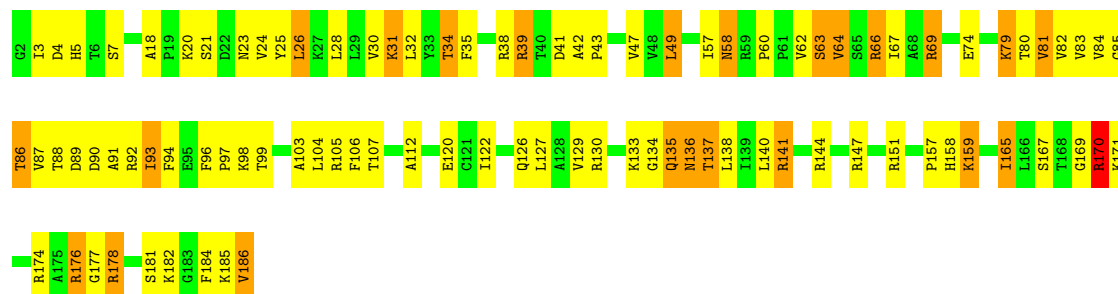
- Molecule 54: 60S ribosomal protein L18-A





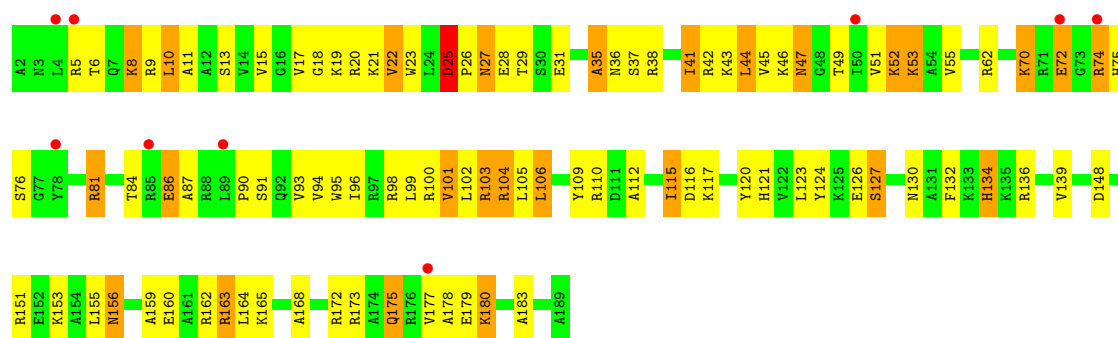
• Molecule 54: 60S ribosomal protein L18-A

Chain m8: 49% 38% 12% .



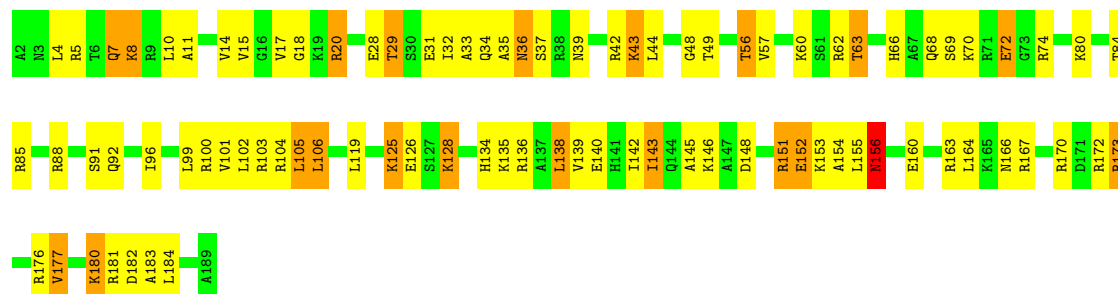
• Molecule 55: 60S ribosomal protein L19-A

Chain M9: 5% 47% 38% 14% .



• Molecule 55: 60S ribosomal protein L19-A

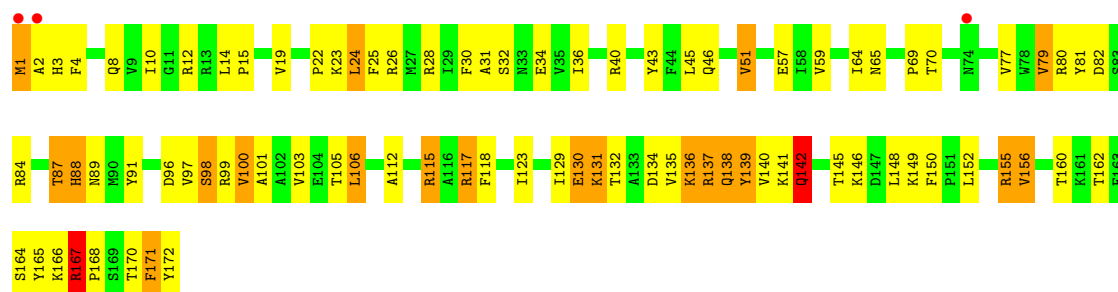
Chain m9: 53% 36% 11% .



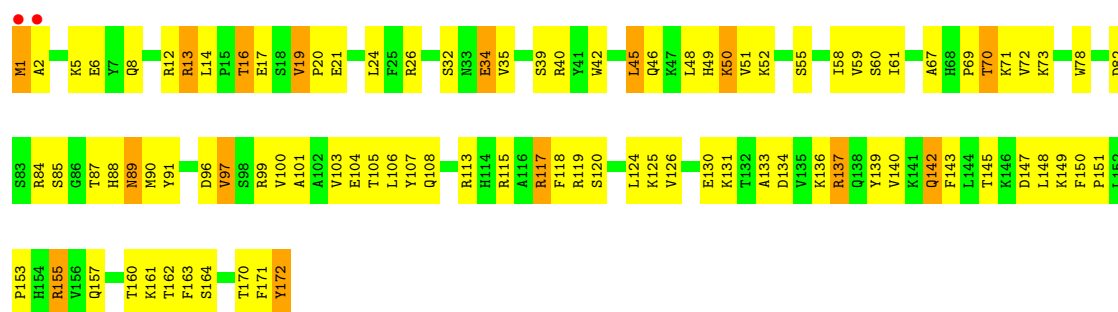
• Molecule 56: 60S ribosomal protein L20-A

Chain N0: 2% 49% 38% 12% .

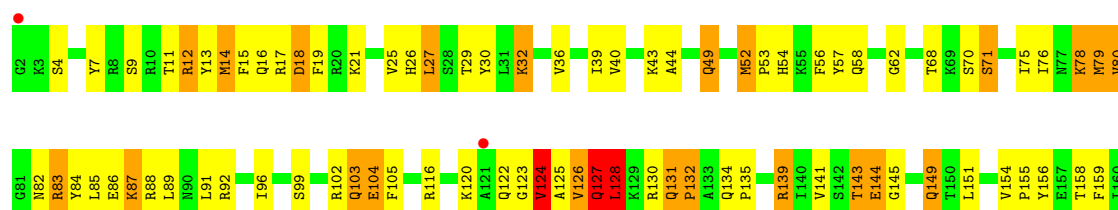




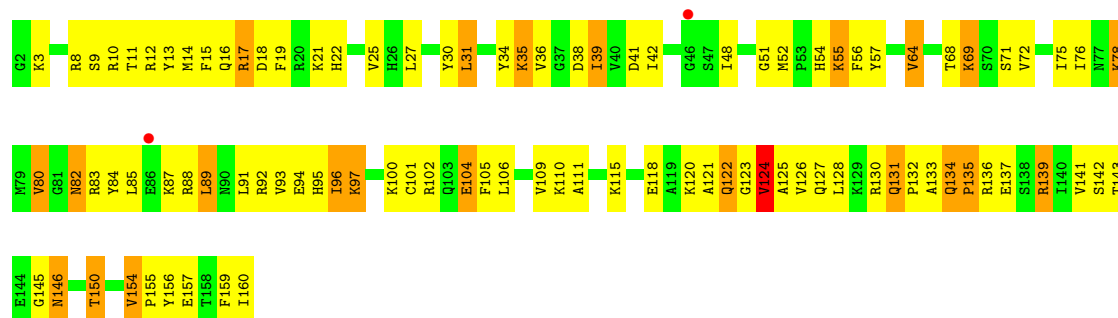
- Molecule 56: 60S ribosomal protein L20-A



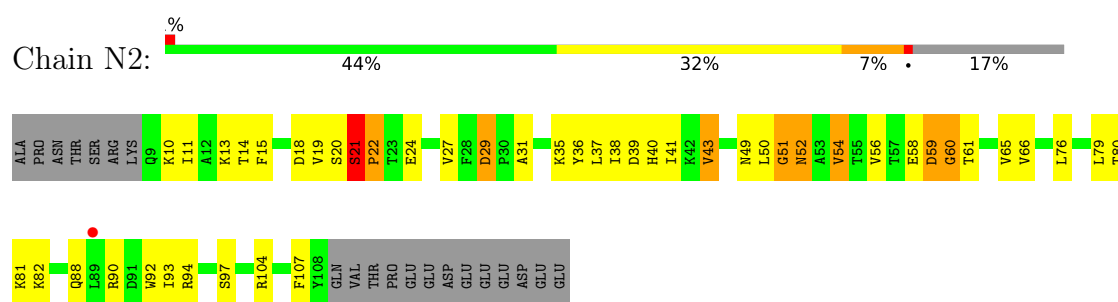
- Molecule 57: 60S ribosomal protein L21-A



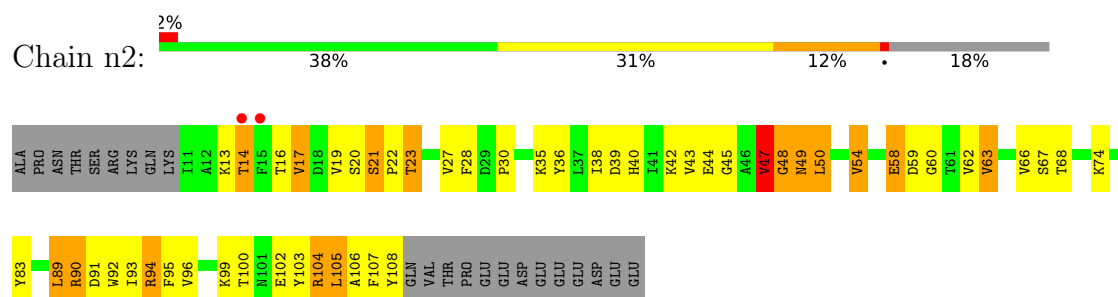
- Molecule 57: 60S ribosomal protein L21-A



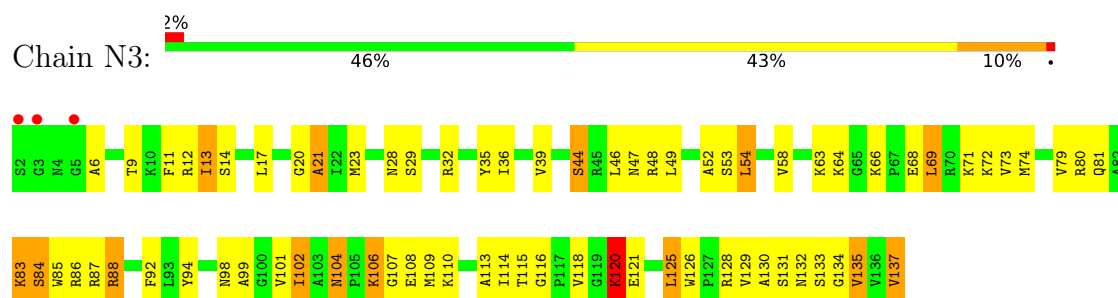
- Molecule 58: 60S ribosomal protein L22-A



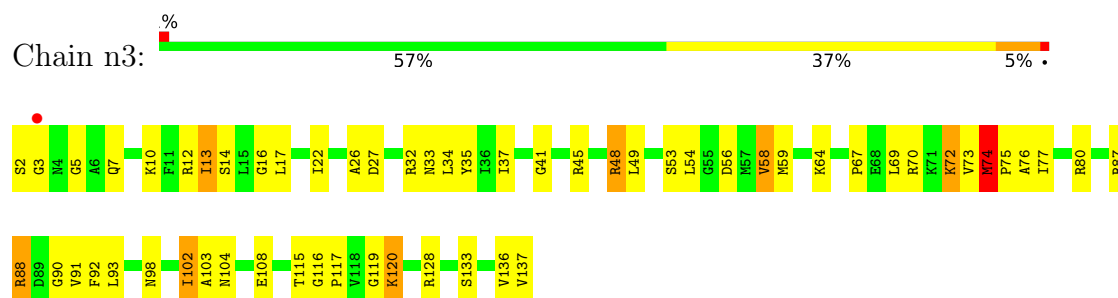
• Molecule 58: 60S ribosomal protein L22-A



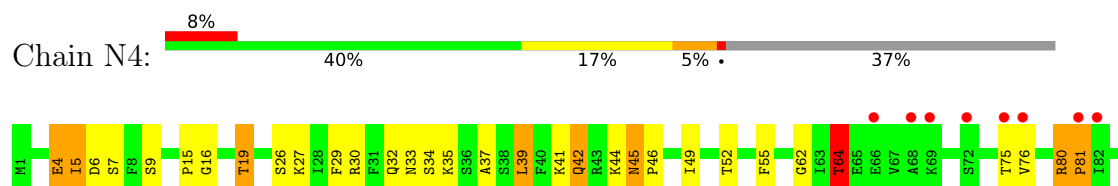
• Molecule 59: 60S ribosomal protein L23-A

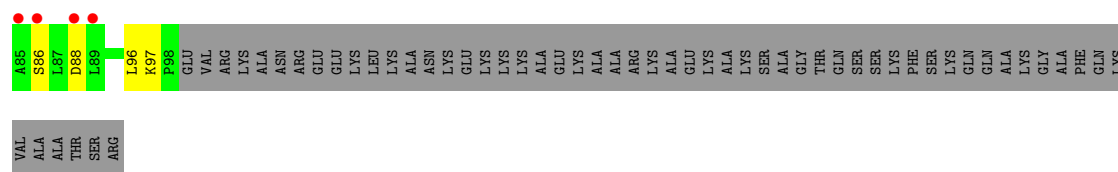


• Molecule 59: 60S ribosomal protein L23-A

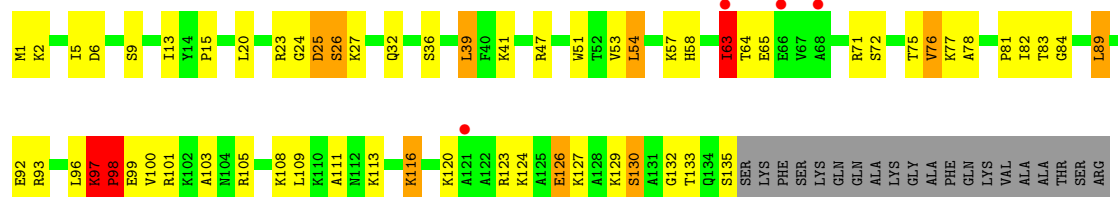


• Molecule 60: 60S ribosomal protein L24-A

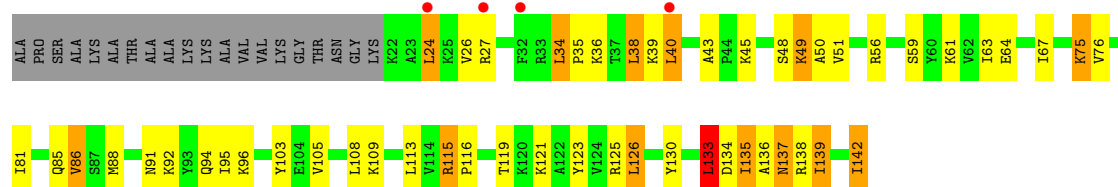




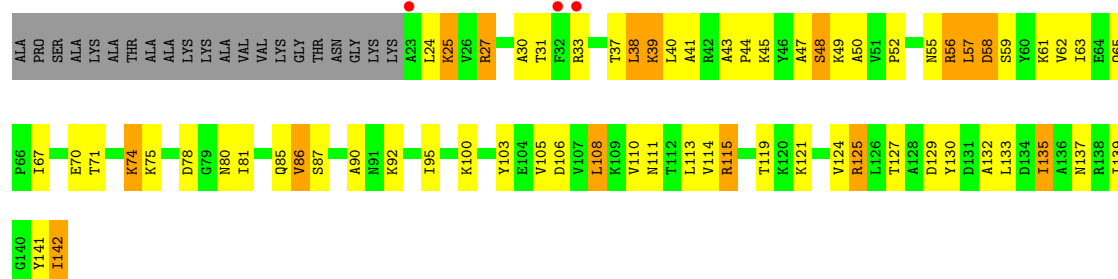
• Molecule 60: 60S ribosomal protein L24-A



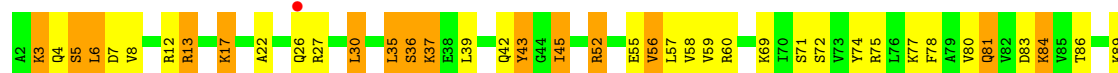
• Molecule 61: 60S ribosomal protein L25



• Molecule 61: 60S ribosomal protein L25

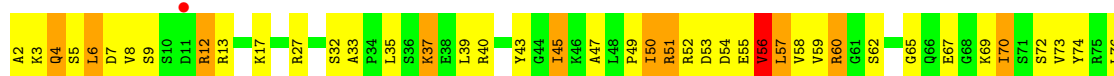


• Molecule 62: 60S ribosomal protein L26-A





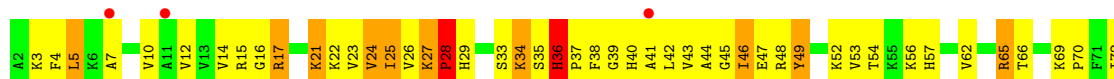
- Molecule 62: 60S ribosomal protein L26-A



- Molecule 63: 60S ribosomal protein L27-A



- Molecule 63: 60S ribosomal protein L27-A

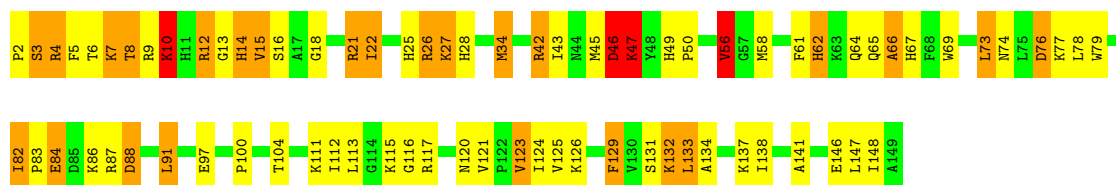


- Molecule 64: 60S ribosomal protein L28

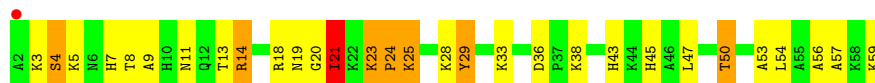


- Molecule 64: 60S ribosomal protein L28





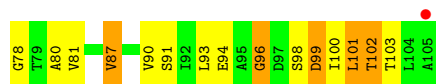
• Molecule 65: 60S ribosomal protein L29



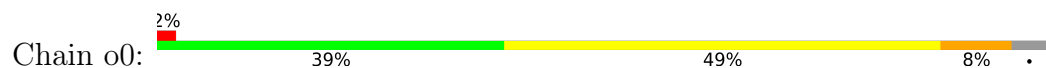
• Molecule 65: 60S ribosomal protein L29



• Molecule 66: 60S ribosomal protein L30



• Molecule 66: 60S ribosomal protein L30



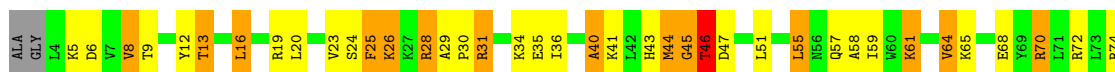
• Molecule 67: 60S ribosomal protein L31-A





- Molecule 67: 60S ribosomal protein L31-A

Chain o1: 39% 36% 21% . .



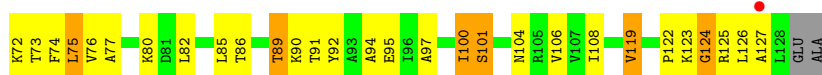
- Molecule 68: 60S ribosomal protein L32

Chain O2: 47% 40% 12% .



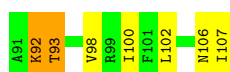
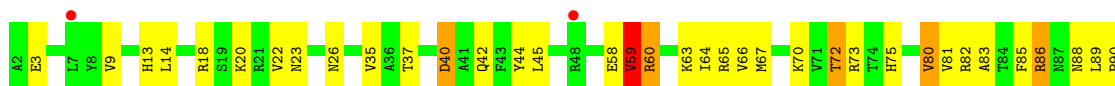
- Molecule 68: 60S ribosomal protein L32

Chain o2: 2% 40% 45% 12% . .



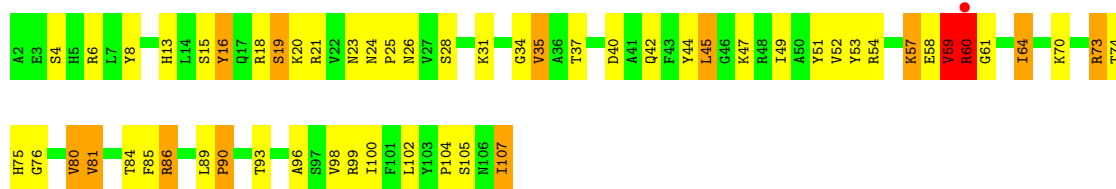
- Molecule 69: 60S ribosomal protein L33-A

Chain O3: 2% 59% 33% 7% .

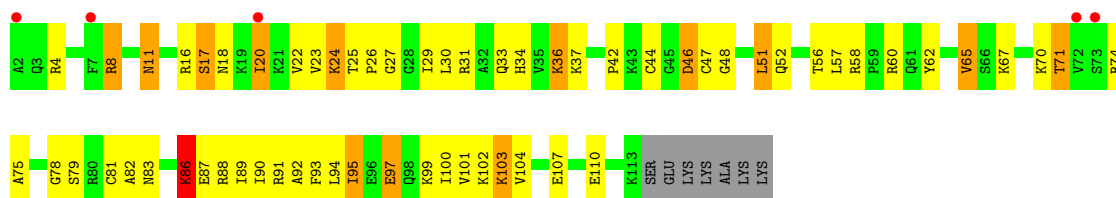
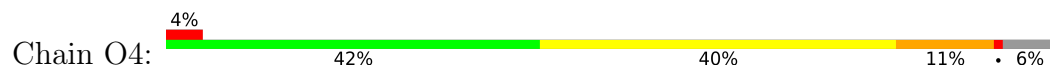


- Molecule 69: 60S ribosomal protein L33-A

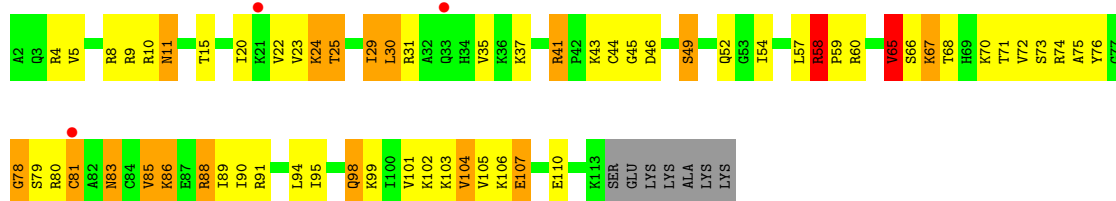
Chain o3: % 47% 40% 11% .



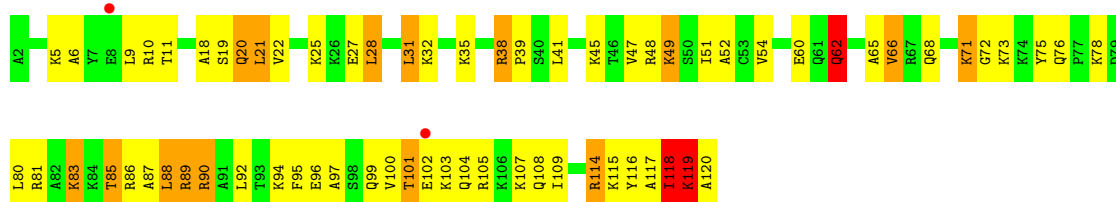
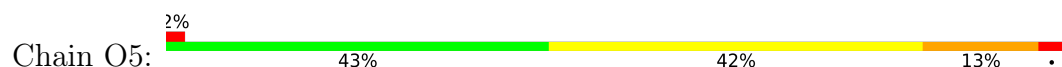
• Molecule 70: 60S ribosomal protein L34-A



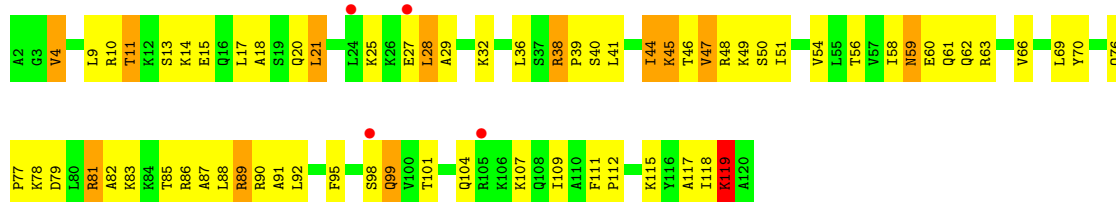
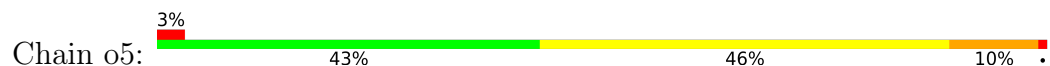
• Molecule 70: 60S ribosomal protein L34-A



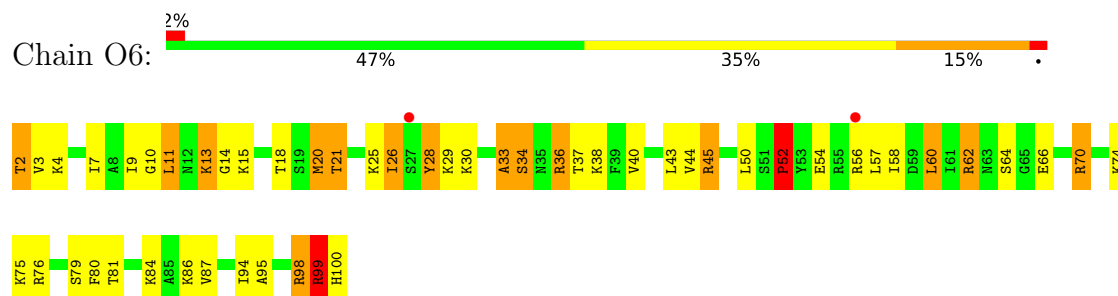
• Molecule 71: 60S ribosomal protein L35-A



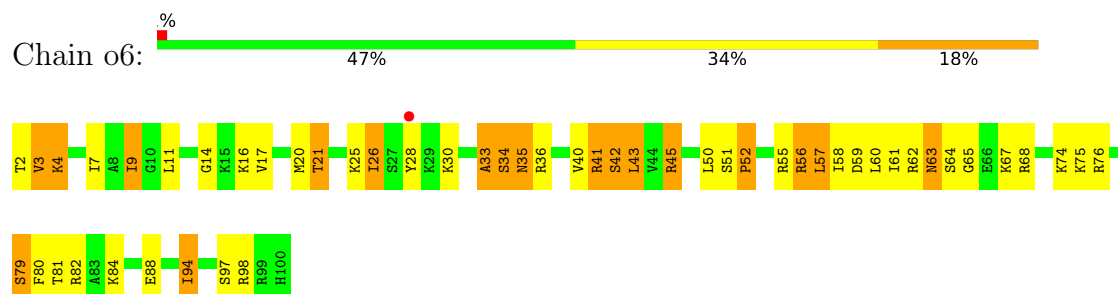
• Molecule 71: 60S ribosomal protein L35-A



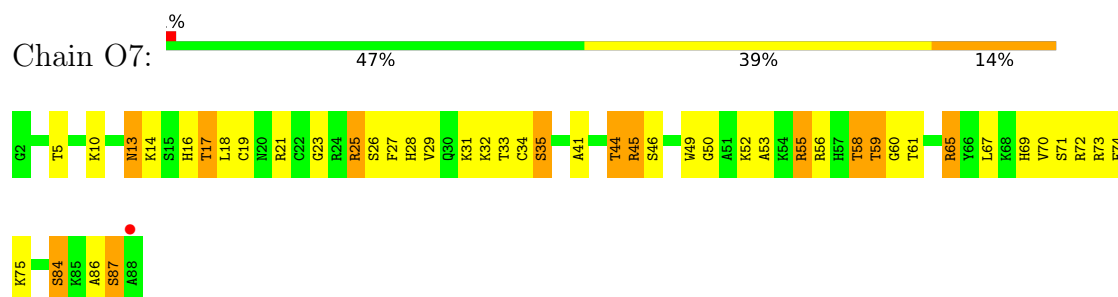
- Molecule 72: 60S ribosomal protein L36-A



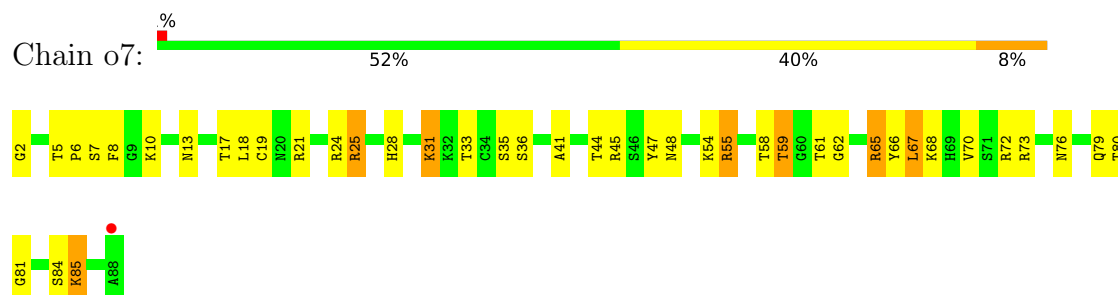
- Molecule 72: 60S ribosomal protein L36-A



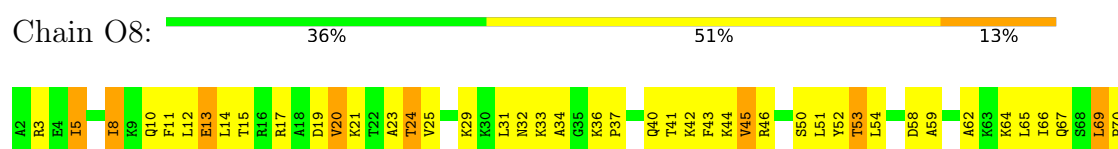
- Molecule 73: 60S ribosomal protein L37-A



- Molecule 73: 60S ribosomal protein L37-A

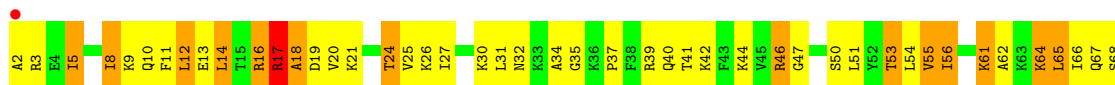


- Molecule 74: 60S ribosomal protein L38

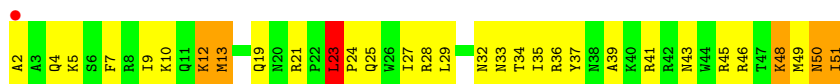




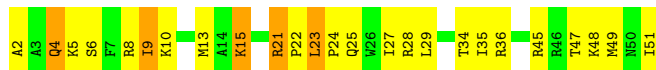
- Molecule 74: 60S ribosomal protein L38



- Molecule 75: 60S ribosomal protein L39



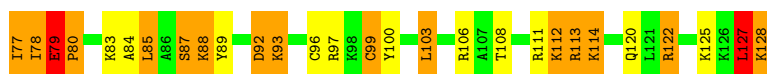
- Molecule 75: 60S ribosomal protein L39



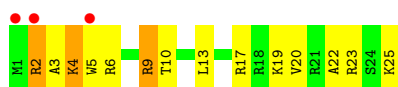
- Molecule 76: Ubiquitin-60S ribosomal protein L40



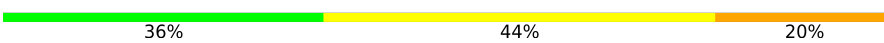
- Molecule 76: Ubiquitin-60S ribosomal protein L40



- Molecule 77: 60S ribosomal protein L41-A



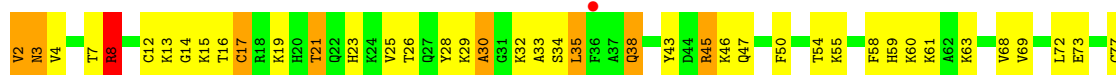
- Molecule 77: 60S ribosomal protein L41-A

Chain q1: 



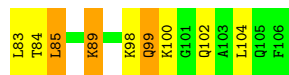
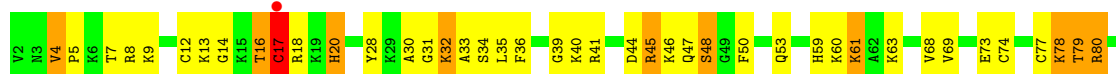
- Molecule 78: 60S ribosomal protein L42-A

Chain Q2: 



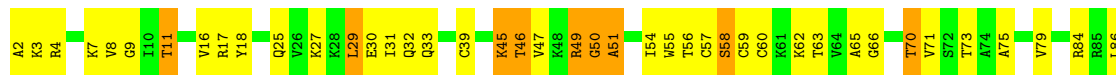
- Molecule 78: 60S ribosomal protein L42-A

Chain q2: 



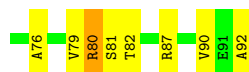
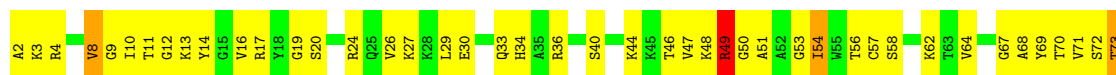
- Molecule 79: 60S ribosomal protein L43-A

Chain Q3: 

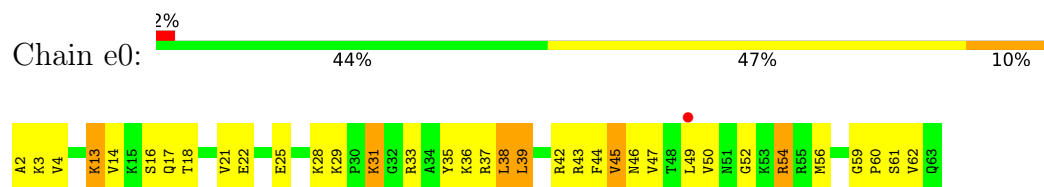


- Molecule 79: 60S ribosomal protein L43-A

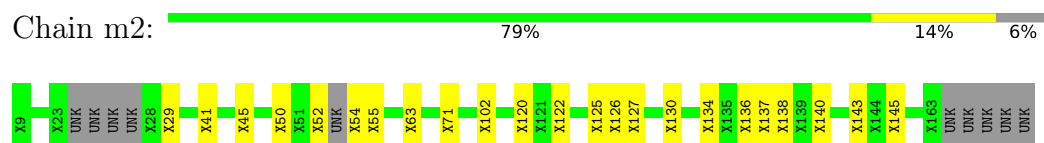
Chain q3: 



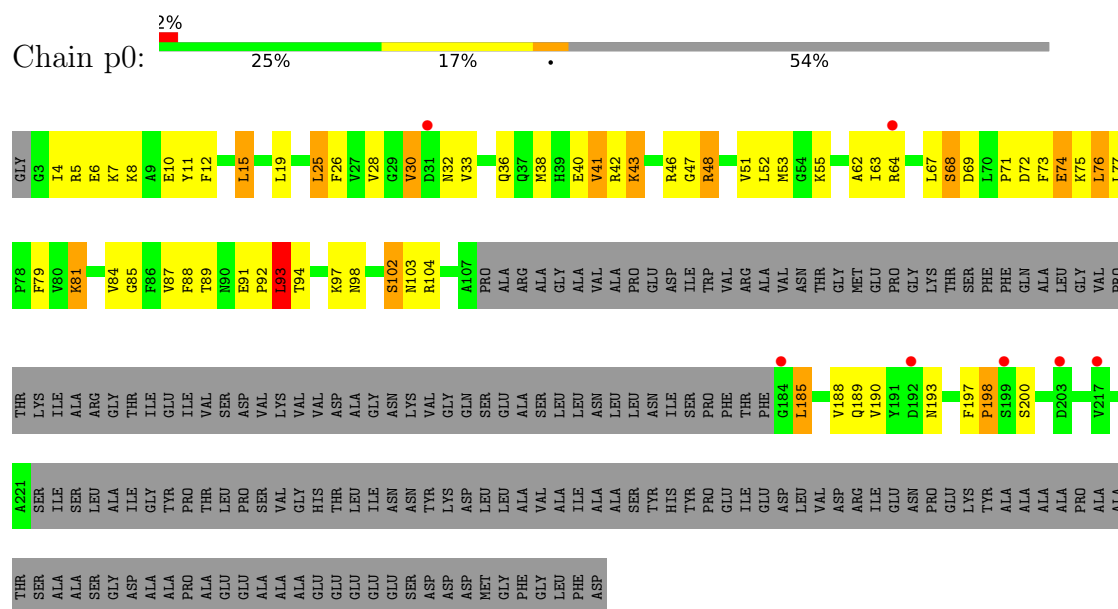
- Molecule 80: 40S ribosomal protein S30-A



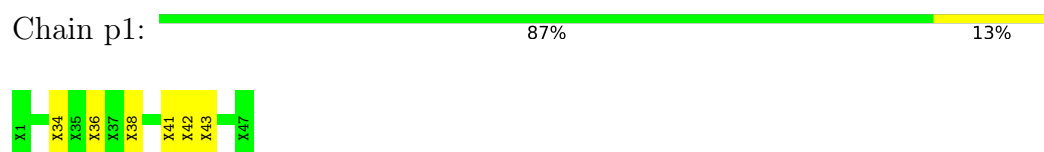
- Molecule 81: Unknown Protein m2



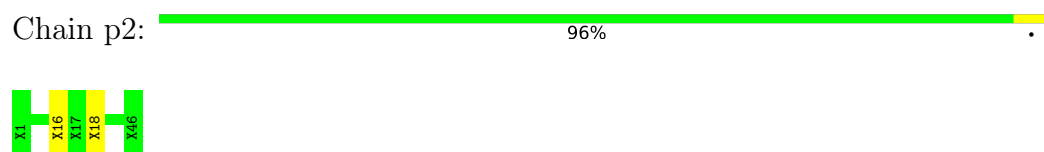
- Molecule 82: 60S acidic ribosomal protein P0



- Molecule 83: Unknown Protein p1



- Molecule 84: Unknown Protein p2



4 Data and refinement statistics

Property	Value	Source
Space group	P 1 21 1	Depositor
Cell constants a, b, c, α , β , γ	435.84Å 286.77Å 303.77Å 90.00° 99.03° 90.00°	Depositor
Resolution (Å)	49.70 – 3.30 49.70 – 3.30	Depositor EDS
% Data completeness (in resolution range)	99.4 (49.70-3.30) 99.3 (49.70-3.30)	Depositor EDS
R_{merge}	0.31	Depositor
R_{sym}	(Not available)	Depositor
$\langle I/\sigma(I) \rangle$ ¹	1.34 (at 3.33Å)	Xtriage
Refinement program	PHENIX (phenix.refine: dev_1702)	Depositor
R, R_{free}	0.202 , 0.255 0.204 , 0.255	Depositor DCC
R_{free} test set	21911 reflections (1.99%)	wwPDB-VP
Wilson B-factor (Å ²)	90.1	Xtriage
Anisotropy	0.099	Xtriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.30 , 76.1	EDS
L-test for twinning ²	$\langle L \rangle = 0.46$, $\langle L^2 \rangle = 0.28$	Xtriage
Estimated twinning fraction	No twinning to report.	Xtriage
F_o, F_c correlation	0.93	EDS
Total number of atoms	411183	wwPDB-VP
Average B, all atoms (Å ²)	79.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 1.47% 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.

5 Model quality ⓘ

5.1 Standard geometry ⓘ

Bond lengths and bond angles in the following residue types are not validated in this section: OHX, ZN, MG, 3J6

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 $|Z| > 5$ is considered an outlier worth inspection. RMSZ is the root-mean-square of all Z scores of the bond lengths (or angles).

Mol	Chain	Bond lengths		Bond angles	
		RMSZ	# $ Z > 5$	RMSZ	# $ Z > 5$
1	2	0.41	0/41698	0.60	2/64972 (0.0%)
1	6	0.48	0/42765	0.64	0/66634
2	S0	0.60	0/1617	1.10	9/2215 (0.4%)
2	s0	0.63	0/1623	1.15	12/2222 (0.5%)
3	S1	0.50	0/1735	0.94	6/2335 (0.3%)
3	s1	0.63	0/1748	1.03	7/2352 (0.3%)
4	S2	0.64	0/1665	1.06	7/2263 (0.3%)
4	s2	0.75	0/1665	1.11	10/2263 (0.4%)
5	S3	0.62	0/1759	1.05	4/2368 (0.2%)
5	s3	0.54	0/1759	0.96	5/2368 (0.2%)
6	S4	0.60	0/2109	1.00	6/2839 (0.2%)
6	s4	0.66	0/2109	1.10	7/2839 (0.2%)
7	S5	0.51	0/1629	0.95	3/2202 (0.1%)
7	s5	0.60	0/1629	1.06	6/2202 (0.3%)
8	S6	0.55	0/1823	1.04	7/2439 (0.3%)
8	s6	0.66	0/1779	1.02	5/2379 (0.2%)
9	S7	0.54	0/1506	0.98	5/2028 (0.2%)
9	s7	0.56	0/1516	1.05	4/2043 (0.2%)
10	S8	0.70	0/1514	1.05	6/2021 (0.3%)
10	s8	0.75	1/1514 (0.1%)	1.11	8/2021 (0.4%)
11	S9	0.57	0/1519	1.01	5/2035 (0.2%)
11	s9	0.72	0/1519	1.09	4/2035 (0.2%)
12	C0	0.52	0/790	0.94	1/1069 (0.1%)
12	c0	0.47	0/777	1.02	4/1049 (0.4%)
13	C1	0.70	0/1240	1.07	5/1675 (0.3%)
13	c1	0.78	0/1194	1.13	4/1610 (0.2%)
14	C2	0.55	0/900	1.02	4/1224 (0.3%)
14	c2	0.44	0/900	0.89	0/1224
15	C3	0.62	0/1215	1.05	5/1638 (0.3%)
15	c3	0.70	0/1215	1.09	3/1638 (0.2%)
16	C4	0.55	0/901	0.99	1/1217 (0.1%)
16	c4	0.67	0/960	1.13	5/1290 (0.4%)

Mol	Chain	Bond lengths		Bond angles	
		RMSZ	# Z >5	RMSZ	# Z >5
17	C5	0.60	0/998	1.05	5/1341 (0.4%)
17	c5	0.62	0/1060	1.15	8/1426 (0.6%)
18	C6	0.56	0/1125	1.01	6/1510 (0.4%)
18	c6	0.66	0/1131	1.10	10/1518 (0.7%)
19	C7	0.61	0/935	1.00	3/1254 (0.2%)
19	c7	0.61	0/914	1.09	5/1224 (0.4%)
20	C8	0.54	0/1211	0.97	1/1628 (0.1%)
20	c8	0.61	0/1211	1.00	6/1628 (0.4%)
21	C9	0.57	0/1130	0.97	3/1517 (0.2%)
21	c9	0.63	0/1130	1.01	3/1517 (0.2%)
22	D0	0.60	0/865	0.96	2/1169 (0.2%)
22	d0	0.60	0/892	1.02	4/1205 (0.3%)
23	D1	0.58	0/693	0.97	0/935
23	d1	0.65	0/693	1.00	1/935 (0.1%)
24	D2	0.64	0/1038	1.11	6/1395 (0.4%)
24	d2	0.79	0/1038	1.10	4/1395 (0.3%)
25	D3	0.74	0/1139	1.15	9/1518 (0.6%)
25	d3	0.92	1/1139 (0.1%)	1.20	5/1518 (0.3%)
26	D4	0.54	0/1087	0.96	5/1449 (0.3%)
26	d4	0.62	0/1087	1.05	5/1449 (0.3%)
27	D5	0.57	0/571	1.10	4/768 (0.5%)
27	d5	0.60	0/566	1.06	2/761 (0.3%)
28	D6	0.66	0/782	1.09	4/1047 (0.4%)
28	d6	0.79	0/782	1.12	2/1047 (0.2%)
29	D7	0.57	0/620	1.03	3/838 (0.4%)
29	d7	0.64	0/620	1.25	5/838 (0.6%)
30	D8	0.48	0/499	0.89	2/670 (0.3%)
30	d8	0.54	0/499	0.96	1/670 (0.1%)
31	D9	0.62	0/452	1.02	1/600 (0.2%)
31	d9	0.55	0/452	0.96	0/600
32	E0	0.60	0/483	1.00	2/643 (0.3%)
33	E1	0.63	0/577	1.13	2/770 (0.3%)
33	e1	0.58	0/619	1.07	5/822 (0.6%)
34	SR	0.49	0/2494	0.89	4/3393 (0.1%)
34	sR	0.53	0/2495	0.90	2/3395 (0.1%)
35	SM	0.75	1/1113 (0.1%)	1.23	11/1502 (0.7%)
35	sM	0.70	1/683 (0.1%)	1.14	4/923 (0.4%)
36	1	0.62	0/75394	0.74	12/117545 (0.0%)
36	5	0.64	0/75414	0.76	14/117575 (0.0%)
37	3	0.52	0/2883	0.67	0/4491
37	7	0.62	0/2883	0.76	0/4491
38	4	0.60	0/3746	0.71	0/5832
38	8	0.54	0/3746	0.68	0/5832

Mol	Chain	Bond lengths		Bond angles	
		RMSZ	# Z >5	RMSZ	# Z >5
39	L2	0.92	0/1948	1.20	7/2617 (0.3%)
39	l2	0.90	0/1946	1.25	20/2614 (0.8%)
40	L3	0.91	0/3146	1.19	16/4228 (0.4%)
40	l3	1.03	0/3146	1.30	21/4228 (0.5%)
41	L4	1.01	2/2800 (0.1%)	1.34	25/3790 (0.7%)
41	l4	0.90	1/2800 (0.0%)	1.28	26/3790 (0.7%)
42	L5	0.67	0/2425	1.00	4/3271 (0.1%)
42	l5	0.84	1/2408 (0.0%)	1.11	12/3248 (0.4%)
43	L6	0.92	0/1260	1.15	3/1694 (0.2%)
43	l6	0.89	0/1269	1.15	4/1705 (0.2%)
44	L7	0.98	1/1821 (0.1%)	1.24	10/2451 (0.4%)
44	l7	1.02	0/1828	1.25	18/2461 (0.7%)
45	L8	0.70	0/1836	1.13	18/2481 (0.7%)
45	l8	0.64	0/1795	1.03	7/2429 (0.3%)
46	L9	0.83	0/1539	1.14	4/2073 (0.2%)
46	l9	0.98	0/1539	1.20	5/2073 (0.2%)
47	M0	0.92	1/1741 (0.1%)	1.19	8/2335 (0.3%)
47	m0	0.92	0/1758	1.22	8/2358 (0.3%)
48	M1	0.63	0/1374	1.03	7/1842 (0.4%)
48	m1	0.84	0/1374	1.14	6/1842 (0.3%)
49	M3	0.96	1/1568 (0.1%)	1.20	8/2106 (0.4%)
49	m3	0.89	1/1573 (0.1%)	1.27	14/2113 (0.7%)
50	M4	0.93	0/1068	1.11	1/1438 (0.1%)
50	m4	1.00	1/1074 (0.1%)	1.17	4/1446 (0.3%)
51	M5	0.90	0/1757	1.20	11/2354 (0.5%)
51	m5	0.83	1/1757 (0.1%)	1.16	11/2354 (0.5%)
52	M6	1.00	0/1585	1.27	8/2128 (0.4%)
52	m6	1.16	1/1585 (0.1%)	1.38	16/2128 (0.8%)
53	M7	1.00	1/1443 (0.1%)	1.14	3/1944 (0.2%)
53	m7	1.03	1/1250 (0.1%)	1.23	7/1683 (0.4%)
54	M8	1.01	1/1465 (0.1%)	1.36	16/1965 (0.8%)
54	m8	0.94	0/1465	1.24	4/1965 (0.2%)
55	M9	0.72	1/1538 (0.1%)	1.05	3/2050 (0.1%)
55	m9	0.77	1/1538 (0.1%)	1.03	4/2050 (0.2%)
56	N0	0.90	0/1481	1.15	9/1990 (0.5%)
56	n0	1.09	0/1481	1.27	4/1990 (0.2%)
57	N1	0.90	0/1300	1.12	5/1743 (0.3%)
57	n1	0.97	0/1300	1.17	5/1743 (0.3%)
58	N2	0.55	0/812	0.97	3/1099 (0.3%)
58	n2	0.60	0/794	1.04	5/1076 (0.5%)
59	N3	0.88	0/1018	1.16	5/1369 (0.4%)
59	n3	1.03	1/1018 (0.1%)	1.28	3/1369 (0.2%)
60	N4	0.74	0/712	1.20	4/958 (0.4%)

Mol	Chain	Bond lengths		Bond angles	
		RMSZ	# Z >5	RMSZ	# Z >5
60	n4	0.84	0/1052	1.18	7/1398 (0.5%)
61	N5	0.77	0/979	1.08	4/1321 (0.3%)
61	n5	0.80	0/974	1.13	2/1314 (0.2%)
62	N6	0.91	0/1004	1.28	7/1341 (0.5%)
62	n6	0.81	0/1004	1.09	3/1341 (0.2%)
63	N7	0.63	0/1118	1.10	6/1497 (0.4%)
63	n7	0.56	0/1118	0.98	3/1497 (0.2%)
64	N8	0.96	0/1204	1.32	8/1612 (0.5%)
64	n8	0.91	0/1204	1.27	9/1612 (0.6%)
65	N9	0.90	1/473 (0.2%)	1.19	8/629 (1.3%)
65	n9	0.99	0/473	1.46	6/629 (1.0%)
66	O0	0.61	0/751	1.01	0/1008
66	o0	0.64	0/775	1.01	3/1040 (0.3%)
67	O1	0.81	0/890	1.07	4/1196 (0.3%)
67	o1	0.91	0/897	1.23	4/1205 (0.3%)
68	O2	1.09	0/1041	1.26	3/1394 (0.2%)
68	o2	1.06	1/1041 (0.1%)	1.34	4/1394 (0.3%)
69	O3	1.01	0/868	1.23	3/1168 (0.3%)
69	o3	1.07	1/868 (0.1%)	1.33	6/1168 (0.5%)
70	O4	0.74	0/890	1.17	5/1189 (0.4%)
70	o4	0.72	0/890	1.20	6/1189 (0.5%)
71	O5	0.87	0/978	1.19	7/1301 (0.5%)
71	o5	0.71	0/974	1.02	0/1297
72	O6	0.85	0/778	1.11	1/1034 (0.1%)
72	o6	0.70	0/777	1.11	2/1033 (0.2%)
73	O7	1.02	1/696 (0.1%)	1.34	4/923 (0.4%)
73	o7	0.89	0/696	1.20	3/923 (0.3%)
74	O8	0.62	0/618	1.06	2/826 (0.2%)
74	o8	0.65	0/614	1.05	1/822 (0.1%)
75	O9	0.90	0/443	1.27	4/588 (0.7%)
75	o9	0.86	0/443	1.10	2/588 (0.3%)
76	Q0	0.81	0/423	1.21	4/562 (0.7%)
76	q0	1.09	0/423	1.34	5/562 (0.9%)
77	Q1	0.80	0/234	1.04	0/300
77	q1	0.95	0/234	1.08	0/300
78	Q2	0.96	1/860 (0.1%)	1.21	3/1136 (0.3%)
78	q2	0.90	1/860 (0.1%)	1.10	4/1136 (0.4%)
79	Q3	0.86	0/701	1.16	0/934
79	q3	0.86	0/701	1.10	0/934
80	e0	0.74	0/499	1.20	4/665 (0.6%)
82	p0	0.56	0/1092	0.97	0/1474
All	All	0.67	27/430074 (0.0%)	0.89	860/631364 (0.1%)

Chiral center outliers are detected by calculating the chiral volume of a chiral center and verifying if the center is modelled as a planar moiety or with the opposite hand. A planarity outlier is detected by checking planarity of atoms in a peptide group, atoms in a mainchain group or atoms of a sidechain that are expected to be planar.

