



wwPDB X-ray Structure Validation Summary Report i

Oct 9, 2014 – 10:53 PM BST

PDB ID : 4U3M
Title : Crystal structure of Anisomycin bound to the yeast 80S ribosome
Authors : Garreau de Loubresse, N.; Prokhorova, I.; Yusupova, G.; Yusupov, M.
Deposited on : 2014-07-22
Resolution : 3.00 Å(reported)

This is a wwPDB validation summary report for a publicly released PDB entry.

We welcome your comments at validation@mail.wwpdb.org

A user guide is available at <http://wwpdb.org/ValidationPDFNotes.html>

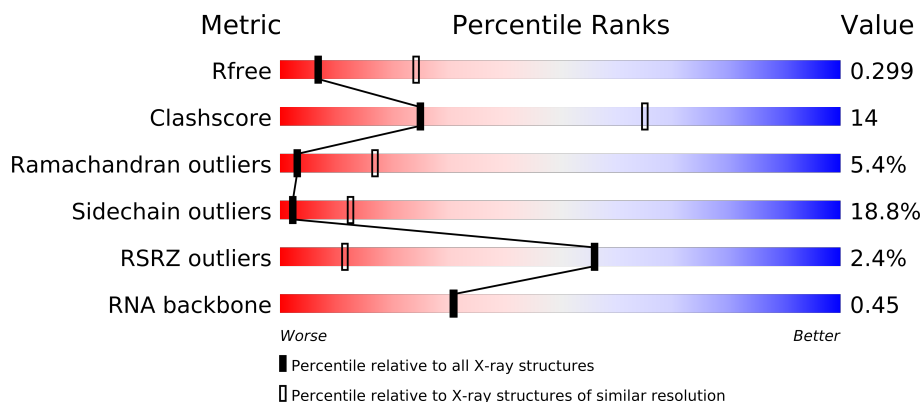
The following versions of software and data (see [references](#)) were used in the production of this report:

MolProbity : 4.02b-467
Mogul : 1.16 November 2013
Xtriage (Phenix) : dev-1323
EDS : stable24037
Percentile statistics : 21963
Refmac : 5.8.0049
CCP4 : 6.3.0 (Settle)
Ideal geometry (proteins) : Engh & Huber (2001)
Ideal geometry (DNA, RNA) : Parkinson et. al. (1996)
Validation Pipeline (wwPDB-VP) : stable24037

1 Overall quality at a glance

The reported resolution of this entry is 3.00 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}	66092	1216 (3.00-3.00)
Clashscore	79885	1594 (3.00-3.00)
Ramachandran outliers	78287	1537 (3.00-3.00)
Sidechain outliers	78261	1540 (3.00-3.00)
RSRZ outliers	66119	1217 (3.00-3.00)
RNA backbone	1838	1070 (3.50-2.50)

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 on the lower bar indicate the fraction of residues that contain outliers for ≥ 3 , 2, 1 and 0 types of geometric quality criteria. The upper red bar (where present) indicates the fraction of residues that have poor fit to the electron density.

Mol	Chain	Length	Quality of chain
1	2	1800	
1	6	1800	
2	S0	251	
2	s0	251	
3	S1	254	
3	s1	254	
4	S2	253	
4	s2	253	
5	S3	239	
5	s3	239	
6	S4	260	
6	s4	260	

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Mol	Chain	Length	Quality of chain
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	
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	
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	
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	

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Mol	Chain	Length	Quality of chain
50	M4	137	
50	m4	137	
51	M5	203	
51	m5	203	
52	M6	198	
52	m6	198	
53	M7	183	
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	
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	

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Mol	Chain	Length	Quality of chain
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	
78	q2	105	
79	Q3	91	
79	q3	91	
80	e0	62	
81	e1	76	
82	m2	160	
83	p0	311	
84	p1	47	
85	p2	46	

The following table lists non-polymeric compounds that are outliers for geometric or electron-density-fit criteria:

Mol	Type	Chain	Res	Geometry	Electron density
86	MG	1	3402	-	X
86	MG	1	3403	-	X
86	MG	1	3404	-	X
86	MG	1	3405	-	X
86	MG	1	3406	-	X
86	MG	1	3407	-	X
86	MG	1	3408	-	X
86	MG	1	3409	-	X
86	MG	1	3410	-	X
86	MG	1	3411	-	X
86	MG	1	3412	-	X
86	MG	1	3413	-	X
86	MG	1	3414	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	1	3416	-	X
86	MG	1	3417	-	X
86	MG	1	3418	-	X
86	MG	1	3419	-	X
86	MG	1	3421	-	X
86	MG	1	3422	-	X
86	MG	1	3423	-	X
86	MG	1	3424	-	X
86	MG	1	3425	-	X
86	MG	1	3427	-	X
86	MG	1	3429	-	X
86	MG	1	3430	-	X
86	MG	1	3431	-	X
86	MG	1	3432	-	X
86	MG	1	3433	-	X
86	MG	1	3435	-	X
86	MG	1	3437	-	X
86	MG	1	3438	-	X
86	MG	1	3439	-	X
86	MG	1	3440	-	X
86	MG	1	3441	-	X
86	MG	1	3442	-	X
86	MG	1	3444	-	X
86	MG	1	3448	-	X
86	MG	1	3449	-	X
86	MG	1	3450	-	X
86	MG	1	3451	-	X
86	MG	1	3452	-	X
86	MG	1	3453	-	X
86	MG	1	3454	-	X
86	MG	1	3456	-	X
86	MG	1	3457	-	X
86	MG	1	3458	-	X
86	MG	1	3459	-	X
86	MG	1	3460	-	X
86	MG	1	3461	-	X
86	MG	1	3462	-	X
86	MG	1	3463	-	X
86	MG	1	3464	-	X
86	MG	1	3466	-	X
86	MG	1	3469	-	X
86	MG	1	3470	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	1	3471	-	X
86	MG	1	3472	-	X
86	MG	1	3473	-	X
86	MG	1	3474	-	X
86	MG	1	3475	-	X
86	MG	1	3476	-	X
86	MG	1	3477	-	X
86	MG	1	3478	-	X
86	MG	1	3480	-	X
86	MG	1	3481	-	X
86	MG	1	3483	-	X
86	MG	1	3484	-	X
86	MG	1	3485	-	X
86	MG	1	3486	-	X
86	MG	1	3487	-	X
86	MG	1	3488	-	X
86	MG	1	3490	-	X
86	MG	1	3491	-	X
86	MG	1	3492	-	X
86	MG	1	3493	-	X
86	MG	1	3494	-	X
86	MG	1	3495	-	X
86	MG	1	3496	-	X
86	MG	1	3497	-	X
86	MG	1	3498	-	X
86	MG	1	3499	-	X
86	MG	1	3500	-	X
86	MG	1	3502	-	X
86	MG	1	3503	-	X
86	MG	1	3504	-	X
86	MG	1	3505	-	X
86	MG	1	3506	-	X
86	MG	1	3507	-	X
86	MG	1	3508	-	X
86	MG	1	3509	-	X
86	MG	1	3510	-	X
86	MG	1	3511	-	X
86	MG	1	3512	-	X
86	MG	1	3513	-	X
86	MG	1	3514	-	X
86	MG	1	3515	-	X
86	MG	1	3516	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	1	3517	-	X
86	MG	1	3518	-	X
86	MG	1	3519	-	X
86	MG	1	3520	-	X
86	MG	1	3522	-	X
86	MG	1	3523	-	X
86	MG	1	3524	-	X
86	MG	1	3525	-	X
86	MG	1	3526	-	X
86	MG	1	3527	-	X
86	MG	1	3528	-	X
86	MG	1	3529	-	X
86	MG	1	3530	-	X
86	MG	1	3531	-	X