Mol	Chain	#Chirality outliers	#Planarity outliers
6	S4	0	1
7	s5	0	1
9	S7	0	2
9	s7	0	1
10	s8	0	1
11	s9	0	1
16	C4	0	2
18	c6	0	1
19	C7	0	1
25	D3	0	1
27	D5	0	1
28	D6	0	1
33	E1	0	1
39	L2	0	1
39	l2	0	1
40	L3	0	1
43	L6	0	1
43	l6	0	1
44	l7	0	1
45	L8	0	1
46	L9	0	1
48	M1	0	1
52	M6	0	1
52	m6	0	1
54	m8	0	1
56	N0	0	1
56	n0	0	1
59	n3	0	1
64	n8	0	1
65	N9	0	2
67	O1	0	1
72	O6	0	1
81	m2	0	1
All	All	0	36

The worst 5 of 27 bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
35	SM	134	ASP	CA-C	8.83	1.64	1.52

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Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
73	O7	86	ALA	CA-C	8.47	1.56	1.52
54	M8	24	VAL	CA-CB	-6.72	1.47	1.54
78	Q2	17	CYS	CB-SG	6.62	2.03	1.81
42	l5	122	VAL	CA-CB	-6.36	1.49	1.55

The worst 5 of 860 bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
68	o2	4	LEU	CA-C-N	-15.44	100.54	119.84
68	o2	4	LEU	C-N-CA	-15.44	100.54	119.84
65	n9	23	LYS	CA-C-N	-12.75	103.90	119.84
65	n9	23	LYS	C-N-CA	-12.75	103.90	119.84
69	o3	89	LEU	CA-C-N	12.34	135.26	119.84

There are no chirality outliers.

5 of 36 planarity outliers are listed below:

Mol	Chain	Res	Type	Group
16	C4	123	SER	Peptide
16	C4	124	ASP	Peptide
6	S4	167	GLY	Peptide
9	S7	131	PHE	Peptide
9	S7	30	SER	Peptide

5.2 Too-close contacts [i](#)

In the following table, the Non-H and H(model) columns list the number of non-hydrogen atoms and hydrogen atoms in the chain respectively. The H(added) column lists the number of hydrogen atoms added and optimized by MolProbity. The Clashes column lists the number of clashes within the asymmetric unit, whereas Symm-Clashes lists symmetry-related clashes.

Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
1	2	37283	0	18757	1107	0
1	6	38238	0	19240	1053	0
2	S0	1577	0	1567	108	0
2	s0	1583	0	1578	106	0
3	S1	1709	0	1784	118	0
3	s1	1722	0	1793	85	0
4	S2	1635	0	1723	88	0
4	s2	1635	0	1723	76	0
5	S3	1734	0	1817	75	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
5	s3	1734	0	1817	86	0
6	S4	2068	0	2154	116	0
6	s4	2068	0	2154	111	0
7	S5	1609	0	1675	94	0
7	s5	1609	0	1675	103	0
8	S6	1799	0	1879	72	0
8	s6	1755	0	1846	78	0
9	S7	1481	0	1572	71	0
9	s7	1491	0	1578	71	0
10	S8	1489	0	1525	87	0
10	s8	1489	0	1525	74	0
11	S9	1494	0	1573	61	0
11	s9	1494	0	1573	102	0
12	C0	773	0	729	47	0
12	c0	762	0	699	43	0
13	C1	1214	0	1259	56	0
13	c1	1168	0	1231	66	0
14	C2	892	0	891	43	0
14	c2	892	0	891	29	0
15	C3	1192	0	1254	50	0
15	c3	1192	0	1255	70	0
16	C4	891	0	883	55	0
16	c4	949	0	985	59	0
17	C5	977	0	1002	57	0
17	c5	1039	0	1050	63	0
18	C6	1105	0	1166	81	0
18	c6	1111	0	1171	63	0
19	C7	926	0	930	55	0
19	c7	906	0	909	50	0
20	C8	1192	0	1222	77	0
20	c8	1192	0	1222	63	0
21	C9	1112	0	1124	67	0
21	c9	1112	0	1124	56	0
22	D0	855	0	917	53	0
22	d0	882	0	939	49	0
23	D1	684	0	672	39	0
23	d1	684	0	672	53	0
24	D2	1021	0	1060	49	0
24	d2	1021	0	1060	62	0
25	D3	1121	0	1196	56	0
25	d3	1121	0	1196	60	0
26	D4	1073	0	1132	53	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
26	d4	1073	0	1132	54	0
27	D5	563	0	603	41	0
27	d5	558	0	598	37	0
28	D6	769	0	814	79	0
28	d6	769	0	814	47	0
29	D7	610	0	631	26	0
29	d7	610	0	633	29	0
30	D8	497	0	535	28	0
30	d8	497	0	535	32	0
31	D9	442	0	428	29	0
31	d9	442	0	429	24	0
32	E0	475	0	525	18	0
33	E1	566	0	602	36	0
33	e1	608	0	657	51	0
34	SR	2441	0	2397	95	0
34	sR	2442	0	2392	90	0
35	SM	1104	0	996	50	0
35	sM	680	0	607	44	0
36	1	67355	0	33845	1590	1
36	5	67376	0	33858	1545	0
37	3	2579	0	1304	62	0
37	7	2579	0	1304	62	0
38	4	3353	0	1695	84	0
38	8	3353	0	1695	96	0
39	L2	1914	0	1981	114	0
39	l2	1912	0	1976	116	0
40	L3	3075	0	3142	156	0
40	l3	3075	0	3142	152	0
41	L4	2748	0	2859	148	0
41	l4	2748	0	2859	132	0
42	L5	2375	0	2325	122	0
42	l5	2359	0	2311	119	0
43	L6	1239	0	1326	62	0
43	l6	1248	0	1339	47	0
44	L7	1784	0	1862	92	0
44	l7	1791	0	1869	92	0
45	L8	1804	0	1877	74	0
45	l8	1763	0	1819	80	0
46	L9	1518	0	1587	86	0
46	l9	1518	0	1587	86	0
47	M0	1705	0	1735	85	0
47	m0	1722	0	1755	104	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
48	M1	1353	0	1383	75	0
48	m1	1353	0	1383	54	0
49	M3	1543	0	1608	91	0
49	m3	1548	0	1613	84	0
50	M4	1053	0	1149	62	0
50	m4	1059	0	1154	51	0
51	M5	1720	0	1779	94	0
51	m5	1720	0	1779	110	0
52	M6	1555	0	1659	81	0
52	m6	1555	0	1659	86	0
53	M7	1420	0	1437	76	0
53	m7	1227	0	1236	50	0
54	M8	1441	0	1543	80	0
54	m8	1441	0	1543	72	0
55	M9	1521	0	1617	76	0
55	m9	1521	0	1617	50	0
56	N0	1445	0	1487	70	0
56	n0	1445	0	1487	69	0
57	N1	1276	0	1323	61	0
57	n1	1276	0	1323	72	0
58	N2	796	0	812	26	0
58	n2	778	0	791	37	0
59	N3	1003	0	1048	49	0
59	n3	1003	0	1048	46	0
60	N4	699	0	640	24	0
60	n4	1038	0	1071	36	0
61	N5	964	0	1025	35	0
61	n5	959	0	1023	46	0
62	N6	993	0	1081	44	0
62	n6	993	0	1081	61	0
63	N7	1092	0	1155	60	0
63	n7	1092	0	1155	71	0
64	N8	1173	0	1214	58	0
64	n8	1173	0	1215	71	0
65	N9	462	0	491	17	0
65	n9	462	0	491	32	0
66	O0	743	0	797	38	0
66	o0	767	0	816	42	0
67	O1	876	0	912	39	0
67	o1	883	0	918	35	0
68	O2	1020	0	1090	42	0
68	o2	1020	0	1090	52	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
69	O3	850	0	880	27	0
69	o3	850	0	880	37	0
70	O4	880	0	945	47	0
70	o4	880	0	945	53	0
71	O5	969	0	1078	62	0
71	o5	965	0	1067	57	0
72	O6	771	0	849	39	0
72	o6	770	0	846	39	0
73	O7	681	0	683	33	0
73	o7	681	0	682	25	0
74	O8	612	0	682	32	0
74	o8	608	0	671	38	0
75	O9	436	0	475	23	0
75	o9	436	0	475	21	0
76	Q0	417	0	455	15	0
76	q0	417	0	456	20	0
77	Q1	233	0	284	11	0
77	q1	233	0	284	13	0
78	Q2	847	0	916	30	0
78	q2	847	0	917	36	0
79	Q3	694	0	734	30	0
79	q3	694	0	734	39	0
80	e0	491	0	542	23	0
81	m2	750	0	175	13	0
82	p0	1077	0	1041	40	0
83	p1	235	0	50	4	0
84	p2	230	0	51	1	0
85	1	471	0	0	0	0
85	2	123	0	0	0	0
85	3	14	0	0	0	0
85	4	20	0	0	0	0
85	5	496	0	0	0	0
85	6	147	0	0	0	0
85	7	18	0	0	0	0
85	8	15	0	0	0	0
85	C3	1	0	0	0	0
85	D0	1	0	0	0	0
85	D3	1	0	0	0	0
85	L2	3	0	0	0	0
85	L3	3	0	0	0	0
85	L4	2	0	0	0	0
85	L5	1	0	0	0	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
85	L7	2	0	0	0	0
85	L8	1	0	0	0	0
85	M0	3	0	0	0	0
85	M1	1	0	0	0	0
85	M3	3	0	0	0	0
85	M5	2	0	0	0	0
85	M6	1	0	0	0	0
85	M7	4	0	0	0	0
85	M9	2	0	0	0	0
85	N0	2	0	0	0	0
85	N3	3	0	0	0	0
85	N5	1	0	0	0	0
85	N8	5	0	0	0	0
85	O2	2	0	0	0	0
85	O3	1	0	0	0	0
85	O7	1	0	0	0	0
85	S2	1	0	0	0	0
85	S8	1	0	0	0	0
85	c1	1	0	0	0	0
85	c7	1	0	0	0	0
85	c8	2	0	0	0	0
85	d3	3	0	0	0	0
85	d6	1	0	0	0	0
85	l2	2	0	0	0	0
85	l3	3	0	0	0	0
85	l4	1	0	0	0	0
85	l5	3	0	0	0	0
85	l7	2	0	0	0	0
85	l9	1	0	0	0	0
85	m0	1	0	0	0	0
85	m1	1	0	0	0	0
85	m5	2	0	0	0	0
85	m6	2	0	0	0	0
85	m7	5	0	0	0	0
85	n0	2	0	0	0	0
85	n3	2	0	0	0	0
85	n6	2	0	0	0	0
85	n8	2	0	0	0	0
85	n9	1	0	0	0	0
85	o0	1	0	0	0	0
85	o1	1	0	0	0	0
85	o3	2	0	0	0	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
85	o4	1	0	0	0	0
85	q0	1	0	0	0	0
85	q3	2	0	0	0	0
85	s1	1	0	0	0	0
85	s8	2	0	0	0	0
85	s9	1	0	0	0	0
85	sM	2	0	0	0	0
86	1	2429	0	0	223	0
86	2	1099	0	0	115	0
86	3	84	0	0	5	0
86	4	112	0	0	10	0
86	5	2471	0	0	247	0
86	6	1120	0	0	126	0
86	7	70	0	0	4	0
86	8	112	0	0	21	0
86	C3	7	0	0	0	0
86	C5	7	0	0	0	0
86	C8	7	0	0	0	0
86	D3	7	0	0	1	0
86	D9	7	0	0	0	0
86	L3	14	0	0	2	0
86	L4	7	0	0	1	0
86	M0	7	0	0	0	0
86	M5	7	0	0	0	0
86	M7	14	0	0	1	0
86	M9	7	0	0	1	0
86	N9	7	0	0	0	0
86	O1	7	0	0	8	0
86	O3	7	0	0	1	0
86	O4	7	0	0	0	0
86	O6	7	0	0	1	0
86	O7	7	0	0	3	0
86	O9	7	0	0	1	0
86	Q2	7	0	0	2	0
86	S6	7	0	0	1	1
86	S8	7	0	0	1	0
86	SR	7	0	0	0	0
86	c3	7	0	0	0	0
86	c5	7	0	0	2	0
86	c8	7	0	0	0	0
86	d4	7	0	0	0	0
86	d9	7	0	0	0	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
86	l3	14	0	0	1	0
86	l4	14	0	0	0	0
86	l5	28	0	0	1	0
86	l9	7	0	0	0	0
86	m0	14	0	0	1	0
86	m1	7	0	0	1	0
86	m4	7	0	0	0	0
86	m5	7	0	0	0	0
86	m6	7	0	0	0	0
86	m7	7	0	0	0	0
86	m8	7	0	0	0	0
86	n3	14	0	0	1	0
86	n6	7	0	0	0	0
86	n9	7	0	0	2	0
86	o2	7	0	0	0	0
86	o3	7	0	0	1	0
86	o7	14	0	0	6	0
86	q2	7	0	0	3	0
86	s1	14	0	0	2	0
86	s8	7	0	0	1	0
86	sR	7	0	0	0	0
87	D6	1	0	0	0	0
87	D7	1	0	0	0	0
87	D9	1	0	0	0	0
87	E1	1	0	0	0	0
87	O7	1	0	0	0	0
87	Q0	1	0	0	0	0
87	Q2	1	0	0	0	0
87	Q3	1	0	0	0	0
87	d6	1	0	0	0	0
87	d7	1	0	0	0	0
87	d9	1	0	0	0	0
87	e1	1	0	0	0	0
87	o7	1	0	0	0	0
87	q0	1	0	0	1	0
87	q2	1	0	0	0	0
87	q3	1	0	0	0	0
88	1	21	0	20	3	0
88	5	21	0	20	7	0
All	All	411183	0	297329	12936	1

The all-atom clashscore is defined as the number of clashes found per 1000 atoms (including hydrogen atoms). The all-atom clashscore for this structure is 19.

The worst 5 of 12936 close contacts within the same asymmetric unit are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
78:Q2:17:CYS:SG	78:Q2:17:CYS:CB	2.03	1.47
78:q2:17:CYS:SG	78:q2:77:CYS:HB3	1.94	1.07
36:5:3274:A:H3'	36:5:3275:U:H5''	1.36	1.07
78:q2:17:CYS:SG	78:q2:77:CYS:CB	2.45	1.05
36:1:3182:G:OP1	52:M6:160:ARG:NH2	1.90	1.03

All (1) symmetry-related close contacts are listed below. The label for Atom-2 includes the symmetry operator and encoded unit-cell translations to be applied.

Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
36:1:531:G:OP1	86:S6:301:OHX:N1[2_545]	2.16	0.04

5.3 Torsion angles

5.3.1 Protein backbone

In the following table, the Percentiles column shows the percent Ramachandran outliers of the chain as a percentile score with respect to all X-ray entries followed by that with respect to entries of similar resolution.

The Analysed column shows the number of residues for which the backbone conformation was analysed, and the total number of residues.

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
2	S0	204/251 (81%)	139 (68%)	40 (20%)	25 (12%)	0	1
2	s0	204/251 (81%)	148 (72%)	37 (18%)	19 (9%)	0	3
3	S1	212/254 (84%)	147 (69%)	38 (18%)	27 (13%)	0	1
3	s1	214/254 (84%)	164 (77%)	34 (16%)	16 (8%)	1	6
4	S2	215/253 (85%)	177 (82%)	26 (12%)	12 (6%)	1	9
4	s2	215/253 (85%)	171 (80%)	27 (13%)	17 (8%)	1	5
5	S3	221/239 (92%)	176 (80%)	32 (14%)	13 (6%)	1	9
5	s3	221/239 (92%)	172 (78%)	30 (14%)	19 (9%)	0	4
6	S4	258/260 (99%)	205 (80%)	39 (15%)	14 (5%)	1	10
6	s4	258/260 (99%)	206 (80%)	34 (13%)	18 (7%)	1	7
7	S5	204/224 (91%)	149 (73%)	38 (19%)	17 (8%)	0	5

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Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
7	s5	204/224 (91%)	145 (71%)	44 (22%)	15 (7%)	1	6
8	S6	224/236 (95%)	194 (87%)	20 (9%)	10 (4%)	2	13
8	s6	216/236 (92%)	184 (85%)	20 (9%)	12 (6%)	1	9
9	S7	182/189 (96%)	132 (72%)	33 (18%)	17 (9%)	0	3
9	s7	184/189 (97%)	142 (77%)	23 (12%)	19 (10%)	0	2
10	S8	184/200 (92%)	150 (82%)	23 (12%)	11 (6%)	1	9
10	s8	184/200 (92%)	155 (84%)	21 (11%)	8 (4%)	2	14
11	S9	183/196 (93%)	146 (80%)	24 (13%)	13 (7%)	1	6
11	s9	183/196 (93%)	144 (79%)	25 (14%)	14 (8%)	1	5
12	C0	94/105 (90%)	68 (72%)	17 (18%)	9 (10%)	0	3
12	c0	92/105 (88%)	60 (65%)	16 (17%)	16 (17%)	0	0
13	C1	153/155 (99%)	118 (77%)	22 (14%)	13 (8%)	0	4
13	c1	144/155 (93%)	112 (78%)	25 (17%)	7 (5%)	1	12
14	C2	122/142 (86%)	70 (57%)	28 (23%)	24 (20%)	0	0
14	c2	122/142 (86%)	68 (56%)	36 (30%)	18 (15%)	0	1
15	C3	148/150 (99%)	120 (81%)	16 (11%)	12 (8%)	1	5
15	c3	148/150 (99%)	112 (76%)	23 (16%)	13 (9%)	0	4
16	C4	125/136 (92%)	92 (74%)	22 (18%)	11 (9%)	0	4
16	c4	126/136 (93%)	94 (75%)	22 (18%)	10 (8%)	1	5
17	C5	122/141 (86%)	89 (73%)	24 (20%)	9 (7%)	1	6
17	c5	133/141 (94%)	87 (65%)	28 (21%)	18 (14%)	0	1
18	C6	139/142 (98%)	108 (78%)	18 (13%)	13 (9%)	0	3
18	c6	140/142 (99%)	111 (79%)	19 (14%)	10 (7%)	1	6
19	C7	116/136 (85%)	86 (74%)	19 (16%)	11 (10%)	0	3
19	c7	113/136 (83%)	84 (74%)	21 (19%)	8 (7%)	1	6
20	C8	143/145 (99%)	110 (77%)	22 (15%)	11 (8%)	1	5
20	c8	143/145 (99%)	112 (78%)	21 (15%)	10 (7%)	1	7
21	C9	141/143 (99%)	114 (81%)	20 (14%)	7 (5%)	1	11
21	c9	141/143 (99%)	109 (77%)	27 (19%)	5 (4%)	3	18
22	D0	105/120 (88%)	87 (83%)	13 (12%)	5 (5%)	2	12
22	d0	108/120 (90%)	83 (77%)	13 (12%)	12 (11%)	0	2

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Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
23	D1	85/87 (98%)	54 (64%)	21 (25%)	10 (12%)	0	1
23	d1	85/87 (98%)	66 (78%)	12 (14%)	7 (8%)	0	5
24	D2	127/129 (98%)	103 (81%)	20 (16%)	4 (3%)	3	20
24	d2	127/129 (98%)	111 (87%)	14 (11%)	2 (2%)	7	31
25	D3	142/144 (99%)	107 (75%)	22 (16%)	13 (9%)	0	3
25	d3	142/144 (99%)	120 (84%)	16 (11%)	6 (4%)	2	14
26	D4	132/134 (98%)	107 (81%)	20 (15%)	5 (4%)	2	16
26	d4	132/134 (98%)	101 (76%)	22 (17%)	9 (7%)	1	7
27	D5	68/107 (64%)	39 (57%)	18 (26%)	11 (16%)	0	1
27	d5	67/107 (63%)	51 (76%)	13 (19%)	3 (4%)	2	13
28	D6	95/97 (98%)	55 (58%)	21 (22%)	19 (20%)	0	0
28	d6	95/97 (98%)	72 (76%)	14 (15%)	9 (10%)	0	3
29	D7	79/81 (98%)	58 (73%)	16 (20%)	5 (6%)	1	8
29	d7	79/81 (98%)	64 (81%)	10 (13%)	5 (6%)	1	8
30	D8	61/66 (92%)	45 (74%)	11 (18%)	5 (8%)	0	5
30	d8	61/66 (92%)	40 (66%)	15 (25%)	6 (10%)	0	3
31	D9	51/55 (93%)	43 (84%)	6 (12%)	2 (4%)	2	16
31	d9	51/55 (93%)	41 (80%)	4 (8%)	6 (12%)	0	1
32	E0	58/60 (97%)	48 (83%)	7 (12%)	3 (5%)	1	11
33	E1	69/76 (91%)	31 (45%)	22 (32%)	16 (23%)	0	0
33	e1	74/76 (97%)	35 (47%)	18 (24%)	21 (28%)	0	0
34	SR	316/318 (99%)	263 (83%)	41 (13%)	12 (4%)	2	16
34	sR	316/318 (99%)	269 (85%)	37 (12%)	10 (3%)	3	19
35	SM	155/273 (57%)	101 (65%)	33 (21%)	21 (14%)	0	1
35	sM	98/273 (36%)	56 (57%)	29 (30%)	13 (13%)	0	1
39	L2	250/253 (99%)	208 (83%)	30 (12%)	12 (5%)	2	12
39	l2	250/253 (99%)	206 (82%)	26 (10%)	18 (7%)	1	6
40	L3	384/386 (100%)	319 (83%)	46 (12%)	19 (5%)	1	12
40	l3	384/386 (100%)	331 (86%)	40 (10%)	13 (3%)	3	18
41	L4	359/361 (99%)	289 (80%)	42 (12%)	28 (8%)	1	5
41	l4	359/361 (99%)	290 (81%)	44 (12%)	25 (7%)	1	7

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Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
42	L5	294/296 (99%)	235 (80%)	42 (14%)	17 (6%)	1	9
42	l5	292/296 (99%)	244 (84%)	36 (12%)	12 (4%)	2	15
43	L6	152/175 (87%)	126 (83%)	21 (14%)	5 (3%)	3	19
43	l6	153/175 (87%)	129 (84%)	21 (14%)	3 (2%)	6	27
44	L7	220/243 (90%)	175 (80%)	35 (16%)	10 (4%)	2	13
44	l7	221/243 (91%)	179 (81%)	34 (15%)	8 (4%)	2	17
45	L8	231/255 (91%)	176 (76%)	42 (18%)	13 (6%)	1	9
45	l8	229/255 (90%)	179 (78%)	32 (14%)	18 (8%)	1	5
46	L9	189/191 (99%)	159 (84%)	23 (12%)	7 (4%)	2	17
46	l9	189/191 (99%)	159 (84%)	24 (13%)	6 (3%)	3	19
47	M0	207/220 (94%)	165 (80%)	27 (13%)	15 (7%)	1	6
47	m0	209/220 (95%)	155 (74%)	39 (19%)	15 (7%)	1	6
48	M1	167/173 (96%)	120 (72%)	27 (16%)	20 (12%)	0	1
48	m1	167/173 (96%)	134 (80%)	22 (13%)	11 (7%)	1	7
49	M3	191/198 (96%)	151 (79%)	29 (15%)	11 (6%)	1	9
49	m3	192/198 (97%)	159 (83%)	17 (9%)	16 (8%)	0	5
50	M4	134/137 (98%)	108 (81%)	17 (13%)	9 (7%)	1	7
50	m4	135/137 (98%)	113 (84%)	18 (13%)	4 (3%)	3	20
51	M5	201/203 (99%)	176 (88%)	20 (10%)	5 (2%)	4	23
51	m5	201/203 (99%)	167 (83%)	26 (13%)	8 (4%)	2	15
52	M6	195/198 (98%)	172 (88%)	18 (9%)	5 (3%)	4	23
52	m6	195/198 (98%)	164 (84%)	22 (11%)	9 (5%)	2	13
53	M7	181/183 (99%)	139 (77%)	32 (18%)	10 (6%)	1	10
53	m7	153/183 (84%)	134 (88%)	17 (11%)	2 (1%)	9	35
54	M8	183/185 (99%)	154 (84%)	24 (13%)	5 (3%)	4	22
54	m8	183/185 (99%)	151 (82%)	27 (15%)	5 (3%)	4	22
55	M9	186/188 (99%)	157 (84%)	25 (13%)	4 (2%)	5	26
55	m9	186/188 (99%)	154 (83%)	28 (15%)	4 (2%)	5	26
56	N0	170/172 (99%)	151 (89%)	13 (8%)	6 (4%)	3	18
56	n0	170/172 (99%)	157 (92%)	11 (6%)	2 (1%)	10	37
57	N1	157/159 (99%)	134 (85%)	16 (10%)	7 (4%)	2	13

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Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
57	n1	157/159 (99%)	128 (82%)	23 (15%)	6 (4%)	2	16
58	N2	98/120 (82%)	74 (76%)	16 (16%)	8 (8%)	0	5
58	n2	96/120 (80%)	79 (82%)	11 (12%)	6 (6%)	1	8
59	N3	134/136 (98%)	119 (89%)	12 (9%)	3 (2%)	5	26
59	n3	134/136 (98%)	124 (92%)	9 (7%)	1 (1%)	18	49
60	N4	96/155 (62%)	69 (72%)	19 (20%)	8 (8%)	0	5
60	n4	133/155 (86%)	108 (81%)	14 (10%)	11 (8%)	0	5
61	N5	119/141 (84%)	107 (90%)	11 (9%)	1 (1%)	16	45
61	n5	118/141 (84%)	92 (78%)	17 (14%)	9 (8%)	1	6
62	N6	124/126 (98%)	107 (86%)	13 (10%)	4 (3%)	3	19
62	n6	124/126 (98%)	109 (88%)	11 (9%)	4 (3%)	3	19
63	N7	133/135 (98%)	105 (79%)	20 (15%)	8 (6%)	1	9
63	n7	133/135 (98%)	99 (74%)	24 (18%)	10 (8%)	1	6
64	N8	146/148 (99%)	112 (77%)	25 (17%)	9 (6%)	1	9
64	n8	146/148 (99%)	114 (78%)	24 (16%)	8 (6%)	1	10
65	N9	56/58 (97%)	48 (86%)	7 (12%)	1 (2%)	6	29
65	n9	56/58 (97%)	36 (64%)	14 (25%)	6 (11%)	0	2
66	O0	95/104 (91%)	81 (85%)	12 (13%)	2 (2%)	5	26
66	o0	98/104 (94%)	90 (92%)	7 (7%)	1 (1%)	12	40
67	O1	107/112 (96%)	92 (86%)	8 (8%)	7 (6%)	1	8
67	o1	107/112 (96%)	83 (78%)	12 (11%)	12 (11%)	0	2
68	O2	125/129 (97%)	109 (87%)	12 (10%)	4 (3%)	3	19
68	o2	125/129 (97%)	101 (81%)	17 (14%)	7 (6%)	1	9
69	O3	104/106 (98%)	88 (85%)	14 (14%)	2 (2%)	6	28
69	o3	104/106 (98%)	90 (86%)	10 (10%)	4 (4%)	2	16
70	O4	110/119 (92%)	87 (79%)	19 (17%)	4 (4%)	2	17
70	o4	110/119 (92%)	93 (84%)	13 (12%)	4 (4%)	2	17
71	O5	117/119 (98%)	97 (83%)	16 (14%)	4 (3%)	3	18
71	o5	117/119 (98%)	93 (80%)	20 (17%)	4 (3%)	3	18
72	O6	97/99 (98%)	80 (82%)	9 (9%)	8 (8%)	0	5
72	o6	97/99 (98%)	77 (79%)	12 (12%)	8 (8%)	0	5

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Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
73	O7	85/87 (98%)	69 (81%)	15 (18%)	1 (1%)	10	37
73	o7	85/87 (98%)	67 (79%)	15 (18%)	3 (4%)	3	18
74	O8	75/77 (97%)	60 (80%)	12 (16%)	3 (4%)	2	15
74	o8	75/77 (97%)	62 (83%)	9 (12%)	4 (5%)	1	10
75	O9	48/50 (96%)	38 (79%)	8 (17%)	2 (4%)	2	14
75	o9	48/50 (96%)	40 (83%)	8 (17%)	0	100	100
76	Q0	50/52 (96%)	45 (90%)	3 (6%)	2 (4%)	2	15
76	q0	50/52 (96%)	43 (86%)	5 (10%)	2 (4%)	2	15
77	Q1	23/25 (92%)	21 (91%)	2 (9%)	0	100	100
77	q1	23/25 (92%)	19 (83%)	2 (9%)	2 (9%)	0	4
78	Q2	103/105 (98%)	72 (70%)	23 (22%)	8 (8%)	1	5
78	q2	103/105 (98%)	93 (90%)	8 (8%)	2 (2%)	6	28
79	Q3	89/91 (98%)	76 (85%)	8 (9%)	5 (6%)	1	9
79	q3	89/91 (98%)	75 (84%)	10 (11%)	4 (4%)	2	13
80	e0	60/62 (97%)	44 (73%)	12 (20%)	4 (7%)	1	7
82	p0	139/311 (45%)	119 (86%)	14 (10%)	6 (4%)	2	14
All	All	22333/24141 (92%)	17773 (80%)	3160 (14%)	1400 (6%)	1	8

5 of 1400 Ramachandran outliers are listed below:

Mol	Chain	Res	Type
2	S0	4	PRO
2	S0	39	ASN
2	S0	66	ALA
2	S0	102	PHE
2	S0	103	THR

5.3.2 Protein sidechains ⓘ

In the following table, the Percentiles column shows the percent sidechain outliers of the chain as a percentile score with respect to all X-ray entries followed by that with respect to entries of similar resolution.

The Analysed column shows the number of residues for which the sidechain conformation was analysed, and the total number of residues.

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
2	S0	164/209 (78%)	133 (81%)	31 (19%)	1	7
2	s0	165/209 (79%)	122 (74%)	43 (26%)	0	2
3	S1	191/223 (86%)	148 (78%)	43 (22%)	1	5
3	s1	192/223 (86%)	146 (76%)	46 (24%)	1	3
4	S2	176/204 (86%)	130 (74%)	46 (26%)	0	2
4	s2	176/204 (86%)	126 (72%)	50 (28%)	0	2
5	S3	182/194 (94%)	133 (73%)	49 (27%)	0	2
5	s3	182/194 (94%)	139 (76%)	43 (24%)	1	4
6	S4	221/221 (100%)	175 (79%)	46 (21%)	1	6
6	s4	221/221 (100%)	177 (80%)	44 (20%)	1	6
7	S5	173/190 (91%)	142 (82%)	31 (18%)	2	8
7	s5	173/190 (91%)	136 (79%)	37 (21%)	1	5
8	S6	188/201 (94%)	154 (82%)	34 (18%)	2	8
8	s6	187/201 (93%)	151 (81%)	36 (19%)	1	6
9	S7	165/169 (98%)	126 (76%)	39 (24%)	1	4
9	s7	165/169 (98%)	123 (74%)	42 (26%)	0	3
10	S8	150/161 (93%)	113 (75%)	37 (25%)	1	3
10	s8	150/161 (93%)	120 (80%)	30 (20%)	1	6
11	S9	158/165 (96%)	121 (77%)	37 (23%)	1	4
11	s9	158/165 (96%)	119 (75%)	39 (25%)	1	3
12	C0	77/98 (79%)	63 (82%)	14 (18%)	2	8
12	c0	73/98 (74%)	62 (85%)	11 (15%)	3	13
13	C1	129/136 (95%)	107 (83%)	22 (17%)	2	10
13	c1	129/136 (95%)	103 (80%)	26 (20%)	1	6
14	C2	88/118 (75%)	65 (74%)	23 (26%)	0	2
14	c2	88/118 (75%)	68 (77%)	20 (23%)	1	4
15	C3	127/127 (100%)	100 (79%)	27 (21%)	1	5
15	c3	127/127 (100%)	95 (75%)	32 (25%)	0	3
16	C4	81/104 (78%)	61 (75%)	20 (25%)	1	3
16	c4	97/104 (93%)	70 (72%)	27 (28%)	0	2
17	C5	101/117 (86%)	81 (80%)	20 (20%)	1	6
17	c5	103/117 (88%)	86 (84%)	17 (16%)	2	11

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Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
18	C6	117/118 (99%)	87 (74%)	30 (26%)	0	2
18	c6	118/118 (100%)	87 (74%)	31 (26%)	0	2
19	C7	94/124 (76%)	70 (74%)	24 (26%)	0	3
19	c7	92/124 (74%)	73 (79%)	19 (21%)	1	6
20	C8	128/128 (100%)	100 (78%)	28 (22%)	1	5
20	c8	128/128 (100%)	98 (77%)	30 (23%)	1	4
21	C9	115/115 (100%)	88 (76%)	27 (24%)	1	4
21	c9	115/115 (100%)	94 (82%)	21 (18%)	2	7
22	D0	100/113 (88%)	79 (79%)	21 (21%)	1	5
22	d0	103/113 (91%)	75 (73%)	28 (27%)	0	2
23	D1	74/74 (100%)	53 (72%)	21 (28%)	0	2
23	d1	74/74 (100%)	52 (70%)	22 (30%)	0	1
24	D2	110/110 (100%)	88 (80%)	22 (20%)	1	6
24	d2	110/110 (100%)	95 (86%)	15 (14%)	3	16
25	D3	119/119 (100%)	88 (74%)	31 (26%)	0	2
25	d3	119/119 (100%)	92 (77%)	27 (23%)	1	4
26	D4	112/112 (100%)	86 (77%)	26 (23%)	1	4
26	d4	112/112 (100%)	90 (80%)	22 (20%)	1	6
27	D5	61/88 (69%)	44 (72%)	17 (28%)	0	2
27	d5	61/88 (69%)	48 (79%)	13 (21%)	1	5
28	D6	83/83 (100%)	59 (71%)	24 (29%)	0	2
28	d6	83/83 (100%)	60 (72%)	23 (28%)	0	2
29	D7	70/70 (100%)	58 (83%)	12 (17%)	2	10
29	d7	70/70 (100%)	60 (86%)	10 (14%)	3	14
30	D8	56/59 (95%)	40 (71%)	16 (29%)	0	2
30	d8	56/59 (95%)	41 (73%)	15 (27%)	0	2
31	D9	47/48 (98%)	40 (85%)	7 (15%)	3	13
31	d9	47/48 (98%)	36 (77%)	11 (23%)	1	4
32	E0	51/51 (100%)	43 (84%)	8 (16%)	2	12
33	E1	62/66 (94%)	40 (64%)	22 (36%)	0	1
33	e1	66/66 (100%)	50 (76%)	16 (24%)	1	3

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Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
34	SR	260/261 (100%)	224 (86%)	36 (14%)	3	15
34	sR	260/261 (100%)	218 (84%)	42 (16%)	2	11
35	SM	97/228 (42%)	74 (76%)	23 (24%)	1	4
35	sM	54/228 (24%)	42 (78%)	12 (22%)	1	5
39	L2	193/195 (99%)	149 (77%)	44 (23%)	1	4
39	l2	192/195 (98%)	146 (76%)	46 (24%)	1	3
40	L3	321/322 (100%)	241 (75%)	80 (25%)	0	3
40	l3	320/322 (99%)	251 (78%)	69 (22%)	1	5
41	L4	288/288 (100%)	217 (75%)	71 (25%)	1	3
41	l4	288/288 (100%)	208 (72%)	80 (28%)	0	2
42	L5	244/244 (100%)	199 (82%)	45 (18%)	1	7
42	l5	243/244 (100%)	189 (78%)	54 (22%)	1	5
43	L6	134/152 (88%)	111 (83%)	23 (17%)	2	10
43	l6	135/152 (89%)	110 (82%)	25 (18%)	1	7
44	L7	186/204 (91%)	156 (84%)	30 (16%)	2	12
44	l7	187/204 (92%)	148 (79%)	39 (21%)	1	5
45	L8	187/207 (90%)	143 (76%)	44 (24%)	1	4
45	l8	177/207 (86%)	140 (79%)	37 (21%)	1	5
46	L9	171/171 (100%)	133 (78%)	38 (22%)	1	5
46	l9	171/171 (100%)	121 (71%)	50 (29%)	0	2
47	M0	177/186 (95%)	138 (78%)	39 (22%)	1	5
47	m0	179/186 (96%)	136 (76%)	43 (24%)	1	3
48	M1	147/150 (98%)	109 (74%)	38 (26%)	0	2
48	m1	147/150 (98%)	106 (72%)	41 (28%)	0	2
49	M3	154/158 (98%)	125 (81%)	29 (19%)	1	7
49	m3	154/158 (98%)	123 (80%)	31 (20%)	1	6
50	M4	107/108 (99%)	88 (82%)	19 (18%)	2	8
50	m4	108/108 (100%)	85 (79%)	23 (21%)	1	5
51	M5	175/175 (100%)	135 (77%)	40 (23%)	1	4
51	m5	175/175 (100%)	137 (78%)	38 (22%)	1	5
52	M6	160/161 (99%)	125 (78%)	35 (22%)	1	5

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Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
52	m6	160/161 (99%)	118 (74%)	42 (26%)	0	2
53	M7	140/145 (97%)	105 (75%)	35 (25%)	0	3
53	m7	125/145 (86%)	94 (75%)	31 (25%)	1	3
54	M8	150/150 (100%)	126 (84%)	24 (16%)	2	11
54	m8	150/150 (100%)	116 (77%)	34 (23%)	1	4
55	M9	153/153 (100%)	112 (73%)	41 (27%)	0	2
55	m9	153/153 (100%)	116 (76%)	37 (24%)	1	3
56	N0	156/156 (100%)	124 (80%)	32 (20%)	1	6
56	n0	156/156 (100%)	119 (76%)	37 (24%)	1	4
57	N1	136/136 (100%)	101 (74%)	35 (26%)	0	2
57	n1	136/136 (100%)	101 (74%)	35 (26%)	0	2
58	N2	87/106 (82%)	77 (88%)	10 (12%)	5	21
58	n2	85/106 (80%)	68 (80%)	17 (20%)	1	6
59	N3	104/104 (100%)	81 (78%)	23 (22%)	1	5
59	n3	104/104 (100%)	85 (82%)	19 (18%)	2	7
60	N4	57/129 (44%)	50 (88%)	7 (12%)	4	19
60	n4	100/129 (78%)	80 (80%)	20 (20%)	1	6
61	N5	104/117 (89%)	75 (72%)	29 (28%)	0	2
61	n5	104/117 (89%)	83 (80%)	21 (20%)	1	6
62	N6	109/109 (100%)	84 (77%)	25 (23%)	1	4
62	n6	109/109 (100%)	79 (72%)	30 (28%)	0	2
63	N7	115/115 (100%)	87 (76%)	28 (24%)	1	3
63	n7	115/115 (100%)	84 (73%)	31 (27%)	0	2
64	N8	118/118 (100%)	95 (80%)	23 (20%)	1	6
64	n8	118/118 (100%)	88 (75%)	30 (25%)	0	3
65	N9	46/46 (100%)	36 (78%)	10 (22%)	1	5
65	n9	46/46 (100%)	35 (76%)	11 (24%)	1	4
66	O0	81/87 (93%)	60 (74%)	21 (26%)	0	2
66	o0	84/87 (97%)	64 (76%)	20 (24%)	1	4
67	O1	92/96 (96%)	71 (77%)	21 (23%)	1	4
67	o1	94/96 (98%)	62 (66%)	32 (34%)	0	1

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Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
68	O2	109/110 (99%)	86 (79%)	23 (21%)	1	5
68	o2	109/110 (99%)	80 (73%)	29 (27%)	0	2
69	O3	90/90 (100%)	72 (80%)	18 (20%)	1	6
69	o3	90/90 (100%)	67 (74%)	23 (26%)	0	2
70	O4	95/101 (94%)	72 (76%)	23 (24%)	1	3
70	o4	95/101 (94%)	70 (74%)	25 (26%)	0	2
71	O5	104/104 (100%)	81 (78%)	23 (22%)	1	5
71	o5	103/104 (99%)	82 (80%)	21 (20%)	1	6
72	O6	81/81 (100%)	56 (69%)	25 (31%)	0	1
72	o6	80/81 (99%)	58 (72%)	22 (28%)	0	2
73	O7	70/70 (100%)	55 (79%)	15 (21%)	1	5
73	o7	70/70 (100%)	57 (81%)	13 (19%)	1	7
74	O8	68/68 (100%)	50 (74%)	18 (26%)	0	2
74	o8	67/68 (98%)	46 (69%)	21 (31%)	0	1
75	O9	45/45 (100%)	34 (76%)	11 (24%)	1	3
75	o9	45/45 (100%)	35 (78%)	10 (22%)	1	5
76	Q0	47/47 (100%)	40 (85%)	7 (15%)	3	13
76	q0	47/47 (100%)	29 (62%)	18 (38%)	0	0
77	Q1	23/23 (100%)	16 (70%)	7 (30%)	0	1
77	q1	23/23 (100%)	14 (61%)	9 (39%)	0	0
78	Q2	90/90 (100%)	66 (73%)	24 (27%)	0	2
78	q2	90/90 (100%)	71 (79%)	19 (21%)	1	5
79	Q3	71/71 (100%)	57 (80%)	14 (20%)	1	6
79	q3	71/71 (100%)	52 (73%)	19 (27%)	0	2
80	e0	53/53 (100%)	38 (72%)	15 (28%)	0	2
82	p0	105/253 (42%)	81 (77%)	24 (23%)	1	4
All	All	18729/20239 (92%)	14477 (77%)	4252 (23%)	1	4

5 of 4252 residues with a non-rotameric sidechain are listed below:

Mol	Chain	Res	Type
56	n0	45	LEU
60	n4	89	LEU

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Mol	Chain	Res	Type
56	n0	19	VAL
75	o9	47	THR
55	M9	28	GLU

Sometimes sidechains can be flipped to improve hydrogen bonding and reduce clashes. 5 of 206 such sidechains are listed below:

Mol	Chain	Res	Type
8	s6	197	ASN
31	d9	37	ASN
73	o7	57	HIS
11	s9	74	ASN
19	c7	74	GLN

5.3.3 RNA ⓘ

Mol	Chain	Analysed	Backbone Outliers	Pucker Outliers
1	2	1747/1800 (97%)	513 (29%)	56 (3%)
1	6	1793/1800 (99%)	498 (27%)	50 (2%)
36	1	3145/3396 (92%)	756 (24%)	83 (2%)
36	5	3145/3396 (92%)	751 (23%)	85 (2%)
37	3	120/121 (99%)	19 (15%)	3 (2%)
37	7	120/121 (99%)	23 (19%)	3 (2%)
38	4	157/158 (99%)	46 (29%)	4 (2%)
38	8	157/158 (99%)	42 (26%)	2 (1%)
All	All	10384/10950 (94%)	2648 (25%)	286 (2%)

5 of 2648 RNA backbone outliers are listed below:

Mol	Chain	Res	Type
1	2	2	A
1	2	4	C
1	2	20	G
1	2	21	U
1	2	25	C

5 of 286 RNA pucker outliers are listed below:

Mol	Chain	Res	Type
36	5	1554	U
36	5	1819	U

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Mol	Chain	Res	Type
36	5	2772	C
36	1	1841	A
36	1	1815	U

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

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

5.5 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

5.6 Ligand geometry [i](#)

Of 2554 ligands modelled in this entry, 1422 are monoatomic - leaving 1132 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	$\# Z > 2$
86	OHX	5	3941	-	0,6,6	-	-	-		
86	OHX	5	4082	-	0,6,6	-	-	-		
86	OHX	5	4069	-	0,6,6	-	-	-		
86	OHX	5	3986	-	0,6,6	-	-	-		
86	OHX	1	4095	-	0,6,6	-	-	-		
86	OHX	5	4137	-	0,6,6	-	-	-		
86	OHX	5	4132	-	0,6,6	-	-	-		
86	OHX	1	3960	-	0,6,6	-	-	-		
86	OHX	8	226	-	0,6,6	-	-	-		
86	OHX	1	4119	-	0,6,6	-	-	-		
86	OHX	1	4131	-	0,6,6	-	-	-		
86	OHX	5	3948	-	0,6,6	-	-	-		
86	OHX	2	2125	-	0,6,6	-	-	-		
86	OHX	1	3901	-	0,6,6	-	-	-		
86	OHX	5	4092	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	1	4006	-	0,6,6	-	-	-		
86	OHX	d9	102	-	0,6,6	-	-	-		
86	OHX	5	3893	-	0,6,6	-	-	-		
86	OHX	1	4211	-	0,6,6	-	-	-		
86	OHX	5	4068	-	0,6,6	-	-	-		
86	OHX	5	4133	-	0,6,6	-	-	-		
86	OHX	6	2187	-	0,6,6	-	-	-		
86	OHX	2	2097	-	0,6,6	-	-	-		
86	OHX	6	2143	-	0,6,6	-	-	-		
86	OHX	6	2123	-	0,6,6	-	-	-		
86	OHX	5	4165	-	0,6,6	-	-	-		
86	OHX	6	2179	-	0,6,6	-	-	-		
86	OHX	5	4222	-	0,6,6	-	-	-		
86	OHX	5	4100	-	0,6,6	-	-	-		
86	OHX	5	4040	-	0,6,6	-	-	-		
86	OHX	2	2132	-	0,6,6	-	-	-		
86	OHX	5	4059	-	0,6,6	-	-	-		
86	OHX	1	3909	-	0,6,6	-	-	-		
86	OHX	5	3956	-	0,6,6	-	-	-		
86	OHX	2	2077	-	0,6,6	-	-	-		
86	OHX	2	2144	-	0,6,6	-	-	-		
86	OHX	1	4081	-	0,6,6	-	-	-		
86	OHX	2	2080	-	0,6,6	-	-	-		
86	OHX	6	2108	-	0,6,6	-	-	-		
86	OHX	1	4097	-	0,6,6	-	-	-		
86	OHX	4	229	-	0,6,6	-	-	-		
86	OHX	5	4192	-	0,6,6	-	-	-		
86	OHX	6	2139	-	0,6,6	-	-	-		
86	OHX	2	2178	-	0,6,6	-	-	-		
86	OHX	1	4087	-	0,6,6	-	-	-		
86	OHX	6	2196	-	0,6,6	-	-	-		
86	OHX	5	4241	-	0,6,6	-	-	-		
86	OHX	2	2063	-	0,6,6	-	-	-		
86	OHX	1	4067	-	0,6,6	-	-	-		
86	OHX	5	4157	-	0,6,6	-	-	-		
86	OHX	1	3959	-	0,6,6	-	-	-		
86	OHX	1	3990	-	0,6,6	-	-	-		
86	OHX	5	4026	-	0,6,6	-	-	-		
86	OHX	2	2078	-	0,6,6	-	-	-		
86	OHX	1	3873	-	0,6,6	-	-	-		
86	OHX	2	2104	-	0,6,6	-	-	-		
86	OHX	2	2049	-	0,6,6	-	-	-		
86	OHX	6	2045	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	6	2203	-	0,6,6	-	-	-		
86	OHX	5	3904	-	0,6,6	-	-	-		
86	OHX	6	2052	-	0,6,6	-	-	-		
86	OHX	2	2129	-	0,6,6	-	-	-		
86	OHX	2	2145	-	0,6,6	-	-	-		
86	OHX	6	2072	-	0,6,6	-	-	-		
86	OHX	6	2079	-	0,6,6	-	-	-		
86	OHX	1	4089	-	0,6,6	-	-	-		
86	OHX	2	2120	-	0,6,6	-	-	-		
86	OHX	2	2053	-	0,6,6	-	-	-		
86	OHX	5	4180	-	0,6,6	-	-	-		
86	OHX	5	3999	-	0,6,6	-	-	-		
86	OHX	1	4166	-	0,6,6	-	-	-		
86	OHX	5	4214	-	0,6,6	-	-	-		
86	OHX	3	218	-	0,6,6	-	-	-		
86	OHX	2	2043	-	0,6,6	-	-	-		
86	OHX	5	4240	-	0,6,6	-	-	-		
86	OHX	1	3947	-	0,6,6	-	-	-		
86	OHX	6	2164	-	0,6,6	-	-	-		
86	OHX	q2	502	-	0,6,6	-	-	-		
86	OHX	8	216	-	0,6,6	-	-	-		
86	OHX	5	4219	-	0,6,6	-	-	-		
86	OHX	5	4245	-	0,6,6	-	-	-		
86	OHX	5	3978	-	0,6,6	-	-	-		
86	OHX	6	2116	-	0,6,6	-	-	-		
86	OHX	5	4129	-	0,6,6	-	-	-		
86	OHX	5	3921	-	0,6,6	-	-	-		
86	OHX	5	4139	-	0,6,6	-	-	-		
86	OHX	1	4090	-	0,6,6	-	-	-		
86	OHX	6	2098	-	0,6,6	-	-	-		
86	OHX	5	3984	-	0,6,6	-	-	-		
86	OHX	5	4019	-	0,6,6	-	-	-		
86	OHX	5	4125	-	0,6,6	-	-	-		
86	OHX	2	2065	-	0,6,6	-	-	-		
86	OHX	2	2106	-	0,6,6	-	-	-		
86	OHX	5	4134	-	0,6,6	-	-	-		
86	OHX	S6	301	-	0,6,6	-	-	-		
86	OHX	5	4108	-	0,6,6	-	-	-		
86	OHX	1	4084	-	0,6,6	-	-	-		
86	OHX	1	3905	-	0,6,6	-	-	-		
86	OHX	5	4130	-	0,6,6	-	-	-		
86	OHX	1	3993	-	0,6,6	-	-	-		
86	OHX	6	2193	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	2	2023	-	0,6,6	-	-	-		
86	OHX	s8	303	-	0,6,6	-	-	-		
86	OHX	2	2148	-	0,6,6	-	-	-		
86	OHX	1	4007	-	0,6,6	-	-	-		
86	OHX	19	202	-	0,6,6	-	-	-		
86	OHX	5	3957	-	0,6,6	-	-	-		
86	OHX	5	3965	-	0,6,6	-	-	-		
86	OHX	6	2101	-	0,6,6	-	-	-		
86	OHX	sR	401	-	0,6,6	-	-	-		
86	OHX	4	227	-	0,6,6	-	-	-		
86	OHX	1	4065	-	0,6,6	-	-	-		
86	OHX	2	2119	-	0,6,6	-	-	-		
86	OHX	1	4205	-	0,6,6	-	-	-		
86	OHX	3	219	-	0,6,6	-	-	-		
86	OHX	5	4015	-	0,6,6	-	-	-		
86	OHX	1	4111	-	0,6,6	-	-	-		
86	OHX	2	2033	-	0,6,6	-	-	-		
86	OHX	1	3978	-	0,6,6	-	-	-		
86	OHX	5	3927	-	0,6,6	-	-	-		
86	OHX	5	4161	-	0,6,6	-	-	-		
86	OHX	1	4192	-	0,6,6	-	-	-		
86	OHX	5	4211	-	0,6,6	-	-	-		
86	OHX	1	4163	-	0,6,6	-	-	-		
86	OHX	1	3981	-	0,6,6	-	-	-		
86	OHX	5	3960	-	0,6,6	-	-	-		
86	OHX	1	3888	-	0,6,6	-	-	-		
86	OHX	1	3970	-	0,6,6	-	-	-		
86	OHX	2	2101	-	0,6,6	-	-	-		
86	OHX	5	4053	-	0,6,6	-	-	-		
86	OHX	5	4199	-	0,6,6	-	-	-		
86	OHX	6	2050	-	0,6,6	-	-	-		
86	OHX	1	3875	-	0,6,6	-	-	-		
86	OHX	1	4134	-	0,6,6	-	-	-		
86	OHX	1	3891	-	0,6,6	-	-	-		
86	OHX	1	4171	-	0,6,6	-	-	-		
86	OHX	5	3930	-	0,6,6	-	-	-		
86	OHX	5	4152	-	0,6,6	-	-	-		
86	OHX	1	4072	-	0,6,6	-	-	-		
86	OHX	6	2094	-	0,6,6	-	-	-		
86	OHX	1	4051	-	0,6,6	-	-	-		
86	OHX	5	4058	-	0,6,6	-	-	-		
86	OHX	1	3951	-	0,6,6	-	-	-		
86	OHX	6	2197	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	5	4122	-	0,6,6	-	-	-		
86	OHX	5	4032	-	0,6,6	-	-	-		
86	OHX	1	4080	-	0,6,6	-	-	-		
86	OHX	1	3896	-	0,6,6	-	-	-		
86	OHX	5	3949	-	0,6,6	-	-	-		
86	OHX	S8	302	-	0,6,6	-	-	-		
86	OHX	1	3940	-	0,6,6	-	-	-		
86	OHX	5	4107	-	0,6,6	-	-	-		
86	OHX	1	4129	-	0,6,6	-	-	-		
86	OHX	3	215	-	0,6,6	-	-	-		
86	OHX	5	3953	-	0,6,6	-	-	-		
86	OHX	6	2174	-	0,6,6	-	-	-		
86	OHX	6	2188	-	0,6,6	-	-	-		
86	OHX	1	3915	-	0,6,6	-	-	-		
86	OHX	1	3877	-	0,6,6	-	-	-		
86	OHX	2	2150	-	0,6,6	-	-	-		
86	OHX	5	3991	-	0,6,6	-	-	-		
86	OHX	5	4031	-	0,6,6	-	-	-		
86	OHX	1	4073	-	0,6,6	-	-	-		
86	OHX	1	3912	-	0,6,6	-	-	-		
86	OHX	6	2202	-	0,6,6	-	-	-		
86	OHX	o7	502	-	0,6,6	-	-	-		
86	OHX	5	4055	-	0,6,6	-	-	-		
86	OHX	1	4114	-	0,6,6	-	-	-		
86	OHX	2	2045	-	0,6,6	-	-	-		
86	OHX	1	4078	-	0,6,6	-	-	-		
86	OHX	6	2146	-	0,6,6	-	-	-		
86	OHX	4	234	-	0,6,6	-	-	-		
86	OHX	1	3932	-	0,6,6	-	-	-		
86	OHX	L4	403	-	0,6,6	-	-	-		
86	OHX	7	226	-	0,6,6	-	-	-		
86	OHX	2	2041	-	0,6,6	-	-	-		
86	OHX	5	4017	-	0,6,6	-	-	-		
86	OHX	6	2180	-	0,6,6	-	-	-		
86	OHX	2	2137	-	0,6,6	-	-	-		
86	OHX	1	3974	-	0,6,6	-	-	-		
86	OHX	2	2090	-	0,6,6	-	-	-		
86	OHX	1	4197	-	0,6,6	-	-	-		
86	OHX	6	2145	-	0,6,6	-	-	-		
86	OHX	6	2060	-	0,6,6	-	-	-		
86	OHX	6	2156	-	0,6,6	-	-	-		
86	OHX	5	3958	-	0,6,6	-	-	-		
86	OHX	5	4177	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	2	2123	-	0,6,6	-	-	-		
86	OHX	1	3982	-	0,6,6	-	-	-		
86	OHX	1	4207	-	0,6,6	-	-	-		
86	OHX	5	4081	-	0,6,6	-	-	-		
86	OHX	5	4065	-	0,6,6	-	-	-		
86	OHX	M9	203	-	0,6,6	-	-	-		
86	OHX	1	3881	-	0,6,6	-	-	-		
86	OHX	1	4005	-	0,6,6	-	-	-		
86	OHX	1	4058	-	0,6,6	-	-	-		
86	OHX	1	3987	-	0,6,6	-	-	-		
86	OHX	2	2126	-	0,6,6	-	-	-		
86	OHX	5	4037	-	0,6,6	-	-	-		
86	OHX	1	3983	-	0,6,6	-	-	-		
86	OHX	6	2109	-	0,6,6	-	-	-		
86	OHX	5	3931	-	0,6,6	-	-	-		
86	OHX	4	223	-	0,6,6	-	-	-		
86	OHX	6	2158	-	0,6,6	-	-	-		
86	OHX	1	3944	-	0,6,6	-	-	-		
86	OHX	1	3907	-	0,6,6	-	-	-		
86	OHX	1	4138	-	0,6,6	-	-	-		
86	OHX	2	2071	-	0,6,6	-	-	-		
86	OHX	5	4090	-	0,6,6	-	-	-		
86	OHX	5	4110	-	0,6,6	-	-	-		
86	OHX	5	4220	-	0,6,6	-	-	-		
86	OHX	1	3948	-	0,6,6	-	-	-		
86	OHX	1	4042	-	0,6,6	-	-	-		
86	OHX	2	2151	-	0,6,6	-	-	-		
86	OHX	4	236	-	0,6,6	-	-	-		
86	OHX	5	4123	-	0,6,6	-	-	-		
86	OHX	5	3989	-	0,6,6	-	-	-		
86	OHX	5	4228	-	0,6,6	-	-	-		
86	OHX	8	229	-	0,6,6	-	-	-		
86	OHX	7	224	-	0,6,6	-	-	-		
86	OHX	2	2075	-	0,6,6	-	-	-		
86	OHX	1	3874	-	0,6,6	-	-	-		
86	OHX	5	3934	-	0,6,6	-	-	-		
86	OHX	6	2147	-	0,6,6	-	-	-		
86	OHX	m6	203	-	0,6,6	-	-	-		
86	OHX	5	4061	-	0,6,6	-	-	-		
86	OHX	5	4231	-	0,6,6	-	-	-		
86	OHX	5	4206	-	0,6,6	-	-	-		
86	OHX	1	3903	-	0,6,6	-	-	-		
86	OHX	5	4023	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	5	4191	-	0,6,6	-	-	-		
86	OHX	1	4121	-	0,6,6	-	-	-		
86	OHX	1	4137	-	0,6,6	-	-	-		
86	OHX	1	3989	-	0,6,6	-	-	-		
86	OHX	5	4025	-	0,6,6	-	-	-		
86	OHX	6	2129	-	0,6,6	-	-	-		
86	OHX	6	2134	-	0,6,6	-	-	-		
86	OHX	1	4170	-	0,6,6	-	-	-		
86	OHX	5	4138	-	0,6,6	-	-	-		
86	OHX	2	2147	-	0,6,6	-	-	-		
86	OHX	2	2028	-	0,6,6	-	-	-		
86	OHX	6	2095	-	0,6,6	-	-	-		
86	OHX	5	4086	-	0,6,6	-	-	-		
86	OHX	1	4001	-	0,6,6	-	-	-		
86	OHX	2	2027	-	0,6,6	-	-	-		
86	OHX	5	4126	-	0,6,6	-	-	-		
86	OHX	1	4091	-	0,6,6	-	-	-		
86	OHX	6	2087	-	0,6,6	-	-	-		
86	OHX	5	3897	-	0,6,6	-	-	-		
86	OHX	1	4169	-	0,6,6	-	-	-		
86	OHX	4	233	-	0,6,6	-	-	-		
86	OHX	1	4150	-	0,6,6	-	-	-		
86	OHX	6	2066	-	0,6,6	-	-	-		
86	OHX	1	3995	-	0,6,6	-	-	-		
86	OHX	5	3933	-	0,6,6	-	-	-		
86	OHX	5	4046	-	0,6,6	-	-	-		
86	OHX	5	4094	-	0,6,6	-	-	-		
86	OHX	1	3904	-	0,6,6	-	-	-		
86	OHX	6	2155	-	0,6,6	-	-	-		
86	OHX	1	4109	-	0,6,6	-	-	-		
86	OHX	6	2118	-	0,6,6	-	-	-		
86	OHX	5	3898	-	0,6,6	-	-	-		
86	OHX	4	221	-	0,6,6	-	-	-		
86	OHX	n3	204	-	0,6,6	-	-	-		
86	OHX	5	4020	-	0,6,6	-	-	-		
86	OHX	1	4010	-	0,6,6	-	-	-		
86	OHX	1	3924	-	0,6,6	-	-	-		
86	OHX	5	4043	-	0,6,6	-	-	-		
86	OHX	5	3997	-	0,6,6	-	-	-		
86	OHX	5	4060	-	0,6,6	-	-	-		
86	OHX	2	2092	-	0,6,6	-	-	-		
86	OHX	5	3964	-	0,6,6	-	-	-		
86	OHX	5	4011	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	1	3867	-	0,6,6	-	-	-		
86	OHX	6	2085	-	0,6,6	-	-	-		
86	OHX	2	2155	-	0,6,6	-	-	-		
86	OHX	1	4209	-	0,6,6	-	-	-		
86	OHX	5	4102	-	0,6,6	-	-	-		
86	OHX	O3	202	-	0,6,6	-	-	-		
86	OHX	1	4107	-	0,6,6	-	-	-		
86	OHX	6	2081	-	0,6,6	-	-	-		
86	OHX	5	4116	-	0,6,6	-	-	-		
86	OHX	1	4092	-	0,6,6	-	-	-		
86	OHX	1	3977	-	0,6,6	-	-	-		
86	OHX	1	4048	-	0,6,6	-	-	-		
86	OHX	1	4191	-	0,6,6	-	-	-		
86	OHX	5	4054	-	0,6,6	-	-	-		
86	OHX	7	225	-	0,6,6	-	-	-		
86	OHX	6	2138	-	0,6,6	-	-	-		
86	OHX	O4	201	-	0,6,6	-	-	-		
86	OHX	5	4093	-	0,6,6	-	-	-		
86	OHX	5	4096	-	0,6,6	-	-	-		
86	OHX	5	4193	-	0,6,6	-	-	-		
86	OHX	1	4031	-	0,6,6	-	-	-		
86	OHX	1	3965	-	0,6,6	-	-	-		
86	OHX	5	4085	-	0,6,6	-	-	-		
86	OHX	5	4183	-	0,6,6	-	-	-		
86	OHX	5	4201	-	0,6,6	-	-	-		
86	OHX	6	2170	-	0,6,6	-	-	-		
86	OHX	d4	201	-	0,6,6	-	-	-		
86	OHX	2	2025	-	0,6,6	-	-	-		
86	OHX	2	2099	-	0,6,6	-	-	-		
86	OHX	1	4190	-	0,6,6	-	-	-		
86	OHX	5	3952	-	0,6,6	-	-	-		
86	OHX	5	4167	-	0,6,6	-	-	-		
86	OHX	1	4015	-	0,6,6	-	-	-		
86	OHX	6	2137	-	0,6,6	-	-	-		
86	OHX	6	2069	-	0,6,6	-	-	-		
86	OHX	6	2107	-	0,6,6	-	-	-		
86	OHX	2	2111	-	0,6,6	-	-	-		
86	OHX	5	4074	-	0,6,6	-	-	-		
86	OHX	1	4033	-	0,6,6	-	-	-		
86	OHX	1	3886	-	0,6,6	-	-	-		
86	OHX	5	4127	-	0,6,6	-	-	-		
86	OHX	1	4021	-	0,6,6	-	-	-		
86	OHX	6	2074	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	2	2134	-	0,6,6	-	-	-		
86	OHX	1	4012	-	0,6,6	-	-	-		
86	OHX	Q2	502	-	0,6,6	-	-	-		
86	OHX	1	4062	-	0,6,6	-	-	-		
86	OHX	6	2150	-	0,6,6	-	-	-		
86	OHX	1	4002	-	0,6,6	-	-	-		
86	OHX	5	4120	-	0,6,6	-	-	-		
86	OHX	1	3885	-	0,6,6	-	-	-		
86	OHX	2	2140	-	0,6,6	-	-	-		
86	OHX	1	4050	-	0,6,6	-	-	-		
86	OHX	5	3979	-	0,6,6	-	-	-		
86	OHX	7	222	-	0,6,6	-	-	-		
86	OHX	5	4028	-	0,6,6	-	-	-		
86	OHX	6	2047	-	0,6,6	-	-	-		
86	OHX	1	3922	-	0,6,6	-	-	-		
88	3J6	1	4213	85	22,24,24	2.28	3 (13%)	27,42,42	2.01	8 (29%)
86	OHX	5	4045	-	0,6,6	-	-	-		
86	OHX	2	2121	-	0,6,6	-	-	-		
86	OHX	1	3930	-	0,6,6	-	-	-		
86	OHX	1	4194	-	0,6,6	-	-	-		
86	OHX	1	3939	-	0,6,6	-	-	-		
86	OHX	1	3997	-	0,6,6	-	-	-		
86	OHX	N9	101	-	0,6,6	-	-	-		
86	OHX	5	4234	-	0,6,6	-	-	-		
86	OHX	1	4098	-	0,6,6	-	-	-		
86	OHX	1	3894	-	0,6,6	-	-	-		
86	OHX	1	4123	-	0,6,6	-	-	-		
86	OHX	2	2112	-	0,6,6	-	-	-		
86	OHX	2	2047	-	0,6,6	-	-	-		
86	OHX	6	2130	-	0,6,6	-	-	-		
86	OHX	1	3976	-	0,6,6	-	-	-		
86	OHX	1	4008	-	0,6,6	-	-	-		
86	OHX	6	2070	-	0,6,6	-	-	-		
86	OHX	5	4151	-	0,6,6	-	-	-		
86	OHX	5	4179	-	0,6,6	-	-	-		
86	OHX	1	3999	-	0,6,6	-	-	-		
86	OHX	2	2100	-	0,6,6	-	-	-		
86	OHX	5	4027	-	0,6,6	-	-	-		
86	OHX	1	4057	-	0,6,6	-	-	-		
86	OHX	7	227	-	0,6,6	-	-	-		
86	OHX	1	4203	-	0,6,6	-	-	-		
86	OHX	5	3939	-	0,6,6	-	-	-		
86	OHX	1	4028	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	15	306	-	0,6,6	-	-	-		
86	OHX	4	232	-	0,6,6	-	-	-		
86	OHX	6	2053	-	0,6,6	-	-	-		
86	OHX	6	2153	-	0,6,6	-	-	-		
86	OHX	5	4216	-	0,6,6	-	-	-		
86	OHX	5	3906	-	0,6,6	-	-	-		
86	OHX	1	3910	-	0,6,6	-	-	-		
86	OHX	1	4165	-	0,6,6	-	-	-		
86	OHX	5	4112	-	0,6,6	-	-	-		
86	OHX	2	2070	-	0,6,6	-	-	-		
86	OHX	5	3973	-	0,6,6	-	-	-		
86	OHX	1	4068	-	0,6,6	-	-	-		
86	OHX	2	2160	-	0,6,6	-	-	-		
86	OHX	5	3925	-	0,6,6	-	-	-		
86	OHX	2	2038	-	0,6,6	-	-	-		
86	OHX	5	4186	-	0,6,6	-	-	-		
86	OHX	6	2183	-	0,6,6	-	-	-		
86	OHX	1	4127	-	0,6,6	-	-	-		
86	OHX	5	4160	-	0,6,6	-	-	-		
86	OHX	5	3912	-	0,6,6	-	-	-		
86	OHX	6	2082	-	0,6,6	-	-	-		
86	OHX	2	2152	-	0,6,6	-	-	-		
86	OHX	1	3972	-	0,6,6	-	-	-		
86	OHX	4	230	-	0,6,6	-	-	-		
86	OHX	5	4148	-	0,6,6	-	-	-		
86	OHX	1	3933	-	0,6,6	-	-	-		
86	OHX	2	2048	-	0,6,6	-	-	-		
86	OHX	1	4145	-	0,6,6	-	-	-		
86	OHX	m5	303	-	0,6,6	-	-	-		
86	OHX	2	2054	-	0,6,6	-	-	-		
86	OHX	5	4117	-	0,6,6	-	-	-		
86	OHX	1	4003	-	0,6,6	-	-	-		
86	OHX	1	4204	-	0,6,6	-	-	-		
86	OHX	1	4027	-	0,6,6	-	-	-		
86	OHX	5	4034	-	0,6,6	-	-	-		
86	OHX	5	4087	-	0,6,6	-	-	-		
86	OHX	6	2073	-	0,6,6	-	-	-		
86	OHX	5	4176	-	0,6,6	-	-	-		
86	OHX	5	3972	-	0,6,6	-	-	-		
86	OHX	2	2031	-	0,6,6	-	-	-		
86	OHX	5	3905	-	0,6,6	-	-	-		
86	OHX	14	403	-	0,6,6	-	-	-		
86	OHX	1	3882	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	5	3895	-	0,6,6	-	-	-		
86	OHX	1	3880	-	0,6,6	-	-	-		
86	OHX	1	3920	-	0,6,6	-	-	-		
86	OHX	5	4135	-	0,6,6	-	-	-		
86	OHX	5	3975	-	0,6,6	-	-	-		
86	OHX	1	3871	-	0,6,6	-	-	-		
86	OHX	5	4178	-	0,6,6	-	-	-		
86	OHX	5	4149	-	0,6,6	-	-	-		
86	OHX	1	3986	-	0,6,6	-	-	-		
86	OHX	6	2115	-	0,6,6	-	-	-		
86	OHX	2	2029	-	0,6,6	-	-	-		
86	OHX	1	4195	-	0,6,6	-	-	-		
86	OHX	6	2064	-	0,6,6	-	-	-		
86	OHX	c5	201	-	0,6,6	-	-	-		
86	OHX	1	4053	-	0,6,6	-	-	-		
86	OHX	5	4226	-	0,6,6	-	-	-		
86	OHX	5	3980	-	0,6,6	-	-	-		
86	OHX	5	4210	-	0,6,6	-	-	-		
86	OHX	2	2114	-	0,6,6	-	-	-		
86	OHX	5	3940	-	0,6,6	-	-	-		
86	OHX	6	2075	-	0,6,6	-	-	-		
86	OHX	4	226	-	0,6,6	-	-	-		
86	OHX	1	4079	-	0,6,6	-	-	-		
86	OHX	5	4189	-	0,6,6	-	-	-		
86	OHX	1	3876	-	0,6,6	-	-	-		
86	OHX	1	4102	-	0,6,6	-	-	-		
86	OHX	5	4022	-	0,6,6	-	-	-		
86	OHX	2	2124	-	0,6,6	-	-	-		
86	OHX	5	3954	-	0,6,6	-	-	-		
86	OHX	5	4172	-	0,6,6	-	-	-		
86	OHX	6	2178	-	0,6,6	-	-	-		
86	OHX	5	4000	-	0,6,6	-	-	-		
86	OHX	6	2168	-	0,6,6	-	-	-		
86	OHX	2	2133	-	0,6,6	-	-	-		
86	OHX	6	2097	-	0,6,6	-	-	-		
86	OHX	6	2078	-	0,6,6	-	-	-		
86	OHX	1	4040	-	0,6,6	-	-	-		
86	OHX	2	2093	-	0,6,6	-	-	-		
86	OHX	5	4227	-	0,6,6	-	-	-		
86	OHX	2	2173	-	0,6,6	-	-	-		
86	OHX	1	3890	-	0,6,6	-	-	-		
86	OHX	1	4132	-	0,6,6	-	-	-		
86	OHX	1	4185	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	1	4188	-	0,6,6	-	-	-		
86	OHX	1	3925	-	0,6,6	-	-	-		
86	OHX	2	2128	-	0,6,6	-	-	-		
86	OHX	8	218	-	0,6,6	-	-	-		
86	OHX	5	4141	-	0,6,6	-	-	-		
86	OHX	5	3926	-	0,6,6	-	-	-		
86	OHX	1	3956	-	0,6,6	-	-	-		
86	OHX	2	2171	-	0,6,6	-	-	-		
86	OHX	2	2067	-	0,6,6	-	-	-		
86	OHX	5	4239	-	0,6,6	-	-	-		
86	OHX	5	4124	-	0,6,6	-	-	-		
86	OHX	1	3889	-	0,6,6	-	-	-		
86	OHX	5	4009	-	0,6,6	-	-	-		
86	OHX	1	4161	-	0,6,6	-	-	-		
86	OHX	1	4182	-	0,6,6	-	-	-		
86	OHX	2	2136	-	0,6,6	-	-	-		
86	OHX	2	2163	-	0,6,6	-	-	-		
86	OHX	1	4022	-	0,6,6	-	-	-		
86	OHX	5	3950	-	0,6,6	-	-	-		
86	OHX	5	3974	-	0,6,6	-	-	-		
86	OHX	3	220	-	0,6,6	-	-	-		
86	OHX	1	3883	-	0,6,6	-	-	-		
88	3J6	5	4246	85	22,24,24	1.21	2 (9%)	27,42,42	1.32	3 (11%)
86	OHX	7	218	-	0,6,6	-	-	-		
86	OHX	5	3919	-	0,6,6	-	-	-		
86	OHX	O6	201	-	0,6,6	-	-	-		
86	OHX	1	4159	-	0,6,6	-	-	-		
86	OHX	5	4188	-	0,6,6	-	-	-		
86	OHX	5	3916	-	0,6,6	-	-	-		
86	OHX	1	3955	-	0,6,6	-	-	-		
86	OHX	1	3966	-	0,6,6	-	-	-		
86	OHX	6	2169	-	0,6,6	-	-	-		
86	OHX	5	3988	-	0,6,6	-	-	-		
86	OHX	2	2040	-	0,6,6	-	-	-		
86	OHX	2	2165	-	0,6,6	-	-	-		
86	OHX	5	4109	-	0,6,6	-	-	-		
86	OHX	1	4199	-	0,6,6	-	-	-		
86	OHX	5	4212	-	0,6,6	-	-	-		
86	OHX	5	4039	-	0,6,6	-	-	-		
86	OHX	5	4146	-	0,6,6	-	-	-		
86	OHX	5	4182	-	0,6,6	-	-	-		
86	OHX	5	3907	-	0,6,6	-	-	-		
86	OHX	8	219	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	2	2170	-	0,6,6	-	-	-		
86	OHX	5	3951	-	0,6,6	-	-	-		
86	OHX	1	3921	-	0,6,6	-	-	-		
86	OHX	1	4139	-	0,6,6	-	-	-		
86	OHX	2	2076	-	0,6,6	-	-	-		
86	OHX	6	2189	1	0,6,6	-	-	-		
86	OHX	1	4099	-	0,6,6	-	-	-		
86	OHX	6	2051	-	0,6,6	-	-	-		
86	OHX	1	4125	-	0,6,6	-	-	-		
86	OHX	6	2086	-	0,6,6	-	-	-		
86	OHX	6	2167	-	0,6,6	-	-	-		
86	OHX	5	3985	-	0,6,6	-	-	-		
86	OHX	1	4108	-	0,6,6	-	-	-		
86	OHX	5	4168	-	0,6,6	-	-	-		
86	OHX	1	4115	-	0,6,6	-	-	-		
86	OHX	1	4130	-	0,6,6	-	-	-		
86	OHX	2	2044	-	0,6,6	-	-	-		
86	OHX	5	3920	-	0,6,6	-	-	-		
86	OHX	5	3962	-	0,6,6	-	-	-		
86	OHX	6	2096	-	0,6,6	-	-	-		
86	OHX	5	3982	-	0,6,6	-	-	-		
86	OHX	8	231	-	0,6,6	-	-	-		
86	OHX	2	2079	-	0,6,6	-	-	-		
86	OHX	5	3896	-	0,6,6	-	-	-		
86	OHX	5	3992	-	0,6,6	-	-	-		
86	OHX	5	3961	-	0,6,6	-	-	-		
86	OHX	1	4039	-	0,6,6	-	-	-		
86	OHX	5	4142	-	0,6,6	-	-	-		
86	OHX	5	4242	-	0,6,6	-	-	-		
86	OHX	1	3998	-	0,6,6	-	-	-		
86	OHX	5	4095	-	0,6,6	-	-	-		
86	OHX	5	4118	-	0,6,6	-	-	-		
86	OHX	1	4112	-	0,6,6	-	-	-		
86	OHX	C8	201	-	0,6,6	-	-	-		
86	OHX	5	3942	-	0,6,6	-	-	-		
86	OHX	5	4084	-	0,6,6	-	-	-		
86	OHX	2	2109	-	0,6,6	-	-	-		
86	OHX	7	223	-	0,6,6	-	-	-		
86	OHX	D9	102	-	0,6,6	-	-	-		
86	OHX	5	4158	-	0,6,6	-	-	-		
86	OHX	5	4218	-	0,6,6	-	-	-		
86	OHX	2	2083	-	0,6,6	-	-	-		
86	OHX	1	4157	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	6	2161	-	0,6,6	-	-	-		
86	OHX	L3	404	-	0,6,6	-	-	-		
86	OHX	2	2030	-	0,6,6	-	-	-		
86	OHX	5	4113	-	0,6,6	-	-	-		
86	OHX	1	4140	-	0,6,6	-	-	-		
86	OHX	6	2200	-	0,6,6	-	-	-		
86	OHX	1	3928	-	0,6,6	-	-	-		
86	OHX	5	4203	-	0,6,6	-	-	-		
86	OHX	1	3872	-	0,6,6	-	-	-		
86	OHX	1	4156	-	0,6,6	-	-	-		
86	OHX	1	4083	-	0,6,6	-	-	-		
86	OHX	5	4223	-	0,6,6	-	-	-		
86	OHX	5	4071	-	0,6,6	-	-	-		
86	OHX	2	2130	-	0,6,6	-	-	-		
86	OHX	5	3969	-	0,6,6	-	-	-		
86	OHX	2	2116	-	0,6,6	-	-	-		
86	OHX	1	4146	-	0,6,6	-	-	-		
86	OHX	1	4038	-	0,6,6	-	-	-		
86	OHX	1	3899	-	0,6,6	-	-	-		
86	OHX	1	3949	-	0,6,6	-	-	-		
86	OHX	2	2091	-	0,6,6	-	-	-		
86	OHX	1	4030	-	0,6,6	-	-	-		
86	OHX	c8	203	-	0,6,6	-	-	-		
86	OHX	1	4076	-	0,6,6	-	-	-		
86	OHX	O9	101	-	0,6,6	-	-	-		
86	OHX	5	4164	-	0,6,6	-	-	-		
86	OHX	5	3971	-	0,6,6	-	-	-		
86	OHX	6	2061	-	0,6,6	-	-	-		
86	OHX	6	2111	-	0,6,6	-	-	-		
86	OHX	2	2058	-	0,6,6	-	-	-		
86	OHX	1	4168	-	0,6,6	-	-	-		
86	OHX	2	2073	-	0,6,6	-	-	-		
86	OHX	6	2181	-	0,6,6	-	-	-		
86	OHX	1	4189	-	0,6,6	-	-	-		
86	OHX	6	2177	-	0,6,6	-	-	-		
86	OHX	2	2082	-	0,6,6	-	-	-		
86	OHX	5	4004	-	0,6,6	-	-	-		
86	OHX	6	2201	-	0,6,6	-	-	-		
86	OHX	M0	304	-	0,6,6	-	-	-		
86	OHX	1	4055	-	0,6,6	-	-	-		
86	OHX	1	3969	-	0,6,6	-	-	-		
86	OHX	5	4016	-	0,6,6	-	-	-		
86	OHX	2	2064	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	1	4035	-	0,6,6	-	-	-		
86	OHX	2	2164	-	0,6,6	-	-	-		
86	OHX	1	4186	-	0,6,6	-	-	-		
86	OHX	1	4011	-	0,6,6	-	-	-		
86	OHX	2	2166	-	0,6,6	-	-	-		
86	OHX	6	2159	-	0,6,6	-	-	-		
86	OHX	5	3976	-	0,6,6	-	-	-		
86	OHX	5	4008	-	0,6,6	-	-	-		
86	OHX	1	4017	-	0,6,6	-	-	-		
86	OHX	1	3893	-	0,6,6	-	-	-		
86	OHX	1	4141	-	0,6,6	-	-	-		
86	OHX	1	4029	-	0,6,6	-	-	-		
86	OHX	6	2140	-	0,6,6	-	-	-		
86	OHX	2	2167	-	0,6,6	-	-	-		
86	OHX	1	3971	-	0,6,6	-	-	-		
86	OHX	6	2195	-	0,6,6	-	-	-		
86	OHX	1	3958	-	0,6,6	-	-	-		
86	OHX	1	3968	-	0,6,6	-	-	-		
86	OHX	1	4177	-	0,6,6	-	-	-		
86	OHX	6	2125	-	0,6,6	-	-	-		
86	OHX	2	2096	-	0,6,6	-	-	-		
86	OHX	6	2114	-	0,6,6	-	-	-		
86	OHX	5	3923	-	0,6,6	-	-	-		
86	OHX	15	304	-	0,6,6	-	-	-		
86	OHX	5	4181	-	0,6,6	-	-	-		
86	OHX	5	4103	-	0,6,6	-	-	-		
86	OHX	1	3936	-	0,6,6	-	-	-		
86	OHX	5	3995	-	0,6,6	-	-	-		
86	OHX	5	4104	-	0,6,6	-	-	-		
86	OHX	6	2063	-	0,6,6	-	-	-		
86	OHX	1	4071	-	0,6,6	-	-	-		
86	OHX	6	2088	-	0,6,6	-	-	-		
86	OHX	5	4101	-	0,6,6	-	-	-		
86	OHX	6	2172	-	0,6,6	-	-	-		
86	OHX	1	4037	-	0,6,6	-	-	-		
86	OHX	5	4077	-	0,6,6	-	-	-		
86	OHX	s1	302	-	0,6,6	-	-	-		
86	OHX	2	2050	-	0,6,6	-	-	-		
86	OHX	2	2081	-	0,6,6	-	-	-		
86	OHX	6	2113	-	0,6,6	-	-	-		
86	OHX	1	4149	-	0,6,6	-	-	-		
86	OHX	1	3931	-	0,6,6	-	-	-		
86	OHX	1	4152	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	6	2126	-	0,6,6	-	-	-		
86	OHX	5	3911	-	0,6,6	-	-	-		
86	OHX	2	2105	-	0,6,6	-	-	-		
86	OHX	2	2156	-	0,6,6	-	-	-		
86	OHX	5	4049	-	0,6,6	-	-	-		
86	OHX	8	227	-	0,6,6	-	-	-		
86	OHX	6	2192	-	0,6,6	-	-	-		
86	OHX	1	4088	-	0,6,6	-	-	-		
86	OHX	1	4110	-	0,6,6	-	-	-		
86	OHX	1	4212	-	0,6,6	-	-	-		
86	OHX	5	4111	-	0,6,6	-	-	-		
86	OHX	6	2071	-	0,6,6	-	-	-		
86	OHX	6	2171	-	0,6,6	-	-	-		
86	OHX	1	4100	-	0,6,6	-	-	-		
86	OHX	5	4013	-	0,6,6	-	-	-		
86	OHX	2	2107	-	0,6,6	-	-	-		
86	OHX	5	3929	-	0,6,6	-	-	-		
86	OHX	6	2160	-	0,6,6	-	-	-		
86	OHX	5	4235	-	0,6,6	-	-	-		
86	OHX	1	4004	-	0,6,6	-	-	-		
86	OHX	1	4167	-	0,6,6	-	-	-		
86	OHX	2	2149	-	0,6,6	-	-	-		
86	OHX	1	3985	-	0,6,6	-	-	-		
86	OHX	6	2077	-	0,6,6	-	-	-		
86	OHX	5	4105	-	0,6,6	-	-	-		
86	OHX	6	2120	-	0,6,6	-	-	-		
86	OHX	6	2048	-	0,6,6	-	-	-		
86	OHX	6	2173	-	0,6,6	-	-	-		
86	OHX	2	2146	-	0,6,6	-	-	-		
86	OHX	1	4054	-	0,6,6	-	-	-		
86	OHX	5	4217	-	0,6,6	-	-	-		
86	OHX	1	4085	-	0,6,6	-	-	-		
86	OHX	1	4064	-	0,6,6	-	-	-		
86	OHX	5	4147	-	0,6,6	-	-	-		
86	OHX	5	4208	-	0,6,6	-	-	-		
86	OHX	1	3918	-	0,6,6	-	-	-		
86	OHX	1	3878	-	0,6,6	-	-	-		
86	OHX	1	3984	-	0,6,6	-	-	-		
86	OHX	6	2110	-	0,6,6	-	-	-		
86	OHX	1	4200	-	0,6,6	-	-	-		
86	OHX	5	4196	-	0,6,6	-	-	-		
86	OHX	m1	202	-	0,6,6	-	-	-		
86	OHX	1	3952	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	6	2152	-	0,6,6	-	-	-		
86	OHX	M5	303	-	0,6,6	-	-	-		
86	OHX	2	2051	-	0,6,6	-	-	-		
86	OHX	2	2060	-	0,6,6	-	-	-		
86	OHX	5	4143	-	0,6,6	-	-	-		
86	OHX	1	3950	-	0,6,6	-	-	-		
86	OHX	1	4118	-	0,6,6	-	-	-		
86	OHX	3	226	-	0,6,6	-	-	-		
86	OHX	6	2055	-	0,6,6	-	-	-		
86	OHX	6	2089	-	0,6,6	-	-	-		
86	OHX	5	3946	-	0,6,6	-	-	-		
86	OHX	1	4046	-	0,6,6	-	-	-		
86	OHX	1	3923	-	0,6,6	-	-	-		
86	OHX	2	2177	-	0,6,6	-	-	-		
86	OHX	SR	401	-	0,6,6	-	-	-		
86	OHX	1	4133	-	0,6,6	-	-	-		
86	OHX	O1	201	-	0,6,6	-	-	-		
86	OHX	c3	201	-	0,6,6	-	-	-		
86	OHX	5	3900	-	0,6,6	-	-	-		
86	OHX	5	3994	-	0,6,6	-	-	-		
86	OHX	1	4018	-	0,6,6	-	-	-		
86	OHX	1	4025	-	0,6,6	-	-	-		
86	OHX	1	3866	-	0,6,6	-	-	-		
86	OHX	1	4041	-	0,6,6	-	-	-		
86	OHX	2	2095	-	0,6,6	-	-	-		
86	OHX	1	4077	-	0,6,6	-	-	-		
86	OHX	2	2103	-	0,6,6	-	-	-		
86	OHX	C5	201	-	0,6,6	-	-	-		
86	OHX	1	3898	-	0,6,6	-	-	-		
86	OHX	1	3963	-	0,6,6	-	-	-		
86	OHX	1	4082	-	0,6,6	-	-	-		
86	OHX	1	4175	-	0,6,6	-	-	-		
86	OHX	5	4114	-	0,6,6	-	-	-		
86	OHX	6	2102	-	0,6,6	-	-	-		
86	OHX	1	4208	-	0,6,6	-	-	-		
86	OHX	1	4020	-	0,6,6	-	-	-		
86	OHX	1	4043	-	0,6,6	-	-	-		
86	OHX	3	222	-	0,6,6	-	-	-		
86	OHX	6	2106	-	0,6,6	-	-	-		
86	OHX	6	2190	-	0,6,6	-	-	-		
86	OHX	5	3938	-	0,6,6	-	-	-		
86	OHX	6	2151	-	0,6,6	-	-	-		
86	OHX	1	4059	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	1	4066	-	0,6,6	-	-	-		
86	OHX	1	4060	-	0,6,6	-	-	-		
86	OHX	5	4035	-	0,6,6	-	-	-		
86	OHX	1	3879	-	0,6,6	-	-	-		
86	OHX	1	4026	-	0,6,6	-	-	-		
86	OHX	m4	201	-	0,6,6	-	-	-		
86	OHX	1	4045	-	0,6,6	-	-	-		
86	OHX	3	224	-	0,6,6	-	-	-		
86	OHX	6	2191	-	0,6,6	-	-	-		
86	OHX	6	2092	-	0,6,6	-	-	-		
86	OHX	5	4119	-	0,6,6	-	-	-		
86	OHX	2	2042	-	0,6,6	-	-	-		
86	OHX	2	2175	-	0,6,6	-	-	-		
86	OHX	6	2198	-	0,6,6	-	-	-		
86	OHX	1	4116	-	0,6,6	-	-	-		
86	OHX	2	2094	-	0,6,6	-	-	-		
86	OHX	2	2117	-	0,6,6	-	-	-		
86	OHX	1	4105	-	0,6,6	-	-	-		
86	OHX	6	2067	-	0,6,6	-	-	-		
86	OHX	5	4207	-	0,6,6	-	-	-		
86	OHX	2	2141	-	0,6,6	-	-	-		
86	OHX	1	4183	-	0,6,6	-	-	-		
86	OHX	1	4061	-	0,6,6	-	-	-		
86	OHX	1	3992	-	0,6,6	-	-	-		
86	OHX	5	4063	-	0,6,6	-	-	-		
86	OHX	2	2088	-	0,6,6	-	-	-		
86	OHX	1	3975	-	0,6,6	-	-	-		
86	OHX	6	2148	-	0,6,6	-	-	-		
86	OHX	1	4153	-	0,6,6	-	-	-		
86	OHX	1	4160	-	0,6,6	-	-	-		
86	OHX	5	3909	-	0,6,6	-	-	-		
86	OHX	2	2108	-	0,6,6	-	-	-		
86	OHX	3	225	-	0,6,6	-	-	-		
86	OHX	6	2119	-	0,6,6	-	-	-		
86	OHX	2	2087	-	0,6,6	-	-	-		
86	OHX	1	3980	-	0,6,6	-	-	-		
86	OHX	1	4016	-	0,6,6	-	-	-		
86	OHX	5	3944	-	0,6,6	-	-	-		
86	OHX	2	2036	-	0,6,6	-	-	-		
86	OHX	3	216	-	0,6,6	-	-	-		
86	OHX	1	3946	-	0,6,6	-	-	-		
86	OHX	5	4155	-	0,6,6	-	-	-		
86	OHX	1	3917	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	2	2052	-	0,6,6	-	-	-		
86	OHX	1	3991	-	0,6,6	-	-	-		
86	OHX	5	4243	-	0,6,6	-	-	-		
86	OHX	2	2142	-	0,6,6	-	-	-		
86	OHX	4	222	-	0,6,6	-	-	-		
86	OHX	5	3918	-	0,6,6	-	-	-		
86	OHX	1	4047	-	0,6,6	-	-	-		
86	OHX	5	4166	-	0,6,6	-	-	-		
86	OHX	8	222	-	0,6,6	-	-	-		
86	OHX	6	2141	-	0,6,6	-	-	-		
86	OHX	5	4136	-	0,6,6	-	-	-		
86	OHX	6	2182	-	0,6,6	-	-	-		
86	OHX	4	224	-	0,6,6	-	-	-		
86	OHX	6	2184	-	0,6,6	-	-	-		
86	OHX	n3	203	-	0,6,6	-	-	-		
86	OHX	1	4070	-	0,6,6	-	-	-		
86	OHX	5	4131	-	0,6,6	-	-	-		
86	OHX	6	2084	-	0,6,6	-	-	-		
86	OHX	C3	202	-	0,6,6	-	-	-		
86	OHX	8	224	-	0,6,6	-	-	-		
86	OHX	1	4052	-	0,6,6	-	-	-		
86	OHX	1	4202	-	0,6,6	-	-	-		
86	OHX	1	4034	-	0,6,6	-	-	-		
86	OHX	1	4086	-	0,6,6	-	-	-		
86	OHX	2	2066	-	0,6,6	-	-	-		
86	OHX	2	2098	-	0,6,6	-	-	-		
86	OHX	1	3913	-	0,6,6	-	-	-		
86	OHX	M7	206	-	0,6,6	-	-	-		
86	OHX	5	4140	-	0,6,6	-	-	-		
86	OHX	5	3996	-	0,6,6	-	-	-		
86	OHX	1	4126	-	0,6,6	-	-	-		
86	OHX	O7	103	-	0,6,6	-	-	-		
86	OHX	l3	404	-	0,6,6	-	-	-		
86	OHX	1	3964	-	0,6,6	-	-	-		
86	OHX	2	2174	-	0,6,6	-	-	-		
86	OHX	m8	201	-	0,6,6	-	-	-		
86	OHX	1	4173	-	0,6,6	-	-	-		
86	OHX	5	4088	-	0,6,6	-	-	-		
86	OHX	1	3914	-	0,6,6	-	-	-		
86	OHX	L3	405	-	0,6,6	-	-	-		
86	OHX	2	2153	-	0,6,6	-	-	-		
86	OHX	5	4232	-	0,6,6	-	-	-		
86	OHX	4	225	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	2	2158	-	0,6,6	-	-	-		
86	OHX	5	4115	-	0,6,6	-	-	-		
86	OHX	2	2059	-	0,6,6	-	-	-		
86	OHX	5	4066	-	0,6,6	-	-	-		
86	OHX	5	3932	-	0,6,6	-	-	-		
86	OHX	1	4210	-	0,6,6	-	-	-		
86	OHX	1	4172	-	0,6,6	-	-	-		
86	OHX	2	2135	-	0,6,6	-	-	-		
86	OHX	1	3943	-	0,6,6	-	-	-		
86	OHX	1	4193	-	0,6,6	-	-	-		
86	OHX	1	4019	-	0,6,6	-	-	-		
86	OHX	6	2090	-	0,6,6	-	-	-		
86	OHX	5	4056	-	0,6,6	-	-	-		
86	OHX	1	3973	-	0,6,6	-	-	-		
86	OHX	1	4187	-	0,6,6	-	-	-		
86	OHX	5	3959	-	0,6,6	-	-	-		
86	OHX	5	4205	-	0,6,6	-	-	-		
86	OHX	1	3953	-	0,6,6	-	-	-		
86	OHX	2	2179	-	0,6,6	-	-	-		
86	OHX	1	4178	-	0,6,6	-	-	-		
86	OHX	2	2085	-	0,6,6	-	-	-		
86	OHX	6	2105	-	0,6,6	-	-	-		
86	OHX	5	3998	-	0,6,6	-	-	-		
86	OHX	5	4089	-	0,6,6	-	-	-		
86	OHX	5	4163	-	0,6,6	-	-	-		
86	OHX	1	4000	-	0,6,6	-	-	-		
86	OHX	2	2034	-	0,6,6	-	-	-		
86	OHX	6	2103	-	0,6,6	-	-	-		
86	OHX	1	4024	-	0,6,6	-	-	-		
86	OHX	3	223	-	0,6,6	-	-	-		
86	OHX	2	2168	-	0,6,6	-	-	-		
86	OHX	4	231	-	0,6,6	-	-	-		
86	OHX	5	4209	-	0,6,6	-	-	-		
86	OHX	5	3970	-	0,6,6	-	-	-		
86	OHX	3	217	-	0,6,6	-	-	-		
86	OHX	1	4148	-	0,6,6	-	-	-		
86	OHX	5	4121	-	0,6,6	-	-	-		
86	OHX	1	4179	-	0,6,6	-	-	-		
86	OHX	2	2154	-	0,6,6	-	-	-		
86	OHX	1	4206	-	0,6,6	-	-	-		
86	OHX	1	4023	-	0,6,6	-	-	-		
86	OHX	1	3884	-	0,6,6	-	-	-		
86	OHX	6	2194	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	6	2057	-	0,6,6	-	-	-		
86	OHX	5	3977	-	0,6,6	-	-	-		
86	OHX	5	4036	-	0,6,6	-	-	-		
86	OHX	5	4014	-	0,6,6	-	-	-		
86	OHX	1	4101	-	0,6,6	-	-	-		
86	OHX	2	2162	-	0,6,6	-	-	-		
86	OHX	6	2054	-	0,6,6	-	-	-		
86	OHX	1	4176	-	0,6,6	-	-	-		
86	OHX	2	2024	-	0,6,6	-	-	-		
86	OHX	5	4171	-	0,6,6	-	-	-		
86	OHX	1	3954	-	0,6,6	-	-	-		
86	OHX	5	3943	-	0,6,6	-	-	-		
86	OHX	5	4051	-	0,6,6	-	-	-		
86	OHX	2	2072	-	0,6,6	-	-	-		
86	OHX	2	2074	-	0,6,6	-	-	-		
86	OHX	6	2127	-	0,6,6	-	-	-		
86	OHX	5	3947	-	0,6,6	-	-	-		
86	OHX	6	2121	-	0,6,6	-	-	-		
86	OHX	5	4072	-	0,6,6	-	-	-		
86	OHX	5	4044	-	0,6,6	-	-	-		
86	OHX	1	4069	-	0,6,6	-	-	-		
86	OHX	5	4064	-	0,6,6	-	-	-		
86	OHX	2	2039	-	0,6,6	-	-	-		
86	OHX	1	4056	-	0,6,6	-	-	-		
86	OHX	5	4244	-	0,6,6	-	-	-		
86	OHX	1	4184	-	0,6,6	-	-	-		
86	OHX	5	4024	-	0,6,6	-	-	-		
86	OHX	2	2055	-	0,6,6	-	-	-		
86	OHX	1	3897	-	0,6,6	-	-	-		
86	OHX	5	4190	-	0,6,6	-	-	-		
86	OHX	5	4038	-	0,6,6	-	-	-		
86	OHX	2	2046	-	0,6,6	-	-	-		
86	OHX	5	3963	-	0,6,6	-	-	-		
86	OHX	2	2127	-	0,6,6	-	-	-		
86	OHX	4	228	-	0,6,6	-	-	-		
86	OHX	6	2157	-	0,6,6	-	-	-		
86	OHX	6	2091	-	0,6,6	-	-	-		
86	OHX	5	4230	-	0,6,6	-	-	-		
86	OHX	5	3915	-	0,6,6	-	-	-		
86	OHX	5	4021	-	0,6,6	-	-	-		
86	OHX	5	4007	-	0,6,6	-	-	-		
86	OHX	5	3937	-	0,6,6	-	-	-		
86	OHX	5	4175	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	5	4067	-	0,6,6	-	-	-		
86	OHX	2	2102	-	0,6,6	-	-	-		
86	OHX	1	4122	-	0,6,6	-	-	-		
86	OHX	5	4200	-	0,6,6	-	-	-		
86	OHX	5	4073	-	0,6,6	-	-	-		
86	OHX	6	2166	-	0,6,6	-	-	-		
86	OHX	5	4062	-	0,6,6	-	-	-		
86	OHX	1	3870	-	0,6,6	-	-	-		
86	OHX	5	3981	-	0,6,6	-	-	-		
86	OHX	1	4124	-	0,6,6	-	-	-		
86	OHX	2	2089	-	0,6,6	-	-	-		
86	OHX	1	3927	-	0,6,6	-	-	-		
86	OHX	o3	203	-	0,6,6	-	-	-		
86	OHX	6	2131	-	0,6,6	-	-	-		
86	OHX	5	3914	-	0,6,6	-	-	-		
86	OHX	5	3966	-	0,6,6	-	-	-		
86	OHX	7	219	-	0,6,6	-	-	-		
86	OHX	2	2037	-	0,6,6	-	-	-		
86	OHX	5	4195	-	0,6,6	-	-	-		
86	OHX	1	3926	-	0,6,6	-	-	-		
86	OHX	1	4143	-	0,6,6	-	-	-		
86	OHX	6	2128	-	0,6,6	-	-	-		
86	OHX	8	221	-	0,6,6	-	-	-		
86	OHX	1	3906	-	0,6,6	-	-	-		
86	OHX	2	2143	-	0,6,6	-	-	-		
86	OHX	6	2099	-	0,6,6	-	-	-		
86	OHX	5	3902	-	0,6,6	-	-	-		
86	OHX	2	2062	-	0,6,6	-	-	-		
86	OHX	7	220	-	0,6,6	-	-	-		
86	OHX	1	3937	-	0,6,6	-	-	-		
86	OHX	5	4042	-	0,6,6	-	-	-		
86	OHX	6	2058	-	0,6,6	-	-	-		
86	OHX	1	4096	-	0,6,6	-	-	-		
86	OHX	6	2175	-	0,6,6	-	-	-		
86	OHX	5	4128	-	0,6,6	-	-	-		
86	OHX	5	4098	-	0,6,6	-	-	-		
86	OHX	5	4173	-	0,6,6	-	-	-		
86	OHX	14	402	-	0,6,6	-	-	-		
86	OHX	1	4180	-	0,6,6	-	-	-		
86	OHX	1	3919	-	0,6,6	-	-	-		
86	OHX	5	4005	-	0,6,6	-	-	-		
86	OHX	6	2117	-	0,6,6	-	-	-		
86	OHX	2	2139	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	1	3916	-	0,6,6	-	-	-		
86	OHX	m0	303	-	0,6,6	-	-	-		
86	OHX	1	3988	-	0,6,6	-	-	-		
86	OHX	5	4154	-	0,6,6	-	-	-		
86	OHX	1	3938	-	0,6,6	-	-	-		
86	OHX	2	2118	-	0,6,6	-	-	-		
86	OHX	5	4233	-	0,6,6	-	-	-		
86	OHX	5	4185	-	0,6,6	-	-	-		
86	OHX	2	2138	-	0,6,6	-	-	-		
86	OHX	6	2056	-	0,6,6	-	-	-		
86	OHX	1	3895	-	0,6,6	-	-	-		
86	OHX	2	2057	-	0,6,6	-	-	-		
86	OHX	1	3900	-	0,6,6	-	-	-		
86	OHX	6	2204	-	0,6,6	-	-	-		
86	OHX	5	4156	-	0,6,6	-	-	-		
86	OHX	o7	503	-	0,6,6	-	-	-		
86	OHX	6	2176	-	0,6,6	-	-	-		
86	OHX	5	4001	-	0,6,6	-	-	-		
86	OHX	6	2132	-	0,6,6	-	-	-		
86	OHX	5	3910	-	0,6,6	-	-	-		
86	OHX	5	3935	-	0,6,6	-	-	-		
86	OHX	5	3967	-	0,6,6	-	-	-		
86	OHX	5	4080	-	0,6,6	-	-	-		
86	OHX	5	4236	-	0,6,6	-	-	-		
86	OHX	8	220	-	0,6,6	-	-	-		
86	OHX	5	4029	-	0,6,6	-	-	-		
86	OHX	1	4162	-	0,6,6	-	-	-		
86	OHX	1	4128	-	0,6,6	-	-	-		
86	OHX	1	3979	-	0,6,6	-	-	-		
86	OHX	5	4070	-	0,6,6	-	-	-		
86	OHX	1	4151	-	0,6,6	-	-	-		
86	OHX	s1	303	-	0,6,6	-	-	-		
86	OHX	1	4120	-	0,6,6	-	-	-		
86	OHX	5	3993	-	0,6,6	-	-	-		
86	OHX	5	4221	-	0,6,6	-	-	-		
86	OHX	6	2142	-	0,6,6	-	-	-		
86	OHX	5	4238	-	0,6,6	-	-	-		
86	OHX	5	4170	-	0,6,6	-	-	-		
86	OHX	5	4033	-	0,6,6	-	-	-		
86	OHX	2	2113	-	0,6,6	-	-	-		
86	OHX	5	4184	-	0,6,6	-	-	-		
86	OHX	5	4197	-	0,6,6	-	-	-		
86	OHX	5	4010	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	2	2032	-	0,6,6	-	-	-		
86	OHX	5	4076	-	0,6,6	-	-	-		
86	OHX	5	4169	-	0,6,6	-	-	-		
86	OHX	1	4144	-	0,6,6	-	-	-		
86	OHX	1	3942	-	0,6,6	-	-	-		
86	OHX	5	4150	-	0,6,6	-	-	-		
86	OHX	5	4215	-	0,6,6	-	-	-		
86	OHX	1	4093	-	0,6,6	-	-	-		
86	OHX	5	3968	-	0,6,6	-	-	-		
86	OHX	5	4079	-	0,6,6	-	-	-		
86	OHX	5	4050	-	0,6,6	-	-	-		
86	OHX	1	4158	-	0,6,6	-	-	-		
86	OHX	5	4174	-	0,6,6	-	-	-		
86	OHX	5	4213	-	0,6,6	-	-	-		
86	OHX	2	2157	-	0,6,6	-	-	-		
86	OHX	m7	206	-	0,6,6	-	-	-		
86	OHX	5	4194	-	0,6,6	-	-	-		
86	OHX	1	3961	-	0,6,6	-	-	-		
86	OHX	1	4014	-	0,6,6	-	-	-		
86	OHX	5	4162	-	0,6,6	-	-	-		
86	OHX	1	4106	-	0,6,6	-	-	-		
86	OHX	1	3908	-	0,6,6	-	-	-		
86	OHX	1	4032	-	0,6,6	-	-	-		
86	OHX	6	2112	-	0,6,6	-	-	-		
86	OHX	1	4201	-	0,6,6	-	-	-		
86	OHX	1	4104	-	0,6,6	-	-	-		
86	OHX	5	3924	-	0,6,6	-	-	-		
86	OHX	n6	203	-	0,6,6	-	-	-		
86	OHX	5	4144	-	0,6,6	-	-	-		
86	OHX	6	2122	-	0,6,6	-	-	-		
86	OHX	6	2135	-	0,6,6	-	-	-		
86	OHX	l5	305	-	0,6,6	-	-	-		
86	OHX	1	4181	-	0,6,6	-	-	-		
86	OHX	1	3935	-	0,6,6	-	-	-		
86	OHX	5	3983	-	0,6,6	-	-	-		
86	OHX	1	3967	-	0,6,6	-	-	-		
86	OHX	1	3996	-	0,6,6	-	-	-		
86	OHX	5	3903	-	0,6,6	-	-	-		
86	OHX	6	2080	-	0,6,6	-	-	-		
86	OHX	1	4049	-	0,6,6	-	-	-		
86	OHX	5	4006	-	0,6,6	-	-	-		
86	OHX	D3	202	-	0,6,6	-	-	-		
86	OHX	4	235	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	1	4009	-	0,6,6	-	-	-		
86	OHX	1	3911	-	0,6,6	-	-	-		
86	OHX	1	4113	-	0,6,6	-	-	-		
86	OHX	1	3945	-	0,6,6	-	-	-		
86	OHX	1	4117	-	0,6,6	-	-	-		
86	OHX	1	4136	-	0,6,6	-	-	-		
86	OHX	6	2185	-	0,6,6	-	-	-		
86	OHX	1	3868	-	0,6,6	-	-	-		
86	OHX	1	3934	-	0,6,6	-	-	-		
86	OHX	1	4013	-	0,6,6	-	-	-		
86	OHX	5	3908	-	0,6,6	-	-	-		
86	OHX	5	4075	-	0,6,6	-	-	-		
86	OHX	8	230	-	0,6,6	-	-	-		
86	OHX	6	2059	-	0,6,6	-	-	-		
86	OHX	2	2169	-	0,6,6	-	-	-		
86	OHX	5	4159	-	0,6,6	-	-	-		
86	OHX	2	2056	-	0,6,6	-	-	-		
86	OHX	6	2100	-	0,6,6	-	-	-		
86	OHX	5	3955	-	0,6,6	-	-	-		
86	OHX	5	4041	-	0,6,6	-	-	-		
86	OHX	2	2159	-	0,6,6	-	-	-		
86	OHX	1	3887	-	0,6,6	-	-	-		
86	OHX	6	2199	-	0,6,6	-	-	-		
86	OHX	2	2026	-	0,6,6	-	-	-		
86	OHX	5	3913	-	0,6,6	-	-	-		
86	OHX	2	2176	-	0,6,6	-	-	-		
86	OHX	5	4091	-	0,6,6	-	-	-		
86	OHX	5	4153	-	0,6,6	-	-	-		
86	OHX	n9	102	-	0,6,6	-	-	-		
86	OHX	2	2131	-	0,6,6	-	-	-		
86	OHX	5	3936	-	0,6,6	-	-	-		
86	OHX	1	4164	-	0,6,6	-	-	-		
86	OHX	5	3945	-	0,6,6	-	-	-		
86	OHX	l5	307	-	0,6,6	-	-	-		
86	OHX	8	228	-	0,6,6	-	-	-		
86	OHX	l3	405	-	0,6,6	-	-	-		
86	OHX	2	2161	-	0,6,6	-	-	-		
86	OHX	1	3902	-	0,6,6	-	-	-		
86	OHX	5	4099	-	0,6,6	-	-	-		
86	OHX	8	223	-	0,6,6	-	-	-		
86	OHX	5	3917	-	0,6,6	-	-	-		
86	OHX	5	4224	-	0,6,6	-	-	-		
86	OHX	1	4074	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	1	4103	-	0,6,6	-	-	-		
86	OHX	6	2144	-	0,6,6	-	-	-		
86	OHX	1	4044	-	0,6,6	-	-	-		
86	OHX	6	2133	-	0,6,6	-	-	-		
86	OHX	6	2136	-	0,6,6	-	-	-		
86	OHX	8	225	-	0,6,6	-	-	-		
86	OHX	5	4047	-	0,6,6	-	-	-		
86	OHX	1	3962	-	0,6,6	-	-	-		
86	OHX	5	3922	-	0,6,6	-	-	-		
86	OHX	1	4036	-	0,6,6	-	-	-		
86	OHX	1	4154	-	0,6,6	-	-	-		
86	OHX	5	4225	-	0,6,6	-	-	-		
86	OHX	2	2086	-	0,6,6	-	-	-		
86	OHX	5	4237	-	0,6,6	-	-	-		
86	OHX	6	2124	-	0,6,6	-	-	-		
86	OHX	8	217	-	0,6,6	-	-	-		
86	OHX	1	3869	-	0,6,6	-	-	-		
86	OHX	6	2046	-	0,6,6	-	-	-		
86	OHX	5	4052	-	0,6,6	-	-	-		
86	OHX	2	2115	-	0,6,6	-	-	-		
86	OHX	1	3957	-	0,6,6	-	-	-		
86	OHX	3	221	-	0,6,6	-	-	-		
86	OHX	5	3894	-	0,6,6	-	-	-		
86	OHX	5	4202	-	0,6,6	-	-	-		
86	OHX	5	4078	-	0,6,6	-	-	-		
86	OHX	6	2154	-	0,6,6	-	-	-		
86	OHX	6	2093	-	0,6,6	-	-	-		
86	OHX	1	4198	-	0,6,6	-	-	-		
86	OHX	6	2062	-	0,6,6	-	-	-		
86	OHX	5	3901	-	0,6,6	-	-	-		
86	OHX	M7	205	-	0,6,6	-	-	-		
86	OHX	5	4106	-	0,6,6	-	-	-		
86	OHX	1	3929	-	0,6,6	-	-	-		
86	OHX	1	4075	-	0,6,6	-	-	-		
86	OHX	5	4145	-	0,6,6	-	-	-		
86	OHX	6	2068	-	0,6,6	-	-	-		
86	OHX	5	4057	-	0,6,6	-	-	-		
86	OHX	5	4048	-	0,6,6	-	-	-		
86	OHX	6	2104	-	0,6,6	-	-	-		
86	OHX	6	2049	-	0,6,6	-	-	-		
86	OHX	2	2061	-	0,6,6	-	-	-		
86	OHX	6	2149	-	0,6,6	-	-	-		
86	OHX	5	3928	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	2	2110	-	0,6,6	-	-	-		
86	OHX	2	2122	-	0,6,6	-	-	-		
86	OHX	5	4012	-	0,6,6	-	-	-		
86	OHX	5	4083	-	0,6,6	-	-	-		
86	OHX	5	4229	-	0,6,6	-	-	-		
86	OHX	2	2068	-	0,6,6	-	-	-		
86	OHX	1	4135	-	0,6,6	-	-	-		
86	OHX	m0	302	-	0,6,6	-	-	-		
86	OHX	o2	201	-	0,6,6	-	-	-		
86	OHX	1	3892	-	0,6,6	-	-	-		
86	OHX	1	4147	-	0,6,6	-	-	-		
86	OHX	5	4018	-	0,6,6	-	-	-		
86	OHX	1	4063	-	0,6,6	-	-	-		
86	OHX	6	2162	-	0,6,6	-	-	-		
86	OHX	5	4002	-	0,6,6	-	-	-		
86	OHX	7	221	-	0,6,6	-	-	-		
86	OHX	1	4094	-	0,6,6	-	-	-		
86	OHX	5	3987	-	0,6,6	-	-	-		
86	OHX	5	4187	-	0,6,6	-	-	-		
86	OHX	5	4198	-	0,6,6	-	-	-		
86	OHX	5	4097	-	0,6,6	-	-	-		
86	OHX	2	2035	-	0,6,6	-	-	-		
86	OHX	2	2069	-	0,6,6	-	-	-		
86	OHX	5	3990	-	0,6,6	-	-	-		
86	OHX	6	2083	-	0,6,6	-	-	-		
86	OHX	5	3899	-	0,6,6	-	-	-		
86	OHX	6	2165	-	0,6,6	-	-	-		
86	OHX	5	4030	-	0,6,6	-	-	-		
86	OHX	1	3994	-	0,6,6	-	-	-		
86	OHX	2	2084	-	0,6,6	-	-	-		
86	OHX	6	2163	-	0,6,6	-	-	-		
86	OHX	1	3941	-	0,6,6	-	-	-		
86	OHX	5	4003	-	0,6,6	-	-	-		
86	OHX	2	2172	-	0,6,6	-	-	-		
86	OHX	5	4204	-	0,6,6	-	-	-		
86	OHX	1	4174	-	0,6,6	-	-	-		
86	OHX	6	2065	-	0,6,6	-	-	-		
86	OHX	6	2186	-	0,6,6	-	-	-		
86	OHX	1	4155	-	0,6,6	-	-	-		
86	OHX	6	2076	-	0,6,6	-	-	-		
86	OHX	1	4196	-	0,6,6	-	-	-		
86	OHX	1	4142	-	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
88	3J6	5	4246	85	-	3/3/68/68	0/5/4/4
88	3J6	1	4213	85	-	0/3/68/68	0/5/4/4