86	MG	1	3532	-	X
86	MG	1	3533	-	X
86	MG	1	3534	-	X
86	MG	1	3535	-	X
86	MG	1	3536	-	X
86	MG	1	3537	-	X
86	MG	1	3538	-	X
86	MG	1	3539	-	X
86	MG	1	3540	-	X
86	MG	1	3541	-	X
86	MG	1	3542	-	X
86	MG	1	3543	-	X
86	MG	1	3544	-	X
86	MG	1	3545	-	X
86	MG	1	3546	-	X
86	MG	1	3547	-	X
86	MG	1	3548	-	X
86	MG	1	3549	-	X
86	MG	1	3550	-	X
86	MG	1	3551	-	X
86	MG	1	3552	-	X
86	MG	1	3553	-	X
86	MG	1	3555	-	X
86	MG	1	3556	-	X
86	MG	1	3557	-	X
86	MG	1	3559	-	X
86	MG	1	3560	-	X
86	MG	1	3561	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	1	3562	-	X
86	MG	1	3563	-	X
86	MG	1	3564	-	X
86	MG	1	3565	-	X
86	MG	1	3566	-	X
86	MG	1	3567	-	X
86	MG	1	3570	-	X
86	MG	1	3571	-	X
86	MG	1	3572	-	X
86	MG	1	3573	-	X
86	MG	1	3574	-	X
86	MG	1	3575	-	X
86	MG	1	3576	-	X
86	MG	1	3577	-	X
86	MG	1	3578	-	X
86	MG	1	3579	-	X
86	MG	1	3580	-	X
86	MG	1	3581	-	X
86	MG	1	3584	-	X
86	MG	1	3585	-	X
86	MG	1	3586	-	X
86	MG	1	3587	-	X
86	MG	1	3588	-	X
86	MG	1	3589	-	X
86	MG	1	3590	-	X
86	MG	1	3591	-	X
86	MG	1	3592	-	X
86	MG	1	3593	-	X
86	MG	1	3595	-	X
86	MG	1	3596	-	X
86	MG	1	3597	-	X
86	MG	1	3598	-	X
86	MG	1	3599	-	X
86	MG	1	3600	-	X
86	MG	1	3602	-	X
86	MG	1	3605	-	X
86	MG	1	3608	-	X
86	MG	1	3609	-	X
86	MG	1	3611	-	X
86	MG	1	3612	-	X
86	MG	1	3613	-	X
86	MG	1	3615	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	1	3616	-	X
86	MG	1	3617	-	X
86	MG	1	3619	-	X
86	MG	1	3620	-	X
86	MG	1	3622	-	X
86	MG	1	3624	-	X
86	MG	1	3625	-	X
86	MG	1	3626	-	X
86	MG	1	3627	-	X
86	MG	1	3628	-	X
86	MG	1	3629	-	X
86	MG	1	3631	-	X
86	MG	1	3633	-	X
86	MG	1	3635	-	X
86	MG	1	3636	-	X
86	MG	1	3642	-	X
86	MG	1	3643	-	X
86	MG	1	3644	-	X
86	MG	1	3646	-	X
86	MG	1	3647	-	X
86	MG	1	3648	-	X
86	MG	1	3649	-	X
86	MG	1	3650	-	X
86	MG	1	3651	-	X
86	MG	1	3652	-	X
86	MG	1	3653	-	X
86	MG	1	3655	-	X
86	MG	1	3657	-	X
86	MG	1	3658	-	X
86	MG	1	3659	-	X
86	MG	1	3660	-	X
86	MG	1	3661	-	X
86	MG	1	3666	-	X
86	MG	1	3667	-	X
86	MG	1	3668	-	X
86	MG	1	3669	-	X
86	MG	1	3670	-	X
86	MG	1	3671	-	X
86	MG	1	3672	-	X
86	MG	1	3673	-	X
86	MG	1	3674	-	X
86	MG	1	3676	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	1	3677	-	X