All (5) bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
88	1	4213	3J6	C4-C3	7.70	1.66	1.54
88	1	4213	3J6	O2-C11	6.44	1.55	1.44
88	1	4213	3J6	C11-C7	-2.52	1.49	1.56
88	5	4246	3J6	C4-C3	2.33	1.58	1.54
88	5	4246	3J6	O2-C11	-2.04	1.41	1.44

The worst 5 of 11 bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
88	1	4213	3J6	O2-C12-C11	5.29	64.68	59.37
88	1	4213	3J6	C11-C7-C4	-4.67	103.63	106.79
88	5	4246	3J6	O1-C5-C6	-3.27	101.39	109.97
88	1	4213	3J6	O2-C11-C7	-3.20	113.91	117.94
88	1	4213	3J6	O3-C3-C4	3.04	116.13	112.56

There are no chirality outliers.

All (3) torsion outliers are listed below:

Mol	Chain	Res	Type	Atoms
88	5	4246	3J6	O5-C14-C4-C5
88	5	4246	3J6	O5-C14-C4-C7
88	5	4246	3J6	O5-C14-C4-C3

There are no ring outliers.

516 monomers are involved in 797 short contacts:

Mol	Chain	Res	Type	Clashes	Symm-Clashes
86	5	4082	OHX	2	0
86	5	4069	OHX	1	0
86	1	4095	OHX	1	0
86	5	4137	OHX	6	0

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Mol	Chain	Res	Type	Clashes	Symm-Clashes
86	5	4132	OHX	1	0
86	8	226	OHX	6	0
86	1	3901	OHX	2	0
86	5	3893	OHX	2	0
86	5	4068	OHX	1	0
86	6	2187	OHX	1	0
86	2	2097	OHX	1	0
86	6	2179	OHX	1	0
86	5	4222	OHX	1	0
86	5	4040	OHX	1	0
86	2	2132	OHX	1	0
86	2	2077	OHX	2	0
86	2	2144	OHX	2	0
86	6	2108	OHX	1	0
86	4	229	OHX	1	0
86	5	4192	OHX	3	0
86	1	4087	OHX	1	0
86	1	4067	OHX	1	0
86	1	3959	OHX	5	0
86	5	4026	OHX	1	0
86	2	2078	OHX	2	0
86	1	3873	OHX	1	0
86	2	2104	OHX	1	0
86	2	2049	OHX	1	0
86	5	3904	OHX	1	0
86	2	2145	OHX	1	0
86	5	4180	OHX	2	0
86	3	218	OHX	2	0
86	q2	502	OHX	3	0
86	8	216	OHX	1	0
86	5	3984	OHX	3	0
86	5	4019	OHX	2	0
86	5	4125	OHX	1	0
86	2	2106	OHX	1	0
86	5	4134	OHX	1	0
86	S6	301	OHX	1	1
86	5	4108	OHX	1	0
86	1	3993	OHX	1	0
86	2	2023	OHX	1	0
86	s8	303	OHX	1	0
86	2	2148	OHX	2	0
86	1	4007	OHX	1	0

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Mol	Chain	Res	Type	Clashes	Symm-Clashes
86	6	2101	OHX	1	0
86	1	4205	OHX	1	0
86	5	4015	OHX	7	0
86	5	3927	OHX	1	0
86	1	4192	OHX	1	0
86	5	4211	OHX	7	0
86	1	4163	OHX	4	0
86	1	3981	OHX	1	0
86	1	3888	OHX	2	0
86	2	2101	OHX	1	0
86	6	2050	OHX	2	0
86	1	3891	OHX	1	0
86	6	2094	OHX	1	0
86	1	3896	OHX	1	0
86	5	3949	OHX	2	0
86	S8	302	OHX	1	0
86	1	3940	OHX	1	0
86	5	3953	OHX	1	0
86	6	2174	OHX	1	0
86	6	2188	OHX	2	0
86	1	3915	OHX	1	0
86	6	2202	OHX	1	0
86	o7	502	OHX	1	0
86	2	2045	OHX	1	0
86	4	234	OHX	1	0
86	1	3932	OHX	2	0
86	L4	403	OHX	1	0
86	7	226	OHX	2	0
86	2	2041	OHX	1	0
86	6	2180	OHX	1	0
86	2	2090	OHX	4	0
86	1	4197	OHX	8	0
86	6	2145	OHX	7	0
86	6	2060	OHX	2	0
86	5	3958	OHX	1	0
86	5	4177	OHX	1	0
86	2	2123	OHX	1	0
86	1	3982	OHX	1	0
86	1	4207	OHX	1	0
86	M9	203	OHX	1	0
86	1	4058	OHX	2	0
86	1	3987	OHX	1	0

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Mol	Chain	Res	Type	Clashes	Symm-Clashes
86	1	3983	OHX	1	0
86	5	3931	OHX	1	0
86	4	223	OHX	1	0
86	6	2158	OHX	1	0
86	1	3944	OHX	1	0
86	1	3907	OHX	1	0
86	2	2071	OHX	2	0
86	5	4090	OHX	1	0
86	5	4220	OHX	1	0
86	1	3948	OHX	1	0
86	5	4123	OHX	1	0
86	5	3989	OHX	1	0
86	5	4228	OHX	7	0
86	6	2147	OHX	1	0
86	5	4231	OHX	1	0
86	1	3903	OHX	1	0
86	5	4023	OHX	1	0
86	1	3989	OHX	1	0
86	6	2134	OHX	1	0
86	5	4138	OHX	2	0
86	2	2147	OHX	1	0
86	6	2095	OHX	2	0
86	1	4169	OHX	1	0
86	1	4150	OHX	2	0
86	5	3933	OHX	2	0
86	5	4046	OHX	1	0
86	1	4109	OHX	1	0
86	6	2118	OHX	8	0
86	5	3898	OHX	1	0
86	n3	204	OHX	1	0
86	5	3997	OHX	1	0
86	5	4060	OHX	8	0
86	2	2092	OHX	1	0
86	1	3867	OHX	1	0
86	2	2155	OHX	1	0
86	O3	202	OHX	1	0
86	1	4107	OHX	1	0
86	6	2081	OHX	1	0
86	1	3977	OHX	1	0
86	1	4048	OHX	2	0
86	6	2138	OHX	1	0
86	5	4093	OHX	1	0

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Mol	Chain	Res	Type	Clashes	Symm-Clashes
86	5	4096	OHX	4	0
86	5	4193	OHX	11	0
86	1	3965	OHX	1	0
86	5	4085	OHX	2	0
86	6	2170	OHX	7	0
86	2	2099	OHX	7	0
86	5	3952	OHX	2	0
86	5	4167	OHX	1	0
86	6	2069	OHX	1	0
86	2	2111	OHX	3	0
86	1	4033	OHX	1	0
86	1	3886	OHX	2	0
86	5	4127	OHX	1	0
86	6	2074	OHX	1	0
86	Q2	502	OHX	2	0
86	1	4002	OHX	1	0
86	1	3885	OHX	1	0
86	2	2140	OHX	1	0
86	5	3979	OHX	1	0
88	1	4213	3J6	3	0
86	5	4045	OHX	1	0
86	2	2121	OHX	2	0
86	1	4194	OHX	1	0
86	1	4098	OHX	2	0
86	1	3894	OHX	1	0
86	2	2047	OHX	2	0
86	6	2070	OHX	2	0
86	5	4151	OHX	1	0
86	5	4179	OHX	1	0
86	1	4057	OHX	4	0
86	7	227	OHX	1	0
86	1	4203	OHX	1	0
86	5	3939	OHX	2	0
86	1	4028	OHX	2	0
86	4	232	OHX	2	0
86	6	2053	OHX	1	0
86	6	2153	OHX	1	0
86	5	3906	OHX	2	0
86	1	3910	OHX	1	0
86	1	4165	OHX	1	0
86	2	2070	OHX	3	0
86	2	2160	OHX	1	0

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Mol	Chain	Res	Type	Clashes	Symm-Clashes
86	2	2038	OHX	1	0
86	5	4186	OHX	3	0
86	6	2183	OHX	1	0
86	6	2082	OHX	1	0
86	1	3972	OHX	7	0
86	4	230	OHX	1	0
86	5	4148	OHX	1	0
86	2	2048	OHX	1	0
86	2	2054	OHX	1	0
86	5	4034	OHX	1	0
86	5	4087	OHX	2	0
86	6	2073	OHX	1	0
86	5	4176	OHX	1	0
86	2	2031	OHX	8	0
86	1	3882	OHX	1	0
86	1	3880	OHX	1	0
86	5	3975	OHX	1	0
86	1	3871	OHX	1	0
86	1	3986	OHX	1	0
86	2	2029	OHX	2	0
86	1	4195	OHX	1	0
86	6	2064	OHX	1	0
86	c5	201	OHX	2	0
86	5	3980	OHX	1	0
86	4	226	OHX	1	0
86	1	3876	OHX	1	0
86	5	4022	OHX	1	0
86	5	4172	OHX	1	0
86	6	2178	OHX	1	0
86	5	4000	OHX	1	0
86	6	2097	OHX	1	0
86	6	2078	OHX	1	0
86	1	4040	OHX	1	0
86	2	2093	OHX	1	0
86	1	4132	OHX	4	0
86	1	4188	OHX	1	0
86	1	3925	OHX	1	0
86	8	218	OHX	7	0
86	5	4141	OHX	1	0
86	5	3926	OHX	1	0
86	2	2067	OHX	1	0
86	5	4124	OHX	1	0

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Mol	Chain	Res	Type	Clashes	Symm-Clashes
86	5	4009	OHX	1	0
86	1	4182	OHX	1	0
86	2	2136	OHX	1	0
86	1	4022	OHX	1	0
86	5	3950	OHX	3	0
88	5	4246	3J6	7	0
86	O6	201	OHX	1	0
86	1	4159	OHX	1	0
86	5	4188	OHX	2	0
86	5	3916	OHX	1	0
86	1	3955	OHX	1	0
86	1	3966	OHX	1	0
86	5	3988	OHX	1	0
86	2	2165	OHX	1	0
86	8	219	OHX	1	0
86	5	3951	OHX	1	0
86	1	3921	OHX	1	0
86	1	4139	OHX	3	0
86	2	2076	OHX	2	0
86	6	2189	OHX	4	0
86	1	4099	OHX	1	0
86	1	4125	OHX	1	0
86	5	4168	OHX	1	0
86	2	2044	OHX	6	0
86	6	2096	OHX	1	0
86	5	3896	OHX	1	0
86	1	4039	OHX	2	0
86	5	4242	OHX	2	0
86	1	3998	OHX	2	0
86	5	3942	OHX	1	0
86	5	4084	OHX	5	0
86	5	4218	OHX	3	0
86	2	2083	OHX	1	0
86	L3	404	OHX	2	0
86	5	4113	OHX	1	0
86	1	4140	OHX	4	0
86	1	3928	OHX	2	0
86	1	4156	OHX	7	0
86	2	2130	OHX	1	0
86	5	3969	OHX	2	0
86	1	4146	OHX	1	0
86	1	4038	OHX	1	0

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Mol	Chain	Res	Type	Clashes	Symm-Clashes
86	1	4030	OHX	1	0
86	1	4076	OHX	1	0
86	O9	101	OHX	1	0
86	5	3971	OHX	8	0
86	6	2061	OHX	1	0
86	6	2111	OHX	1	0
86	2	2058	OHX	1	0
86	1	4168	OHX	3	0
86	6	2177	OHX	2	0
86	2	2082	OHX	1	0
86	2	2064	OHX	1	0
86	1	4011	OHX	1	0
86	2	2166	OHX	1	0
86	5	3976	OHX	2	0
86	5	4008	OHX	1	0
86	1	4141	OHX	1	0
86	1	3971	OHX	1	0
86	1	3958	OHX	1	0
86	1	3968	OHX	1	0
86	1	4177	OHX	1	0
86	5	4103	OHX	1	0
86	5	3995	OHX	4	0
86	5	4104	OHX	1	0
86	5	4101	OHX	2	0
86	s1	302	OHX	2	0
86	6	2113	OHX	2	0
86	1	4152	OHX	1	0
86	5	3911	OHX	1	0
86	2	2105	OHX	1	0
86	2	2156	OHX	1	0
86	5	4049	OHX	1	0
86	8	227	OHX	6	0
86	6	2192	OHX	1	0
86	1	4088	OHX	1	0
86	5	4013	OHX	1	0
86	6	2160	OHX	2	0
86	1	4004	OHX	6	0
86	1	4167	OHX	1	0
86	5	4105	OHX	2	0
86	6	2120	OHX	1	0
86	6	2048	OHX	1	0
86	2	2146	OHX	6	0

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Mol	Chain	Res	Type	Clashes	Symm-Clashes
86	1	4085	OHX	1	0
86	1	4064	OHX	1	0
86	5	4147	OHX	1	0
86	5	4208	OHX	2	0
86	1	3878	OHX	1	0
86	1	3984	OHX	1	0
86	6	2110	OHX	1	0
86	5	4196	OHX	1	0
86	m1	202	OHX	1	0
86	6	2152	OHX	2	0
86	2	2051	OHX	1	0
86	1	4118	OHX	1	0
86	3	226	OHX	1	0
86	1	4046	OHX	1	0
86	1	4133	OHX	1	0
86	O1	201	OHX	8	0
86	5	3900	OHX	2	0
86	1	4018	OHX	1	0
86	2	2095	OHX	1	0
86	1	4077	OHX	1	0
86	1	3898	OHX	1	0
86	1	4082	OHX	1	0
86	5	4114	OHX	2	0
86	6	2102	OHX	1	0
86	1	4043	OHX	1	0
86	6	2106	OHX	2	0
86	6	2190	OHX	3	0
86	1	4059	OHX	1	0
86	1	4066	OHX	1	0
86	1	4045	OHX	6	0
86	6	2191	OHX	1	0
86	6	2092	OHX	1	0
86	2	2042	OHX	1	0
86	6	2198	OHX	1	0
86	2	2117	OHX	1	0
86	6	2067	OHX	1	0
86	1	3975	OHX	1	0
86	6	2148	OHX	2	0
86	1	4160	OHX	1	0
86	5	3909	OHX	1	0
86	2	2108	OHX	1	0
86	6	2119	OHX	1	0

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Mol	Chain	Res	Type	Clashes	Symm-Clashes
86	2	2036	OHX	3	0
86	1	3946	OHX	1	0
86	5	4155	OHX	1	0
86	5	3918	OHX	1	0
86	6	2141	OHX	2	0
86	5	4136	OHX	1	0
86	6	2182	OHX	4	0
86	6	2184	OHX	2	0
86	5	4131	OHX	1	0
86	8	224	OHX	1	0
86	1	4202	OHX	2	0
86	1	4034	OHX	1	0
86	1	3913	OHX	2	0
86	M7	206	OHX	1	0
86	5	4140	OHX	1	0
86	5	3996	OHX	6	0
86	O7	103	OHX	3	0
86	l3	404	OHX	1	0
86	1	3964	OHX	2	0
86	4	225	OHX	1	0
86	5	4115	OHX	1	0
86	5	4066	OHX	1	0
86	1	4172	OHX	7	0
86	1	3943	OHX	1	0
86	1	4193	OHX	1	0
86	1	3973	OHX	1	0
86	5	3959	OHX	1	0
86	5	4205	OHX	1	0
86	2	2085	OHX	1	0
86	1	4000	OHX	1	0
86	2	2034	OHX	1	0
86	6	2103	OHX	2	0
86	2	2168	OHX	1	0
86	1	4179	OHX	1	0
86	2	2154	OHX	3	0
86	6	2194	OHX	1	0
86	6	2057	OHX	1	0
86	6	2054	OHX	1	0
86	5	4171	OHX	1	0
86	2	2072	OHX	2	0
86	2	2074	OHX	1	0
86	5	3947	OHX	1	0

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Mol	Chain	Res	Type	Clashes	Symm-Clashes
86	6	2121	OHX	2	0
86	5	4044	OHX	1	0
86	2	2039	OHX	2	0
86	1	4056	OHX	5	0
86	5	4244	OHX	1	0
86	2	2055	OHX	1	0
86	5	4190	OHX	1	0
86	2	2127	OHX	1	0
86	4	228	OHX	2	0
86	6	2157	OHX	2	0
86	6	2091	OHX	1	0
86	5	3915	OHX	1	0
86	5	4021	OHX	1	0
86	5	4007	OHX	2	0
86	5	4175	OHX	1	0
86	1	4122	OHX	2	0
86	5	4073	OHX	1	0
86	6	2166	OHX	1	0
86	1	3870	OHX	2	0
86	2	2089	OHX	1	0
86	1	3927	OHX	2	0
86	o3	203	OHX	1	0
86	5	3914	OHX	1	0
86	5	3966	OHX	5	0
86	5	4195	OHX	7	0
86	1	3926	OHX	1	0
86	1	4143	OHX	2	0
86	6	2128	OHX	3	0
86	8	221	OHX	1	0
86	2	2143	OHX	2	0
86	6	2099	OHX	3	0
86	5	3902	OHX	2	0
86	7	220	OHX	1	0
86	6	2058	OHX	6	0
86	1	4096	OHX	1	0
86	6	2175	OHX	2	0
86	5	4128	OHX	1	0
86	5	4173	OHX	1	0
86	1	4180	OHX	5	0
86	5	4005	OHX	6	0
86	6	2117	OHX	1	0
86	m0	303	OHX	1	0

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Mol	Chain	Res	Type	Clashes	Symm-Clashes
86	5	4154	OHX	1	0
86	5	4233	OHX	1	0
86	5	4185	OHX	1	0
86	2	2138	OHX	1	0
86	1	3895	OHX	1	0
86	6	2204	OHX	1	0
86	5	4156	OHX	1	0
86	o7	503	OHX	5	0
86	5	4001	OHX	1	0
86	6	2132	OHX	1	0
86	5	3910	OHX	3	0
86	5	3935	OHX	1	0
86	5	3967	OHX	1	0
86	5	4236	OHX	5	0
86	1	4128	OHX	2	0
86	5	3993	OHX	1	0
86	6	2142	OHX	1	0
86	5	4033	OHX	1	0
86	2	2113	OHX	1	0
86	5	4184	OHX	3	0
86	5	4010	OHX	1	0
86	2	2032	OHX	2	0
86	1	4144	OHX	1	0
86	1	3942	OHX	1	0
86	5	4215	OHX	1	0
86	1	4158	OHX	1	0
86	5	4213	OHX	1	0
86	2	2157	OHX	3	0
86	5	4194	OHX	2	0
86	1	3961	OHX	4	0
86	1	4014	OHX	2	0
86	5	4162	OHX	1	0
86	1	3908	OHX	1	0
86	1	4032	OHX	6	0
86	5	3924	OHX	1	0
86	6	2135	OHX	1	0
86	15	305	OHX	1	0
86	1	3935	OHX	2	0
86	1	3967	OHX	1	0
86	1	4049	OHX	1	0
86	D3	202	OHX	1	0
86	1	4009	OHX	1	0

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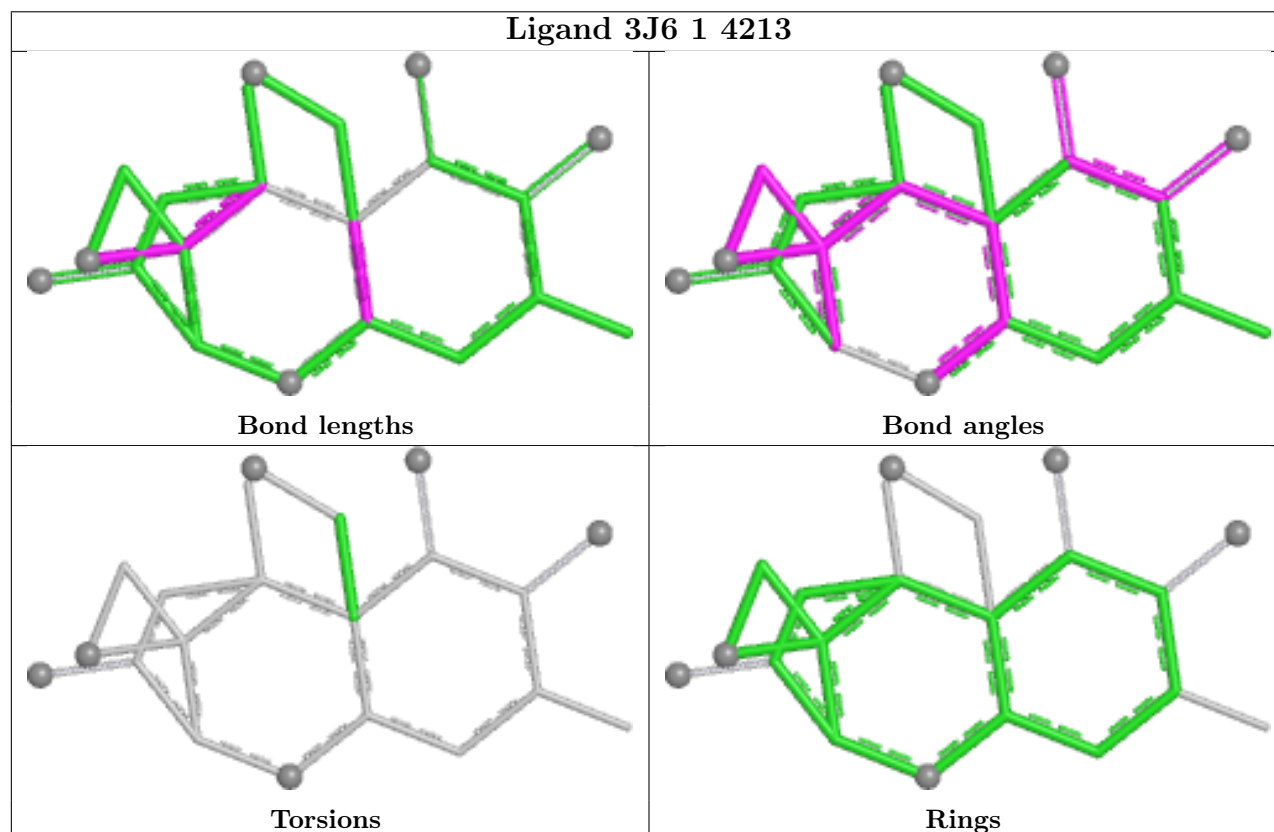
Mol	Chain	Res	Type	Clashes	Symm-Clashes
86	1	3934	OHX	3	0
86	8	230	OHX	1	0
86	2	2169	OHX	1	0
86	5	3955	OHX	5	0
86	5	4041	OHX	1	0
86	2	2159	OHX	1	0
86	1	3887	OHX	1	0
86	2	2026	OHX	3	0
86	5	3913	OHX	2	0
86	5	4091	OHX	1	0
86	5	4153	OHX	2	0
86	n9	102	OHX	2	0
86	2	2131	OHX	6	0
86	5	3936	OHX	7	0
86	1	4164	OHX	2	0
86	5	4099	OHX	2	0
86	6	2144	OHX	1	0
86	1	4044	OHX	3	0
86	6	2136	OHX	1	0
86	8	225	OHX	1	0
86	5	4047	OHX	1	0
86	2	2086	OHX	1	0
86	5	4237	OHX	1	0
86	6	2124	OHX	5	0
86	8	217	OHX	2	0
86	1	3869	OHX	1	0
86	3	221	OHX	2	0
86	1	4198	OHX	1	0
86	1	4075	OHX	1	0
86	6	2068	OHX	1	0
86	6	2104	OHX	1	0
86	6	2149	OHX	1	0
86	5	3928	OHX	1	0
86	2	2110	OHX	2	0
86	5	4012	OHX	1	0
86	5	4083	OHX	1	0
86	1	4135	OHX	1	0
86	1	3892	OHX	1	0
86	1	4147	OHX	1	0
86	5	4018	OHX	2	0
86	1	4063	OHX	1	0
86	7	221	OHX	1	0

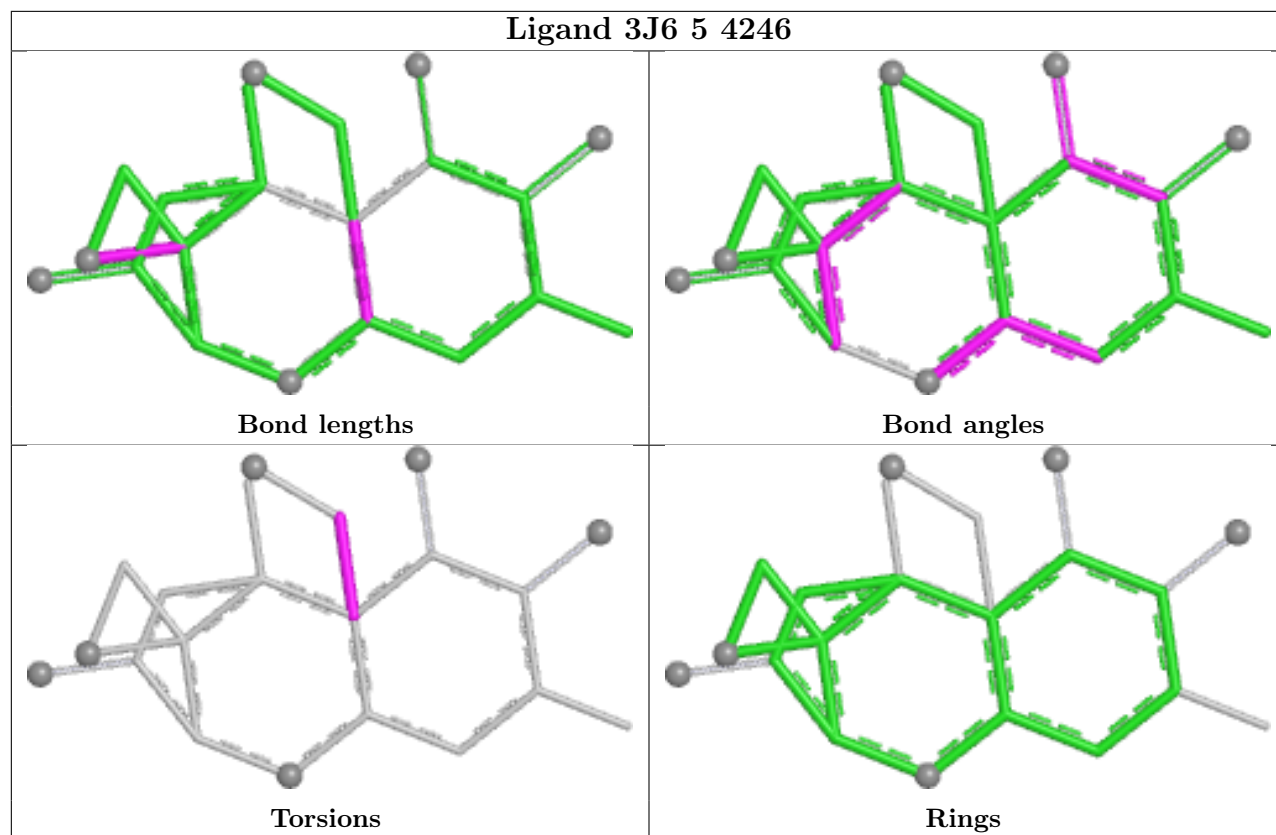
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Mol	Chain	Res	Type	Clashes	Symm-Clashes
86	5	4187	OHX	2	0
86	2	2035	OHX	1	0
86	5	4030	OHX	1	0
86	1	3941	OHX	2	0
86	5	4003	OHX	1	0
86	6	2186	OHX	2	0
86	6	2076	OHX	1	0
86	1	4142	OHX	1	0

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.





5.7 Other polymers [i](#)

There are no such residues in this entry.

5.8 Polymer linkage issues [i](#)

There are no chain breaks in this entry.

6 Fit of model and data ⓘ

6.1 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	1750/1800 (97%)	0.03	40 (2%) 61 42	56, 95, 173, 261	0
1	6	1795/1800 (99%)	-0.05	26 (1%) 73 55	45, 81, 195, 270	0
2	S0	206/251 (82%)	0.18	7 (3%) 48 32	95, 112, 128, 144	0
2	s0	206/251 (82%)	0.14	4 (1%) 66 48	80, 99, 117, 126	0
3	S1	214/254 (84%)	0.52	14 (6%) 25 17	100, 130, 157, 170	0
3	s1	216/254 (85%)	-0.04	1 (0%) 87 76	73, 89, 112, 120	0
4	S2	217/253 (85%)	0.11	5 (2%) 61 42	72, 90, 107, 127	0
4	s2	217/253 (85%)	0.01	7 (3%) 50 34	58, 75, 93, 98	0
5	S3	223/239 (93%)	0.06	4 (1%) 67 49	82, 94, 130, 144	0
5	s3	223/239 (93%)	0.33	12 (5%) 31 21	80, 123, 149, 162	0
6	S4	260/260 (100%)	0.11	8 (3%) 51 35	67, 95, 108, 128	0
6	s4	260/260 (100%)	-0.11	4 (1%) 72 53	55, 79, 93, 117	0
7	S5	206/224 (91%)	0.32	8 (3%) 43 29	102, 124, 143, 154	0
7	s5	206/224 (91%)	0.27	7 (3%) 48 32	71, 94, 119, 133	0
8	S6	226/236 (95%)	0.40	10 (4%) 39 25	69, 107, 127, 143	0
8	s6	218/236 (92%)	-0.01	3 (1%) 73 55	55, 87, 112, 138	0
9	S7	184/189 (97%)	0.25	3 (1%) 70 52	92, 121, 144, 153	0
9	s7	186/189 (98%)	0.23	8 (4%) 40 25	76, 111, 141, 146	0
10	S8	188/200 (94%)	0.25	7 (3%) 45 31	60, 77, 116, 133	0
10	s8	188/200 (94%)	0.11	2 (1%) 78 60	51, 73, 118, 135	0
11	S9	185/196 (94%)	0.38	6 (3%) 50 34	89, 103, 137, 167	0
11	s9	185/196 (94%)	0.27	12 (6%) 25 17	67, 84, 122, 152	0
12	C0	96/105 (91%)	0.37	5 (5%) 33 22	87, 109, 134, 158	0
12	c0	96/105 (91%)	1.17	18 (18%) 3 3	119, 159, 174, 184	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2			OWAB(Å ²)	Q<0.9
13	C1	155/155 (100%)	0.19	7 (4%)	38	25	63, 76, 128, 138	0
13	c1	146/155 (94%)	0.16	6 (4%)	41	27	56, 68, 102, 126	0
14	C2	124/142 (87%)	0.52	7 (5%)	30	20	138, 150, 176, 189	0
14	c2	124/142 (87%)	1.02	12 (9%)	13	11	203, 215, 229, 233	0
15	C3	150/150 (100%)	0.16	2 (1%)	75	56	72, 93, 109, 119	0
15	c3	150/150 (100%)	0.05	5 (3%)	49	33	63, 81, 98, 113	0
16	C4	127/136 (93%)	0.62	7 (5%)	30	21	70, 122, 138, 141	0
16	c4	128/136 (94%)	0.15	1 (0%)	82	68	55, 86, 96, 110	0
17	C5	124/141 (87%)	0.25	2 (1%)	70	52	87, 105, 143, 156	0
17	c5	135/141 (95%)	0.59	9 (6%)	24	16	87, 109, 140, 148	0
18	C6	141/142 (99%)	0.48	5 (3%)	47	31	87, 116, 124, 128	0
18	c6	142/142 (100%)	0.42	8 (5%)	30	20	67, 87, 106, 130	0
19	C7	120/136 (88%)	0.74	16 (13%)	7	6	99, 114, 140, 142	0
19	c7	117/136 (86%)	0.49	8 (6%)	23	16	83, 96, 123, 124	0
20	C8	145/145 (100%)	0.48	7 (4%)	35	24	89, 115, 138, 147	0
20	c8	145/145 (100%)	0.13	4 (2%)	55	36	73, 93, 112, 127	0
21	C9	143/143 (100%)	0.58	8 (5%)	30	20	97, 114, 128, 144	0
21	c9	143/143 (100%)	0.00	2 (1%)	73	55	67, 82, 102, 125	0
22	D0	107/120 (89%)	0.51	4 (3%)	45	31	80, 117, 150, 156	0
22	d0	110/120 (91%)	0.64	9 (8%)	17	13	76, 117, 162, 172	0
23	D1	87/87 (100%)	-0.03	2 (2%)	61	42	92, 100, 120, 131	0
23	d1	87/87 (100%)	-0.27	0	100	100	73, 85, 110, 123	0
24	D2	129/129 (100%)	0.05	3 (2%)	61	42	74, 85, 95, 106	0
24	d2	129/129 (100%)	-0.08	1 (0%)	82	68	56, 70, 79, 87	0
25	D3	144/144 (100%)	0.12	5 (3%)	47	31	62, 68, 82, 97	0
25	d3	144/144 (100%)	-0.12	2 (1%)	73	55	48, 53, 66, 86	0
26	D4	134/134 (100%)	0.29	6 (4%)	38	25	79, 108, 124, 131	0
26	d4	134/134 (100%)	0.21	6 (4%)	38	25	62, 90, 108, 132	0
27	D5	70/107 (65%)	0.27	1 (1%)	73	55	119, 136, 144, 146	0
27	d5	69/107 (64%)	0.17	1 (1%)	73	55	84, 108, 122, 128	0
28	D6	97/97 (100%)	0.42	2 (2%)	63	44	75, 87, 143, 152	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
28	d6	97/97 (100%)	0.11	2 (2%) 63 44	58, 67, 102, 110	0
29	D7	81/81 (100%)	0.37	1 (1%) 76 58	89, 104, 132, 137	0
29	d7	81/81 (100%)	0.18	1 (1%) 76 58	73, 91, 128, 133	0
30	D8	63/66 (95%)	0.53	3 (4%) 35 24	114, 127, 142, 152	0
30	d8	63/66 (95%)	0.10	0 100 100	89, 105, 125, 136	0
31	D9	53/55 (96%)	0.44	1 (1%) 66 48	82, 88, 110, 123	0
31	d9	53/55 (96%)	0.87	9 (16%) 4 4	78, 94, 151, 167	0
32	E0	60/60 (100%)	0.37	2 (3%) 49 33	68, 99, 136, 143	0
33	E1	71/76 (93%)	0.57	6 (8%) 16 13	108, 134, 145, 147	0
33	e1	76/76 (100%)	1.41	17 (22%) 2 2	145, 190, 202, 204	0
34	SR	318/318 (100%)	0.17	7 (2%) 62 43	72, 125, 144, 161	0
34	sR	318/318 (100%)	0.29	12 (3%) 44 30	98, 119, 136, 150	0
35	SM	159/273 (58%)	0.50	13 (8%) 17 13	65, 95, 145, 151	0
35	sM	104/273 (38%)	0.59	6 (5%) 29 19	63, 110, 201, 212	0
36	1	3149/3396 (92%)	-0.35	46 (1%) 72 53	31, 55, 142, 259	0
36	5	3150/3396 (92%)	-0.40	24 (0%) 82 68	30, 54, 128, 238	0
37	3	121/121 (100%)	-0.42	1 (0%) 82 68	44, 73, 90, 96	0
37	7	121/121 (100%)	-0.54	1 (0%) 82 68	34, 56, 70, 77	0
38	4	158/158 (100%)	-0.48	2 (1%) 75 56	37, 58, 103, 140	0
38	8	158/158 (100%)	-0.33	3 (1%) 66 48	41, 67, 111, 136	0
39	L2	252/253 (99%)	-0.16	1 (0%) 88 79	36, 54, 72, 82	0
39	l2	252/253 (99%)	0.09	9 (3%) 46 31	37, 58, 79, 93	0
40	L3	386/386 (100%)	-0.14	1 (0%) 90 82	34, 57, 75, 114	0
40	l3	386/386 (100%)	-0.37	1 (0%) 90 82	30, 42, 59, 103	0
41	L4	361/361 (100%)	-0.28	1 (0%) 90 82	35, 49, 67, 80	0
41	l4	361/361 (100%)	-0.26	0 100 100	36, 54, 74, 92	0
42	L5	296/296 (100%)	0.01	3 (1%) 79 63	55, 79, 100, 125	0
42	l5	294/296 (99%)	-0.17	3 (1%) 79 63	43, 59, 88, 140	0
43	L6	156/175 (89%)	-0.31	0 100 100	42, 49, 72, 93	0
43	l6	157/175 (89%)	-0.19	2 (1%) 75 56	44, 52, 73, 91	0
44	L7	222/243 (91%)	-0.35	2 (0%) 81 65	34, 43, 75, 120	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
44	l7	223/243 (91%)	-0.38	0 100 100	32, 41, 80, 131	0
45	L8	233/255 (91%)	-0.05	3 (1%) 75 56	60, 77, 108, 128	0
45	l8	231/255 (90%)	0.13	5 (2%) 62 43	75, 90, 116, 125	0
46	L9	191/191 (100%)	-0.11	3 (1%) 70 52	52, 65, 80, 93	0
46	l9	191/191 (100%)	-0.12	1 (0%) 87 76	37, 48, 67, 81	0
47	M0	211/220 (95%)	-0.10	1 (0%) 87 76	45, 57, 94, 128	0
47	m0	213/220 (96%)	-0.10	4 (1%) 66 48	43, 64, 88, 110	0
48	M1	169/173 (97%)	0.13	4 (2%) 59 40	63, 85, 100, 110	0
48	m1	169/173 (97%)	-0.22	0 100 100	47, 62, 77, 92	0
49	M3	193/198 (97%)	-0.24	1 (0%) 87 76	37, 56, 99, 126	0
49	m3	194/198 (97%)	-0.10	0 100 100	49, 68, 114, 134	0
50	M4	136/137 (99%)	-0.31	1 (0%) 84 70	46, 55, 69, 82	0
50	m4	137/137 (100%)	-0.34	2 (1%) 72 53	38, 46, 66, 77	0
51	M5	203/203 (100%)	-0.09	1 (0%) 87 76	38, 52, 63, 71	0
51	m5	203/203 (100%)	0.28	6 (2%) 52 35	45, 61, 75, 81	0
52	M6	197/198 (99%)	-0.11	6 (3%) 52 35	35, 43, 65, 70	0
52	m6	197/198 (99%)	-0.33	1 (0%) 87 76	29, 33, 64, 71	0
53	M7	183/183 (100%)	-0.01	5 (2%) 56 37	40, 47, 107, 140	0
53	m7	155/183 (84%)	-0.25	0 100 100	35, 44, 55, 88	0
54	M8	185/185 (100%)	-0.18	0 100 100	37, 48, 64, 89	0
54	m8	185/185 (100%)	-0.20	0 100 100	39, 52, 62, 68	0
55	M9	188/188 (100%)	0.16	9 (4%) 35 24	56, 73, 155, 162	0
55	m9	188/188 (100%)	0.06	0 100 100	53, 66, 139, 150	0
56	N0	172/172 (100%)	-0.26	3 (1%) 69 50	44, 53, 67, 72	0
56	n0	172/172 (100%)	-0.26	2 (1%) 76 58	35, 42, 54, 68	0
57	N1	159/159 (100%)	-0.04	2 (1%) 75 56	42, 52, 97, 106	0
57	n1	159/159 (100%)	-0.14	2 (1%) 75 56	39, 44, 80, 84	0
58	N2	100/120 (83%)	0.15	1 (1%) 79 63	86, 102, 117, 130	0
58	n2	98/120 (81%)	0.16	2 (2%) 65 46	77, 92, 106, 108	0
59	N3	136/136 (100%)	-0.25	3 (2%) 62 43	42, 52, 67, 77	0
59	n3	136/136 (100%)	-0.39	1 (0%) 84 70	34, 41, 57, 62	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
60	N4	98/155 (63%)	0.57	12 (12%) 8 7	50, 70, 163, 168	0
60	n4	135/155 (87%)	0.10	4 (2%) 52 35	44, 92, 135, 152	0
61	N5	121/141 (85%)	-0.12	4 (3%) 49 33	51, 65, 88, 127	0
61	n5	120/141 (85%)	0.03	3 (2%) 58 39	56, 71, 92, 99	0
62	N6	126/126 (100%)	-0.06	2 (1%) 70 52	52, 59, 69, 79	0
62	n6	126/126 (100%)	0.14	3 (2%) 59 40	58, 66, 84, 92	0
63	N7	135/135 (100%)	0.01	1 (0%) 84 70	75, 90, 107, 117	0
63	n7	135/135 (100%)	0.15	3 (2%) 62 43	83, 98, 119, 129	0
64	N8	148/148 (100%)	-0.19	1 (0%) 84 70	34, 48, 72, 84	0
64	n8	148/148 (100%)	-0.19	0 100 100	40, 54, 73, 77	0
65	N9	58/58 (100%)	0.12	1 (1%) 69 50	47, 57, 100, 115	0
65	n9	58/58 (100%)	-0.01	0 100 100	37, 54, 81, 94	0
66	O0	97/104 (93%)	-0.02	2 (2%) 63 44	73, 83, 105, 111	0
66	o0	100/104 (96%)	0.06	2 (2%) 65 46	74, 86, 111, 122	0
67	O1	109/112 (97%)	0.01	2 (1%) 67 49	53, 64, 98, 111	0
67	o1	109/112 (97%)	-0.17	0 100 100	42, 55, 95, 112	0
68	O2	127/129 (98%)	-0.25	0 100 100	30, 43, 55, 68	0
68	o2	127/129 (98%)	-0.12	2 (1%) 70 52	32, 52, 65, 82	0
69	O3	106/106 (100%)	-0.12	2 (1%) 66 48	36, 42, 66, 76	0
69	o3	106/106 (100%)	-0.24	1 (0%) 81 65	34, 41, 68, 84	0
70	O4	112/119 (94%)	0.23	5 (4%) 38 25	55, 70, 115, 131	0
70	o4	112/119 (94%)	0.30	3 (2%) 56 37	52, 75, 118, 127	0
71	O5	119/119 (100%)	-0.07	2 (1%) 69 50	50, 67, 76, 77	0
71	o5	119/119 (100%)	0.02	4 (3%) 48 32	59, 74, 88, 94	0
72	O6	99/99 (100%)	-0.10	2 (2%) 65 46	56, 67, 98, 111	0
72	o6	99/99 (100%)	0.11	1 (1%) 79 63	62, 77, 94, 111	0
73	O7	87/87 (100%)	-0.03	1 (1%) 78 60	41, 46, 72, 92	0
73	o7	87/87 (100%)	0.04	1 (1%) 78 60	46, 51, 85, 129	0
74	O8	77/77 (100%)	0.04	0 100 100	81, 90, 113, 119	0
74	o8	77/77 (100%)	0.09	1 (1%) 75 56	81, 92, 108, 112	0
75	O9	50/50 (100%)	0.01	1 (2%) 65 46	49, 54, 59, 64	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
75	o9	50/50 (100%)	0.02	0 100 100	53, 57, 69, 79	0
76	Q0	52/52 (100%)	-0.01	0 100 100	48, 56, 75, 85	0
76	q0	52/52 (100%)	-0.24	0 100 100	33, 38, 49, 58	0
77	Q1	25/25 (100%)	0.52	3 (12%) 9 7	62, 64, 68, 72	0
77	q1	25/25 (100%)	0.15	0 100 100	47, 51, 64, 73	0
78	Q2	105/105 (100%)	-0.11	2 (1%) 66 48	39, 57, 80, 115	0
78	q2	105/105 (100%)	-0.20	1 (0%) 79 63	43, 56, 79, 106	0
79	Q3	91/91 (100%)	-0.32	0 100 100	46, 56, 76, 96	0
79	q3	91/91 (100%)	-0.21	0 100 100	43, 58, 73, 83	0
80	e0	62/62 (100%)	0.06	1 (1%) 70 52	61, 81, 122, 132	0
81	m2	0/160	-	-	-	-
82	p0	143/311 (45%)	0.54	7 (4%) 35 23	88, 107, 168, 173	0
83	p1	0/47	-	-	-	-
84	p2	0/46	-	-	-	-
All	All	33063/35344 (93%)	-0.03	708 (2%) 63 44	29, 72, 139, 270	0

The worst 5 of 708 RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
16	C4	15	GLY	9.1
33	e1	77	GLY	7.5
56	N0	1	MET	6.5
19	C7	53	TYR	5.8
17	c5	136	SER	5.8

6.2 Non-standard residues in protein, DNA, RNA chains ⓘ

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

6.3 Carbohydrates ⓘ

There are no oligosaccharides in this entry.

6.4 Ligands ⓘ

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(Å ²)	Q<0.9
85	MG	1	3809	1/1	-0.69	0.33	209,209,209,209	0
85	MG	6	2038	1/1	-0.18	0.46	113,113,113,113	0
85	MG	2	1966	1/1	0.09	0.46	123,123,123,123	0
85	MG	2	1993	1/1	0.11	0.29	121,121,121,121	0
85	MG	1	3654	1/1	0.17	0.40	107,107,107,107	0
85	MG	6	1914	1/1	0.20	0.36	89,89,89,89	0
85	MG	1	3819	1/1	0.21	0.30	123,123,123,123	0
85	MG	5	3771	1/1	0.21	0.32	140,140,140,140	0
85	MG	2	2002	1/1	0.29	0.28	124,124,124,124	0
85	MG	6	1909	1/1	0.35	0.32	123,123,123,123	0
85	MG	2	1958	1/1	0.35	0.48	100,100,100,100	0
85	MG	6	2043	1/1	0.37	0.41	106,106,106,106	0
85	MG	1	3627	1/1	0.38	0.37	104,104,104,104	0
85	MG	1	3406	1/1	0.40	0.21	129,129,129,129	0
85	MG	2	1987	1/1	0.40	0.14	101,101,101,101	0
85	MG	6	2014	1/1	0.42	0.23	154,154,154,154	0
85	MG	2	2020	1/1	0.45	0.33	100,100,100,100	0
85	MG	2	1965	1/1	0.49	0.32	95,95,95,95	0
85	MG	2	1989	1/1	0.50	0.35	122,122,122,122	0
85	MG	2	1952	1/1	0.51	0.30	115,115,115,115	0
85	MG	2	1950	1/1	0.52	0.51	106,106,106,106	0
85	MG	2	1976	1/1	0.53	0.30	101,101,101,101	0
85	MG	2	1953	1/1	0.54	0.26	110,110,110,110	0
85	MG	6	1967	1/1	0.54	0.25	99,99,99,99	0
85	MG	M1	201	1/1	0.55	0.17	83,83,83,83	0
85	MG	1	3637	1/1	0.55	0.39	78,78,78,78	0
85	MG	6	2028	1/1	0.56	0.45	91,91,91,91	0
85	MG	2	2017	1/1	0.56	0.35	80,80,80,80	0
85	MG	6	2037	1/1	0.58	0.44	100,100,100,100	0
85	MG	2	1944	1/1	0.58	0.27	75,75,75,75	0
85	MG	1	3702	1/1	0.60	0.34	80,80,80,80	0
85	MG	1	3865	1/1	0.60	0.19	70,70,70,70	0
85	MG	6	1940	1/1	0.61	0.23	95,95,95,95	0
85	MG	2	1973	1/1	0.61	0.57	99,99,99,99	0
85	MG	5	3411	1/1	0.61	0.46	44,44,44,44	0
85	MG	6	1985	1/1	0.61	0.21	102,102,102,102	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3787	1/1	0.61	0.18	64,64,64,64	0
86	OHX	6	2169	7/7	0.61	0.18	181,181,181,181	0
85	MG	2	2019	1/1	0.62	0.40	89,89,89,89	0
85	MG	6	1911	1/1	0.62	0.29	100,100,100,100	0
85	MG	5	3877	1/1	0.62	0.28	95,95,95,95	0
85	MG	6	1998	1/1	0.62	0.29	127,127,127,127	0
85	MG	2	1949	1/1	0.63	0.44	80,80,80,80	0
85	MG	5	3769	1/1	0.63	0.20	102,102,102,102	0
85	MG	2	1963	1/1	0.63	0.28	107,107,107,107	0
85	MG	6	1924	1/1	0.64	0.43	105,105,105,105	0
85	MG	5	3678	1/1	0.65	0.18	100,100,100,100	0
85	MG	5	3466	1/1	0.65	0.27	91,91,91,91	0
85	MG	2	2001	1/1	0.66	0.26	121,121,121,121	0
85	MG	2	1947	1/1	0.66	0.26	98,98,98,98	0
85	MG	1	3642	1/1	0.66	0.27	67,67,67,67	0
85	MG	2	1937	1/1	0.66	0.49	65,65,65,65	0
85	MG	1	3669	1/1	0.66	0.41	81,81,81,81	0
85	MG	1	3419	1/1	0.66	0.24	95,95,95,95	0
85	MG	5	3855	1/1	0.66	0.33	91,91,91,91	0
85	MG	1	3717	1/1	0.66	0.37	86,86,86,86	0
85	MG	1	3536	1/1	0.66	0.44	63,63,63,63	0
85	MG	5	3696	1/1	0.67	0.17	40,40,40,40	0
85	MG	6	1968	1/1	0.67	0.42	70,70,70,70	0
85	MG	6	1972	1/1	0.67	0.46	73,73,73,73	0
85	MG	2	1960	1/1	0.67	0.34	61,61,61,61	0
85	MG	2	1962	1/1	0.67	0.17	154,154,154,154	0
85	MG	2	1926	1/1	0.67	0.33	96,96,96,96	0
86	OHX	1	4185	7/7	0.67	0.17	194,194,194,194	0
85	MG	1	3823	1/1	0.67	0.11	55,55,55,55	0
85	MG	4	219	1/1	0.68	0.37	86,86,86,86	0
85	MG	2	1981	1/1	0.68	0.36	78,78,78,78	0
85	MG	2	1985	1/1	0.68	0.32	106,106,106,106	0
85	MG	6	1991	1/1	0.68	0.49	89,89,89,89	0
85	MG	1	3758	1/1	0.68	0.34	98,98,98,98	0
85	MG	2	1913	1/1	0.68	0.32	87,87,87,87	0
85	MG	2	1969	1/1	0.68	0.33	72,72,72,72	0
85	MG	6	2031	1/1	0.68	0.08	71,71,71,71	0
85	MG	6	1934	1/1	0.68	0.31	81,81,81,81	0
85	MG	1	3443	1/1	0.68	0.28	72,72,72,72	0
85	MG	1	3493	1/1	0.68	0.31	83,83,83,83	0
85	MG	1	3710	1/1	0.69	0.09	42,42,42,42	0
85	MG	2	1928	1/1	0.69	0.41	86,86,86,86	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3527	1/1	0.69	0.47	64,64,64,64	0
85	MG	2	2009	1/1	0.69	0.37	72,72,72,72	0
86	OHX	5	4216	7/7	0.69	0.17	189,189,189,189	0
87	ZN	d7	101	1/1	0.69	0.19	157,157,157,157	0
85	MG	1	3675	1/1	0.70	0.23	72,72,72,72	0
85	MG	1	3420	1/1	0.70	0.40	78,78,78,78	0
85	MG	5	3741	1/1	0.70	0.26	38,38,38,38	0
85	MG	2	1938	1/1	0.70	0.36	72,72,72,72	0
85	MG	2	1975	1/1	0.70	0.34	89,89,89,89	0
86	OHX	14	403	7/7	0.70	0.17	183,183,183,183	0
86	OHX	15	307	7/7	0.70	0.20	176,176,176,176	0
85	MG	5	3632	1/1	0.70	0.29	97,97,97,97	0
85	MG	6	1963	1/1	0.71	0.17	114,114,114,114	0
85	MG	2	1968	1/1	0.71	0.20	84,84,84,84	0
86	OHX	6	2191	7/7	0.71	0.21	172,172,172,172	0
86	OHX	6	2204	7/7	0.71	0.21	170,170,170,170	0
86	OHX	5	4198	7/7	0.71	0.20	159,159,159,159	0
85	MG	6	1935	1/1	0.71	0.32	58,58,58,58	0
85	MG	5	3730	1/1	0.71	0.28	76,76,76,76	0
85	MG	1	3665	1/1	0.71	0.10	72,72,72,72	0
85	MG	8	211	1/1	0.71	0.33	65,65,65,65	0
85	MG	L5	301	1/1	0.72	0.22	71,71,71,71	0
85	MG	5	3502	1/1	0.72	0.34	48,48,48,48	0
85	MG	2	1951	1/1	0.72	0.19	106,106,106,106	0
85	MG	M3	202	1/1	0.72	0.29	90,90,90,90	0
85	MG	6	2020	1/1	0.72	0.20	118,118,118,118	0
85	MG	6	1954	1/1	0.72	0.30	54,54,54,54	0
85	MG	1	3502	1/1	0.72	0.33	50,50,50,50	0
85	MG	2	1988	1/1	0.72	0.53	63,63,63,63	0
85	MG	3	212	1/1	0.72	0.12	80,80,80,80	0
86	OHX	5	4223	7/7	0.72	0.26	131,131,131,131	0
85	MG	6	1920	1/1	0.72	0.26	62,62,62,62	0
85	MG	1	3558	1/1	0.72	0.47	61,61,61,61	0
85	MG	5	3804	1/1	0.72	0.23	96,96,96,96	0
85	MG	1	3703	1/1	0.73	0.33	44,44,44,44	0
85	MG	1	3791	1/1	0.73	0.17	47,47,47,47	0
85	MG	2	1945	1/1	0.73	0.23	98,98,98,98	0
86	OHX	s1	303	7/7	0.73	0.19	180,180,180,180	0
85	MG	2	1917	1/1	0.73	0.40	52,52,52,52	0
85	MG	1	3735	1/1	0.73	0.18	90,90,90,90	0
85	MG	1	3862	1/1	0.73	0.12	126,126,126,126	0
86	OHX	5	4231	7/7	0.73	0.20	162,162,162,162	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3418	1/1	0.73	0.37	29,29,29,29	0
85	MG	5	3422	1/1	0.73	0.29	66,66,66,66	0
86	OHX	1	4188	7/7	0.73	0.24	149,149,149,149	0
85	MG	1	3474	1/1	0.74	0.41	78,78,78,78	0
85	MG	6	1902	1/1	0.74	0.28	50,50,50,50	0
86	OHX	1	4127	7/7	0.74	0.17	170,170,170,170	0
85	MG	2	1957	1/1	0.74	0.42	76,76,76,76	0
85	MG	5	3682	1/1	0.74	0.27	91,91,91,91	0
85	MG	2	1910	1/1	0.74	0.47	63,63,63,63	0
85	MG	1	3458	1/1	0.74	0.35	77,77,77,77	0
85	MG	5	3856	1/1	0.74	0.17	70,70,70,70	0
85	MG	1	3521	1/1	0.75	0.22	81,81,81,81	0
85	MG	q3	502	1/1	0.75	0.11	75,75,75,75	0
85	MG	1	3662	1/1	0.75	0.24	72,72,72,72	0
86	OHX	1	4177	7/7	0.75	0.20	161,161,161,161	0
85	MG	2	1940	1/1	0.75	0.28	70,70,70,70	0
85	MG	1	3550	1/1	0.75	0.29	43,43,43,43	0
86	OHX	O9	101	7/7	0.75	0.22	142,142,142,142	0
85	MG	5	3701	1/1	0.75	0.10	59,59,59,59	0
86	OHX	6	2184	7/7	0.75	0.23	146,146,146,146	0
85	MG	2	1932	1/1	0.75	0.24	71,71,71,71	0
85	MG	6	1904	1/1	0.75	0.36	75,75,75,75	0
85	MG	1	3571	1/1	0.75	0.48	48,48,48,48	0
86	OHX	5	4159	7/7	0.75	0.18	188,188,188,188	0
85	MG	1	3860	1/1	0.75	0.23	78,78,78,78	0
85	MG	6	1980	1/1	0.75	0.25	64,64,64,64	0
85	MG	5	3802	1/1	0.75	0.09	167,167,167,167	0
85	MG	1	3414	1/1	0.75	0.52	59,59,59,59	0
86	OHX	5	4234	7/7	0.75	0.16	199,199,199,199	0
85	MG	2	1915	1/1	0.75	0.48	79,79,79,79	0
86	OHX	l5	306	7/7	0.75	0.20	162,162,162,162	0
85	MG	2	1904	1/1	0.75	0.34	74,74,74,74	0
85	MG	6	2005	1/1	0.75	0.27	84,84,84,84	0
85	MG	2	1930	1/1	0.76	0.26	68,68,68,68	0
85	MG	6	1917	1/1	0.76	0.30	58,58,58,58	0
86	OHX	1	4193	7/7	0.76	0.18	154,154,154,154	0
86	OHX	4	236	7/7	0.76	0.25	149,149,149,149	0
86	OHX	L4	403	7/7	0.76	0.16	169,169,169,169	0
85	MG	2	1935	1/1	0.76	0.45	52,52,52,52	0
85	MG	1	3639	1/1	0.76	0.12	67,67,67,67	0
85	MG	5	3587	1/1	0.76	0.39	58,58,58,58	0
86	OHX	6	2190	7/7	0.76	0.18	163,163,163,163	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	6	1931	1/1	0.76	0.39	64,64,64,64	0
85	MG	5	3806	1/1	0.76	0.19	43,43,43,43	0
85	MG	1	3848	1/1	0.76	0.19	57,57,57,57	0
85	MG	6	1984	1/1	0.76	0.17	87,87,87,87	0
86	OHX	5	4183	7/7	0.76	0.16	181,181,181,181	0
85	MG	L4	401	1/1	0.76	0.21	68,68,68,68	0
85	MG	2	1931	1/1	0.76	0.55	66,66,66,66	0
85	MG	5	3706	1/1	0.76	0.24	104,104,104,104	0
86	OHX	5	4229	7/7	0.76	0.19	174,174,174,174	0
86	OHX	2	2162	7/7	0.76	0.15	191,191,191,191	0
85	MG	5	3725	1/1	0.76	0.17	103,103,103,103	0
86	OHX	1	4138	7/7	0.76	0.17	164,164,164,164	0
86	OHX	1	4169	7/7	0.76	0.16	178,178,178,178	0
86	OHX	1	4170	7/7	0.76	0.18	190,190,190,190	0
85	MG	6	1946	1/1	0.76	0.59	71,71,71,71	0
85	MG	1	3472	1/1	0.77	0.22	35,35,35,35	0
86	OHX	1	4201	7/7	0.77	0.22	159,159,159,159	0
85	MG	5	3790	1/1	0.77	0.19	73,73,73,73	0
85	MG	6	1951	1/1	0.77	0.43	80,80,80,80	0
85	MG	2	1907	1/1	0.77	0.48	60,60,60,60	0
86	OHX	6	2105	7/7	0.77	0.18	172,172,172,172	0
85	MG	5	3637	1/1	0.77	0.29	56,56,56,56	0
85	MG	5	3675	1/1	0.77	0.27	58,58,58,58	0
86	OHX	6	2186	7/7	0.77	0.17	158,158,158,158	0
85	MG	2	1936	1/1	0.77	0.39	57,57,57,57	0
85	MG	6	1965	1/1	0.77	0.23	68,68,68,68	0
85	MG	2	1933	1/1	0.77	0.38	82,82,82,82	0
85	MG	2	2007	1/1	0.77	0.58	54,54,54,54	0
86	OHX	2	2160	7/7	0.77	0.21	154,154,154,154	0
85	MG	1	3428	1/1	0.77	0.16	55,55,55,55	0
86	OHX	2	2173	7/7	0.77	0.17	186,186,186,186	0
86	OHX	5	4213	7/7	0.77	0.21	150,150,150,150	0
86	OHX	2	2177	7/7	0.77	0.14	198,198,198,198	0
85	MG	1	3784	1/1	0.77	0.27	52,52,52,52	0
85	MG	2	2022	1/1	0.77	0.34	128,128,128,128	0
85	MG	5	3732	1/1	0.77	0.37	79,79,79,79	0
85	MG	1	3667	1/1	0.77	0.30	57,57,57,57	0
86	OHX	5	4241	7/7	0.77	0.18	169,169,169,169	0
86	OHX	14	402	7/7	0.77	0.13	190,190,190,190	0
86	OHX	1	4175	7/7	0.77	0.17	159,159,159,159	0
85	MG	1	3454	1/1	0.77	0.42	65,65,65,65	0
85	MG	S8	301	1/1	0.77	0.23	62,62,62,62	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3774	1/1	0.77	0.20	87,87,87,87	0
85	MG	6	1928	1/1	0.78	0.36	78,78,78,78	0
85	MG	6	1929	1/1	0.78	0.34	59,59,59,59	0
85	MG	6	1930	1/1	0.78	0.18	57,57,57,57	0
85	MG	6	1981	1/1	0.78	0.27	81,81,81,81	0
86	OHX	6	2188	7/7	0.78	0.18	161,161,161,161	0
85	MG	N5	201	1/1	0.78	0.07	74,74,74,74	0
86	OHX	1	4111	7/7	0.78	0.17	175,175,175,175	0
85	MG	5	3480	1/1	0.78	0.26	87,87,87,87	0
85	MG	2	1998	1/1	0.78	0.34	74,74,74,74	0
86	OHX	5	4148	7/7	0.78	0.24	130,130,130,130	0
86	OHX	1	4165	7/7	0.78	0.12	229,229,229,229	0
85	MG	4	204	1/1	0.78	0.34	70,70,70,70	0
86	OHX	5	4191	7/7	0.78	0.17	169,169,169,169	0
85	MG	6	1906	1/1	0.78	0.28	50,50,50,50	0
86	OHX	1	4171	7/7	0.78	0.22	158,158,158,158	0
85	MG	5	3594	1/1	0.78	0.41	37,37,37,37	0
85	MG	D0	201	1/1	0.78	0.37	78,78,78,78	0
86	OHX	5	4224	7/7	0.78	0.13	206,206,206,206	0
85	MG	6	1950	1/1	0.78	0.31	44,44,44,44	0
85	MG	1	3404	1/1	0.78	0.35	57,57,57,57	0
85	MG	2	1908	1/1	0.78	0.29	77,77,77,77	0
86	OHX	1	4194	7/7	0.78	0.18	148,148,148,148	0
85	MG	1	3864	1/1	0.78	0.30	79,79,79,79	0
86	OHX	1	4205	7/7	0.78	0.21	141,141,141,141	0
85	MG	2	1901	1/1	0.78	0.38	83,83,83,83	0
85	MG	5	3881	1/1	0.78	0.33	68,68,68,68	0
86	OHX	m1	202	7/7	0.78	0.16	164,164,164,164	0
85	MG	M5	302	1/1	0.78	0.41	53,53,53,53	0
86	OHX	6	2177	7/7	0.79	0.24	146,146,146,146	0
85	MG	6	2006	1/1	0.79	0.13	63,63,63,63	0
85	MG	5	3736	1/1	0.79	0.33	76,76,76,76	0
85	MG	2	1956	1/1	0.79	0.35	83,83,83,83	0
86	OHX	1	4095	7/7	0.79	0.15	161,161,161,161	0
85	MG	2	1909	1/1	0.79	0.43	73,73,73,73	0
85	MG	1	3563	1/1	0.79	0.32	51,51,51,51	0
85	MG	L2	301	1/1	0.79	0.30	38,38,38,38	0
86	OHX	5	4103	7/7	0.79	0.20	140,140,140,140	0
85	MG	6	2035	1/1	0.79	0.22	65,65,65,65	0
85	MG	6	1941	1/1	0.79	0.34	52,52,52,52	0
85	MG	6	1922	1/1	0.79	0.44	63,63,63,63	0
85	MG	6	2040	1/1	0.79	0.24	84,84,84,84	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3408	1/1	0.79	0.33	46,46,46,46	0
85	MG	5	3819	1/1	0.79	0.18	96,96,96,96	0
85	MG	5	3831	1/1	0.79	0.16	40,40,40,40	0
86	OHX	5	4221	7/7	0.79	0.17	155,155,155,155	0
85	MG	5	3686	1/1	0.79	0.17	84,84,84,84	0
85	MG	5	3689	1/1	0.79	0.32	66,66,66,66	0
85	MG	2	1943	1/1	0.79	0.40	73,73,73,73	0
86	OHX	1	4195	7/7	0.79	0.16	171,171,171,171	0
86	OHX	5	4233	7/7	0.79	0.17	167,167,167,167	0
85	MG	6	1953	1/1	0.79	0.37	66,66,66,66	0
86	OHX	5	4235	7/7	0.79	0.13	245,245,245,245	0
85	MG	5	3886	1/1	0.79	0.09	86,86,86,86	0
86	OHX	5	4242	7/7	0.79	0.18	145,145,145,145	0
86	OHX	5	4243	7/7	0.79	0.19	164,164,164,164	0
85	MG	6	1907	1/1	0.79	0.31	75,75,75,75	0
85	MG	3	201	1/1	0.79	0.25	76,76,76,76	0
86	OHX	M7	206	7/7	0.79	0.18	156,156,156,156	0
86	OHX	2	2154	7/7	0.79	0.16	169,169,169,169	0
85	MG	5	3479	1/1	0.79	0.41	68,68,68,68	0
86	OHX	m4	201	7/7	0.79	0.11	221,221,221,221	0
86	OHX	2	2161	7/7	0.79	0.16	192,192,192,192	0
85	MG	1	3528	1/1	0.80	0.33	43,43,43,43	0
85	MG	6	1939	1/1	0.80	0.39	69,69,69,69	0
86	OHX	6	2193	7/7	0.80	0.15	193,193,193,193	0
86	OHX	6	2200	7/7	0.80	0.18	172,172,172,172	0
85	MG	5	3709	1/1	0.80	0.17	47,47,47,47	0
85	MG	5	3711	1/1	0.80	0.17	51,51,51,51	0
85	MG	5	3521	1/1	0.80	0.37	33,33,33,33	0
85	MG	6	2034	1/1	0.80	0.29	83,83,83,83	0
85	MG	5	3547	1/1	0.80	0.38	59,59,59,59	0
86	OHX	5	4166	7/7	0.80	0.15	185,185,185,185	0
85	MG	1	3701	1/1	0.80	0.14	65,65,65,65	0
85	MG	M7	203	1/1	0.80	0.20	36,36,36,36	0
86	OHX	2	2145	7/7	0.80	0.16	163,163,163,163	0
86	OHX	2	2150	7/7	0.80	0.16	182,182,182,182	0
85	MG	2	1974	1/1	0.80	0.33	66,66,66,66	0
85	MG	1	3584	1/1	0.80	0.31	41,41,41,41	0
86	OHX	5	4222	7/7	0.80	0.15	174,174,174,174	0
86	OHX	1	4209	7/7	0.80	0.24	149,149,149,149	0
85	MG	1	3608	1/1	0.80	0.26	85,85,85,85	0
86	OHX	5	4225	7/7	0.80	0.17	176,176,176,176	0
85	MG	1	3609	1/1	0.80	0.45	63,63,63,63	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	2	2006	1/1	0.80	0.37	86,86,86,86	0
86	OHX	O4	201	7/7	0.80	0.20	160,160,160,160	0
85	MG	5	3797	1/1	0.80	0.19	82,82,82,82	0
86	OHX	2	2178	7/7	0.80	0.19	170,170,170,170	0
86	OHX	6	2131	7/7	0.80	0.18	177,177,177,177	0
86	OHX	6	2154	7/7	0.80	0.13	198,198,198,198	0
86	OHX	1	4064	7/7	0.80	0.18	152,152,152,152	0
86	OHX	6	2172	7/7	0.80	0.20	176,176,176,176	0
85	MG	1	3752	1/1	0.80	0.13	49,49,49,49	0
86	OHX	6	2178	7/7	0.80	0.18	156,156,156,156	0
86	OHX	6	2183	7/7	0.80	0.17	168,168,168,168	0
85	MG	6	1933	1/1	0.80	0.43	75,75,75,75	0
85	MG	2	2011	1/1	0.80	0.13	61,61,61,61	0
87	ZN	D7	101	1/1	0.80	0.12	153,153,153,153	0
85	MG	5	3818	1/1	0.80	0.18	51,51,51,51	0
86	OHX	d4	201	7/7	0.81	0.13	181,181,181,181	0
85	MG	5	3517	1/1	0.81	0.34	21,21,21,21	0
85	MG	o1	201	1/1	0.81	0.14	81,81,81,81	0
85	MG	1	3415	1/1	0.81	0.35	34,34,34,34	0
85	MG	1	3481	1/1	0.81	0.26	34,34,34,34	0
86	OHX	5	4174	7/7	0.81	0.16	167,167,167,167	0
85	MG	6	2029	1/1	0.81	0.24	113,113,113,113	0
85	MG	5	3563	1/1	0.81	0.44	32,32,32,32	0
85	MG	5	3770	1/1	0.81	0.24	72,72,72,72	0
85	MG	5	3573	1/1	0.81	0.48	38,38,38,38	0
86	OHX	5	4215	7/7	0.81	0.17	159,159,159,159	0
85	MG	1	3593	1/1	0.81	0.33	72,72,72,72	0
85	MG	1	3548	1/1	0.81	0.21	75,75,75,75	0
86	OHX	M9	203	7/7	0.81	0.13	182,182,182,182	0
85	MG	1	3808	1/1	0.81	0.16	39,39,39,39	0
85	MG	1	3708	1/1	0.81	0.34	73,73,73,73	0
86	OHX	1	4063	7/7	0.81	0.19	143,143,143,143	0
85	MG	1	3815	1/1	0.81	0.09	51,51,51,51	0
85	MG	1	3816	1/1	0.81	0.14	49,49,49,49	0
86	OHX	1	4100	7/7	0.81	0.15	179,179,179,179	0
85	MG	2	1982	1/1	0.81	0.20	77,77,77,77	0
86	OHX	1	4125	7/7	0.81	0.24	133,133,133,133	0
86	OHX	5	4239	7/7	0.81	0.17	182,182,182,182	0
85	MG	L3	403	1/1	0.81	0.15	46,46,46,46	0
85	MG	2	1912	1/1	0.81	0.33	72,72,72,72	0
86	OHX	1	4145	7/7	0.81	0.17	170,170,170,170	0
86	OHX	1	4159	7/7	0.81	0.15	170,170,170,170	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	6	1949	1/1	0.81	0.36	55,55,55,55	0
85	MG	1	3836	1/1	0.81	0.39	43,43,43,43	0
85	MG	2	2018	1/1	0.81	0.26	78,78,78,78	0
85	MG	6	2013	1/1	0.81	0.18	77,77,77,77	0
85	MG	1	3850	1/1	0.81	0.27	61,61,61,61	0
85	MG	5	3512	1/1	0.81	0.30	60,60,60,60	0
85	MG	8	201	1/1	0.81	0.21	94,94,94,94	0
85	MG	5	3879	1/1	0.82	0.29	63,63,63,63	0
85	MG	1	3498	1/1	0.82	0.40	35,35,35,35	0
85	MG	1	3585	1/1	0.82	0.33	55,55,55,55	0
85	MG	6	2012	1/1	0.82	0.13	62,62,62,62	0
86	OHX	5	4093	7/7	0.82	0.22	135,135,135,135	0
85	MG	5	3484	1/1	0.82	0.21	77,77,77,77	0
86	OHX	5	4133	7/7	0.82	0.22	158,158,158,158	0
86	OHX	1	4181	7/7	0.82	0.18	152,152,152,152	0
85	MG	m7	204	1/1	0.82	0.20	37,37,37,37	0
85	MG	6	1952	1/1	0.82	0.28	62,62,62,62	0
85	MG	2	1924	1/1	0.82	0.39	89,89,89,89	0
86	OHX	2	2134	7/7	0.82	0.16	165,165,165,165	0
86	OHX	2	2137	7/7	0.82	0.14	185,185,185,185	0
85	MG	5	3514	1/1	0.82	0.24	48,48,48,48	0
85	MG	2	1906	1/1	0.82	0.25	57,57,57,57	0
86	OHX	5	4214	7/7	0.82	0.12	194,194,194,194	0
85	MG	N0	201	1/1	0.82	0.13	54,54,54,54	0
86	OHX	1	4212	7/7	0.82	0.17	174,174,174,174	0
86	OHX	2	2159	7/7	0.82	0.16	165,165,165,165	0
85	MG	2	1914	1/1	0.82	0.42	76,76,76,76	0
85	MG	1	3457	1/1	0.82	0.28	49,49,49,49	0
85	MG	1	3411	1/1	0.82	0.25	50,50,50,50	0
85	MG	5	3569	1/1	0.82	0.36	34,34,34,34	0
85	MG	2	1967	1/1	0.82	0.23	95,95,95,95	0
85	MG	2	2008	1/1	0.82	0.28	66,66,66,66	0
86	OHX	S6	301	7/7	0.82	0.15	170,170,170,170	0
86	OHX	6	2134	7/7	0.82	0.18	152,152,152,152	0
86	OHX	6	2150	7/7	0.82	0.17	172,172,172,172	0
86	OHX	5	4237	7/7	0.82	0.15	186,186,186,186	0
85	MG	2	1946	1/1	0.82	0.19	72,72,72,72	0
85	MG	5	3624	1/1	0.82	0.31	48,48,48,48	0
85	MG	6	1910	1/1	0.82	0.34	53,53,53,53	0
85	MG	1	3834	1/1	0.82	0.35	59,59,59,59	0
85	MG	c8	201	1/1	0.82	0.47	81,81,81,81	0
85	MG	5	3403	1/1	0.82	0.35	66,66,66,66	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	6	1989	1/1	0.82	0.19	103,103,103,103	0
86	OHX	1	4134	7/7	0.82	0.18	145,145,145,145	0
85	MG	1	3729	1/1	0.82	0.22	68,68,68,68	0
85	MG	2	1923	1/1	0.82	0.28	63,63,63,63	0
85	MG	5	3873	1/1	0.82	0.26	27,27,27,27	0
85	MG	5	3429	1/1	0.82	0.14	80,80,80,80	0
85	MG	1	3691	1/1	0.83	0.17	52,52,52,52	0
85	MG	5	3469	1/1	0.83	0.12	109,109,109,109	0
85	MG	1	3777	1/1	0.83	0.20	62,62,62,62	0
85	MG	1	3515	1/1	0.83	0.42	40,40,40,40	0
86	OHX	6	2185	7/7	0.83	0.12	189,189,189,189	0
85	MG	M9	201	1/1	0.83	0.29	70,70,70,70	0
86	OHX	6	2187	7/7	0.83	0.15	169,169,169,169	0
86	OHX	1	4141	7/7	0.83	0.19	154,154,154,154	0
85	MG	M9	202	1/1	0.83	0.25	62,62,62,62	0
86	OHX	1	4146	7/7	0.83	0.17	144,144,144,144	0
86	OHX	1	4152	7/7	0.83	0.18	162,162,162,162	0
85	MG	2	1955	1/1	0.83	0.21	63,63,63,63	0
85	MG	5	4249	1/1	0.83	0.31	49,49,49,49	0
86	OHX	1	4168	7/7	0.83	0.20	126,126,126,126	0
85	MG	1	3429	1/1	0.83	0.48	44,44,44,44	0
86	OHX	d9	102	7/7	0.83	0.15	190,190,190,190	0
85	MG	2	1977	1/1	0.83	0.34	61,61,61,61	0
85	MG	6	1903	1/1	0.83	0.33	51,51,51,51	0
85	MG	n6	202	1/1	0.83	0.30	56,56,56,56	0
86	OHX	5	4146	7/7	0.83	0.16	167,167,167,167	0
85	MG	2	1992	1/1	0.83	0.24	61,61,61,61	0
85	MG	5	3544	1/1	0.83	0.43	51,51,51,51	0
86	OHX	5	4164	7/7	0.83	0.17	151,151,151,151	0
86	OHX	1	4184	7/7	0.83	0.17	162,162,162,162	0
86	OHX	2	2091	7/7	0.83	0.15	182,182,182,182	0
86	OHX	1	4186	7/7	0.83	0.16	151,151,151,151	0
86	OHX	5	4190	7/7	0.83	0.21	147,147,147,147	0
86	OHX	1	4187	7/7	0.83	0.19	139,139,139,139	0
85	MG	6	1936	1/1	0.83	0.32	80,80,80,80	0
86	OHX	5	4201	7/7	0.83	0.18	157,157,157,157	0
86	OHX	5	4212	7/7	0.83	0.14	165,165,165,165	0
85	MG	5	3745	1/1	0.83	0.14	73,73,73,73	0
86	OHX	2	2139	7/7	0.83	0.17	182,182,182,182	0
85	MG	5	3753	1/1	0.83	0.15	57,57,57,57	0
85	MG	5	3549	1/1	0.83	0.37	59,59,59,59	0
86	OHX	5	4219	7/7	0.83	0.17	160,160,160,160	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	5	4220	7/7	0.83	0.15	169,169,169,169	0
86	OHX	1	4203	7/7	0.83	0.19	152,152,152,152	0
86	OHX	2	2153	7/7	0.83	0.14	191,191,191,191	0
85	MG	1	3509	1/1	0.83	0.25	56,56,56,56	0
86	OHX	1	4210	7/7	0.83	0.13	191,191,191,191	0
86	OHX	1	4211	7/7	0.83	0.22	151,151,151,151	0
85	MG	6	2206	1/1	0.83	0.28	53,53,53,53	0
86	OHX	4	233	7/7	0.83	0.16	161,161,161,161	0
85	MG	c7	201	1/1	0.83	0.19	80,80,80,80	0
85	MG	5	3778	1/1	0.83	0.18	92,92,92,92	0
85	MG	5	3581	1/1	0.83	0.42	58,58,58,58	0
86	OHX	2	2163	7/7	0.83	0.18	148,148,148,148	0
86	OHX	5	4238	7/7	0.83	0.18	152,152,152,152	0
86	OHX	2	2171	7/7	0.83	0.17	168,168,168,168	0
85	MG	1	3721	1/1	0.83	0.23	83,83,83,83	0
85	MG	1	3556	1/1	0.83	0.35	39,39,39,39	0
86	OHX	6	2118	7/7	0.83	0.21	131,131,131,131	0
86	OHX	7	227	7/7	0.83	0.16	146,146,146,146	0
86	OHX	8	228	7/7	0.83	0.16	154,154,154,154	0
86	OHX	6	2124	7/7	0.83	0.41	120,120,120,120	0
85	MG	5	3607	1/1	0.83	0.26	33,33,33,33	0
85	MG	1	3622	1/1	0.83	0.20	75,75,75,75	0
86	OHX	6	2146	7/7	0.83	0.17	150,150,150,150	0
85	MG	1	3743	1/1	0.83	0.13	62,62,62,62	0
85	MG	5	3419	1/1	0.83	0.21	96,96,96,96	0
86	OHX	o7	503	7/7	0.83	0.20	143,143,143,143	0
85	MG	1	3841	1/1	0.83	0.27	67,67,67,67	0
85	MG	1	3514	1/1	0.83	0.33	32,32,32,32	0
86	OHX	1	4198	7/7	0.84	0.20	142,142,142,142	0
86	OHX	1	4199	7/7	0.84	0.15	178,178,178,178	0
86	OHX	5	4114	7/7	0.84	0.17	137,137,137,137	0
85	MG	5	3695	1/1	0.84	0.23	81,81,81,81	0
85	MG	1	3641	1/1	0.84	0.25	57,57,57,57	0
85	MG	2	1941	1/1	0.84	0.23	79,79,79,79	0
86	OHX	D9	102	7/7	0.84	0.16	175,175,175,175	0
86	OHX	1	4028	7/7	0.84	0.18	140,140,140,140	0
85	MG	N3	201	1/1	0.84	0.27	40,40,40,40	0
85	MG	1	3592	1/1	0.84	0.39	54,54,54,54	0
86	OHX	5	4176	7/7	0.84	0.15	159,159,159,159	0
86	OHX	3	224	7/7	0.84	0.15	176,176,176,176	0
85	MG	6	2039	1/1	0.84	0.27	66,66,66,66	0
86	OHX	1	4097	7/7	0.84	0.14	168,168,168,168	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	2	2021	1/1	0.84	0.26	99,99,99,99	0
86	OHX	M7	205	7/7	0.84	0.46	122,122,122,122	0
86	OHX	5	4206	7/7	0.84	0.15	159,159,159,159	0
85	MG	7	201	1/1	0.84	0.32	42,42,42,42	0
85	MG	5	3537	1/1	0.84	0.42	35,35,35,35	0
85	MG	1	3714	1/1	0.84	0.19	49,49,49,49	0
86	OHX	1	4130	7/7	0.84	0.16	164,164,164,164	0
85	MG	2	1980	1/1	0.84	0.42	67,67,67,67	0
86	OHX	5	4217	7/7	0.84	0.14	159,159,159,159	0
86	OHX	5	4218	7/7	0.84	0.21	140,140,140,140	0
85	MG	1	3421	1/1	0.84	0.25	44,44,44,44	0
85	MG	1	3822	1/1	0.84	0.17	47,47,47,47	0
85	MG	1	3459	1/1	0.84	0.33	37,37,37,37	0
85	MG	2	1991	1/1	0.84	0.14	61,61,61,61	0
86	OHX	6	2138	7/7	0.84	0.18	154,154,154,154	0
86	OHX	1	4147	7/7	0.84	0.15	159,159,159,159	0
86	OHX	2	2108	7/7	0.84	0.17	158,158,158,158	0
86	OHX	2	2116	7/7	0.84	0.15	169,169,169,169	0
86	OHX	1	4160	7/7	0.84	0.14	176,176,176,176	0
85	MG	1	3679	1/1	0.84	0.22	68,68,68,68	0
85	MG	1	3690	1/1	0.84	0.19	92,92,92,92	0
85	MG	2	1970	1/1	0.84	0.23	90,90,90,90	0
86	OHX	6	2181	7/7	0.84	0.20	150,150,150,150	0
85	MG	6	1918	1/1	0.84	0.30	78,78,78,78	0
86	OHX	2	2148	7/7	0.84	0.19	128,128,128,128	0
85	MG	6	1919	1/1	0.84	0.29	46,46,46,46	0
85	MG	5	3626	1/1	0.84	0.24	38,38,38,38	0
85	MG	1	3764	1/1	0.84	0.17	39,39,39,39	0
86	OHX	5	4245	7/7	0.84	0.13	177,177,177,177	0
85	MG	1	3856	1/1	0.84	0.47	67,67,67,67	0
85	MG	6	1959	1/1	0.84	0.33	57,57,57,57	0
86	OHX	8	230	7/7	0.84	0.18	144,144,144,144	0
85	MG	5	3481	1/1	0.84	0.27	45,45,45,45	0
85	MG	1	3442	1/1	0.84	0.26	27,27,27,27	0
86	OHX	6	2195	7/7	0.84	0.14	179,179,179,179	0
85	MG	5	3685	1/1	0.84	0.38	59,59,59,59	0
86	OHX	6	2203	7/7	0.84	0.19	167,167,167,167	0
85	MG	5	3487	1/1	0.84	0.27	54,54,54,54	0
85	MG	5	3499	1/1	0.84	0.28	42,42,42,42	0
86	OHX	2	2176	7/7	0.84	0.12	189,189,189,189	0
86	OHX	1	4196	7/7	0.84	0.18	137,137,137,137	0
85	MG	5	3777	1/1	0.85	0.38	88,88,88,88	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3494	1/1	0.85	0.21	44,44,44,44	0
85	MG	1	3495	1/1	0.85	0.30	49,49,49,49	0
86	OHX	5	4094	7/7	0.85	0.16	153,153,153,153	0
86	OHX	2	2170	7/7	0.85	0.15	165,165,165,165	0
86	OHX	5	4105	7/7	0.85	0.16	147,147,147,147	0
85	MG	1	3845	1/1	0.85	0.22	60,60,60,60	0
86	OHX	2	2172	7/7	0.85	0.17	166,166,166,166	0
86	OHX	5	4135	7/7	0.85	0.18	147,147,147,147	0
86	OHX	5	4136	7/7	0.85	0.16	139,139,139,139	0
85	MG	6	1970	1/1	0.85	0.20	61,61,61,61	0
85	MG	1	3539	1/1	0.85	0.33	23,23,23,23	0
86	OHX	5	4152	7/7	0.85	0.18	153,153,153,153	0
86	OHX	5	4154	7/7	0.85	0.20	144,144,144,144	0
85	MG	5	3593	1/1	0.85	0.31	45,45,45,45	0
85	MG	6	1976	1/1	0.85	0.24	68,68,68,68	0
85	MG	5	3810	1/1	0.85	0.17	86,86,86,86	0
85	MG	sM	301	1/1	0.85	0.20	51,51,51,51	0
85	MG	1	3754	1/1	0.85	0.21	58,58,58,58	0
86	OHX	5	4181	7/7	0.85	0.17	145,145,145,145	0
86	OHX	5	4182	7/7	0.85	0.23	134,134,134,134	0
85	MG	5	3625	1/1	0.85	0.37	44,44,44,44	0
86	OHX	5	4184	7/7	0.85	0.18	141,141,141,141	0
86	OHX	4	232	7/7	0.85	0.18	131,131,131,131	0
85	MG	1	3547	1/1	0.85	0.29	43,43,43,43	0
85	MG	1	3471	1/1	0.85	0.28	40,40,40,40	0
86	OHX	5	4199	7/7	0.85	0.17	157,157,157,157	0
85	MG	1	3500	1/1	0.85	0.39	84,84,84,84	0
86	OHX	5	4203	7/7	0.85	0.19	139,139,139,139	0
85	MG	5	3663	1/1	0.85	0.25	56,56,56,56	0
85	MG	1	3863	1/1	0.85	0.37	51,51,51,51	0
85	MG	1	3638	1/1	0.85	0.39	75,75,75,75	0
85	MG	5	3437	1/1	0.85	0.37	56,56,56,56	0
86	OHX	O6	201	7/7	0.85	0.17	135,135,135,135	0
85	MG	2	1990	1/1	0.85	0.17	111,111,111,111	0
85	MG	6	2001	1/1	0.85	0.12	57,57,57,57	0
85	MG	1	3705	1/1	0.85	0.17	46,46,46,46	0
85	MG	3	211	1/1	0.85	0.19	80,80,80,80	0
86	OHX	1	4142	7/7	0.85	0.13	155,155,155,155	0
85	MG	6	2010	1/1	0.85	0.12	55,55,55,55	0
85	MG	1	3507	1/1	0.85	0.33	33,33,33,33	0
86	OHX	6	2139	7/7	0.85	0.12	192,192,192,192	0
85	MG	3	213	1/1	0.85	0.30	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	MG	3	214	1/1	0.85	0.23	65,65,65,65	0
86	OHX	5	4226	7/7	0.85	0.20	152,152,152,152	0
85	MG	1	3437	1/1	0.85	0.27	35,35,35,35	0
86	OHX	6	2162	7/7	0.85	0.12	202,202,202,202	0
86	OHX	6	2165	7/7	0.85	0.12	197,197,197,197	0
86	OHX	6	2168	7/7	0.85	0.15	178,178,178,178	0
85	MG	5	3508	1/1	0.85	0.29	38,38,38,38	0
86	OHX	1	4164	7/7	0.85	0.17	143,143,143,143	0
85	MG	1	3475	1/1	0.85	0.29	37,37,37,37	0
86	OHX	1	4166	7/7	0.85	0.36	120,120,120,120	0
86	OHX	1	4167	7/7	0.85	0.17	131,131,131,131	0
85	MG	2	1929	1/1	0.85	0.39	79,79,79,79	0
85	MG	S2	301	1/1	0.85	0.38	64,64,64,64	0
85	MG	6	2033	1/1	0.85	0.37	64,64,64,64	0
85	MG	5	3743	1/1	0.85	0.31	48,48,48,48	0
85	MG	6	1958	1/1	0.85	0.39	60,60,60,60	0
86	OHX	1	4176	7/7	0.85	0.21	137,137,137,137	0
86	OHX	2	2149	7/7	0.85	0.13	179,179,179,179	0
85	MG	1	3524	1/1	0.85	0.25	44,44,44,44	0
85	MG	5	3542	1/1	0.85	0.38	75,75,75,75	0
85	MG	6	2036	1/1	0.85	0.28	74,74,74,74	0
86	OHX	m0	303	7/7	0.85	0.17	143,143,143,143	0
86	OHX	6	2199	7/7	0.85	0.19	160,160,160,160	0
86	OHX	2	2155	7/7	0.85	0.14	162,162,162,162	0
86	OHX	m7	206	7/7	0.85	0.18	147,147,147,147	0
85	MG	1	3733	1/1	0.85	0.29	27,27,27,27	0
85	MG	6	1964	1/1	0.85	0.23	60,60,60,60	0
86	OHX	1	4191	7/7	0.85	0.13	167,167,167,167	0
85	MG	5	3447	1/1	0.86	0.20	46,46,46,46	0
85	MG	1	3484	1/1	0.86	0.31	51,51,51,51	0
86	OHX	2	2174	7/7	0.86	0.17	175,175,175,175	0
86	OHX	5	4110	7/7	0.86	0.13	168,168,168,168	0
85	MG	5	3648	1/1	0.86	0.23	59,59,59,59	0
85	MG	5	3651	1/1	0.86	0.15	119,119,119,119	0
86	OHX	5	4134	7/7	0.86	0.14	158,158,158,158	0
85	MG	2	1972	1/1	0.86	0.23	74,74,74,74	0
86	OHX	2	2179	7/7	0.86	0.15	181,181,181,181	0
85	MG	5	3674	1/1	0.86	0.12	71,71,71,71	0
86	OHX	5	4147	7/7	0.86	0.22	127,127,127,127	0
85	MG	5	3858	1/1	0.86	0.25	58,58,58,58	0
86	OHX	5	4150	7/7	0.86	0.15	159,159,159,159	0
85	MG	5	3865	1/1	0.86	0.40	40,40,40,40	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	4060	7/7	0.86	0.15	155,155,155,155	0
85	MG	5	3871	1/1	0.86	0.21	44,44,44,44	0
85	MG	1	3676	1/1	0.86	0.25	43,43,43,43	0
86	OHX	1	4080	7/7	0.86	0.19	144,144,144,144	0
86	OHX	1	4083	7/7	0.86	0.14	162,162,162,162	0
86	OHX	4	235	7/7	0.86	0.16	149,149,149,149	0
85	MG	1	3546	1/1	0.86	0.26	66,66,66,66	0
85	MG	6	1923	1/1	0.86	0.26	69,69,69,69	0
86	OHX	1	4099	7/7	0.86	0.16	138,138,138,138	0
85	MG	M7	201	1/1	0.86	0.29	32,32,32,32	0
86	OHX	5	4189	7/7	0.86	0.12	196,196,196,196	0
86	OHX	1	4107	7/7	0.86	0.14	149,149,149,149	0
86	OHX	1	4109	7/7	0.86	0.14	156,156,156,156	0
86	OHX	5	4192	7/7	0.86	0.18	131,131,131,131	0
86	OHX	5	4196	7/7	0.86	0.18	130,130,130,130	0
85	MG	6	1925	1/1	0.86	0.46	42,42,42,42	0
85	MG	5	3889	1/1	0.86	0.27	58,58,58,58	0
85	MG	5	3496	1/1	0.86	0.17	38,38,38,38	0
85	MG	1	3682	1/1	0.86	0.12	44,44,44,44	0
85	MG	7	217	1/1	0.86	0.20	56,56,56,56	0
86	OHX	1	4137	7/7	0.86	0.16	143,143,143,143	0
85	MG	2	1959	1/1	0.86	0.35	72,72,72,72	0
85	MG	8	210	1/1	0.86	0.15	47,47,47,47	0
85	MG	3	208	1/1	0.86	0.15	51,51,51,51	0
86	OHX	6	2142	7/7	0.86	0.16	149,149,149,149	0
86	OHX	1	4144	7/7	0.86	0.14	172,172,172,172	0
86	OHX	6	2148	7/7	0.86	0.14	159,159,159,159	0
85	MG	1	3740	1/1	0.86	0.13	76,76,76,76	0
85	MG	1	3448	1/1	0.86	0.22	39,39,39,39	0
86	OHX	6	2156	7/7	0.86	0.15	150,150,150,150	0
86	OHX	6	2158	7/7	0.86	0.16	146,146,146,146	0
85	MG	5	3515	1/1	0.86	0.28	31,31,31,31	0
86	OHX	1	4148	7/7	0.86	0.14	156,156,156,156	0
85	MG	6	1979	1/1	0.86	0.15	81,81,81,81	0
85	MG	1	3645	1/1	0.86	0.34	42,42,42,42	0
85	MG	1	3653	1/1	0.86	0.15	79,79,79,79	0
86	OHX	6	2174	7/7	0.86	0.13	173,173,173,173	0
85	MG	6	2041	1/1	0.86	0.20	55,55,55,55	0
86	OHX	2	2119	7/7	0.86	0.14	166,166,166,166	0
85	MG	4	201	1/1	0.86	0.29	51,51,51,51	0
85	MG	6	2044	1/1	0.86	0.20	76,76,76,76	0
85	MG	2	2004	1/1	0.86	0.24	62,62,62,62	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3749	1/1	0.86	0.40	47,47,47,47	0
86	OHX	5	4240	7/7	0.86	0.19	161,161,161,161	0
85	MG	6	1987	1/1	0.86	0.17	76,76,76,76	0
85	MG	4	212	1/1	0.86	0.18	68,68,68,68	0
86	OHX	1	4174	7/7	0.86	0.14	164,164,164,164	0
85	MG	5	3566	1/1	0.86	0.30	29,29,29,29	0
86	OHX	7	225	7/7	0.86	0.15	169,169,169,169	0
85	MG	d6	102	1/1	0.86	0.23	58,58,58,58	0
85	MG	4	215	1/1	0.86	0.18	63,63,63,63	0
86	OHX	6	2194	7/7	0.86	0.12	201,201,201,201	0
86	OHX	8	231	7/7	0.86	0.16	156,156,156,156	0
85	MG	sM	302	1/1	0.86	0.11	51,51,51,51	0
86	OHX	6	2196	7/7	0.86	0.12	190,190,190,190	0
86	OHX	1	4183	7/7	0.86	0.18	150,150,150,150	0