86	MG	1	3678	-	X
86	MG	1	3679	-	X
86	MG	1	3680	-	X
86	MG	1	3682	-	X
86	MG	1	3683	-	X
86	MG	1	3684	-	X
86	MG	1	3685	-	X
86	MG	1	3686	-	X
86	MG	1	3687	-	X
86	MG	1	3688	-	X
86	MG	1	3690	-	X
86	MG	1	3691	-	X
86	MG	1	3693	-	X
86	MG	1	3695	-	X
86	MG	1	3696	-	X
86	MG	1	3697	-	X
86	MG	1	3698	-	X
86	MG	1	3701	-	X
86	MG	1	3702	-	X
86	MG	1	3703	-	X
86	MG	1	3704	-	X
86	MG	1	3705	-	X
86	MG	1	3707	-	X
86	MG	1	3710	-	X
86	MG	1	3711	-	X
86	MG	1	3712	-	X
86	MG	1	3714	-	X
86	MG	1	3715	-	X
86	MG	1	3718	-	X
86	MG	1	3719	-	X
86	MG	1	3720	-	X
86	MG	1	3721	-	X
86	MG	1	3722	-	X
86	MG	1	3723	-	X
86	MG	1	3726	-	X
86	MG	1	3727	-	X
86	MG	1	3729	-	X
86	MG	1	3731	-	X
86	MG	1	3732	-	X
86	MG	1	3734	-	X
86	MG	1	3735	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	1	3738	-	X
86	MG	1	3739	-	X
86	MG	1	3740	-	X
86	MG	1	3741	-	X
86	MG	1	3742	-	X
86	MG	1	3745	-	X
86	MG	1	3746	-	X
86	MG	1	3747	-	X
86	MG	1	3749	-	X
86	MG	1	3751	-	X
86	MG	1	3753	-	X
86	MG	1	3755	-	X
86	MG	1	3756	-	X
86	MG	1	3759	-	X
86	MG	1	3761	-	X
86	MG	1	3763	-	X
86	MG	1	3764	-	X
86	MG	1	3765	-	X
86	MG	1	3766	-	X
86	MG	1	3768	-	X
86	MG	1	3769	-	X
86	MG	1	3770	-	X
86	MG	1	3771	-	X
86	MG	1	3772	-	X
86	MG	1	3774	-	X
86	MG	1	3776	-	X
86	MG	1	3777	-	X
86	MG	1	3778	-	X
86	MG	1	3780	-	X
86	MG	1	3781	-	X
86	MG	1	3782	-	X
86	MG	1	3784	-	X
86	MG	1	3785	-	X
86	MG	1	3786	-	X
86	MG	1	3787	-	X
86	MG	1	3789	-	X
86	MG	1	3790	-	X
86	MG	1	3791	-	X
86	MG	1	3796	-	X
86	MG	1	3797	-	X
86	MG	1	3798	-	X
86	MG	1	3799	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	1	3801	-	X
86	MG	1	3806	-	X
86	MG	1	3807	-	X
86	MG	1	3808	-	X
86	MG	1	3811	-	X
86	MG	1	3815	-	X
86	MG	1	3816	-	X
86	MG	1	3817	-	X
86	MG	1	3818	-	X
86	MG	1	3819	-	X
86	MG	1	3820	-	X
86	MG	1	3821	-	X
86	MG	1	3822	-	X
86	MG	1	3825	-	X
86	MG	1	3826	-	X
86	MG	1	3827	-	X
86	MG	1	3828	-	X
86	MG	1	3830	-	X
86	MG	1	3832	-	X
86	MG	1	3833	-	X
86	MG	1	3834	-	X
86	MG	1	3835	-	X
86	MG	1	3837	-	X
86	MG	1	3838	-	X
86	MG	1	3840	-	X
86	MG	1	3842	-	X
86	MG	1	3843	-	X
86	MG	1	3844	-	X
86	MG	1	3845	-	X
86	MG	1	3846	-	X
86	MG	1	3847	-	X
86	MG	1	3848	-	X
86	MG	1	3849	-	X