85	MG	4	216	1/1	0.86	0.11	44,44,44,44	0
85	MG	6	1999	1/1	0.86	0.16	54,54,54,54	0
85	MG	1	3418	1/1	0.86	0.33	60,60,60,60	0
85	MG	6	2004	1/1	0.86	0.18	99,99,99,99	0
86	OHX	s8	303	7/7	0.86	0.12	183,183,183,183	0
86	OHX	m8	201	7/7	0.86	0.18	147,147,147,147	0
85	MG	2	1920	1/1	0.86	0.20	61,61,61,61	0
85	MG	1	3778	1/1	0.86	0.18	61,61,61,61	0
85	MG	1	3530	1/1	0.86	0.39	75,75,75,75	0
86	OHX	1	4078	7/7	0.87	0.19	133,133,133,133	0
85	MG	5	3472	1/1	0.87	0.10	41,41,41,41	0
85	MG	5	3475	1/1	0.87	0.17	80,80,80,80	0
86	OHX	1	4087	7/7	0.87	0.18	137,137,137,137	0
86	OHX	1	4094	7/7	0.87	0.16	145,145,145,145	0
85	MG	1	3725	1/1	0.87	0.15	54,54,54,54	0
85	MG	1	3726	1/1	0.87	0.13	34,34,34,34	0
85	MG	1	3857	1/1	0.87	0.38	44,44,44,44	0
85	MG	1	3728	1/1	0.87	0.13	49,49,49,49	0
85	MG	5	3485	1/1	0.87	0.18	53,53,53,53	0
85	MG	2	1964	1/1	0.87	0.33	56,56,56,56	0
86	OHX	6	2192	7/7	0.87	0.13	174,174,174,174	0
85	MG	2	2005	1/1	0.87	0.14	73,73,73,73	0
86	OHX	1	4119	7/7	0.87	0.20	134,134,134,134	0
85	MG	5	3497	1/1	0.87	0.34	37,37,37,37	0
85	MG	5	3793	1/1	0.87	0.12	88,88,88,88	0
86	OHX	6	2198	7/7	0.87	0.17	152,152,152,152	0
86	OHX	1	4129	7/7	0.87	0.13	173,173,173,173	0
85	MG	1	3648	1/1	0.87	0.17	73,73,73,73	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3739	1/1	0.87	0.16	39,39,39,39	0
85	MG	1	4215	1/1	0.87	0.30	48,48,48,48	0
85	MG	5	3509	1/1	0.87	0.35	39,39,39,39	0
85	MG	1	3650	1/1	0.87	0.27	46,46,46,46	0
85	MG	6	1921	1/1	0.87	0.32	46,46,46,46	0
85	MG	3	206	1/1	0.87	0.41	31,31,31,31	0
86	OHX	5	4046	7/7	0.87	0.38	120,120,120,120	0
86	OHX	5	4090	7/7	0.87	0.14	168,168,168,168	0
86	OHX	5	4091	7/7	0.87	0.16	135,135,135,135	0
85	MG	1	3512	1/1	0.87	0.42	26,26,26,26	0
85	MG	5	3834	1/1	0.87	0.25	37,37,37,37	0
85	MG	5	3845	1/1	0.87	0.15	54,54,54,54	0
85	MG	3	209	1/1	0.87	0.20	62,62,62,62	0
85	MG	2	2012	1/1	0.87	0.22	65,65,65,65	0
85	MG	6	1926	1/1	0.87	0.39	53,53,53,53	0
86	OHX	5	4131	7/7	0.87	0.20	146,146,146,146	0
85	MG	5	3859	1/1	0.87	0.20	47,47,47,47	0
86	OHX	1	4162	7/7	0.87	0.12	165,165,165,165	0
85	MG	5	3541	1/1	0.87	0.30	33,33,33,33	0
85	MG	5	3869	1/1	0.87	0.35	51,51,51,51	0
86	OHX	5	4141	7/7	0.87	0.20	128,128,128,128	0
85	MG	1	3409	1/1	0.87	0.32	34,34,34,34	0
85	MG	1	3574	1/1	0.87	0.38	42,42,42,42	0
85	MG	1	3760	1/1	0.87	0.16	55,55,55,55	0
85	MG	6	2022	1/1	0.87	0.29	72,72,72,72	0
85	MG	5	3559	1/1	0.87	0.32	36,36,36,36	0
85	MG	1	3455	1/1	0.87	0.43	59,59,59,59	0
85	MG	6	1932	1/1	0.87	0.25	43,43,43,43	0
85	MG	6	2030	1/1	0.87	0.22	67,67,67,67	0
86	OHX	5	4165	7/7	0.87	0.11	205,205,205,205	0
85	MG	1	3772	1/1	0.87	0.21	35,35,35,35	0
86	OHX	5	4172	7/7	0.87	0.15	147,147,147,147	0
86	OHX	5	4173	7/7	0.87	0.20	127,127,127,127	0
85	MG	4	209	1/1	0.87	0.25	55,55,55,55	0
85	MG	4	211	1/1	0.87	0.15	44,44,44,44	0
86	OHX	5	4178	7/7	0.87	0.15	145,145,145,145	0
86	OHX	5	4179	7/7	0.87	0.16	139,139,139,139	0
85	MG	8	207	1/1	0.87	0.25	74,74,74,74	0
85	MG	1	3486	1/1	0.87	0.42	32,32,32,32	0
85	MG	6	1938	1/1	0.87	0.27	48,48,48,48	0
85	MG	5	3596	1/1	0.87	0.44	33,33,33,33	0
85	MG	n6	201	1/1	0.87	0.29	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	MG	1	3526	1/1	0.87	0.30	23,23,23,23	0
85	MG	1	3489	1/1	0.87	0.22	40,40,40,40	0
85	MG	1	3597	1/1	0.87	0.40	26,26,26,26	0
85	MG	1	3802	1/1	0.87	0.18	52,52,52,52	0
86	OHX	2	2100	7/7	0.87	0.15	163,163,163,163	0
86	OHX	2	2103	7/7	0.87	0.12	168,168,168,168	0
85	MG	1	3803	1/1	0.87	0.12	51,51,51,51	0
85	MG	5	3635	1/1	0.87	0.24	78,78,78,78	0
86	OHX	1	4200	7/7	0.87	0.16	153,153,153,153	0
86	OHX	5	4207	7/7	0.87	0.17	153,153,153,153	0
86	OHX	5	4210	7/7	0.87	0.15	166,166,166,166	0
85	MG	1	3606	1/1	0.87	0.21	62,62,62,62	0
85	MG	5	3638	1/1	0.87	0.27	65,65,65,65	0
86	OHX	2	2135	7/7	0.87	0.17	152,152,152,152	0
86	OHX	1	4208	7/7	0.87	0.20	151,151,151,151	0
86	OHX	2	2136	7/7	0.87	0.14	152,152,152,152	0
85	MG	5	3644	1/1	0.87	0.27	60,60,60,60	0
85	MG	2	1978	1/1	0.87	0.42	71,71,71,71	0
85	MG	1	3811	1/1	0.87	0.22	48,48,48,48	0
86	OHX	3	223	7/7	0.87	0.19	133,133,133,133	0
85	MG	2	1905	1/1	0.87	0.34	58,58,58,58	0
85	MG	1	3617	1/1	0.87	0.21	33,33,33,33	0
85	MG	1	3818	1/1	0.87	0.22	53,53,53,53	0
86	OHX	2	2151	7/7	0.87	0.11	199,199,199,199	0
85	MG	2	1961	1/1	0.87	0.39	80,80,80,80	0
85	MG	6	1961	1/1	0.87	0.26	83,83,83,83	0
85	MG	1	3540	1/1	0.87	0.19	65,65,65,65	0
86	OHX	2	2156	7/7	0.87	0.09	249,249,249,249	0
86	OHX	2	2158	7/7	0.87	0.08	299,299,299,299	0
85	MG	5	3407	1/1	0.87	0.13	45,45,45,45	0
85	MG	5	3410	1/1	0.87	0.26	63,63,63,63	0
85	MG	1	3630	1/1	0.87	0.13	57,57,57,57	0
85	MG	1	3632	1/1	0.87	0.17	39,39,39,39	0
85	MG	1	3545	1/1	0.87	0.30	58,58,58,58	0
85	MG	5	3702	1/1	0.87	0.18	72,72,72,72	0
85	MG	5	3704	1/1	0.87	0.22	51,51,51,51	0
85	MG	5	3420	1/1	0.87	0.32	41,41,41,41	0
85	MG	1	3464	1/1	0.87	0.13	57,57,57,57	0
86	OHX	5	4244	7/7	0.87	0.14	156,156,156,156	0
85	MG	1	3469	1/1	0.87	0.17	47,47,47,47	0
86	OHX	2	2175	7/7	0.87	0.15	159,159,159,159	0
85	MG	5	3717	1/1	0.87	0.10	63,63,63,63	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	8	227	7/7	0.87	0.16	161,161,161,161	0
85	MG	5	3719	1/1	0.87	0.15	52,52,52,52	0
85	MG	5	3435	1/1	0.87	0.28	45,45,45,45	0
85	MG	6	1971	1/1	0.87	0.19	76,76,76,76	0
85	MG	5	3440	1/1	0.87	0.25	35,35,35,35	0
86	OHX	S8	302	7/7	0.87	0.11	185,185,185,185	0
86	OHX	6	2159	7/7	0.87	0.15	141,141,141,141	0
86	OHX	C3	202	7/7	0.87	0.11	181,181,181,181	0
86	OHX	19	202	7/7	0.87	0.16	140,140,140,140	0
86	OHX	6	2163	7/7	0.87	0.15	160,160,160,160	0
85	MG	5	3444	1/1	0.87	0.24	48,48,48,48	0
86	OHX	6	2167	7/7	0.87	0.21	132,132,132,132	0
85	MG	5	3737	1/1	0.87	0.28	32,32,32,32	0
85	MG	1	3438	1/1	0.87	0.18	51,51,51,51	0
85	MG	1	3849	1/1	0.87	0.24	52,52,52,52	0
86	OHX	6	2173	7/7	0.87	0.19	140,140,140,140	0
85	MG	6	1978	1/1	0.87	0.25	50,50,50,50	0
85	MG	1	3462	1/1	0.88	0.28	27,27,27,27	0
86	OHX	1	4178	7/7	0.88	0.07	247,247,247,247	0
86	OHX	5	4037	7/7	0.88	0.15	152,152,152,152	0
86	OHX	1	4179	7/7	0.88	0.18	146,146,146,146	0
86	OHX	5	4069	7/7	0.88	0.20	141,141,141,141	0
86	OHX	5	4083	7/7	0.88	0.40	123,123,123,123	0
85	MG	5	3459	1/1	0.88	0.22	32,32,32,32	0
85	MG	5	3460	1/1	0.88	0.19	30,30,30,30	0
85	MG	1	3551	1/1	0.88	0.37	39,39,39,39	0
85	MG	1	3600	1/1	0.88	0.27	40,40,40,40	0
86	OHX	2	2157	7/7	0.88	0.19	130,130,130,130	0
85	MG	5	3597	1/1	0.88	0.46	33,33,33,33	0
86	OHX	5	4107	7/7	0.88	0.20	131,131,131,131	0
85	MG	5	3600	1/1	0.88	0.12	45,45,45,45	0
86	OHX	1	4189	7/7	0.88	0.13	156,156,156,156	0
85	MG	3	210	1/1	0.88	0.15	70,70,70,70	0
85	MG	5	3610	1/1	0.88	0.23	37,37,37,37	0
85	MG	5	3621	1/1	0.88	0.27	49,49,49,49	0
85	MG	6	1977	1/1	0.88	0.18	51,51,51,51	0
86	OHX	2	2167	7/7	0.88	0.16	143,143,143,143	0
85	MG	2	1995	1/1	0.88	0.21	99,99,99,99	0
86	OHX	5	4143	7/7	0.88	0.15	151,151,151,151	0
85	MG	N3	203	1/1	0.88	0.16	56,56,56,56	0
85	MG	5	3627	1/1	0.88	0.17	67,67,67,67	0
85	MG	1	3513	1/1	0.88	0.31	23,23,23,23	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	4202	7/7	0.88	0.16	147,147,147,147	0
86	OHX	5	4151	7/7	0.88	0.15	146,146,146,146	0
85	MG	1	3562	1/1	0.88	0.32	24,24,24,24	0
86	OHX	1	4204	7/7	0.88	0.16	153,153,153,153	0
86	OHX	5	4155	7/7	0.88	0.17	128,128,128,128	0
85	MG	1	3830	1/1	0.88	0.39	56,56,56,56	0
86	OHX	5	4161	7/7	0.88	0.16	152,152,152,152	0
85	MG	5	3841	1/1	0.88	0.20	51,51,51,51	0
85	MG	1	3496	1/1	0.88	0.21	37,37,37,37	0
85	MG	5	3854	1/1	0.88	0.13	79,79,79,79	0
86	OHX	5	4171	7/7	0.88	0.15	161,161,161,161	0
85	MG	4	203	1/1	0.88	0.31	49,49,49,49	0
85	MG	6	2205	1/1	0.88	0.24	59,59,59,59	0
85	MG	5	3498	1/1	0.88	0.23	36,36,36,36	0
85	MG	5	3657	1/1	0.88	0.09	44,44,44,44	0
86	OHX	5	4177	7/7	0.88	0.13	159,159,159,159	0
85	MG	1	3655	1/1	0.88	0.23	71,71,71,71	0
86	OHX	1	4021	7/7	0.88	0.17	140,140,140,140	0
85	MG	5	3664	1/1	0.88	0.42	50,50,50,50	0
85	MG	5	3501	1/1	0.88	0.20	45,45,45,45	0
85	MG	4	205	1/1	0.88	0.28	52,52,52,52	0
85	MG	5	3507	1/1	0.88	0.36	25,25,25,25	0
86	OHX	5	4185	7/7	0.88	0.14	151,151,151,151	0
86	OHX	1	4068	7/7	0.88	0.17	153,153,153,153	0
85	MG	5	3680	1/1	0.88	0.14	53,53,53,53	0
85	MG	5	3880	1/1	0.88	0.26	77,77,77,77	0
86	OHX	1	4081	7/7	0.88	0.14	151,151,151,151	0
85	MG	2	1911	1/1	0.88	0.40	59,59,59,59	0
85	MG	c8	202	1/1	0.88	0.21	61,61,61,61	0
86	OHX	6	2115	7/7	0.88	0.15	155,155,155,155	0
85	MG	1	3715	1/1	0.88	0.16	62,62,62,62	0
85	MG	5	4248	1/1	0.88	0.10	47,47,47,47	0
86	OHX	5	4205	7/7	0.88	0.27	121,121,121,121	0
85	MG	1	3516	1/1	0.88	0.38	41,41,41,41	0
85	MG	5	4250	1/1	0.88	0.29	35,35,35,35	0
86	OHX	6	2136	7/7	0.88	0.15	139,139,139,139	0
85	MG	6	2003	1/1	0.88	0.14	81,81,81,81	0
85	MG	1	3779	1/1	0.88	0.11	60,60,60,60	0
85	MG	1	3783	1/1	0.88	0.14	53,53,53,53	0
85	MG	5	3525	1/1	0.88	0.27	54,54,54,54	0
86	OHX	1	4112	7/7	0.88	0.23	127,127,127,127	0
86	OHX	1	4115	7/7	0.88	0.15	138,138,138,138	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	4116	7/7	0.88	0.14	149,149,149,149	0
85	MG	5	3703	1/1	0.88	0.09	55,55,55,55	0
86	OHX	1	4120	7/7	0.88	0.15	151,151,151,151	0
85	MG	1	3577	1/1	0.88	0.26	37,37,37,37	0
86	OHX	6	2160	7/7	0.88	0.17	140,140,140,140	0
85	MG	l5	303	1/1	0.88	0.17	64,64,64,64	0
85	MG	m1	201	1/1	0.88	0.22	57,57,57,57	0
85	MG	5	3536	1/1	0.88	0.30	34,34,34,34	0
85	MG	5	3708	1/1	0.88	0.18	97,97,97,97	0
86	OHX	5	4227	7/7	0.88	0.12	180,180,180,180	0
85	MG	1	3790	1/1	0.88	0.12	49,49,49,49	0
85	MG	n9	101	1/1	0.88	0.08	37,37,37,37	0
86	OHX	5	4232	7/7	0.88	0.12	162,162,162,162	0
85	MG	5	3540	1/1	0.88	0.31	32,32,32,32	0
85	MG	1	3581	1/1	0.88	0.24	53,53,53,53	0
85	MG	1	3794	1/1	0.88	0.18	84,84,84,84	0
86	OHX	2	2093	7/7	0.88	0.13	173,173,173,173	0
85	MG	6	1962	1/1	0.88	0.25	41,41,41,41	0
86	OHX	6	2180	7/7	0.88	0.17	150,150,150,150	0
85	MG	1	3674	1/1	0.88	0.19	49,49,49,49	0
85	MG	5	3548	1/1	0.88	0.40	46,46,46,46	0
86	OHX	1	4149	7/7	0.88	0.12	162,162,162,162	0
85	MG	1	3634	1/1	0.88	0.33	80,80,80,80	0
86	OHX	1	4157	7/7	0.88	0.13	162,162,162,162	0
86	OHX	1	4158	7/7	0.88	0.15	142,142,142,142	0
86	OHX	2	2117	7/7	0.88	0.15	158,158,158,158	0
86	OHX	6	2189	7/7	0.88	0.14	150,150,150,150	0
86	OHX	2	2118	7/7	0.88	0.13	175,175,175,175	0
85	MG	5	3550	1/1	0.88	0.31	33,33,33,33	0
86	OHX	1	4163	7/7	0.88	0.12	174,174,174,174	0
86	OHX	2	2124	7/7	0.88	0.17	162,162,162,162	0
86	OHX	2	2127	7/7	0.88	0.13	153,153,153,153	0
85	MG	5	3558	1/1	0.88	0.32	38,38,38,38	0
85	MG	5	3432	1/1	0.88	0.24	83,83,83,83	0
86	OHX	6	2197	7/7	0.88	0.15	159,159,159,159	0
85	MG	6	2023	1/1	0.88	0.17	58,58,58,58	0
85	MG	2	2180	1/1	0.88	0.20	74,74,74,74	0
85	MG	1	3416	1/1	0.88	0.09	57,57,57,57	0
85	MG	5	3756	1/1	0.88	0.09	59,59,59,59	0
85	MG	5	3760	1/1	0.88	0.19	100,100,100,100	0
85	MG	5	3761	1/1	0.88	0.21	34,34,34,34	0
85	MG	1	3403	1/1	0.88	0.36	40,40,40,40	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	c3	201	7/7	0.88	0.11	170,170,170,170	0
86	OHX	c5	201	7/7	0.88	0.11	183,183,183,183	0
86	OHX	L3	405	7/7	0.89	0.12	171,171,171,171	0
86	OHX	1	4113	7/7	0.89	0.10	194,194,194,194	0
85	MG	6	2007	1/1	0.89	0.14	58,58,58,58	0
85	MG	1	3753	1/1	0.89	0.19	69,69,69,69	0
86	OHX	5	4145	7/7	0.89	0.38	127,127,127,127	0
86	OHX	1	4118	7/7	0.89	0.14	144,144,144,144	0
85	MG	1	4219	1/1	0.89	0.24	35,35,35,35	0
86	OHX	2	2122	7/7	0.89	0.13	153,153,153,153	0
86	OHX	2	2123	7/7	0.89	0.13	161,161,161,161	0
86	OHX	6	2098	7/7	0.89	0.11	199,199,199,199	0
86	OHX	6	2101	7/7	0.89	0.18	137,137,137,137	0
85	MG	5	3640	1/1	0.89	0.24	35,35,35,35	0
85	MG	5	3642	1/1	0.89	0.26	60,60,60,60	0
86	OHX	2	2128	7/7	0.89	0.14	162,162,162,162	0
86	OHX	5	4160	7/7	0.89	0.17	153,153,153,153	0
86	OHX	6	2123	7/7	0.89	0.14	155,155,155,155	0
86	OHX	5	4163	7/7	0.89	0.14	154,154,154,154	0
86	OHX	1	4132	7/7	0.89	0.15	134,134,134,134	0
85	MG	1	3659	1/1	0.89	0.24	45,45,45,45	0
86	OHX	6	2132	7/7	0.89	0.14	150,150,150,150	0
85	MG	2	1921	1/1	0.89	0.47	59,59,59,59	0
85	MG	6	2018	1/1	0.89	0.28	61,61,61,61	0
86	OHX	1	4140	7/7	0.89	0.14	142,142,142,142	0
85	MG	5	3655	1/1	0.89	0.10	63,63,63,63	0
85	MG	5	3656	1/1	0.89	0.26	57,57,57,57	0
86	OHX	2	2142	7/7	0.89	0.14	160,160,160,160	0
85	MG	5	3812	1/1	0.89	0.15	65,65,65,65	0
86	OHX	6	2149	7/7	0.89	0.18	132,132,132,132	0
86	OHX	2	2146	7/7	0.89	0.15	157,157,157,157	0
85	MG	3	207	1/1	0.89	0.24	66,66,66,66	0
85	MG	6	1927	1/1	0.89	0.29	48,48,48,48	0
85	MG	5	3830	1/1	0.89	0.12	44,44,44,44	0
85	MG	5	3534	1/1	0.89	0.23	42,42,42,42	0
86	OHX	1	4153	7/7	0.89	0.16	146,146,146,146	0
85	MG	1	3463	1/1	0.89	0.07	49,49,49,49	0
85	MG	5	3434	1/1	0.89	0.19	36,36,36,36	0
85	MG	5	3842	1/1	0.89	0.14	41,41,41,41	0
86	OHX	6	2166	7/7	0.89	0.13	156,156,156,156	0
86	OHX	5	4197	7/7	0.89	0.13	152,152,152,152	0
85	MG	5	3676	1/1	0.89	0.22	49,49,49,49	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3538	1/1	0.89	0.24	23,23,23,23	0
86	OHX	5	4200	7/7	0.89	0.18	162,162,162,162	0
85	MG	1	3820	1/1	0.89	0.14	46,46,46,46	0
85	MG	1	3587	1/1	0.89	0.43	39,39,39,39	0
86	OHX	5	4204	7/7	0.89	0.15	168,168,168,168	0
85	MG	1	3590	1/1	0.89	0.61	46,46,46,46	0
85	MG	6	1975	1/1	0.89	0.16	63,63,63,63	0
86	OHX	6	2176	7/7	0.89	0.20	129,129,129,129	0
85	MG	5	3862	1/1	0.89	0.10	44,44,44,44	0
85	MG	1	3672	1/1	0.89	0.11	83,83,83,83	0
85	MG	5	3455	1/1	0.89	0.29	80,80,80,80	0
86	OHX	2	2169	7/7	0.89	0.15	156,156,156,156	0
86	OHX	6	2182	7/7	0.89	0.15	138,138,138,138	0
85	MG	1	3427	1/1	0.89	0.28	45,45,45,45	0
85	MG	1	3467	1/1	0.89	0.30	44,44,44,44	0
85	MG	5	3553	1/1	0.89	0.23	40,40,40,40	0
85	MG	5	3554	1/1	0.89	0.30	47,47,47,47	0
85	MG	5	3555	1/1	0.89	0.21	35,35,35,35	0
85	MG	5	3705	1/1	0.89	0.14	51,51,51,51	0
85	MG	2	1948	1/1	0.89	0.21	59,59,59,59	0
85	MG	1	3543	1/1	0.89	0.28	37,37,37,37	0
85	MG	5	3470	1/1	0.89	0.27	40,40,40,40	0
85	MG	1	3847	1/1	0.89	0.18	48,48,48,48	0
85	MG	5	3715	1/1	0.89	0.25	47,47,47,47	0
85	MG	5	3568	1/1	0.89	0.32	35,35,35,35	0
85	MG	1	3789	1/1	0.89	0.17	55,55,55,55	0
86	OHX	5	4230	7/7	0.89	0.20	150,150,150,150	0
85	MG	5	3721	1/1	0.89	0.12	37,37,37,37	0
85	MG	1	3417	1/1	0.89	0.24	44,44,44,44	0
86	OHX	1	4190	7/7	0.89	0.12	161,161,161,161	0
85	MG	6	1908	1/1	0.89	0.20	46,46,46,46	0
86	OHX	1	4036	7/7	0.89	0.16	145,145,145,145	0
86	OHX	1	4050	7/7	0.89	0.18	139,139,139,139	0
85	MG	1	3503	1/1	0.89	0.31	29,29,29,29	0
85	MG	6	1990	1/1	0.89	0.23	68,68,68,68	0
85	MG	19	201	1/1	0.89	0.17	39,39,39,39	0
85	MG	1	3504	1/1	0.89	0.28	43,43,43,43	0
86	OHX	1	4070	7/7	0.89	0.18	131,131,131,131	0
86	OHX	1	4071	7/7	0.89	0.13	158,158,158,158	0
85	MG	6	1997	1/1	0.89	0.30	62,62,62,62	0
86	OHX	5	4021	7/7	0.89	0.28	120,120,120,120	0
85	MG	6	2207	1/1	0.89	0.17	77,77,77,77	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	4	213	1/1	0.89	0.10	56,56,56,56	0
86	OHX	8	224	7/7	0.89	0.17	130,130,130,130	0
86	OHX	5	4056	7/7	0.89	0.14	146,146,146,146	0
85	MG	5	3606	1/1	0.89	0.18	51,51,51,51	0
86	OHX	5	4081	7/7	0.89	0.14	144,144,144,144	0
86	OHX	1	4206	7/7	0.89	0.16	149,149,149,149	0
86	OHX	5	4086	7/7	0.89	0.17	129,129,129,129	0
86	OHX	1	4207	7/7	0.89	0.18	133,133,133,133	0
85	MG	o0	201	1/1	0.89	0.10	72,72,72,72	0
86	OHX	1	4092	7/7	0.89	0.12	173,173,173,173	0
85	MG	1	3797	1/1	0.89	0.11	66,66,66,66	0
85	MG	1	3738	1/1	0.89	0.25	76,76,76,76	0
85	MG	5	3500	1/1	0.89	0.22	30,30,30,30	0
85	MG	1	3700	1/1	0.89	0.24	51,51,51,51	0
85	MG	1	3578	1/1	0.89	0.30	23,23,23,23	0
85	MG	5	3504	1/1	0.89	0.34	53,53,53,53	0
85	MG	1	3580	1/1	0.89	0.35	40,40,40,40	0
86	OHX	2	2114	7/7	0.89	0.12	178,178,178,178	0
85	MG	1	3436	1/1	0.89	0.17	44,44,44,44	0
85	MG	5	3800	1/1	0.90	0.12	57,57,57,57	0
85	MG	1	3497	1/1	0.90	0.24	52,52,52,52	0
86	OHX	2	2152	7/7	0.90	0.15	164,164,164,164	0
86	OHX	5	4055	7/7	0.90	0.19	134,134,134,134	0
86	OHX	1	4182	7/7	0.90	0.13	157,157,157,157	0
85	MG	1	3478	1/1	0.90	0.13	92,92,92,92	0
85	MG	1	3712	1/1	0.90	0.15	59,59,59,59	0
85	MG	6	1988	1/1	0.90	0.14	55,55,55,55	0
85	MG	1	3517	1/1	0.90	0.29	36,36,36,36	0
85	MG	1	3652	1/1	0.90	0.09	51,51,51,51	0
85	MG	1	3549	1/1	0.90	0.24	38,38,38,38	0
85	MG	5	3821	1/1	0.90	0.20	44,44,44,44	0
85	MG	5	3829	1/1	0.90	0.12	70,70,70,70	0
85	MG	5	3505	1/1	0.90	0.24	29,29,29,29	0
85	MG	6	1994	1/1	0.90	0.14	50,50,50,50	0
85	MG	6	1995	1/1	0.90	0.18	82,82,82,82	0
85	MG	2	1986	1/1	0.90	0.22	79,79,79,79	0
86	OHX	5	4113	7/7	0.90	0.16	130,130,130,130	0
85	MG	1	3501	1/1	0.90	0.31	27,27,27,27	0
86	OHX	5	4115	7/7	0.90	0.12	158,158,158,158	0
86	OHX	5	4119	7/7	0.90	0.11	166,166,166,166	0
86	OHX	5	4123	7/7	0.90	0.12	161,161,161,161	0
86	OHX	5	4128	7/7	0.90	0.15	147,147,147,147	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3601	1/1	0.90	0.28	31,31,31,31	0
86	OHX	5	4132	7/7	0.90	0.12	138,138,138,138	0
85	MG	5	3849	1/1	0.90	0.16	62,62,62,62	0
85	MG	5	3850	1/1	0.90	0.23	47,47,47,47	0
85	MG	5	3852	1/1	0.90	0.17	60,60,60,60	0
85	MG	5	3406	1/1	0.90	0.23	44,44,44,44	0
85	MG	5	3516	1/1	0.90	0.21	42,42,42,42	0
86	OHX	5	4142	7/7	0.90	0.16	138,138,138,138	0
85	MG	6	2000	1/1	0.90	0.11	102,102,102,102	0
86	OHX	5	4144	7/7	0.90	0.13	169,169,169,169	0
85	MG	5	3518	1/1	0.90	0.27	27,27,27,27	0
85	MG	1	3660	1/1	0.90	0.35	32,32,32,32	0
85	MG	5	3524	1/1	0.90	0.30	29,29,29,29	0
85	MG	N8	203	1/1	0.90	0.32	34,34,34,34	0
85	MG	5	3868	1/1	0.90	0.26	35,35,35,35	0
85	MG	1	3555	1/1	0.90	0.36	22,22,22,22	0
85	MG	5	3528	1/1	0.90	0.17	28,28,28,28	0
86	OHX	1	3983	7/7	0.90	0.26	128,128,128,128	0
86	OHX	3	222	7/7	0.90	0.12	162,162,162,162	0
86	OHX	5	4156	7/7	0.90	0.18	128,128,128,128	0
85	MG	5	3533	1/1	0.90	0.19	56,56,56,56	0
85	MG	5	3874	1/1	0.90	0.23	29,29,29,29	0
86	OHX	3	225	7/7	0.90	0.16	149,149,149,149	0
85	MG	1	3525	1/1	0.90	0.33	27,27,27,27	0
85	MG	5	3684	1/1	0.90	0.18	35,35,35,35	0
85	MG	1	3482	1/1	0.90	0.29	60,60,60,60	0
85	MG	1	3615	1/1	0.90	0.21	41,41,41,41	0
86	OHX	5	4170	7/7	0.90	0.17	163,163,163,163	0
85	MG	5	3688	1/1	0.90	0.14	51,51,51,51	0
86	OHX	1	4067	7/7	0.90	0.33	125,125,125,125	0
86	OHX	M0	304	7/7	0.90	0.13	134,134,134,134	0
85	MG	5	3887	1/1	0.90	0.25	79,79,79,79	0
85	MG	1	3560	1/1	0.90	0.34	40,40,40,40	0
85	MG	5	3890	1/1	0.90	0.18	62,62,62,62	0
86	OHX	1	4077	7/7	0.90	0.12	151,151,151,151	0
85	MG	1	3620	1/1	0.90	0.29	61,61,61,61	0
86	OHX	5	4180	7/7	0.90	0.15	137,137,137,137	0
86	OHX	1	4079	7/7	0.90	0.16	144,144,144,144	0
85	MG	1	3432	1/1	0.90	0.28	36,36,36,36	0
85	MG	1	3435	1/1	0.90	0.24	43,43,43,43	0
86	OHX	1	4082	7/7	0.90	0.14	149,149,149,149	0
85	MG	1	3531	1/1	0.90	0.25	31,31,31,31	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
86	OHX	5	4187	7/7	0.90	0.17	132,132,132,132	0
85	MG	7	202	1/1	0.90	0.31	41,41,41,41	0
86	OHX	6	2122	7/7	0.90	0.17	151,151,151,151	0
85	MG	7	209	1/1	0.90	0.11	42,42,42,42	0
85	MG	6	1913	1/1	0.90	0.36	41,41,41,41	0
86	OHX	6	2125	7/7	0.90	0.14	134,134,134,134	0
85	MG	5	3442	1/1	0.90	0.20	27,27,27,27	0
86	OHX	1	4096	7/7	0.90	0.12	161,161,161,161	0
85	MG	6	2021	1/1	0.90	0.13	83,83,83,83	0
85	MG	2	1934	1/1	0.90	0.33	58,58,58,58	0
85	MG	5	3551	1/1	0.90	0.20	53,53,53,53	0
86	OHX	5	4202	7/7	0.90	0.11	168,168,168,168	0
86	OHX	1	4104	7/7	0.90	0.17	152,152,152,152	0
85	MG	8	213	1/1	0.90	0.16	93,93,93,93	0
85	MG	8	214	1/1	0.90	0.39	67,67,67,67	0
86	OHX	1	4110	7/7	0.90	0.21	128,128,128,128	0
85	MG	15	302	1/1	0.90	0.07	69,69,69,69	0
86	OHX	5	4208	7/7	0.90	0.16	135,135,135,135	0
85	MG	5	3448	1/1	0.90	0.25	59,59,59,59	0
86	OHX	6	2151	7/7	0.90	0.13	160,160,160,160	0
86	OHX	6	2152	7/7	0.90	0.12	145,145,145,145	0
85	MG	1	3685	1/1	0.90	0.16	45,45,45,45	0
85	MG	6	2027	1/1	0.90	0.36	73,73,73,73	0
85	MG	4	210	1/1	0.90	0.18	57,57,57,57	0
85	MG	5	3463	1/1	0.90	0.13	52,52,52,52	0
85	MG	1	3424	1/1	0.90	0.17	53,53,53,53	0
85	MG	1	3635	1/1	0.90	0.25	59,59,59,59	0
86	OHX	1	4121	7/7	0.90	0.13	166,166,166,166	0
86	OHX	1	4124	7/7	0.90	0.13	161,161,161,161	0
85	MG	5	3727	1/1	0.90	0.33	74,74,74,74	0
85	MG	1	3769	1/1	0.90	0.13	53,53,53,53	0
85	MG	5	3471	1/1	0.90	0.11	49,49,49,49	0
85	MG	5	3734	1/1	0.90	0.07	51,51,51,51	0
86	OHX	6	2171	7/7	0.90	0.13	152,152,152,152	0
86	OHX	2	2092	7/7	0.90	0.23	135,135,135,135	0
86	OHX	1	4133	7/7	0.90	0.15	150,150,150,150	0
85	MG	5	3570	1/1	0.90	0.38	28,28,28,28	0
86	OHX	1	4135	7/7	0.90	0.18	128,128,128,128	0
85	MG	5	3571	1/1	0.90	0.28	44,44,44,44	0
85	MG	5	3572	1/1	0.90	0.30	30,30,30,30	0
86	OHX	6	2179	7/7	0.90	0.12	162,162,162,162	0
86	OHX	2	2104	7/7	0.90	0.10	214,214,214,214	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	2	2105	7/7	0.90	0.13	135,135,135,135	0
85	MG	2	1939	1/1	0.90	0.28	72,72,72,72	0
86	OHX	2	2112	7/7	0.90	0.11	177,177,177,177	0
85	MG	1	3776	1/1	0.90	0.13	57,57,57,57	0
85	MG	5	3476	1/1	0.90	0.35	43,43,43,43	0
85	MG	5	3589	1/1	0.90	0.31	32,32,32,32	0
85	MG	1	3541	1/1	0.90	0.25	30,30,30,30	0
85	MG	5	3757	1/1	0.90	0.13	67,67,67,67	0
86	OHX	2	2120	7/7	0.90	0.14	148,148,148,148	0
85	MG	1	3852	1/1	0.90	0.10	57,57,57,57	0
86	OHX	7	226	7/7	0.90	0.18	137,137,137,137	0
85	MG	1	3853	1/1	0.90	0.09	78,78,78,78	0
85	MG	1	3440	1/1	0.90	0.27	36,36,36,36	0
85	MG	L4	402	1/1	0.90	0.10	33,33,33,33	0
85	MG	5	3604	1/1	0.90	0.18	35,35,35,35	0
86	OHX	2	2129	7/7	0.90	0.11	212,212,212,212	0
85	MG	5	3605	1/1	0.90	0.12	37,37,37,37	0
86	OHX	13	405	7/7	0.90	0.12	151,151,151,151	0
85	MG	1	3544	1/1	0.90	0.21	40,40,40,40	0
85	MG	5	3492	1/1	0.90	0.31	58,58,58,58	0
86	OHX	15	305	7/7	0.90	0.13	157,157,157,157	0
85	MG	5	3781	1/1	0.90	0.23	31,31,31,31	0
85	MG	5	3495	1/1	0.90	0.24	27,27,27,27	0
85	MG	5	3616	1/1	0.90	0.23	43,43,43,43	0
86	OHX	2	2143	7/7	0.90	0.18	135,135,135,135	0
86	OHX	2	2144	7/7	0.90	0.10	183,183,183,183	0
85	MG	5	3792	1/1	0.90	0.13	53,53,53,53	0
85	MG	1	3402	1/1	0.90	0.36	75,75,75,75	0
86	OHX	2	2147	7/7	0.90	0.11	182,182,182,182	0
85	MG	5	3794	1/1	0.90	0.16	56,56,56,56	0
85	MG	5	3623	1/1	0.90	0.25	61,61,61,61	0
86	OHX	5	4011	7/7	0.90	0.13	166,166,166,166	0
86	OHX	5	4112	7/7	0.91	0.14	145,145,145,145	0
85	MG	1	3591	1/1	0.91	0.28	34,34,34,34	0
86	OHX	1	4073	7/7	0.91	0.34	112,112,112,112	0
86	OHX	1	4075	7/7	0.91	0.14	139,139,139,139	0
86	OHX	5	4118	7/7	0.91	0.13	166,166,166,166	0
85	MG	m7	201	1/1	0.91	0.34	36,36,36,36	0
86	OHX	5	4122	7/7	0.91	0.14	148,148,148,148	0
85	MG	1	3694	1/1	0.91	0.15	36,36,36,36	0
86	OHX	5	4126	7/7	0.91	0.09	198,198,198,198	0
86	OHX	5	4127	7/7	0.91	0.15	131,131,131,131	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3483	1/1	0.91	0.35	51,51,51,51	0
85	MG	5	3614	1/1	0.91	0.16	54,54,54,54	0
86	OHX	3	226	7/7	0.91	0.14	153,153,153,153	0
85	MG	1	3552	1/1	0.91	0.43	40,40,40,40	0
85	MG	1	3451	1/1	0.91	0.23	37,37,37,37	0
86	OHX	4	234	7/7	0.91	0.14	149,149,149,149	0
85	MG	5	3622	1/1	0.91	0.27	39,39,39,39	0
86	OHX	1	4084	7/7	0.91	0.14	142,142,142,142	0
85	MG	5	3776	1/1	0.91	0.22	53,53,53,53	0
85	MG	q3	503	1/1	0.91	0.17	68,68,68,68	0
86	OHX	2	2076	7/7	0.91	0.16	146,146,146,146	0
86	OHX	2	2088	7/7	0.91	0.15	147,147,147,147	0
85	MG	1	3598	1/1	0.91	0.33	40,40,40,40	0
85	MG	L8	301	1/1	0.91	0.25	63,63,63,63	0
86	OHX	O3	202	7/7	0.91	0.18	128,128,128,128	0
85	MG	1	3485	1/1	0.91	0.38	42,42,42,42	0
85	MG	5	3783	1/1	0.91	0.24	89,89,89,89	0
86	OHX	1	4101	7/7	0.91	0.14	148,148,148,148	0
85	MG	5	3786	1/1	0.91	0.18	24,24,24,24	0
85	MG	5	3404	1/1	0.91	0.11	55,55,55,55	0
86	OHX	1	4108	7/7	0.91	0.14	132,132,132,132	0
86	OHX	5	4158	7/7	0.91	0.13	161,161,161,161	0
85	MG	5	3405	1/1	0.91	0.20	32,32,32,32	0
85	MG	1	3452	1/1	0.91	0.19	44,44,44,44	0
85	MG	1	3535	1/1	0.91	0.27	50,50,50,50	0
85	MG	1	3711	1/1	0.91	0.09	57,57,57,57	0
85	MG	2	1984	1/1	0.91	0.08	71,71,71,71	0
85	MG	5	3417	1/1	0.91	0.30	31,31,31,31	0
86	OHX	6	2126	7/7	0.91	0.13	171,171,171,171	0
85	MG	5	3520	1/1	0.91	0.33	41,41,41,41	0
85	MG	1	3492	1/1	0.91	0.21	57,57,57,57	0
85	MG	1	3658	1/1	0.91	0.24	36,36,36,36	0
85	MG	5	3809	1/1	0.91	0.10	37,37,37,37	0
85	MG	1	3611	1/1	0.91	0.16	50,50,50,50	0
85	MG	5	3653	1/1	0.91	0.27	35,35,35,35	0
86	OHX	2	2125	7/7	0.91	0.13	145,145,145,145	0
86	OHX	1	4126	7/7	0.91	0.13	161,161,161,161	0
85	MG	6	1947	1/1	0.91	0.29	57,57,57,57	0
86	OHX	1	4128	7/7	0.91	0.15	132,132,132,132	0
85	MG	5	3425	1/1	0.91	0.16	40,40,40,40	0
85	MG	N0	202	1/1	0.91	0.33	45,45,45,45	0
85	MG	1	3564	1/1	0.91	0.30	45,45,45,45	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	6	2011	1/1	0.91	0.28	68,68,68,68	0
86	OHX	6	2155	7/7	0.91	0.18	161,161,161,161	0
86	OHX	5	4186	7/7	0.91	0.14	138,138,138,138	0
85	MG	5	3669	1/1	0.91	0.12	30,30,30,30	0
85	MG	2	2014	1/1	0.91	0.31	65,65,65,65	0
86	OHX	2	2138	7/7	0.91	0.13	156,156,156,156	0
85	MG	1	3619	1/1	0.91	0.19	57,57,57,57	0
86	OHX	6	2161	7/7	0.91	0.13	149,149,149,149	0
86	OHX	5	4194	7/7	0.91	0.15	133,133,133,133	0
86	OHX	5	4195	7/7	0.91	0.14	139,139,139,139	0
86	OHX	2	2140	7/7	0.91	0.13	173,173,173,173	0
86	OHX	2	2141	7/7	0.91	0.11	184,184,184,184	0
86	OHX	6	2164	7/7	0.91	0.12	164,164,164,164	0
85	MG	1	3456	1/1	0.91	0.21	27,27,27,27	0
86	OHX	1	4143	7/7	0.91	0.14	138,138,138,138	0
85	MG	5	3843	1/1	0.91	0.14	40,40,40,40	0
85	MG	6	2015	1/1	0.91	0.11	58,58,58,58	0
85	MG	6	2017	1/1	0.91	0.09	47,47,47,47	0
85	MG	6	1901	1/1	0.91	0.28	44,44,44,44	0
85	MG	5	3546	1/1	0.91	0.28	49,49,49,49	0
85	MG	1	3807	1/1	0.91	0.12	62,62,62,62	0
85	MG	5	3453	1/1	0.91	0.20	41,41,41,41	0
85	MG	1	3473	1/1	0.91	0.25	26,26,26,26	0
86	OHX	1	4154	7/7	0.91	0.17	147,147,147,147	0
85	MG	1	3731	1/1	0.91	0.13	73,73,73,73	0
85	MG	2	1916	1/1	0.91	0.37	46,46,46,46	0
85	MG	5	3461	1/1	0.91	0.31	51,51,51,51	0
85	MG	5	3697	1/1	0.91	0.14	61,61,61,61	0
86	OHX	1	4161	7/7	0.91	0.15	147,147,147,147	0
85	MG	5	3462	1/1	0.91	0.32	30,30,30,30	0
85	MG	6	2024	1/1	0.91	0.16	56,56,56,56	0
85	MG	2	2010	1/1	0.91	0.26	53,53,53,53	0
85	MG	1	3736	1/1	0.91	0.14	66,66,66,66	0
85	MG	1	3631	1/1	0.91	0.19	58,58,58,58	0
85	MG	1	3518	1/1	0.91	0.34	27,27,27,27	0
85	MG	5	3567	1/1	0.91	0.25	29,29,29,29	0
85	MG	1	3446	1/1	0.91	0.24	45,45,45,45	0
85	MG	6	1969	1/1	0.91	0.29	46,46,46,46	0
86	OHX	2	2164	7/7	0.91	0.10	187,187,187,187	0
86	OHX	1	4173	7/7	0.91	0.10	183,183,183,183	0
86	OHX	2	2165	7/7	0.91	0.12	166,166,166,166	0
85	MG	5	3882	1/1	0.91	0.34	62,62,62,62	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	2	2168	7/7	0.91	0.15	163,163,163,163	0
85	MG	5	3883	1/1	0.91	0.25	44,44,44,44	0
85	MG	5	3712	1/1	0.91	0.27	50,50,50,50	0
85	MG	5	3714	1/1	0.91	0.16	72,72,72,72	0
85	MG	1	3522	1/1	0.91	0.41	34,34,34,34	0
86	OHX	6	2202	7/7	0.91	0.09	206,206,206,206	0
85	MG	1	3747	1/1	0.91	0.25	67,67,67,67	0
85	MG	5	3891	1/1	0.91	0.30	86,86,86,86	0
85	MG	1	3826	1/1	0.91	0.11	49,49,49,49	0
85	MG	1	3829	1/1	0.91	0.20	32,32,32,32	0
85	MG	1	3748	1/1	0.91	0.19	29,29,29,29	0
85	MG	2	1971	1/1	0.91	0.17	74,74,74,74	0
85	MG	5	3588	1/1	0.91	0.32	26,26,26,26	0
85	MG	7	205	1/1	0.91	0.14	83,83,83,83	0
85	MG	7	207	1/1	0.91	0.16	34,34,34,34	0
85	MG	1	3687	1/1	0.91	0.17	53,53,53,53	0
86	OHX	C5	201	7/7	0.91	0.09	191,191,191,191	0
86	OHX	8	222	7/7	0.91	0.15	133,133,133,133	0
86	OHX	D3	202	7/7	0.91	0.13	160,160,160,160	0
85	MG	5	3590	1/1	0.91	0.27	47,47,47,47	0
85	MG	5	3592	1/1	0.91	0.28	33,33,33,33	0
86	OHX	5	4065	7/7	0.91	0.17	139,139,139,139	0
86	OHX	1	4010	7/7	0.91	0.14	141,141,141,141	0
86	OHX	5	4076	7/7	0.91	0.36	121,121,121,121	0
86	OHX	5	4079	7/7	0.91	0.14	128,128,128,128	0
85	MG	5	3489	1/1	0.91	0.11	35,35,35,35	0
85	MG	8	209	1/1	0.91	0.14	67,67,67,67	0
85	MG	1	3839	1/1	0.91	0.23	41,41,41,41	0
86	OHX	5	4089	7/7	0.91	0.13	142,142,142,142	0
85	MG	5	3494	1/1	0.91	0.09	37,37,37,37	0
85	MG	4	214	1/1	0.91	0.08	48,48,48,48	0
86	OHX	1	4062	7/7	0.91	0.11	165,165,165,165	0
85	MG	5	3748	1/1	0.91	0.15	55,55,55,55	0
86	OHX	5	4102	7/7	0.91	0.13	138,138,138,138	0
85	MG	l3	402	1/1	0.91	0.33	27,27,27,27	0
85	MG	1	3840	1/1	0.91	0.21	28,28,28,28	0
85	MG	1	3450	1/1	0.91	0.26	52,52,52,52	0
85	MG	4	217	1/1	0.91	0.11	45,45,45,45	0
86	OHX	4	229	7/7	0.92	0.12	136,136,136,136	0
86	OHX	2	2080	7/7	0.92	0.09	190,190,190,190	0
86	OHX	2	2081	7/7	0.92	0.13	153,153,153,153	0
85	MG	1	3821	1/1	0.92	0.20	60,60,60,60	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3706	1/1	0.92	0.28	47,47,47,47	0
86	OHX	1	4089	7/7	0.92	0.12	145,145,145,145	0
85	MG	5	3666	1/1	0.92	0.31	43,43,43,43	0
85	MG	5	3805	1/1	0.92	0.12	41,41,41,41	0
85	MG	1	3707	1/1	0.92	0.35	51,51,51,51	0
86	OHX	2	2101	7/7	0.92	0.11	163,163,163,163	0
86	OHX	2	2102	7/7	0.92	0.12	164,164,164,164	0
86	OHX	5	4130	7/7	0.92	0.12	152,152,152,152	0
85	MG	5	3807	1/1	0.92	0.09	82,82,82,82	0
85	MG	5	3808	1/1	0.92	0.24	32,32,32,32	0
85	MG	2	2013	1/1	0.92	0.35	80,80,80,80	0
86	OHX	1	4102	7/7	0.92	0.12	158,158,158,158	0
85	MG	1	3762	1/1	0.92	0.18	57,57,57,57	0
86	OHX	6	2071	7/7	0.92	0.14	161,161,161,161	0
86	OHX	5	4139	7/7	0.92	0.14	147,147,147,147	0
86	OHX	6	2093	7/7	0.92	0.12	156,156,156,156	0
86	OHX	1	4106	7/7	0.92	0.14	133,133,133,133	0
85	MG	5	3811	1/1	0.92	0.10	58,58,58,58	0
86	OHX	6	2104	7/7	0.92	0.17	130,130,130,130	0
85	MG	2	2000	1/1	0.92	0.18	86,86,86,86	0
85	MG	1	3557	1/1	0.92	0.12	57,57,57,57	0
86	OHX	6	2116	7/7	0.92	0.12	152,152,152,152	0
85	MG	1	3835	1/1	0.92	0.32	24,24,24,24	0
85	MG	4	206	1/1	0.92	0.36	38,38,38,38	0
85	MG	4	208	1/1	0.92	0.08	54,54,54,54	0
85	MG	1	3422	1/1	0.92	0.21	36,36,36,36	0
86	OHX	5	4153	7/7	0.92	0.26	125,125,125,125	0
85	MG	1	3519	1/1	0.92	0.28	38,38,38,38	0
85	MG	1	3490	1/1	0.92	0.20	52,52,52,52	0
86	OHX	6	2129	7/7	0.92	0.11	157,157,157,157	0
86	OHX	6	2130	7/7	0.92	0.17	144,144,144,144	0
85	MG	1	3670	1/1	0.92	0.32	50,50,50,50	0
85	MG	5	3692	1/1	0.92	0.09	51,51,51,51	0
86	OHX	2	2126	7/7	0.92	0.13	151,151,151,151	0
86	OHX	5	4162	7/7	0.92	0.10	162,162,162,162	0
85	MG	6	2042	1/1	0.92	0.08	53,53,53,53	0
86	OHX	1	4123	7/7	0.92	0.14	154,154,154,154	0
85	MG	1	3844	1/1	0.92	0.32	41,41,41,41	0
85	MG	5	3848	1/1	0.92	0.13	75,75,75,75	0
86	OHX	5	4167	7/7	0.92	0.31	114,114,114,114	0
86	OHX	6	2144	7/7	0.92	0.12	143,143,143,143	0
86	OHX	2	2131	7/7	0.92	0.15	143,143,143,143	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	2	2132	7/7	0.92	0.10	165,165,165,165	0
85	MG	2	1954	1/1	0.92	0.18	68,68,68,68	0
85	MG	1	3781	1/1	0.92	0.28	66,66,66,66	0
85	MG	5	3576	1/1	0.92	0.22	29,29,29,29	0
86	OHX	1	4131	7/7	0.92	0.12	167,167,167,167	0
85	MG	1	3724	1/1	0.92	0.36	57,57,57,57	0
85	MG	1	3523	1/1	0.92	0.21	29,29,29,29	0
85	MG	1	3787	1/1	0.92	0.36	41,41,41,41	0
85	MG	4	220	1/1	0.92	0.19	57,57,57,57	0
85	MG	1	3851	1/1	0.92	0.15	41,41,41,41	0
85	MG	5	3860	1/1	0.92	0.36	62,62,62,62	0
85	MG	5	3591	1/1	0.92	0.24	30,30,30,30	0
85	MG	L2	303	1/1	0.92	0.21	44,44,44,44	0
85	MG	5	3867	1/1	0.92	0.34	52,52,52,52	0
85	MG	L3	402	1/1	0.92	0.18	76,76,76,76	0
85	MG	1	3570	1/1	0.92	0.26	25,25,25,25	0
85	MG	1	3602	1/1	0.92	0.27	37,37,37,37	0
85	MG	6	1996	1/1	0.92	0.13	62,62,62,62	0
85	MG	5	3598	1/1	0.92	0.14	47,47,47,47	0
85	MG	5	3876	1/1	0.92	0.31	59,59,59,59	0
86	OHX	6	2170	7/7	0.92	0.34	122,122,122,122	0
85	MG	1	3477	1/1	0.92	0.29	45,45,45,45	0
85	MG	5	3723	1/1	0.92	0.10	62,62,62,62	0
85	MG	5	3601	1/1	0.92	0.08	59,59,59,59	0
85	MG	5	3726	1/1	0.92	0.30	29,29,29,29	0
85	MG	1	3508	1/1	0.92	0.29	20,20,20,20	0
85	MG	1	3643	1/1	0.92	0.10	66,66,66,66	0
85	MG	1	3861	1/1	0.92	0.17	76,76,76,76	0
85	MG	M3	201	1/1	0.92	0.06	46,46,46,46	0
85	MG	5	3414	1/1	0.92	0.27	29,29,29,29	0
85	MG	6	1937	1/1	0.92	0.25	45,45,45,45	0
85	MG	1	3801	1/1	0.92	0.23	37,37,37,37	0
85	MG	5	3618	1/1	0.92	0.23	42,42,42,42	0
85	MG	5	3744	1/1	0.92	0.23	70,70,70,70	0
86	OHX	5	4209	7/7	0.92	0.09	195,195,195,195	0
85	MG	C3	201	1/1	0.92	0.35	70,70,70,70	0
85	MG	5	3746	1/1	0.92	0.32	40,40,40,40	0
85	MG	1	3646	1/1	0.92	0.19	46,46,46,46	0
85	MG	1	3465	1/1	0.92	0.16	56,56,56,56	0
85	MG	6	1943	1/1	0.92	0.32	38,38,38,38	0
85	MG	6	1944	1/1	0.92	0.33	65,65,65,65	0
85	MG	1	3693	1/1	0.92	0.29	56,56,56,56	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3407	1/1	0.92	0.27	43,43,43,43	0
85	MG	8	202	1/1	0.92	0.34	41,41,41,41	0
85	MG	8	204	1/1	0.92	0.36	58,58,58,58	0
85	MG	8	206	1/1	0.92	0.19	46,46,46,46	0
85	MG	5	3628	1/1	0.92	0.16	50,50,50,50	0
85	MG	5	3629	1/1	0.92	0.27	64,64,64,64	0
85	MG	1	3741	1/1	0.92	0.28	57,57,57,57	0
85	MG	5	3436	1/1	0.92	0.12	58,58,58,58	0
85	MG	3	203	1/1	0.92	0.16	105,105,105,105	0
86	OHX	6	2201	7/7	0.92	0.15	156,156,156,156	0
85	MG	2	1925	1/1	0.92	0.40	57,57,57,57	0
85	MG	N3	202	1/1	0.92	0.22	77,77,77,77	0
85	MG	14	401	1/1	0.92	0.10	41,41,41,41	0
85	MG	15	301	1/1	0.92	0.08	60,60,60,60	0
85	MG	5	3443	1/1	0.92	0.10	35,35,35,35	0
86	OHX	1	4001	7/7	0.92	0.14	128,128,128,128	0
85	MG	5	3779	1/1	0.92	0.09	88,88,88,88	0
86	OHX	c8	203	7/7	0.92	0.10	172,172,172,172	0
86	OHX	1	4012	7/7	0.92	0.14	148,148,148,148	0
86	OHX	1	4019	7/7	0.92	0.11	149,149,149,149	0
86	OHX	sR	401	7/7	0.92	0.10	177,177,177,177	0
85	MG	1	3618	1/1	0.92	0.09	74,74,74,74	0
86	OHX	5	4017	7/7	0.92	0.14	131,131,131,131	0
86	OHX	1	4026	7/7	0.92	0.11	152,152,152,152	0
85	MG	5	3647	1/1	0.92	0.23	33,33,33,33	0
85	MG	5	3446	1/1	0.92	0.10	52,52,52,52	0
86	OHX	5	4050	7/7	0.92	0.32	126,126,126,126	0
86	OHX	1	4045	7/7	0.92	0.32	121,121,121,121	0
85	MG	1	3401	1/1	0.92	0.25	39,39,39,39	0
86	OHX	5	4062	7/7	0.92	0.15	129,129,129,129	0
86	OHX	8	223	7/7	0.92	0.12	135,135,135,135	0
86	OHX	1	4052	7/7	0.92	0.10	151,151,151,151	0
86	OHX	1	4057	7/7	0.92	0.31	106,106,106,106	0
86	OHX	5	4073	7/7	0.92	0.13	153,153,153,153	0
86	OHX	5	4074	7/7	0.92	0.13	133,133,133,133	0
85	MG	n0	201	1/1	0.92	0.07	43,43,43,43	0
85	MG	n3	201	1/1	0.92	0.28	27,27,27,27	0
85	MG	5	3788	1/1	0.92	0.10	63,63,63,63	0
85	MG	5	3789	1/1	0.92	0.16	40,40,40,40	0
85	MG	n8	201	1/1	0.92	0.18	45,45,45,45	0
85	MG	1	3554	1/1	0.92	0.25	38,38,38,38	0
85	MG	N8	204	1/1	0.92	0.26	44,44,44,44	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3621	1/1	0.92	0.24	66,66,66,66	0
86	OHX	5	4092	7/7	0.92	0.12	141,141,141,141	0
85	MG	o3	202	1/1	0.92	0.31	38,38,38,38	0
85	MG	o4	201	1/1	0.92	0.28	64,64,64,64	0
86	OHX	m5	303	7/7	0.92	0.13	149,149,149,149	0
85	MG	6	2026	1/1	0.92	0.15	98,98,98,98	0
85	MG	5	3662	1/1	0.92	0.27	33,33,33,33	0
86	OHX	n3	204	7/7	0.92	0.14	125,125,125,125	0
86	OHX	2	2057	7/7	0.92	0.11	168,168,168,168	0
86	OHX	2	2068	7/7	0.92	0.10	169,169,169,169	0
85	MG	5	3798	1/1	0.92	0.05	31,31,31,31	0
87	ZN	e1	501	1/1	0.92	0.08	204,204,204,204	0
86	OHX	5	4095	7/7	0.93	0.10	155,155,155,155	0
86	OHX	5	4097	7/7	0.93	0.09	164,164,164,164	0
86	OHX	5	4101	7/7	0.93	0.13	131,131,131,131	0
86	OHX	1	4061	7/7	0.93	0.09	170,170,170,170	0
85	MG	1	3831	1/1	0.93	0.15	30,30,30,30	0
85	MG	5	3539	1/1	0.93	0.27	26,26,26,26	0
86	OHX	5	4106	7/7	0.93	0.14	141,141,141,141	0
85	MG	1	3833	1/1	0.93	0.29	20,20,20,20	0
86	OHX	5	4108	7/7	0.93	0.24	125,125,125,125	0
86	OHX	5	4109	7/7	0.93	0.15	132,132,132,132	0
85	MG	1	3460	1/1	0.93	0.35	24,24,24,24	0
85	MG	1	3766	1/1	0.93	0.25	49,49,49,49	0
85	MG	5	3801	1/1	0.93	0.16	50,50,50,50	0
85	MG	5	3661	1/1	0.93	0.16	43,43,43,43	0
86	OHX	1	4072	7/7	0.93	0.13	159,159,159,159	0
86	OHX	5	4116	7/7	0.93	0.11	152,152,152,152	0
85	MG	1	3505	1/1	0.93	0.21	38,38,38,38	0
86	OHX	2	2054	7/7	0.93	0.11	152,152,152,152	0
86	OHX	5	4121	7/7	0.93	0.12	139,139,139,139	0
85	MG	2	2016	1/1	0.93	0.27	69,69,69,69	0
86	OHX	2	2062	7/7	0.93	0.13	154,154,154,154	0
85	MG	5	3451	1/1	0.93	0.06	40,40,40,40	0
86	OHX	2	2074	7/7	0.93	0.14	131,131,131,131	0
85	MG	1	3559	1/1	0.93	0.27	26,26,26,26	0
85	MG	1	3413	1/1	0.93	0.21	44,44,44,44	0
85	MG	5	3670	1/1	0.93	0.17	47,47,47,47	0
86	OHX	2	2082	7/7	0.93	0.09	169,169,169,169	0
86	OHX	1	4086	7/7	0.93	0.13	142,142,142,142	0
85	MG	5	3671	1/1	0.93	0.26	35,35,35,35	0
85	MG	5	3672	1/1	0.93	0.35	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	MG	2	2003	1/1	0.93	0.26	90,90,90,90	0
86	OHX	5	4138	7/7	0.93	0.25	125,125,125,125	0
85	MG	1	3623	1/1	0.93	0.36	48,48,48,48	0
86	OHX	5	4140	7/7	0.93	0.16	132,132,132,132	0
85	MG	5	3552	1/1	0.93	0.35	39,39,39,39	0
85	MG	1	3624	1/1	0.93	0.10	42,42,42,42	0
85	MG	5	3825	1/1	0.93	0.22	29,29,29,29	0
85	MG	6	1973	1/1	0.93	0.24	48,48,48,48	0
85	MG	6	1974	1/1	0.93	0.28	52,52,52,52	0
85	MG	1	3480	1/1	0.93	0.34	48,48,48,48	0
86	OHX	2	2106	7/7	0.93	0.12	144,144,144,144	0
86	OHX	1	4103	7/7	0.93	0.14	131,131,131,131	0
85	MG	1	3668	1/1	0.93	0.28	44,44,44,44	0
85	MG	1	3594	1/1	0.93	0.32	34,34,34,34	0
86	OHX	2	2113	7/7	0.93	0.12	146,146,146,146	0
85	MG	1	3595	1/1	0.93	0.23	24,24,24,24	0
85	MG	1	3431	1/1	0.93	0.13	52,52,52,52	0
85	MG	5	3690	1/1	0.93	0.23	39,39,39,39	0
86	OHX	6	2133	7/7	0.93	0.11	145,145,145,145	0
85	MG	L2	302	1/1	0.93	0.14	40,40,40,40	0
85	MG	1	3633	1/1	0.93	0.09	37,37,37,37	0
85	MG	1	3565	1/1	0.93	0.21	35,35,35,35	0
85	MG	2	1919	1/1	0.93	0.38	73,73,73,73	0
86	OHX	6	2141	7/7	0.93	0.10	156,156,156,156	0
85	MG	5	3853	1/1	0.93	0.15	49,49,49,49	0
85	MG	1	3859	1/1	0.93	0.35	55,55,55,55	0
85	MG	5	3482	1/1	0.93	0.22	57,57,57,57	0
85	MG	5	3574	1/1	0.93	0.29	27,27,27,27	0
85	MG	1	3636	1/1	0.93	0.13	46,46,46,46	0
85	MG	5	3577	1/1	0.93	0.46	45,45,45,45	0
85	MG	5	3579	1/1	0.93	0.19	29,29,29,29	0
85	MG	5	3861	1/1	0.93	0.19	61,61,61,61	0
85	MG	1	3444	1/1	0.93	0.19	47,47,47,47	0
86	OHX	2	2133	7/7	0.93	0.10	167,167,167,167	0
85	MG	5	3863	1/1	0.93	0.16	29,29,29,29	0
85	MG	5	3864	1/1	0.93	0.33	30,30,30,30	0
85	MG	5	3582	1/1	0.93	0.31	44,44,44,44	0
85	MG	s8	301	1/1	0.93	0.22	51,51,51,51	0
85	MG	L7	302	1/1	0.93	0.15	46,46,46,46	0
85	MG	5	3713	1/1	0.93	0.13	52,52,52,52	0
85	MG	5	3490	1/1	0.93	0.21	49,49,49,49	0
85	MG	5	3872	1/1	0.93	0.20	40,40,40,40	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3684	1/1	0.93	0.39	67,67,67,67	0
85	MG	5	3716	1/1	0.93	0.36	61,61,61,61	0
86	OHX	1	4139	7/7	0.93	0.29	118,118,118,118	0
85	MG	6	1993	1/1	0.93	0.19	58,58,58,58	0
85	MG	d3	203	1/1	0.93	0.20	41,41,41,41	0
85	MG	1	3737	1/1	0.93	0.11	33,33,33,33	0
85	MG	1	3572	1/1	0.93	0.28	26,26,26,26	0
85	MG	1	3604	1/1	0.93	0.19	39,39,39,39	0
85	MG	1	4214	1/1	0.93	0.19	34,34,34,34	0
85	MG	1	3470	1/1	0.93	0.19	46,46,46,46	0
86	OHX	6	2175	7/7	0.93	0.25	116,116,116,116	0
85	MG	5	3884	1/1	0.93	0.26	42,42,42,42	0
85	MG	5	3728	1/1	0.93	0.12	52,52,52,52	0
85	MG	M7	202	1/1	0.93	0.27	37,37,37,37	0
86	OHX	1	4150	7/7	0.93	0.23	122,122,122,122	0
85	MG	1	3813	1/1	0.93	0.12	54,54,54,54	0
85	MG	5	3602	1/1	0.93	0.17	44,44,44,44	0
85	MG	5	3735	1/1	0.93	0.20	43,43,43,43	0
85	MG	M7	204	1/1	0.93	0.14	42,42,42,42	0
85	MG	2	1927	1/1	0.93	0.20	37,37,37,37	0
85	MG	1	3553	1/1	0.93	0.32	51,51,51,51	0
85	MG	1	3610	1/1	0.93	0.15	46,46,46,46	0
85	MG	1	3697	1/1	0.93	0.16	54,54,54,54	0
85	MG	7	204	1/1	0.93	0.22	61,61,61,61	0
85	MG	5	3613	1/1	0.93	0.23	35,35,35,35	0
85	MG	5	3511	1/1	0.93	0.30	36,36,36,36	0
85	MG	5	3615	1/1	0.93	0.18	43,43,43,43	0
86	OHX	2	2166	7/7	0.93	0.09	169,169,169,169	0
85	MG	7	210	1/1	0.93	0.21	41,41,41,41	0
85	MG	7	214	1/1	0.93	0.09	78,78,78,78	0
85	MG	2	2015	1/1	0.93	0.34	67,67,67,67	0
85	MG	5	3750	1/1	0.93	0.16	54,54,54,54	0
85	MG	5	3513	1/1	0.93	0.38	30,30,30,30	0
85	MG	8	203	1/1	0.93	0.25	69,69,69,69	0
85	MG	1	3647	1/1	0.93	0.17	44,44,44,44	0
85	MG	8	205	1/1	0.93	0.23	49,49,49,49	0
85	MG	1	3614	1/1	0.93	0.20	31,31,31,31	0
85	MG	1	3449	1/1	0.93	0.24	36,36,36,36	0
85	MG	8	208	1/1	0.93	0.23	50,50,50,50	0
85	MG	5	3424	1/1	0.93	0.12	49,49,49,49	0
85	MG	1	3824	1/1	0.93	0.18	49,49,49,49	0
86	OHX	5	4228	7/7	0.93	0.26	119,119,119,119	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3427	1/1	0.93	0.27	32,32,32,32	0
85	MG	8	212	1/1	0.93	0.16	57,57,57,57	0
85	MG	1	3759	1/1	0.93	0.16	53,53,53,53	0
85	MG	5	3523	1/1	0.93	0.36	40,40,40,40	0
85	MG	8	215	1/1	0.93	0.24	38,38,38,38	0
85	MG	5	3431	1/1	0.93	0.19	38,38,38,38	0
86	OHX	1	3924	7/7	0.93	0.14	119,119,119,119	0
86	OHX	5	3966	7/7	0.93	0.24	114,114,114,114	0
86	OHX	5	3986	7/7	0.93	0.29	123,123,123,123	0
86	OHX	1	3954	7/7	0.93	0.18	111,111,111,111	0
85	MG	13	403	1/1	0.93	0.24	36,36,36,36	0
86	OHX	5	4018	7/7	0.93	0.24	121,121,121,121	0
85	MG	1	3827	1/1	0.93	0.12	47,47,47,47	0
86	OHX	5	4022	7/7	0.93	0.18	121,121,121,121	0
86	OHX	1	4009	7/7	0.93	0.13	139,139,139,139	0
86	OHX	5	4040	7/7	0.93	0.13	141,141,141,141	0
85	MG	5	3633	1/1	0.93	0.16	44,44,44,44	0
85	MG	5	3433	1/1	0.93	0.15	33,33,33,33	0
86	OHX	1	4015	7/7	0.93	0.11	146,146,146,146	0
85	MG	5	3780	1/1	0.93	0.30	60,60,60,60	0
86	OHX	5	4057	7/7	0.93	0.11	141,141,141,141	0
85	MG	6	2016	1/1	0.93	0.10	82,82,82,82	0
86	OHX	5	4064	7/7	0.93	0.14	142,142,142,142	0
85	MG	5	3529	1/1	0.93	0.27	31,31,31,31	0
86	OHX	8	229	7/7	0.93	0.10	157,157,157,157	0
86	OHX	5	4066	7/7	0.93	0.13	132,132,132,132	0
85	MG	5	3532	1/1	0.93	0.23	31,31,31,31	0
86	OHX	5	4070	7/7	0.93	0.13	143,143,143,143	0
86	OHX	1	4031	7/7	0.93	0.13	143,143,143,143	0
86	OHX	1	4033	7/7	0.93	0.30	127,127,127,127	0
85	MG	1	3704	1/1	0.93	0.18	45,45,45,45	0
86	OHX	5	4077	7/7	0.93	0.13	128,128,128,128	0
86	OHX	1	4039	7/7	0.93	0.13	134,134,134,134	0
86	OHX	5	4080	7/7	0.93	0.13	140,140,140,140	0
86	OHX	1	4042	7/7	0.93	0.14	133,133,133,133	0
85	MG	5	3643	1/1	0.93	0.11	41,41,41,41	0
86	OHX	5	4084	7/7	0.93	0.28	115,115,115,115	0
86	OHX	5	4085	7/7	0.93	0.35	113,113,113,113	0
86	OHX	1	4047	7/7	0.93	0.32	124,124,124,124	0
86	OHX	1	4048	7/7	0.93	0.12	137,137,137,137	0
85	MG	1	3616	1/1	0.93	0.22	46,46,46,46	0
85	MG	n3	202	1/1	0.93	0.11	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	MG	6	2019	1/1	0.93	0.07	54,54,54,54	0
86	OHX	3	221	7/7	0.93	0.12	140,140,140,140	0
85	MG	6	1960	1/1	0.93	0.26	42,42,42,42	0
87	ZN	q2	501	1/1	0.93	0.21	91,91,91,91	0
85	MG	1	3767	1/1	0.94	0.09	45,45,45,45	0
85	MG	1	3768	1/1	0.94	0.08	53,53,53,53	0
86	OHX	5	4120	7/7	0.94	0.10	155,155,155,155	0
86	OHX	1	4122	7/7	0.94	0.28	116,116,116,116	0
85	MG	m6	201	1/1	0.94	0.20	32,32,32,32	0
85	MG	1	3814	1/1	0.94	0.31	51,51,51,51	0
85	MG	5	3840	1/1	0.94	0.20	52,52,52,52	0
85	MG	1	3671	1/1	0.94	0.15	46,46,46,46	0
86	OHX	6	2135	7/7	0.94	0.14	139,139,139,139	0
85	MG	2	1999	1/1	0.94	0.16	99,99,99,99	0
86	OHX	6	2137	7/7	0.94	0.12	151,151,151,151	0
85	MG	1	3775	1/1	0.94	0.15	49,49,49,49	0
85	MG	5	3729	1/1	0.94	0.09	43,43,43,43	0
85	MG	1	3651	1/1	0.94	0.12	48,48,48,48	0
85	MG	5	3652	1/1	0.94	0.22	65,65,65,65	0
85	MG	6	1982	1/1	0.94	0.16	52,52,52,52	0
85	MG	5	3851	1/1	0.94	0.10	82,82,82,82	0
85	MG	1	3605	1/1	0.94	0.15	47,47,47,47	0
85	MG	D3	201	1/1	0.94	0.10	58,58,58,58	0
85	MG	1	3576	1/1	0.94	0.29	29,29,29,29	0
85	MG	5	3739	1/1	0.94	0.11	58,58,58,58	0
85	MG	5	3740	1/1	0.94	0.20	31,31,31,31	0
86	OHX	2	2040	7/7	0.94	0.13	113,113,113,113	0
86	OHX	2	2052	7/7	0.94	0.20	127,127,127,127	0
85	MG	5	3660	1/1	0.94	0.21	27,27,27,27	0
86	OHX	2	2056	7/7	0.94	0.10	148,148,148,148	0
85	MG	5	3742	1/1	0.94	0.18	37,37,37,37	0
86	OHX	5	4149	7/7	0.94	0.13	130,130,130,130	0
85	MG	O2	201	1/1	0.94	0.13	30,30,30,30	0
86	OHX	2	2067	7/7	0.94	0.10	157,157,157,157	0
85	MG	6	1942	1/1	0.94	0.22	34,34,34,34	0
85	MG	1	3780	1/1	0.94	0.19	38,38,38,38	0
86	OHX	1	3985	7/7	0.94	0.29	118,118,118,118	0
86	OHX	1	3991	7/7	0.94	0.28	117,117,117,117	0
86	OHX	1	4151	7/7	0.94	0.13	139,139,139,139	0
86	OHX	5	4157	7/7	0.94	0.27	125,125,125,125	0
85	MG	4	218	1/1	0.94	0.24	58,58,58,58	0
86	OHX	1	4002	7/7	0.94	0.23	112,112,112,112	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	4004	7/7	0.94	0.26	116,116,116,116	0
86	OHX	1	4006	7/7	0.94	0.14	133,133,133,133	0
85	MG	6	1992	1/1	0.94	0.09	60,60,60,60	0
85	MG	5	3668	1/1	0.94	0.14	36,36,36,36	0
86	OHX	1	4011	7/7	0.94	0.12	149,149,149,149	0
85	MG	1	3680	1/1	0.94	0.15	47,47,47,47	0
86	OHX	1	4014	7/7	0.94	0.12	139,139,139,139	0
86	OHX	2	2084	7/7	0.94	0.15	139,139,139,139	0
85	MG	5	3449	1/1	0.94	0.24	32,32,32,32	0
85	MG	5	3755	1/1	0.94	0.05	39,39,39,39	0
86	OHX	1	4024	7/7	0.94	0.09	160,160,160,160	0
85	MG	5	3870	1/1	0.94	0.29	45,45,45,45	0
85	MG	2	1979	1/1	0.94	0.41	60,60,60,60	0
86	OHX	5	4175	7/7	0.94	0.09	170,170,170,170	0
86	OHX	1	4030	7/7	0.94	0.31	120,120,120,120	0
86	OHX	2	2098	7/7	0.94	0.10	171,171,171,171	0
86	OHX	2	2099	7/7	0.94	0.11	135,135,135,135	0
85	MG	1	3656	1/1	0.94	0.20	47,47,47,47	0
86	OHX	1	4037	7/7	0.94	0.10	156,156,156,156	0
86	OHX	1	4038	7/7	0.94	0.14	132,132,132,132	0
85	MG	5	3759	1/1	0.94	0.17	54,54,54,54	0
85	MG	1	3786	1/1	0.94	0.21	69,69,69,69	0
86	OHX	1	4043	7/7	0.94	0.27	113,113,113,113	0
85	MG	5	3875	1/1	0.94	0.12	32,32,32,32	0
86	OHX	1	4180	7/7	0.94	0.22	114,114,114,114	0
86	OHX	1	4046	7/7	0.94	0.26	131,131,131,131	0
86	OHX	5	4188	7/7	0.94	0.23	130,130,130,130	0
85	MG	1	3744	1/1	0.94	0.24	48,48,48,48	0
85	MG	5	3767	1/1	0.94	0.10	48,48,48,48	0
86	OHX	1	4049	7/7	0.94	0.10	160,160,160,160	0
85	MG	2	1942	1/1	0.94	0.19	76,76,76,76	0
85	MG	1	3579	1/1	0.94	0.34	32,32,32,32	0
86	OHX	1	4053	7/7	0.94	0.09	162,162,162,162	0
86	OHX	1	4055	7/7	0.94	0.26	123,123,123,123	0
85	MG	1	3488	1/1	0.94	0.17	53,53,53,53	0
86	OHX	1	4059	7/7	0.94	0.09	192,192,192,192	0
85	MG	5	3681	1/1	0.94	0.13	46,46,46,46	0
85	MG	6	1955	1/1	0.94	0.40	40,40,40,40	0
85	MG	5	3683	1/1	0.94	0.08	33,33,33,33	0
85	MG	6	2002	1/1	0.94	0.12	83,83,83,83	0
85	MG	5	3467	1/1	0.94	0.13	35,35,35,35	0
86	OHX	1	4197	7/7	0.94	0.11	136,136,136,136	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	4066	7/7	0.94	0.09	165,165,165,165	0
85	MG	6	1957	1/1	0.94	0.43	56,56,56,56	0
85	MG	5	3687	1/1	0.94	0.09	46,46,46,46	0
86	OHX	1	4069	7/7	0.94	0.17	138,138,138,138	0
85	MG	5	3782	1/1	0.94	0.08	30,30,30,30	0
85	MG	1	3793	1/1	0.94	0.13	71,71,71,71	0
86	OHX	5	3987	7/7	0.94	0.10	144,144,144,144	0
85	MG	1	3720	1/1	0.94	0.13	45,45,45,45	0
85	MG	1	3838	1/1	0.94	0.10	37,37,37,37	0
86	OHX	1	4074	7/7	0.94	0.10	137,137,137,137	0
85	MG	5	3473	1/1	0.94	0.29	67,67,67,67	0
86	OHX	1	4076	7/7	0.94	0.13	133,133,133,133	0
86	OHX	5	4024	7/7	0.94	0.21	103,103,103,103	0
86	OHX	5	4032	7/7	0.94	0.10	137,137,137,137	0
85	MG	5	3693	1/1	0.94	0.07	52,52,52,52	0
85	MG	7	203	1/1	0.94	0.18	30,30,30,30	0
86	OHX	5	4042	7/7	0.94	0.13	142,142,142,142	0
86	OHX	5	4043	7/7	0.94	0.10	135,135,135,135	0
85	MG	1	3661	1/1	0.94	0.14	48,48,48,48	0
86	OHX	5	4047	7/7	0.94	0.26	109,109,109,109	0
85	MG	6	2009	1/1	0.94	0.10	59,59,59,59	0
86	OHX	5	4051	7/7	0.94	0.11	133,133,133,133	0
85	MG	7	206	1/1	0.94	0.40	29,29,29,29	0
85	MG	5	3477	1/1	0.94	0.21	27,27,27,27	0
85	MG	5	3698	1/1	0.94	0.08	43,43,43,43	0
85	MG	5	3796	1/1	0.94	0.13	47,47,47,47	0
85	MG	7	211	1/1	0.94	0.14	63,63,63,63	0
85	MG	5	3699	1/1	0.94	0.12	69,69,69,69	0
85	MG	7	216	1/1	0.94	0.09	44,44,44,44	0
86	OHX	1	4090	7/7	0.94	0.09	175,175,175,175	0
85	MG	5	3478	1/1	0.94	0.22	62,62,62,62	0
86	OHX	1	4093	7/7	0.94	0.09	154,154,154,154	0
85	MG	5	3799	1/1	0.94	0.07	48,48,48,48	0
85	MG	5	3543	1/1	0.94	0.20	37,37,37,37	0
85	MG	M0	301	1/1	0.94	0.13	85,85,85,85	0
85	MG	M0	302	1/1	0.94	0.18	45,45,45,45	0
86	OHX	1	4098	7/7	0.94	0.26	120,120,120,120	0
86	OHX	M5	303	7/7	0.94	0.14	129,129,129,129	0
85	MG	1	3644	1/1	0.94	0.20	42,42,42,42	0
86	OHX	7	224	7/7	0.94	0.10	146,146,146,146	0
85	MG	1	3510	1/1	0.94	0.25	33,33,33,33	0
85	MG	6	1966	1/1	0.94	0.18	89,89,89,89	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3842	1/1	0.94	0.17	47,47,47,47	0
86	OHX	8	219	7/7	0.94	0.19	129,129,129,129	0
86	OHX	8	220	7/7	0.94	0.10	145,145,145,145	0
86	OHX	5	4087	7/7	0.94	0.23	126,126,126,126	0
86	OHX	5	4088	7/7	0.94	0.10	151,151,151,151	0
85	MG	M3	203	1/1	0.94	0.16	36,36,36,36	0
85	MG	5	3488	1/1	0.94	0.28	20,20,20,20	0
85	MG	1	3566	1/1	0.94	0.35	27,27,27,27	0
85	MG	M6	201	1/1	0.94	0.15	43,43,43,43	0
86	OHX	6	2084	7/7	0.94	0.20	125,125,125,125	0
85	MG	1	3805	1/1	0.94	0.14	63,63,63,63	0
85	MG	5	3813	1/1	0.94	0.07	44,44,44,44	0
86	OHX	5	4096	7/7	0.94	0.24	108,108,108,108	0
85	MG	5	3816	1/1	0.94	0.27	70,70,70,70	0
86	OHX	5	4099	7/7	0.94	0.26	119,119,119,119	0
86	OHX	6	2103	7/7	0.94	0.12	134,134,134,134	0
85	MG	l3	401	1/1	0.94	0.06	33,33,33,33	0
85	MG	2	1983	1/1	0.94	0.29	64,64,64,64	0
86	OHX	6	2113	7/7	0.94	0.11	136,136,136,136	0
86	OHX	6	2114	7/7	0.94	0.11	151,151,151,151	0
85	MG	1	3542	1/1	0.94	0.30	35,35,35,35	0
86	OHX	1	4114	7/7	0.94	0.15	133,133,133,133	0
85	MG	5	3718	1/1	0.94	0.12	51,51,51,51	0
86	OHX	6	2120	7/7	0.94	0.11	151,151,151,151	0
86	OHX	6	2121	7/7	0.94	0.26	117,117,117,117	0
86	OHX	n6	203	7/7	0.94	0.10	153,153,153,153	0
85	MG	5	3824	1/1	0.94	0.16	31,31,31,31	0
86	OHX	1	4117	7/7	0.94	0.14	137,137,137,137	0
85	MG	1	3649	1/1	0.94	0.18	34,34,34,34	0
85	MG	5	3720	1/1	0.94	0.24	42,42,42,42	0
86	OHX	5	4117	7/7	0.94	0.12	137,137,137,137	0
86	OHX	2	2053	7/7	0.95	0.09	148,148,148,148	0
85	MG	5	3646	1/1	0.95	0.09	57,57,57,57	0
86	OHX	2	2055	7/7	0.95	0.11	130,130,130,130	0
86	OHX	6	2127	7/7	0.95	0.10	154,154,154,154	0
85	MG	O7	102	1/1	0.95	0.18	44,44,44,44	0
85	MG	1	3795	1/1	0.95	0.14	62,62,62,62	0
86	OHX	1	3938	7/7	0.95	0.12	111,111,111,111	0
86	OHX	1	3947	7/7	0.95	0.17	101,101,101,101	0
86	OHX	1	3948	7/7	0.95	0.17	129,129,129,129	0
85	MG	1	3846	1/1	0.95	0.40	53,53,53,53	0
86	OHX	1	3958	7/7	0.95	0.22	111,111,111,111	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	3967	7/7	0.95	0.09	130,130,130,130	0
86	OHX	1	4136	7/7	0.95	0.11	115,115,115,115	0
86	OHX	1	3978	7/7	0.95	0.31	105,105,105,105	0
85	MG	5	3401	1/1	0.95	0.12	63,63,63,63	0
86	OHX	6	2140	7/7	0.95	0.12	140,140,140,140	0
86	OHX	5	4125	7/7	0.95	0.15	121,121,121,121	0
85	MG	1	3751	1/1	0.95	0.16	48,48,48,48	0
86	OHX	1	3990	7/7	0.95	0.13	127,127,127,127	0
86	OHX	6	2143	7/7	0.95	0.12	143,143,143,143	0
86	OHX	5	4129	7/7	0.95	0.14	131,131,131,131	0
86	OHX	2	2069	7/7	0.95	0.21	128,128,128,128	0
86	OHX	6	2145	7/7	0.95	0.21	120,120,120,120	0
86	OHX	1	3992	7/7	0.95	0.12	143,143,143,143	0
86	OHX	6	2147	7/7	0.95	0.26	119,119,119,119	0
86	OHX	1	3997	7/7	0.95	0.09	176,176,176,176	0
86	OHX	2	2072	7/7	0.95	0.12	142,142,142,142	0
85	MG	5	3556	1/1	0.95	0.30	28,28,28,28	0
86	OHX	2	2075	7/7	0.95	0.10	155,155,155,155	0
85	MG	5	3866	1/1	0.95	0.24	25,25,25,25	0
86	OHX	6	2153	7/7	0.95	0.18	123,123,123,123	0
86	OHX	1	4007	7/7	0.95	0.22	119,119,119,119	0
86	OHX	2	2077	7/7	0.95	0.10	130,130,130,130	0
86	OHX	2	2079	7/7	0.95	0.13	134,134,134,134	0
85	MG	5	3557	1/1	0.95	0.24	52,52,52,52	0
85	MG	1	3800	1/1	0.95	0.17	55,55,55,55	0
85	MG	5	3754	1/1	0.95	0.20	58,58,58,58	0
85	MG	1	3453	1/1	0.95	0.26	37,37,37,37	0
86	OHX	1	4156	7/7	0.95	0.25	126,126,126,126	0
86	OHX	1	4016	7/7	0.95	0.21	124,124,124,124	0
86	OHX	1	4017	7/7	0.95	0.08	168,168,168,168	0
86	OHX	1	4018	7/7	0.95	0.10	131,131,131,131	0
86	OHX	2	2086	7/7	0.95	0.12	128,128,128,128	0
85	MG	5	3560	1/1	0.95	0.33	32,32,32,32	0
86	OHX	1	4023	7/7	0.95	0.09	156,156,156,156	0
85	MG	6	2008	1/1	0.95	0.20	54,54,54,54	0
86	OHX	1	4025	7/7	0.95	0.12	128,128,128,128	0
85	MG	5	3486	1/1	0.95	0.24	46,46,46,46	0
85	MG	1	3657	1/1	0.95	0.39	45,45,45,45	0
86	OHX	1	4029	7/7	0.95	0.11	138,138,138,138	0
86	OHX	2	2096	7/7	0.95	0.12	153,153,153,153	0
86	OHX	2	2097	7/7	0.95	0.07	186,186,186,186	0
85	MG	5	3665	1/1	0.95	0.18	62,62,62,62	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3763	1/1	0.95	0.32	48,48,48,48	0
85	MG	5	3408	1/1	0.95	0.18	34,34,34,34	0
85	MG	5	3878	1/1	0.95	0.25	40,40,40,40	0
85	MG	1	3716	1/1	0.95	0.09	57,57,57,57	0
86	OHX	1	4040	7/7	0.95	0.24	126,126,126,126	0
85	MG	1	3804	1/1	0.95	0.12	91,91,91,91	0
85	MG	5	3412	1/1	0.95	0.15	33,33,33,33	0
85	MG	5	3772	1/1	0.95	0.09	37,37,37,37	0
85	MG	1	3575	1/1	0.95	0.31	25,25,25,25	0
85	MG	5	3775	1/1	0.95	0.23	55,55,55,55	0
85	MG	5	3415	1/1	0.95	0.14	56,56,56,56	0
85	MG	5	3416	1/1	0.95	0.08	34,34,34,34	0
85	MG	5	3575	1/1	0.95	0.22	33,33,33,33	0
85	MG	1	3854	1/1	0.95	0.18	73,73,73,73	0
85	MG	1	3718	1/1	0.95	0.08	37,37,37,37	0
85	MG	5	3578	1/1	0.95	0.18	37,37,37,37	0
85	MG	1	3719	1/1	0.95	0.16	46,46,46,46	0
86	OHX	1	4058	7/7	0.95	0.30	123,123,123,123	0
85	MG	6	1916	1/1	0.95	0.39	58,58,58,58	0
86	OHX	2	2121	7/7	0.95	0.10	162,162,162,162	0
85	MG	5	3785	1/1	0.95	0.12	53,53,53,53	0
85	MG	L3	401	1/1	0.95	0.22	39,39,39,39	0
85	MG	1	3686	1/1	0.95	0.07	41,41,41,41	0
85	MG	5	3503	1/1	0.95	0.34	34,34,34,34	0
85	MG	1	3810	1/1	0.95	0.19	64,64,64,64	0
85	MG	2	1902	1/1	0.95	0.26	52,52,52,52	0
85	MG	5	3791	1/1	0.95	0.25	47,47,47,47	0
85	MG	1	3765	1/1	0.95	0.28	47,47,47,47	0
85	MG	1	3461	1/1	0.95	0.27	29,29,29,29	0
85	MG	1	3487	1/1	0.95	0.16	38,38,38,38	0
85	MG	1	3405	1/1	0.95	0.34	64,64,64,64	0
85	MG	2	1922	1/1	0.95	0.30	66,66,66,66	0
85	MG	1	3770	1/1	0.95	0.24	61,61,61,61	0
85	MG	1	3771	1/1	0.95	0.09	92,92,92,92	0
85	MG	5	3599	1/1	0.95	0.21	44,44,44,44	0
85	MG	1	3499	1/1	0.95	0.35	61,61,61,61	0
85	MG	1	3774	1/1	0.95	0.14	58,58,58,58	0
86	OHX	5	3970	7/7	0.95	0.12	112,112,112,112	0
85	MG	1	3699	1/1	0.95	0.06	46,46,46,46	0
85	MG	1	3583	1/1	0.95	0.25	22,22,22,22	0
86	OHX	5	3989	7/7	0.95	0.24	112,112,112,112	0
86	OHX	5	3995	7/7	0.95	0.29	116,116,116,116	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	5	3996	7/7	0.95	0.29	87,87,87,87	0
86	OHX	5	4000	7/7	0.95	0.11	126,126,126,126	0
85	MG	1	3734	1/1	0.95	0.11	65,65,65,65	0
86	OHX	5	4211	7/7	0.95	0.25	117,117,117,117	0
86	OHX	5	4014	7/7	0.95	0.12	139,139,139,139	0
86	OHX	3	216	7/7	0.95	0.14	129,129,129,129	0
85	MG	1	3568	1/1	0.95	0.18	33,33,33,33	0
86	OHX	5	4020	7/7	0.95	0.20	123,123,123,123	0
85	MG	1	3628	1/1	0.95	0.23	30,30,30,30	0
85	MG	6	1986	1/1	0.95	0.08	50,50,50,50	0
85	MG	5	3611	1/1	0.95	0.22	50,50,50,50	0
86	OHX	5	4030	7/7	0.95	0.10	136,136,136,136	0
86	OHX	5	4031	7/7	0.95	0.08	150,150,150,150	0
85	MG	1	3569	1/1	0.95	0.30	29,29,29,29	0
86	OHX	5	4033	7/7	0.95	0.08	144,144,144,144	0
86	OHX	5	4035	7/7	0.95	0.13	145,145,145,145	0
85	MG	1	3586	1/1	0.95	0.34	52,52,52,52	0
86	OHX	5	4038	7/7	0.95	0.12	121,121,121,121	0
86	OHX	4	228	7/7	0.95	0.23	122,122,122,122	0
85	MG	5	3452	1/1	0.95	0.35	40,40,40,40	0
86	OHX	4	230	7/7	0.95	0.08	156,156,156,156	0
86	OHX	5	4044	7/7	0.95	0.14	129,129,129,129	0
86	OHX	1	4091	7/7	0.95	0.23	128,128,128,128	0
85	MG	5	3815	1/1	0.95	0.07	72,72,72,72	0
85	MG	1	3832	1/1	0.95	0.28	29,29,29,29	0
85	MG	1	3673	1/1	0.95	0.17	49,49,49,49	0
86	OHX	5	4052	7/7	0.95	0.10	156,156,156,156	0
85	MG	5	3620	1/1	0.95	0.07	44,44,44,44	0
85	MG	5	3458	1/1	0.95	0.13	73,73,73,73	0
85	MG	1	3534	1/1	0.95	0.31	24,24,24,24	0
86	OHX	5	4058	7/7	0.95	0.07	170,170,170,170	0
86	OHX	5	4061	7/7	0.95	0.10	141,141,141,141	0
85	MG	5	3535	1/1	0.95	0.29	39,39,39,39	0
85	MG	1	3589	1/1	0.95	0.27	29,29,29,29	0
85	MG	17	302	1/1	0.95	0.10	41,41,41,41	0
85	MG	1	3430	1/1	0.95	0.30	54,54,54,54	0
86	OHX	5	4067	7/7	0.95	0.22	128,128,128,128	0
86	OHX	7	223	7/7	0.95	0.16	118,118,118,118	0
86	OHX	5	4068	7/7	0.95	0.12	133,133,133,133	0
85	MG	1	3788	1/1	0.95	0.19	46,46,46,46	0
85	MG	m5	301	1/1	0.95	0.15	36,36,36,36	0
86	OHX	5	4071	7/7	0.95	0.09	165,165,165,165	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3722	1/1	0.95	0.23	42,42,42,42	0
85	MG	5	3835	1/1	0.95	0.21	48,48,48,48	0
85	MG	m7	202	1/1	0.95	0.12	32,32,32,32	0
85	MG	1	3425	1/1	0.95	0.14	31,31,31,31	0
86	OHX	5	4078	7/7	0.95	0.09	145,145,145,145	0
86	OHX	6	2075	7/7	0.95	0.13	125,125,125,125	0
85	MG	1	3746	1/1	0.95	0.18	44,44,44,44	0
86	OHX	6	2088	7/7	0.95	0.18	127,127,127,127	0
86	OHX	6	2092	7/7	0.95	0.08	147,147,147,147	0
85	MG	s1	301	1/1	0.95	0.15	89,89,89,89	0
86	OHX	6	2096	7/7	0.95	0.10	142,142,142,142	0
86	OHX	6	2097	7/7	0.95	0.08	184,184,184,184	0
85	MG	5	3631	1/1	0.95	0.13	43,43,43,43	0
86	OHX	l5	304	7/7	0.95	0.09	145,145,145,145	0
85	MG	1	3573	1/1	0.95	0.30	25,25,25,25	0
85	MG	5	3846	1/1	0.95	0.16	51,51,51,51	0
85	MG	s9	201	1/1	0.95	0.40	71,71,71,71	0
85	MG	1	3681	1/1	0.95	0.14	48,48,48,48	0
86	OHX	6	2106	7/7	0.95	0.23	123,123,123,123	0
86	OHX	6	2108	7/7	0.95	0.24	124,124,124,124	0
85	MG	5	3545	1/1	0.95	0.40	45,45,45,45	0
85	MG	1	3750	1/1	0.95	0.10	56,56,56,56	0
85	MG	o3	201	1/1	0.95	0.31	48,48,48,48	0
85	MG	5	3639	1/1	0.95	0.19	45,45,45,45	0
86	OHX	5	4098	7/7	0.95	0.11	144,144,144,144	0
85	MG	O2	202	1/1	0.95	0.17	34,34,34,34	0
86	OHX	6	2119	7/7	0.95	0.09	158,158,158,158	0
85	MG	5	3641	1/1	0.95	0.29	55,55,55,55	0
87	ZN	Q2	501	1/1	0.95	0.17	90,90,90,90	0
85	MG	5	3474	1/1	0.95	0.33	44,44,44,44	0
85	MG	d3	202	1/1	0.95	0.18	58,58,58,58	0
85	MG	O3	201	1/1	0.95	0.07	44,44,44,44	0
88	3J6	1	4213	21/21	0.95	0.10	37,37,37,37	0
88	3J6	5	4246	21/21	0.95	0.09	35,35,35,35	0
86	OHX	1	3999	7/7	0.96	0.20	119,119,119,119	0
85	MG	3	205	1/1	0.96	0.27	41,41,41,41	0
85	MG	1	3688	1/1	0.96	0.27	45,45,45,45	0
85	MG	1	3837	1/1	0.96	0.33	34,34,34,34	0
86	OHX	1	4005	7/7	0.96	0.11	133,133,133,133	0
85	MG	1	3689	1/1	0.96	0.14	39,39,39,39	0
85	MG	s8	302	1/1	0.96	0.30	54,54,54,54	0
86	OHX	1	4008	7/7	0.96	0.21	121,121,121,121	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	5	4111	7/7	0.96	0.25	113,113,113,113	0
85	MG	5	3506	1/1	0.96	0.43	42,42,42,42	0
85	MG	7	208	1/1	0.96	0.07	57,57,57,57	0
85	MG	1	3612	1/1	0.96	0.06	42,42,42,42	0
85	MG	1	3773	1/1	0.96	0.17	71,71,71,71	0
86	OHX	1	4013	7/7	0.96	0.08	156,156,156,156	0
85	MG	5	3450	1/1	0.96	0.31	38,38,38,38	0
85	MG	7	212	1/1	0.96	0.13	42,42,42,42	0
86	OHX	2	2109	7/7	0.96	0.07	172,172,172,172	0
86	OHX	2	2111	7/7	0.96	0.12	133,133,133,133	0
85	MG	5	3724	1/1	0.96	0.10	40,40,40,40	0
85	MG	7	215	1/1	0.96	0.14	47,47,47,47	0
85	MG	5	3645	1/1	0.96	0.19	41,41,41,41	0
86	OHX	5	4124	7/7	0.96	0.08	151,151,151,151	0
86	OHX	1	4022	7/7	0.96	0.18	122,122,122,122	0
86	OHX	2	2115	7/7	0.96	0.12	137,137,137,137	0
85	MG	5	3510	1/1	0.96	0.32	28,28,28,28	0
85	MG	1	3640	1/1	0.96	0.17	51,51,51,51	0
85	MG	1	3692	1/1	0.96	0.17	43,43,43,43	0
86	OHX	1	4027	7/7	0.96	0.09	137,137,137,137	0
85	MG	5	3650	1/1	0.96	0.11	41,41,41,41	0
85	MG	1	3626	1/1	0.96	0.30	51,51,51,51	0
85	MG	5	3820	1/1	0.96	0.12	70,70,70,70	0
85	MG	5	3731	1/1	0.96	0.07	47,47,47,47	0
85	MG	1	3613	1/1	0.96	0.22	56,56,56,56	0
86	OHX	1	4034	7/7	0.96	0.08	165,165,165,165	0
86	OHX	5	4137	7/7	0.96	0.10	142,142,142,142	0
86	OHX	1	4035	7/7	0.96	0.21	114,114,114,114	0
85	MG	1	3696	1/1	0.96	0.30	49,49,49,49	0
85	MG	5	3828	1/1	0.96	0.13	52,52,52,52	0
85	MG	5	3654	1/1	0.96	0.14	32,32,32,32	0
85	MG	5	3580	1/1	0.96	0.34	34,34,34,34	0
85	MG	1	3533	1/1	0.96	0.15	37,37,37,37	0
85	MG	5	3832	1/1	0.96	0.17	42,42,42,42	0
85	MG	1	3466	1/1	0.96	0.13	48,48,48,48	0
86	OHX	1	4044	7/7	0.96	0.16	124,124,124,124	0
85	MG	5	3583	1/1	0.96	0.37	32,32,32,32	0
85	MG	5	3838	1/1	0.96	0.06	43,43,43,43	0