86	MG	1	3850	-	X
86	MG	1	3851	-	X
86	MG	1	3853	-	X
86	MG	1	3854	-	X
86	MG	1	3856	-	X
86	MG	1	3857	-	X
86	MG	1	3858	-	X
86	MG	1	3859	-	X
86	MG	1	3860	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	1	3861	-	X
86	MG	1	3862	-	X
86	MG	1	3864	-	X
86	MG	1	3865	-	X
86	MG	1	3866	-	X
86	MG	1	3867	-	X
86	MG	1	4219	-	X
86	MG	1	4224	-	X
86	MG	1	4225	-	X
86	MG	2	1901	-	X
86	MG	2	1902	-	X
86	MG	2	1903	-	X
86	MG	2	1905	-	X
86	MG	2	1906	-	X
86	MG	2	1907	-	X
86	MG	2	1908	-	X
86	MG	2	1909	-	X
86	MG	2	1910	-	X
86	MG	2	1911	-	X
86	MG	2	1912	-	X
86	MG	2	1913	-	X
86	MG	2	1914	-	X
86	MG	2	1915	-	X
86	MG	2	1916	-	X
86	MG	2	1917	-	X
86	MG	2	1918	-	X
86	MG	2	1919	-	X
86	MG	2	1920	-	X
86	MG	2	1921	-	X
86	MG	2	1922	-	X
86	MG	2	1923	-	X
86	MG	2	1924	-	X
86	MG	2	1925	-	X
86	MG	2	1926	-	X
86	MG	2	1927	-	X
86	MG	2	1928	-	X
86	MG	2	1929	-	X
86	MG	2	1930	-	X
86	MG	2	1931	-	X
86	MG	2	1932	-	X
86	MG	2	1933	-	X
86	MG	2	1934	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	2	1935	-	X
86	MG	2	1936	-	X
86	MG	2	1937	-	X
86	MG	2	1938	-	X
86	MG	2	1939	-	X
86	MG	2	1941	-	X
86	MG	2	1943	-	X
86	MG	2	1944	-	X
86	MG	2	1945	-	X
86	MG	2	1946	-	X
86	MG	2	1947	-	X
86	MG	2	1949	-	X
86	MG	2	1950	-	X
86	MG	2	1952	-	X
86	MG	2	1953	-	X
86	MG	2	1954	-	X
86	MG	2	1955	-	X
86	MG	2	1956	-	X
86	MG	2	1957	-	X
86	MG	2	1958	-	X
86	MG	2	1959	-	X
86	MG	2	1960	-	X
86	MG	2	1961	-	X
86	MG	2	1962	-	X
86	MG	2	1963	-	X
86	MG	2	1964	-	X
86	MG	2	1965	-	X
86	MG	2	1966	-	X
86	MG	2	1967	-	X
86	MG	2	1968	-	X
86	MG	2	1970	-	X
86	MG	2	1971	-	X
86	MG	2	1972	-	X
86	MG	2	1973	-	X
86	MG	2	1974	-	X
86	MG	2	1975	-	X
86	MG	2	1976	-	X
86	MG	2	1979	-	X
86	MG	2	1981	-	X
86	MG	2	1982	-	X
86	MG	2	1983	-	X
86	MG	2	1985	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	2	1988	-	X
86	MG	2	1989	-	X
86	MG	2	1993	-	X
86	MG	2	1994	-	X
86	MG	2	1996	-	X
86	MG	2	2000	-	X
86	MG	2	2001	-	X
86	MG	2	2002	-	X
86	MG	2	2003	-	X
86	MG	2	2006	-	X
86	MG	2	2007	-	X
86	MG	2	2008	-	X
86	MG	2	2009	-	X
86	MG	2	2010	-	X
86	MG	2	2011	-	X
86	MG	2	2012	-	X
86	MG	2	2013	-	X
86	MG	2	2015	-	X
86	MG	2	2016	-	X
86	MG	2	2018	-	X