85	MG	5	3584	1/1	0.96	0.39	27,27,27,27	0
85	MG	5	3586	1/1	0.96	0.26	26,26,26,26	0
85	MG	1	3723	1/1	0.96	0.09	39,39,39,39	0
85	MG	1	3782	1/1	0.96	0.20	42,42,42,42	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	4051	7/7	0.96	0.24	123,123,123,123	0
85	MG	5	3844	1/1	0.96	0.19	41,41,41,41	0
85	MG	4	207	1/1	0.96	0.18	49,49,49,49	0
86	OHX	1	4054	7/7	0.96	0.09	144,144,144,144	0
85	MG	17	301	1/1	0.96	0.18	42,42,42,42	0
86	OHX	1	4192	7/7	0.96	0.08	178,178,178,178	0
86	OHX	1	4056	7/7	0.96	0.08	160,160,160,160	0
85	MG	5	3464	1/1	0.96	0.08	39,39,39,39	0
85	MG	5	3465	1/1	0.96	0.22	58,58,58,58	0
85	MG	1	3817	1/1	0.96	0.16	53,53,53,53	0
85	MG	1	3423	1/1	0.96	0.25	40,40,40,40	0
85	MG	m5	302	1/1	0.96	0.11	45,45,45,45	0
85	MG	5	3752	1/1	0.96	0.19	55,55,55,55	0
85	MG	1	3677	1/1	0.96	0.22	31,31,31,31	0
85	MG	5	3595	1/1	0.96	0.23	17,17,17,17	0
86	OHX	5	4168	7/7	0.96	0.27	102,102,102,102	0
86	OHX	5	4169	7/7	0.96	0.13	128,128,128,128	0
86	OHX	1	4065	7/7	0.96	0.23	124,124,124,124	0
85	MG	m7	203	1/1	0.96	0.14	49,49,49,49	0
85	MG	1	3441	1/1	0.96	0.13	43,43,43,43	0
85	MG	5	3531	1/1	0.96	0.19	44,44,44,44	0
85	MG	5	3409	1/1	0.96	0.34	49,49,49,49	0
85	MG	5	3677	1/1	0.96	0.18	42,42,42,42	0
85	MG	1	3756	1/1	0.96	0.09	46,46,46,46	0
85	MG	1	3433	1/1	0.96	0.15	37,37,37,37	0
85	MG	N8	201	1/1	0.96	0.15	32,32,32,32	0
85	MG	5	3765	1/1	0.96	0.43	31,31,31,31	0
85	MG	N8	202	1/1	0.96	0.10	35,35,35,35	0
85	MG	5	3603	1/1	0.96	0.08	38,38,38,38	0
86	OHX	3	220	7/7	0.96	0.09	142,142,142,142	0
85	MG	1	3858	1/1	0.96	0.15	60,60,60,60	0
85	MG	1	3476	1/1	0.96	0.14	53,53,53,53	0
86	OHX	5	3959	7/7	0.96	0.10	108,108,108,108	0
86	OHX	5	3960	7/7	0.96	0.17	121,121,121,121	0
85	MG	1	3730	1/1	0.96	0.18	43,43,43,43	0
86	OHX	5	3968	7/7	0.96	0.11	113,113,113,113	0
85	MG	1	3825	1/1	0.96	0.30	68,68,68,68	0
86	OHX	5	3973	7/7	0.96	0.10	128,128,128,128	0
86	OHX	5	3985	7/7	0.96	0.12	117,117,117,117	0
85	MG	5	3609	1/1	0.96	0.23	35,35,35,35	0
86	OHX	2	2037	7/7	0.96	0.11	140,140,140,140	0
86	OHX	5	3988	7/7	0.96	0.13	121,121,121,121	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	4	226	7/7	0.96	0.08	138,138,138,138	0
86	OHX	5	3992	7/7	0.96	0.10	122,122,122,122	0
86	OHX	4	227	7/7	0.96	0.10	141,141,141,141	0
85	MG	1	3663	1/1	0.96	0.09	36,36,36,36	0
86	OHX	5	3997	7/7	0.96	0.10	122,122,122,122	0
86	OHX	2	2049	7/7	0.96	0.09	136,136,136,136	0
86	OHX	5	4006	7/7	0.96	0.21	120,120,120,120	0
86	OHX	5	4009	7/7	0.96	0.20	122,122,122,122	0
86	OHX	5	4010	7/7	0.96	0.17	115,115,115,115	0
86	OHX	1	4085	7/7	0.96	0.07	202,202,202,202	0
86	OHX	5	4012	7/7	0.96	0.07	139,139,139,139	0
86	OHX	5	4013	7/7	0.96	0.21	116,116,116,116	0
86	OHX	4	231	7/7	0.96	0.10	145,145,145,145	0
86	OHX	2	2051	7/7	0.96	0.09	132,132,132,132	0
85	MG	6	2032	1/1	0.96	0.10	52,52,52,52	0
85	MG	5	3691	1/1	0.96	0.15	49,49,49,49	0
85	MG	1	3792	1/1	0.96	0.15	32,32,32,32	0
85	MG	1	3732	1/1	0.96	0.07	36,36,36,36	0
85	MG	2	1994	1/1	0.96	0.31	57,57,57,57	0
86	OHX	5	4025	7/7	0.96	0.13	126,126,126,126	0
86	OHX	5	4026	7/7	0.96	0.08	155,155,155,155	0
86	OHX	5	4027	7/7	0.96	0.21	122,122,122,122	0
85	MG	5	3426	1/1	0.96	0.45	50,50,50,50	0
85	MG	1	3567	1/1	0.96	0.32	30,30,30,30	0
86	OHX	2	2063	7/7	0.96	0.09	148,148,148,148	0
86	OHX	2	2064	7/7	0.96	0.11	131,131,131,131	0
86	OHX	5	4034	7/7	0.96	0.25	102,102,102,102	0
85	MG	5	3619	1/1	0.96	0.18	43,43,43,43	0
85	MG	1	3491	1/1	0.96	0.20	32,32,32,32	0
85	MG	6	1905	1/1	0.96	0.27	47,47,47,47	0
86	OHX	5	4039	7/7	0.96	0.21	115,115,115,115	0
85	MG	1	4218	1/1	0.96	0.20	40,40,40,40	0
86	OHX	5	4041	7/7	0.96	0.22	118,118,118,118	0
85	MG	5	3491	1/1	0.96	0.24	51,51,51,51	0
85	MG	1	3798	1/1	0.96	0.32	47,47,47,47	0
86	OHX	6	2066	7/7	0.96	0.21	118,118,118,118	0
86	OHX	6	2070	7/7	0.96	0.26	107,107,107,107	0
86	OHX	C8	201	7/7	0.96	0.08	133,133,133,133	0
85	MG	5	3493	1/1	0.96	0.09	46,46,46,46	0
86	OHX	6	2083	7/7	0.96	0.09	129,129,129,129	0
86	OHX	1	4105	7/7	0.96	0.08	148,148,148,148	0
86	OHX	5	4053	7/7	0.96	0.10	132,132,132,132	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	5	4054	7/7	0.96	0.08	162,162,162,162	0
86	OHX	6	2086	7/7	0.96	0.10	137,137,137,137	0
85	MG	5	3885	1/1	0.96	0.24	26,26,26,26	0
86	OHX	6	2089	7/7	0.96	0.13	132,132,132,132	0
86	OHX	SR	401	7/7	0.96	0.08	176,176,176,176	0
86	OHX	5	4059	7/7	0.96	0.18	127,127,127,127	0
86	OHX	1	3921	7/7	0.96	0.10	125,125,125,125	0
86	OHX	7	219	7/7	0.96	0.17	106,106,106,106	0
86	OHX	6	2094	7/7	0.96	0.08	142,142,142,142	0
86	OHX	6	2095	7/7	0.96	0.07	181,181,181,181	0
85	MG	1	3709	1/1	0.96	0.14	61,61,61,61	0
86	OHX	1	3929	7/7	0.96	0.12	113,113,113,113	0
86	OHX	1	3933	7/7	0.96	0.19	116,116,116,116	0
86	OHX	1	3936	7/7	0.96	0.14	108,108,108,108	0
85	MG	5	3707	1/1	0.96	0.35	49,49,49,49	0
86	OHX	8	221	7/7	0.96	0.10	136,136,136,136	0
85	MG	5	3888	1/1	0.96	0.12	119,119,119,119	0
85	MG	3	202	1/1	0.96	0.21	51,51,51,51	0
86	OHX	5	4072	7/7	0.96	0.23	113,113,113,113	0
86	OHX	8	226	7/7	0.96	0.10	139,139,139,139	0
86	OHX	1	3953	7/7	0.96	0.09	122,122,122,122	0
85	MG	5	3795	1/1	0.96	0.09	36,36,36,36	0
86	OHX	5	4075	7/7	0.96	0.22	119,119,119,119	0
86	OHX	6	2109	7/7	0.96	0.09	142,142,142,142	0
86	OHX	6	2111	7/7	0.96	0.21	121,121,121,121	0
86	OHX	1	3956	7/7	0.96	0.18	118,118,118,118	0
85	MG	1	3599	1/1	0.96	0.35	23,23,23,23	0
86	OHX	1	3963	7/7	0.96	0.07	136,136,136,136	0
86	OHX	1	3964	7/7	0.96	0.15	108,108,108,108	0
86	OHX	5	4082	7/7	0.96	0.22	128,128,128,128	0
86	OHX	6	2117	7/7	0.96	0.10	139,139,139,139	0
86	OHX	2	2087	7/7	0.96	0.13	139,139,139,139	0
86	OHX	1	3972	7/7	0.96	0.24	114,114,114,114	0
86	OHX	1	3974	7/7	0.96	0.08	137,137,137,137	0
85	MG	5	4247	1/1	0.96	0.15	43,43,43,43	0
86	OHX	1	3979	7/7	0.96	0.17	120,120,120,120	0
86	OHX	2	2089	7/7	0.96	0.13	129,129,129,129	0
86	OHX	1	3984	7/7	0.96	0.20	109,109,109,109	0
86	OHX	2	2090	7/7	0.96	0.11	140,140,140,140	0
86	OHX	1	3988	7/7	0.96	0.11	132,132,132,132	0
86	OHX	1	3989	7/7	0.96	0.18	113,113,113,113	0
86	OHX	6	2128	7/7	0.96	0.11	133,133,133,133	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	3	204	1/1	0.96	0.32	52,52,52,52	0
85	MG	5	3438	1/1	0.96	0.28	34,34,34,34	0
85	MG	6	1912	1/1	0.96	0.29	53,53,53,53	0
86	OHX	1	3994	7/7	0.96	0.10	142,142,142,142	0
86	OHX	1	3995	7/7	0.96	0.09	143,143,143,143	0
86	OHX	5	4100	7/7	0.96	0.20	123,123,123,123	0
85	MG	5	3441	1/1	0.96	0.09	42,42,42,42	0
86	OHX	1	3922	7/7	0.97	0.13	113,113,113,113	0
86	OHX	5	3994	7/7	0.97	0.08	120,120,120,120	0
85	MG	5	3658	1/1	0.97	0.19	37,37,37,37	0
86	OHX	6	2107	7/7	0.97	0.08	137,137,137,137	0
85	MG	n0	202	1/1	0.97	0.27	45,45,45,45	0
86	OHX	5	3999	7/7	0.97	0.20	116,116,116,116	0
85	MG	5	3764	1/1	0.97	0.23	62,62,62,62	0
86	OHX	5	4005	7/7	0.97	0.21	121,121,121,121	0
86	OHX	6	2110	7/7	0.97	0.09	134,134,134,134	0
86	OHX	5	4007	7/7	0.97	0.07	147,147,147,147	0
86	OHX	5	4008	7/7	0.97	0.20	101,101,101,101	0
85	MG	5	3827	1/1	0.97	0.08	84,84,84,84	0
86	OHX	6	2112	7/7	0.97	0.08	143,143,143,143	0
85	MG	1	3713	1/1	0.97	0.34	37,37,37,37	0
86	OHX	1	3940	7/7	0.97	0.09	109,109,109,109	0
86	OHX	1	3942	7/7	0.97	0.17	114,114,114,114	0
85	MG	5	3710	1/1	0.97	0.11	70,70,70,70	0
86	OHX	5	4015	7/7	0.97	0.21	111,111,111,111	0
86	OHX	5	4016	7/7	0.97	0.08	133,133,133,133	0
85	MG	5	3768	1/1	0.97	0.07	59,59,59,59	0
86	OHX	1	3951	7/7	0.97	0.09	130,130,130,130	0
85	MG	5	3454	1/1	0.97	0.16	42,42,42,42	0
86	OHX	1	4172	7/7	0.97	0.23	111,111,111,111	0
85	MG	1	3412	1/1	0.97	0.20	31,31,31,31	0
85	MG	5	3617	1/1	0.97	0.12	48,48,48,48	0
85	MG	5	3457	1/1	0.97	0.24	32,32,32,32	0
85	MG	5	3836	1/1	0.97	0.17	55,55,55,55	0
85	MG	5	3773	1/1	0.97	0.21	32,32,32,32	0
86	OHX	1	3966	7/7	0.97	0.18	114,114,114,114	0
85	MG	q0	202	1/1	0.97	0.18	45,45,45,45	0
86	OHX	1	3968	7/7	0.97	0.21	114,114,114,114	0
86	OHX	1	3969	7/7	0.97	0.07	140,140,140,140	0
86	OHX	1	3971	7/7	0.97	0.18	127,127,127,127	0
85	MG	5	3839	1/1	0.97	0.11	58,58,58,58	0
86	OHX	5	4036	7/7	0.97	0.07	164,164,164,164	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	3973	7/7	0.97	0.16	121,121,121,121	0
85	MG	1	3666	1/1	0.97	0.05	54,54,54,54	0
86	OHX	1	3977	7/7	0.97	0.17	101,101,101,101	0
85	MG	1	3506	1/1	0.97	0.35	36,36,36,36	0
86	OHX	2	2038	7/7	0.97	0.08	114,114,114,114	0
86	OHX	1	3980	7/7	0.97	0.11	118,118,118,118	0
85	MG	5	3667	1/1	0.97	0.15	49,49,49,49	0
86	OHX	1	4088	7/7	0.97	0.21	97,97,97,97	0
86	OHX	2	2043	7/7	0.97	0.10	123,123,123,123	0
86	OHX	2	2130	7/7	0.97	0.17	127,127,127,127	0
86	OHX	5	4048	7/7	0.97	0.16	114,114,114,114	0
86	OHX	1	3986	7/7	0.97	0.10	134,134,134,134	0
86	OHX	1	3987	7/7	0.97	0.14	127,127,127,127	0
86	OHX	2	2046	7/7	0.97	0.09	138,138,138,138	0
85	MG	2	1997	1/1	0.97	0.11	109,109,109,109	0
86	OHX	2	2050	7/7	0.97	0.09	131,131,131,131	0
85	MG	1	3843	1/1	0.97	0.15	57,57,57,57	0
85	MG	M0	303	1/1	0.97	0.09	55,55,55,55	0
86	OHX	1	3993	7/7	0.97	0.07	144,144,144,144	0
85	MG	1	4216	1/1	0.97	0.13	32,32,32,32	0
85	MG	1	3796	1/1	0.97	0.20	31,31,31,31	0
85	MG	7	213	1/1	0.97	0.15	70,70,70,70	0
86	OHX	1	3998	7/7	0.97	0.07	164,164,164,164	0
86	OHX	5	4063	7/7	0.97	0.07	155,155,155,155	0
85	MG	5	3673	1/1	0.97	0.27	31,31,31,31	0
85	MG	1	3537	1/1	0.97	0.47	35,35,35,35	0
86	OHX	2	2058	7/7	0.97	0.16	123,123,123,123	0
86	OHX	6	2157	7/7	0.97	0.15	119,119,119,119	0
86	OHX	2	2061	7/7	0.97	0.08	141,141,141,141	0
85	MG	c1	201	1/1	0.97	0.18	51,51,51,51	0
85	MG	5	3428	1/1	0.97	0.07	34,34,34,34	0
85	MG	1	3757	1/1	0.97	0.09	29,29,29,29	0
86	OHX	2	2065	7/7	0.97	0.19	124,124,124,124	0
86	OHX	3	217	7/7	0.97	0.10	121,121,121,121	0
86	OHX	3	219	7/7	0.97	0.09	129,129,129,129	0
86	OHX	2	2066	7/7	0.97	0.08	147,147,147,147	0
85	MG	5	3630	1/1	0.97	0.08	42,42,42,42	0
85	MG	5	3679	1/1	0.97	0.16	38,38,38,38	0
85	MG	M5	301	1/1	0.97	0.08	49,49,49,49	0
86	OHX	2	2071	7/7	0.97	0.09	136,136,136,136	0
85	MG	1	3799	1/1	0.97	0.13	30,30,30,30	0
86	OHX	2	2073	7/7	0.97	0.06	164,164,164,164	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	4	223	7/7	0.97	0.20	119,119,119,119	0
86	OHX	4	224	7/7	0.97	0.15	122,122,122,122	0
86	OHX	4	225	7/7	0.97	0.18	118,118,118,118	0
85	MG	d3	201	1/1	0.97	0.24	49,49,49,49	0
85	MG	5	3733	1/1	0.97	0.15	40,40,40,40	0
85	MG	5	3634	1/1	0.97	0.04	36,36,36,36	0
85	MG	6	2025	1/1	0.97	0.07	87,87,87,87	0
86	OHX	1	4020	7/7	0.97	0.15	123,123,123,123	0
86	OHX	2	2078	7/7	0.97	0.07	140,140,140,140	0
85	MG	5	3636	1/1	0.97	0.07	60,60,60,60	0
85	MG	1	3538	1/1	0.97	0.13	42,42,42,42	0
85	MG	5	3738	1/1	0.97	0.07	42,42,42,42	0
85	MG	1	3588	1/1	0.97	0.28	25,25,25,25	0
86	OHX	2	2083	7/7	0.97	0.08	144,144,144,144	0
86	OHX	L3	404	7/7	0.97	0.16	123,123,123,123	0
85	MG	1	3529	1/1	0.97	0.35	33,33,33,33	0
86	OHX	2	2085	7/7	0.97	0.07	156,156,156,156	0
85	MG	1	3761	1/1	0.97	0.24	39,39,39,39	0
85	MG	l2	301	1/1	0.97	0.32	44,44,44,44	0
85	MG	1	3603	1/1	0.97	0.11	41,41,41,41	0
85	MG	5	3803	1/1	0.97	0.10	51,51,51,51	0
85	MG	1	3426	1/1	0.97	0.10	66,66,66,66	0
86	OHX	7	221	7/7	0.97	0.18	109,109,109,109	0
85	MG	1	3742	1/1	0.97	0.15	65,65,65,65	0
85	MG	1	3785	1/1	0.97	0.36	37,37,37,37	0
85	MG	6	1915	1/1	0.97	0.34	47,47,47,47	0
86	OHX	2	2094	7/7	0.97	0.07	161,161,161,161	0
86	OHX	6	2062	7/7	0.97	0.09	105,105,105,105	0
86	OHX	2	2095	7/7	0.97	0.07	167,167,167,167	0
85	MG	5	3445	1/1	0.97	0.16	32,32,32,32	0
86	OHX	1	4041	7/7	0.97	0.08	144,144,144,144	0
85	MG	5	3522	1/1	0.97	0.32	38,38,38,38	0
86	OHX	6	2077	7/7	0.97	0.12	117,117,117,117	0
86	OHX	6	2079	7/7	0.97	0.15	117,117,117,117	0
86	OHX	8	225	7/7	0.97	0.06	157,157,157,157	0
86	OHX	6	2082	7/7	0.97	0.09	126,126,126,126	0
85	MG	5	3565	1/1	0.97	0.32	43,43,43,43	0
85	MG	2	1918	1/1	0.97	0.44	51,51,51,51	0
85	MG	5	3700	1/1	0.97	0.10	43,43,43,43	0
85	MG	6	1945	1/1	0.97	0.23	38,38,38,38	0
85	MG	2	1996	1/1	0.97	0.05	89,89,89,89	0
86	OHX	l3	404	7/7	0.97	0.16	111,111,111,111	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	6	2091	7/7	0.97	0.15	118,118,118,118	0
85	MG	5	3608	1/1	0.97	0.28	34,34,34,34	0
86	OHX	5	3923	7/7	0.97	0.17	105,105,105,105	0
86	OHX	5	3934	7/7	0.97	0.09	90,90,90,90	0
86	OHX	5	3943	7/7	0.97	0.10	106,106,106,106	0
86	OHX	5	3953	7/7	0.97	0.12	86,86,86,86	0
86	OHX	5	3956	7/7	0.97	0.10	113,113,113,113	0
85	MG	1	3561	1/1	0.97	0.33	37,37,37,37	0
86	OHX	m0	302	7/7	0.97	0.09	133,133,133,133	0
85	MG	1	3678	1/1	0.97	0.08	76,76,76,76	0
86	OHX	5	3965	7/7	0.97	0.14	98,98,98,98	0
85	MG	1	3582	1/1	0.97	0.27	36,36,36,36	0
86	OHX	5	3967	7/7	0.97	0.08	115,115,115,115	0
86	OHX	2	2107	7/7	0.97	0.12	127,127,127,127	0
86	OHX	1	3897	7/7	0.97	0.14	102,102,102,102	0
86	OHX	5	3972	7/7	0.97	0.09	103,103,103,103	0
86	OHX	1	3898	7/7	0.97	0.12	82,82,82,82	0
86	OHX	o2	201	7/7	0.97	0.19	112,112,112,112	0
86	OHX	o3	203	7/7	0.97	0.21	120,120,120,120	0
86	OHX	o7	502	7/7	0.97	0.15	120,120,120,120	0
86	OHX	5	3976	7/7	0.97	0.16	112,112,112,112	0
86	OHX	5	3977	7/7	0.97	0.23	103,103,103,103	0
86	OHX	5	3980	7/7	0.97	0.11	111,111,111,111	0
86	OHX	6	2100	7/7	0.97	0.08	133,133,133,133	0
86	OHX	1	3911	7/7	0.97	0.14	100,100,100,100	0
86	OHX	6	2102	7/7	0.97	0.09	133,133,133,133	0
86	OHX	1	3912	7/7	0.97	0.10	112,112,112,112	0
85	MG	4	202	1/1	0.97	0.34	51,51,51,51	0
86	OHX	5	3957	7/7	0.98	0.12	95,95,95,95	0
86	OHX	1	3961	7/7	0.98	0.10	123,123,123,123	0
86	OHX	1	3962	7/7	0.98	0.14	103,103,103,103	0
86	OHX	5	3962	7/7	0.98	0.08	116,116,116,116	0
86	OHX	5	3963	7/7	0.98	0.06	117,117,117,117	0
86	OHX	5	3964	7/7	0.98	0.15	113,113,113,113	0
85	MG	1	3511	1/1	0.98	0.30	41,41,41,41	0
85	MG	1	3527	1/1	0.98	0.44	31,31,31,31	0
85	MG	1	3434	1/1	0.98	0.11	50,50,50,50	0
86	OHX	6	2099	7/7	0.98	0.06	175,175,175,175	0
85	MG	5	3585	1/1	0.98	0.34	25,25,25,25	0
85	MG	5	3421	1/1	0.98	0.07	43,43,43,43	0
85	MG	5	3747	1/1	0.98	0.28	51,51,51,51	0
86	OHX	5	3974	7/7	0.98	0.10	96,96,96,96	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	3970	7/7	0.98	0.10	126,126,126,126	0
85	MG	m7	205	1/1	0.98	0.14	43,43,43,43	0
86	OHX	5	3979	7/7	0.98	0.14	99,99,99,99	0
85	MG	1	3722	1/1	0.98	0.19	46,46,46,46	0
86	OHX	5	3981	7/7	0.98	0.07	132,132,132,132	0
86	OHX	5	3983	7/7	0.98	0.10	115,115,115,115	0
86	OHX	5	3984	7/7	0.98	0.17	103,103,103,103	0
85	MG	5	3483	1/1	0.98	0.23	19,19,19,19	0
85	MG	5	3423	1/1	0.98	0.20	37,37,37,37	0
86	OHX	1	3976	7/7	0.98	0.11	113,113,113,113	0
85	MG	1	3439	1/1	0.98	0.26	26,26,26,26	0
85	MG	1	3447	1/1	0.98	0.21	31,31,31,31	0
86	OHX	5	3990	7/7	0.98	0.07	122,122,122,122	0
86	OHX	5	3991	7/7	0.98	0.10	119,119,119,119	0
85	MG	5	3519	1/1	0.98	0.31	33,33,33,33	0
86	OHX	5	3993	7/7	0.98	0.14	99,99,99,99	0
85	MG	1	3468	1/1	0.98	0.31	47,47,47,47	0
86	OHX	1	3981	7/7	0.98	0.13	87,87,87,87	0
86	OHX	1	3982	7/7	0.98	0.07	128,128,128,128	0
85	MG	n8	202	1/1	0.98	0.07	39,39,39,39	0
86	OHX	5	3998	7/7	0.98	0.15	117,117,117,117	0
85	MG	5	3456	1/1	0.98	0.22	31,31,31,31	0
85	MG	1	3683	1/1	0.98	0.07	69,69,69,69	0
86	OHX	5	4001	7/7	0.98	0.12	128,128,128,128	0
86	OHX	5	4003	7/7	0.98	0.15	104,104,104,104	0
85	MG	5	3758	1/1	0.98	0.09	47,47,47,47	0
85	MG	1	3698	1/1	0.98	0.10	45,45,45,45	0
85	MG	5	3402	1/1	0.98	0.18	29,29,29,29	0
85	MG	5	3430	1/1	0.98	0.06	38,38,38,38	0
85	MG	5	3762	1/1	0.98	0.10	41,41,41,41	0
85	MG	5	3562	1/1	0.98	0.38	36,36,36,36	0
85	MG	7	228	1/1	0.98	0.05	35,35,35,35	0
86	OHX	2	2025	7/7	0.98	0.11	96,96,96,96	0
86	OHX	2	2028	7/7	0.98	0.09	101,101,101,101	0
86	OHX	2	2029	7/7	0.98	0.09	117,117,117,117	0
86	OHX	1	3996	7/7	0.98	0.14	109,109,109,109	0
86	OHX	2	2031	7/7	0.98	0.10	125,125,125,125	0
86	OHX	2	2033	7/7	0.98	0.09	120,120,120,120	0
86	OHX	2	2035	7/7	0.98	0.10	108,108,108,108	0
86	OHX	5	4019	7/7	0.98	0.07	128,128,128,128	0
86	OHX	1	4000	7/7	0.98	0.18	105,105,105,105	0
85	MG	1	3855	1/1	0.98	0.10	27,27,27,27	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3564	1/1	0.98	0.14	28,28,28,28	0
86	OHX	5	4023	7/7	0.98	0.11	95,95,95,95	0
86	OHX	1	4003	7/7	0.98	0.07	130,130,130,130	0
85	MG	5	3766	1/1	0.98	0.14	37,37,37,37	0
85	MG	1	3532	1/1	0.98	0.23	25,25,25,25	0
86	OHX	2	2045	7/7	0.98	0.10	116,116,116,116	0
86	OHX	5	4193	7/7	0.98	0.17	97,97,97,97	0
86	OHX	5	4028	7/7	0.98	0.16	112,112,112,112	0
85	MG	L7	301	1/1	0.98	0.11	38,38,38,38	0
86	OHX	2	2047	7/7	0.98	0.05	140,140,140,140	0
86	OHX	2	2048	7/7	0.98	0.07	129,129,129,129	0
85	MG	5	3530	1/1	0.98	0.28	20,20,20,20	0
85	MG	1	3763	1/1	0.98	0.16	34,34,34,34	0
86	OHX	3	215	7/7	0.98	0.07	107,107,107,107	0
85	MG	1	3745	1/1	0.98	0.06	42,42,42,42	0
85	MG	1	3479	1/1	0.98	0.06	44,44,44,44	0
86	OHX	3	218	7/7	0.98	0.15	109,109,109,109	0
85	MG	1	3607	1/1	0.98	0.42	50,50,50,50	0
85	MG	5	3823	1/1	0.98	0.12	40,40,40,40	0
85	MG	5	3468	1/1	0.98	0.10	32,32,32,32	0
85	MG	6	1956	1/1	0.98	0.47	44,44,44,44	0
85	MG	5	3826	1/1	0.98	0.23	51,51,51,51	0
86	OHX	1	3899	7/7	0.98	0.09	88,88,88,88	0
86	OHX	5	4045	7/7	0.98	0.07	143,143,143,143	0
86	OHX	1	3901	7/7	0.98	0.09	97,97,97,97	0
86	OHX	1	3902	7/7	0.98	0.07	95,95,95,95	0
86	OHX	4	222	7/7	0.98	0.11	90,90,90,90	0
86	OHX	1	3906	7/7	0.98	0.08	96,96,96,96	0
86	OHX	1	3909	7/7	0.98	0.09	100,100,100,100	0
85	MG	5	3649	1/1	0.98	0.10	52,52,52,52	0
86	OHX	2	2059	7/7	0.98	0.07	138,138,138,138	0
86	OHX	1	3916	7/7	0.98	0.08	116,116,116,116	0
86	OHX	1	3917	7/7	0.98	0.10	102,102,102,102	0
86	OHX	1	3918	7/7	0.98	0.08	109,109,109,109	0
86	OHX	2	2060	7/7	0.98	0.17	117,117,117,117	0
85	MG	5	3439	1/1	0.98	0.21	42,42,42,42	0
86	OHX	1	3923	7/7	0.98	0.07	113,113,113,113	0
86	OHX	5	4060	7/7	0.98	0.07	129,129,129,129	0
86	OHX	1	4032	7/7	0.98	0.17	108,108,108,108	0
85	MG	12	302	1/1	0.98	0.34	28,28,28,28	0
86	OHX	1	3925	7/7	0.98	0.09	102,102,102,102	0
86	OHX	1	3927	7/7	0.98	0.08	122,122,122,122	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3612	1/1	0.98	0.08	37,37,37,37	0
86	OHX	1	3930	7/7	0.98	0.08	115,115,115,115	0
85	MG	1	3629	1/1	0.98	0.18	33,33,33,33	0
86	OHX	1	3934	7/7	0.98	0.09	109,109,109,109	0
85	MG	1	3749	1/1	0.98	0.07	42,42,42,42	0
86	OHX	1	3937	7/7	0.98	0.09	107,107,107,107	0
85	MG	5	3694	1/1	0.98	0.05	43,43,43,43	0
86	OHX	5	4236	7/7	0.98	0.15	101,101,101,101	0
86	OHX	1	3939	7/7	0.98	0.11	105,105,105,105	0
86	OHX	O1	201	7/7	0.98	0.08	122,122,122,122	0
85	MG	5	3413	1/1	0.98	0.33	35,35,35,35	0
86	OHX	1	3941	7/7	0.98	0.09	110,110,110,110	0
85	MG	2	1903	1/1	0.98	0.33	45,45,45,45	0
86	OHX	O7	103	7/7	0.98	0.10	106,106,106,106	0
86	OHX	1	3943	7/7	0.98	0.17	106,106,106,106	0
86	OHX	Q2	502	7/7	0.98	0.15	92,92,92,92	0
86	OHX	6	2053	7/7	0.98	0.10	94,94,94,94	0
86	OHX	1	3944	7/7	0.98	0.06	115,115,115,115	0
86	OHX	7	220	7/7	0.98	0.08	111,111,111,111	0
86	OHX	6	2063	7/7	0.98	0.08	118,118,118,118	0
86	OHX	7	222	7/7	0.98	0.10	116,116,116,116	0
86	OHX	6	2064	7/7	0.98	0.11	125,125,125,125	0
86	OHX	6	2065	7/7	0.98	0.12	104,104,104,104	0
86	OHX	1	3945	7/7	0.98	0.12	106,106,106,106	0
86	OHX	6	2067	7/7	0.98	0.08	111,111,111,111	0
86	OHX	6	2068	7/7	0.98	0.16	101,101,101,101	0
86	OHX	8	218	7/7	0.98	0.09	128,128,128,128	0
86	OHX	6	2069	7/7	0.98	0.06	121,121,121,121	0
86	OHX	1	3946	7/7	0.98	0.08	110,110,110,110	0
85	MG	5	3784	1/1	0.98	0.06	45,45,45,45	0
86	OHX	6	2072	7/7	0.98	0.06	154,154,154,154	0
86	OHX	6	2074	7/7	0.98	0.11	122,122,122,122	0
85	MG	1	3664	1/1	0.98	0.24	44,44,44,44	0
86	OHX	6	2076	7/7	0.98	0.12	106,106,106,106	0
86	OHX	1	3949	7/7	0.98	0.13	123,123,123,123	0
86	OHX	6	2078	7/7	0.98	0.11	117,117,117,117	0
86	OHX	1	3950	7/7	0.98	0.07	134,134,134,134	0
86	OHX	6	2080	7/7	0.98	0.10	125,125,125,125	0
86	OHX	6	2081	7/7	0.98	0.06	133,133,133,133	0
86	OHX	1	4155	7/7	0.98	0.14	112,112,112,112	0
85	MG	6	1983	1/1	0.98	0.07	56,56,56,56	0
85	MG	N8	205	1/1	0.98	0.06	40,40,40,40	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	6	2085	7/7	0.98	0.14	119,119,119,119	0
85	MG	m0	301	1/1	0.98	0.15	36,36,36,36	0
86	OHX	6	2087	7/7	0.98	0.07	139,139,139,139	0
86	OHX	1	3955	7/7	0.98	0.14	101,101,101,101	0
86	OHX	5	3895	7/7	0.98	0.10	70,70,70,70	0
86	OHX	5	3903	7/7	0.98	0.14	75,75,75,75	0
86	OHX	5	3920	7/7	0.98	0.12	79,79,79,79	0
85	MG	5	3659	1/1	0.98	0.21	50,50,50,50	0
86	OHX	5	3926	7/7	0.98	0.12	101,101,101,101	0
86	OHX	5	3928	7/7	0.98	0.09	96,96,96,96	0
86	OHX	5	3932	7/7	0.98	0.10	88,88,88,88	0
86	OHX	6	2090	7/7	0.98	0.07	129,129,129,129	0
86	OHX	m6	203	7/7	0.98	0.13	109,109,109,109	0
86	OHX	5	3936	7/7	0.98	0.13	103,103,103,103	0
86	OHX	5	3937	7/7	0.98	0.08	99,99,99,99	0
86	OHX	n3	203	7/7	0.98	0.14	117,117,117,117	0
86	OHX	5	3938	7/7	0.98	0.09	95,95,95,95	0
86	OHX	5	3941	7/7	0.98	0.08	98,98,98,98	0
86	OHX	1	3957	7/7	0.98	0.12	117,117,117,117	0
86	OHX	5	3944	7/7	0.98	0.08	93,93,93,93	0
86	OHX	5	3945	7/7	0.98	0.10	109,109,109,109	0
86	OHX	5	3946	7/7	0.98	0.07	114,114,114,114	0
86	OHX	q2	502	7/7	0.98	0.16	94,94,94,94	0
86	OHX	5	3948	7/7	0.98	0.08	104,104,104,104	0
86	OHX	5	3949	7/7	0.98	0.09	103,103,103,103	0
86	OHX	5	3950	7/7	0.98	0.09	96,96,96,96	0
86	OHX	5	3951	7/7	0.98	0.09	97,97,97,97	0
85	MG	5	3892	1/1	0.98	0.15	49,49,49,49	0
86	OHX	5	3954	7/7	0.98	0.11	102,102,102,102	0
86	OHX	1	3959	7/7	0.98	0.18	88,88,88,88	0
86	OHX	1	3883	7/7	0.99	0.09	70,70,70,70	0
86	OHX	1	3884	7/7	0.99	0.14	80,80,80,80	0
86	OHX	1	3886	7/7	0.99	0.08	80,80,80,80	0
86	OHX	1	3888	7/7	0.99	0.10	73,73,73,73	0
86	OHX	1	3889	7/7	0.99	0.07	83,83,83,83	0
86	OHX	1	3890	7/7	0.99	0.08	84,84,84,84	0
86	OHX	1	3891	7/7	0.99	0.08	73,73,73,73	0
86	OHX	1	3892	7/7	0.99	0.10	86,86,86,86	0
86	OHX	1	3893	7/7	0.99	0.06	77,77,77,77	0
86	OHX	1	3975	7/7	0.99	0.10	116,116,116,116	0
86	OHX	1	3896	7/7	0.99	0.09	79,79,79,79	0
85	MG	1	3806	1/1	0.99	0.07	69,69,69,69	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	5	4029	7/7	0.99	0.07	116,116,116,116	0
85	MG	1	3596	1/1	0.99	0.42	26,26,26,26	0
85	MG	5	3814	1/1	0.99	0.08	32,32,32,32	0
86	OHX	1	3900	7/7	0.99	0.07	92,92,92,92	0
85	MG	5	3833	1/1	0.99	0.09	73,73,73,73	0
85	MG	1	3727	1/1	0.99	0.10	74,74,74,74	0
86	OHX	1	3903	7/7	0.99	0.06	80,80,80,80	0
86	OHX	1	3904	7/7	0.99	0.05	87,87,87,87	0
86	OHX	1	3905	7/7	0.99	0.07	98,98,98,98	0
85	MG	1	3445	1/1	0.99	0.07	52,52,52,52	0
86	OHX	1	3907	7/7	0.99	0.06	103,103,103,103	0
86	OHX	1	3908	7/7	0.99	0.07	90,90,90,90	0
86	OHX	5	3893	7/7	0.99	0.12	51,51,51,51	0
85	MG	5	3817	1/1	0.99	0.07	60,60,60,60	0
86	OHX	5	3897	7/7	0.99	0.10	59,59,59,59	0
86	OHX	5	3899	7/7	0.99	0.09	63,63,63,63	0
86	OHX	5	3900	7/7	0.99	0.10	71,71,71,71	0
86	OHX	5	3901	7/7	0.99	0.09	64,64,64,64	0
86	OHX	1	3910	7/7	0.99	0.07	83,83,83,83	0
86	OHX	5	3904	7/7	0.99	0.07	62,62,62,62	0
86	OHX	5	4049	7/7	0.99	0.09	112,112,112,112	0
86	OHX	5	3906	7/7	0.99	0.07	72,72,72,72	0
86	OHX	5	3907	7/7	0.99	0.07	70,70,70,70	0
86	OHX	5	3908	7/7	0.99	0.09	67,67,67,67	0
86	OHX	5	3909	7/7	0.99	0.09	80,80,80,80	0
86	OHX	5	3911	7/7	0.99	0.06	68,68,68,68	0
86	OHX	5	3912	7/7	0.99	0.05	79,79,79,79	0
86	OHX	5	3913	7/7	0.99	0.06	77,77,77,77	0
86	OHX	5	3914	7/7	0.99	0.07	78,78,78,78	0
86	OHX	5	3915	7/7	0.99	0.06	71,71,71,71	0
86	OHX	5	3916	7/7	0.99	0.06	78,78,78,78	0
86	OHX	5	3917	7/7	0.99	0.09	79,79,79,79	0
86	OHX	5	3918	7/7	0.99	0.04	82,82,82,82	0
86	OHX	5	3919	7/7	0.99	0.06	69,69,69,69	0
85	MG	5	3837	1/1	0.99	0.05	69,69,69,69	0
86	OHX	5	3921	7/7	0.99	0.05	92,92,92,92	0
86	OHX	5	3922	7/7	0.99	0.08	87,87,87,87	0
85	MG	1	3828	1/1	0.99	0.07	65,65,65,65	0
86	OHX	5	3924	7/7	0.99	0.06	73,73,73,73	0
86	OHX	5	3925	7/7	0.99	0.08	81,81,81,81	0
86	OHX	1	3913	7/7	0.99	0.05	95,95,95,95	0
86	OHX	1	3914	7/7	0.99	0.07	89,89,89,89	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	5	3929	7/7	0.99	0.06	85,85,85,85	0
86	OHX	5	3930	7/7	0.99	0.04	84,84,84,84	0
86	OHX	5	3931	7/7	0.99	0.10	86,86,86,86	0
86	OHX	1	3915	7/7	0.99	0.07	98,98,98,98	0
86	OHX	5	3933	7/7	0.99	0.07	92,92,92,92	0
85	MG	1	4217	1/1	0.99	0.05	76,76,76,76	0
86	OHX	5	3935	7/7	0.99	0.07	93,93,93,93	0
85	MG	5	3561	1/1	0.99	0.32	22,22,22,22	0
85	MG	m6	202	1/1	0.99	0.06	35,35,35,35	0
86	OHX	1	3919	7/7	0.99	0.07	109,109,109,109	0
86	OHX	5	3939	7/7	0.99	0.06	87,87,87,87	0
86	OHX	5	3940	7/7	0.99	0.06	80,80,80,80	0
86	OHX	1	3920	7/7	0.99	0.07	100,100,100,100	0
86	OHX	5	3942	7/7	0.99	0.08	95,95,95,95	0
86	OHX	2	2023	7/7	0.99	0.10	77,77,77,77	0
86	OHX	2	2024	7/7	0.99	0.10	90,90,90,90	0
85	MG	1	3625	1/1	0.99	0.15	45,45,45,45	0
86	OHX	2	2026	7/7	0.99	0.06	96,96,96,96	0
86	OHX	5	3947	7/7	0.99	0.05	103,103,103,103	0
86	OHX	2	2027	7/7	0.99	0.06	82,82,82,82	0
86	OHX	1	3926	7/7	0.99	0.09	89,89,89,89	0
85	MG	5	3822	1/1	0.99	0.20	33,33,33,33	0
86	OHX	N9	101	7/7	0.99	0.08	74,74,74,74	0
86	OHX	5	3952	7/7	0.99	0.06	80,80,80,80	0
86	OHX	1	3928	7/7	0.99	0.10	98,98,98,98	0
85	MG	1	3410	1/1	0.99	0.15	20,20,20,20	0
86	OHX	2	2030	7/7	0.99	0.09	103,103,103,103	0
86	OHX	1	3931	7/7	0.99	0.06	92,92,92,92	0
86	OHX	5	3958	7/7	0.99	0.10	104,104,104,104	0
86	OHX	1	3932	7/7	0.99	0.08	99,99,99,99	0
85	MG	1	3812	1/1	0.99	0.06	40,40,40,40	0
86	OHX	5	3961	7/7	0.99	0.06	102,102,102,102	0
86	OHX	2	2032	7/7	0.99	0.06	115,115,115,115	0
86	OHX	7	218	7/7	0.99	0.07	97,97,97,97	0
86	OHX	5	4104	7/7	0.99	0.14	98,98,98,98	0
86	OHX	6	2045	7/7	0.99	0.11	61,61,61,61	0
86	OHX	6	2046	7/7	0.99	0.14	81,81,81,81	0
86	OHX	6	2048	7/7	0.99	0.07	81,81,81,81	0
86	OHX	6	2049	7/7	0.99	0.08	80,80,80,80	0
86	OHX	6	2050	7/7	0.99	0.08	79,79,79,79	0
86	OHX	6	2051	7/7	0.99	0.09	90,90,90,90	0
86	OHX	5	3969	7/7	0.99	0.08	113,113,113,113	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	6	2052	7/7	0.99	0.12	86,86,86,86	0
86	OHX	8	217	7/7	0.99	0.09	64,64,64,64	0
86	OHX	5	3971	7/7	0.99	0.10	88,88,88,88	0
86	OHX	1	3935	7/7	0.99	0.08	91,91,91,91	0
86	OHX	6	2054	7/7	0.99	0.07	83,83,83,83	0
86	OHX	6	2055	7/7	0.99	0.10	97,97,97,97	0
86	OHX	5	3975	7/7	0.99	0.13	98,98,98,98	0
86	OHX	6	2056	7/7	0.99	0.07	104,104,104,104	0
86	OHX	6	2057	7/7	0.99	0.07	99,99,99,99	0
86	OHX	5	3978	7/7	0.99	0.11	93,93,93,93	0
86	OHX	6	2058	7/7	0.99	0.06	94,94,94,94	0
86	OHX	6	2059	7/7	0.99	0.05	98,98,98,98	0
86	OHX	6	2060	7/7	0.99	0.07	104,104,104,104	0
86	OHX	5	3982	7/7	0.99	0.06	90,90,90,90	0
86	OHX	6	2061	7/7	0.99	0.06	94,94,94,94	0
85	MG	1	3755	1/1	0.99	0.10	62,62,62,62	0
86	OHX	2	2034	7/7	0.99	0.10	116,116,116,116	0
85	MG	5	3526	1/1	0.99	0.23	24,24,24,24	0
86	OHX	2	2070	7/7	0.99	0.06	137,137,137,137	0
86	OHX	2	2036	7/7	0.99	0.12	99,99,99,99	0
85	MG	5	3847	1/1	0.99	0.08	57,57,57,57	0
85	MG	1	3695	1/1	0.99	0.21	42,42,42,42	0
86	OHX	2	2039	7/7	0.99	0.08	109,109,109,109	0
86	OHX	2	2110	7/7	0.99	0.05	138,138,138,138	0
85	MG	6	1948	1/1	0.99	0.28	37,37,37,37	0
86	OHX	2	2041	7/7	0.99	0.06	107,107,107,107	0
86	OHX	6	2073	7/7	0.99	0.07	97,97,97,97	0
86	OHX	2	2042	7/7	0.99	0.09	117,117,117,117	0
85	MG	5	3751	1/1	0.99	0.18	33,33,33,33	0
86	OHX	2	2044	7/7	0.99	0.07	118,118,118,118	0
86	OHX	1	3868	7/7	0.99	0.08	71,71,71,71	0
86	OHX	1	3869	7/7	0.99	0.09	62,62,62,62	0
86	OHX	1	3952	7/7	0.99	0.05	106,106,106,106	0
86	OHX	5	4002	7/7	0.99	0.07	81,81,81,81	0
86	OHX	1	3870	7/7	0.99	0.13	64,64,64,64	0
86	OHX	5	4004	7/7	0.99	0.08	115,115,115,115	0
86	OHX	n9	102	7/7	0.99	0.08	79,79,79,79	0
86	OHX	1	3871	7/7	0.99	0.08	57,57,57,57	0
86	OHX	1	3872	7/7	0.99	0.11	65,65,65,65	0
86	OHX	1	3873	7/7	0.99	0.06	72,72,72,72	0
86	OHX	1	3875	7/7	0.99	0.09	71,71,71,71	0
86	OHX	1	3876	7/7	0.99	0.09	64,64,64,64	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	3877	7/7	0.99	0.07	75,75,75,75	0
87	ZN	E1	501	1/1	0.99	0.03	130,130,130,130	0
86	OHX	1	3960	7/7	0.99	0.08	125,125,125,125	0
87	ZN	d6	101	1/1	0.99	0.03	65,65,65,65	0
86	OHX	1	3878	7/7	0.99	0.05	67,67,67,67	0
86	OHX	1	3880	7/7	0.99	0.07	72,72,72,72	0
86	OHX	1	3881	7/7	0.99	0.10	72,72,72,72	0
86	OHX	1	3882	7/7	0.99	0.07	80,80,80,80	0
86	OHX	1	3965	7/7	0.99	0.13	82,82,82,82	0
86	OHX	5	3927	7/7	1.00	0.04	80,80,80,80	0
85	MG	5	3857	1/1	1.00	0.08	65,65,65,65	0
85	MG	1	3520	1/1	1.00	0.03	38,38,38,38	0
86	OHX	5	3910	7/7	1.00	0.04	73,73,73,73	0
86	OHX	1	3885	7/7	1.00	0.04	70,70,70,70	0
86	OHX	1	3894	7/7	1.00	0.05	80,80,80,80	0
86	OHX	5	3894	7/7	1.00	0.11	51,51,51,51	0
86	OHX	4	221	7/7	1.00	0.07	62,62,62,62	0
86	OHX	5	3955	7/7	1.00	0.04	100,100,100,100	0
86	OHX	5	3896	7/7	1.00	0.05	59,59,59,59	0
86	OHX	6	2047	7/7	1.00	0.08	73,73,73,73	0
86	OHX	5	3898	7/7	1.00	0.09	61,61,61,61	0
86	OHX	1	3895	7/7	1.00	0.06	82,82,82,82	0
87	ZN	D6	500	1/1	1.00	0.04	80,80,80,80	0
86	OHX	s1	302	7/7	1.00	0.06	100,100,100,100	0
87	ZN	D9	101	1/1	1.00	0.05	88,88,88,88	0
86	OHX	1	3879	7/7	1.00	0.04	71,71,71,71	0
87	ZN	O7	101	1/1	1.00	0.02	42,42,42,42	0
87	ZN	Q0	500	1/1	1.00	0.02	51,51,51,51	0
86	OHX	8	216	7/7	1.00	0.05	61,61,61,61	0
87	ZN	Q3	501	1/1	1.00	0.02	70,70,70,70	0
86	OHX	5	3902	7/7	1.00	0.05	64,64,64,64	0
86	OHX	1	3887	7/7	1.00	0.06	76,76,76,76	0
87	ZN	d9	101	1/1	1.00	0.02	97,97,97,97	0
86	OHX	1	3874	7/7	1.00	0.07	69,69,69,69	0
87	ZN	o7	501	1/1	1.00	0.01	49,49,49,49	0
87	ZN	q0	201	1/1	1.00	0.01	38,38,38,38	0
86	OHX	5	3905	7/7	1.00	0.06	65,65,65,65	0
87	ZN	q3	501	1/1	1.00	0.01	74,74,74,74	0
86	OHX	1	3866	7/7	1.00	0.08	50,50,50,50	0
86	OHX	1	3867	7/7	1.00	0.07	55,55,55,55	0

6.5 Other polymers [i](#)

There are no such residues in this entry.