86	MG	2	2019	-	X
86	MG	2	2021	-	X
86	MG	2	2022	-	X
86	MG	3	201	-	X
86	MG	3	202	-	X
86	MG	3	203	-	X
86	MG	3	204	-	X
86	MG	3	205	-	X
86	MG	3	206	-	X
86	MG	3	207	-	X
86	MG	3	212	-	X
86	MG	3	213	-	X
86	MG	3	214	-	X
86	MG	4	201	-	X
86	MG	4	202	-	X
86	MG	4	203	-	X
86	MG	4	205	-	X
86	MG	4	207	-	X
86	MG	4	208	-	X
86	MG	4	209	-	X
86	MG	4	211	-	X
86	MG	4	212	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	4	213	-	X
86	MG	4	215	-	X
86	MG	4	216	-	X
86	MG	4	217	-	X
86	MG	4	220	-	X
86	MG	4	221	-	X
86	MG	4	222	-	X
86	MG	4	223	-	X
86	MG	5	3401	-	X
86	MG	5	3402	-	X
86	MG	5	3403	-	X
86	MG	5	3405	-	X
86	MG	5	3406	-	X
86	MG	5	3409	-	X
86	MG	5	3410	-	X
86	MG	5	3411	-	X
86	MG	5	3412	-	X
86	MG	5	3413	-	X
86	MG	5	3415	-	X
86	MG	5	3417	-	X
86	MG	5	3418	-	X
86	MG	5	3419	-	X
86	MG	5	3421	-	X
86	MG	5	3422	-	X
86	MG	5	3423	-	X
86	MG	5	3424	-	X
86	MG	5	3426	-	X
86	MG	5	3427	-	X
86	MG	5	3428	-	X
86	MG	5	3430	-	X
86	MG	5	3431	-	X
86	MG	5	3432	-	X
86	MG	5	3433	-	X
86	MG	5	3436	-	X
86	MG	5	3437	-	X
86	MG	5	3438	-	X
86	MG	5	3439	-	X
86	MG	5	3440	-	X
86	MG	5	3441	-	X
86	MG	5	3442	-	X
86	MG	5	3444	-	X
86	MG	5	3445	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	5	3447	-	X
86	MG	5	3448	-	X
86	MG	5	3449	-	X
86	MG	5	3450	-	X
86	MG	5	3451	-	X
86	MG	5	3452	-	X
86	MG	5	3455	-	X
86	MG	5	3456	-	X
86	MG	5	3457	-	X
86	MG	5	3459	-	X
86	MG	5	3460	-	X
86	MG	5	3461	-	X
86	MG	5	3462	-	X
86	MG	5	3463	-	X
86	MG	5	3464	-	X
86	MG	5	3465	-	X
86	MG	5	3466	-	X
86	MG	5	3467	-	X
86	MG	5	3470	-	X
86	MG	5	3471	-	X
86	MG	5	3473	-	X
86	MG	5	3474	-	X
86	MG	5	3475	-	X
86	MG	5	3477	-	X
86	MG	5	3478	-	X
86	MG	5	3479	-	X
86	MG	5	3480	-	X
86	MG	5	3481	-	X
86	MG	5	3482	-	X
86	MG	5	3483	-	X
86	MG	5	3486	-	X
86	MG	5	3487	-	X
86	MG	5	3488	-	X
86	MG	5	3490	-	X
86	MG	5	3491	-	X
86	MG	5	3492	-	X
86	MG	5	3494	-	X
86	MG	5	3495	-	X
86	MG	5	3497	-	X
86	MG	5	3498	-	X
86	MG	5	3499	-	X
86	MG	5	3500	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	5	3501	-	X
86	MG	5	3502	-	X
86	MG	5	3503	-	X
86	MG	5	3504	-	X
86	MG	5	3505	-	X
86	MG	5	3506	-	X
86	MG	5	3507	-	X
86	MG	5	3508	-	X
86	MG	5	3509	-	X
86	MG	5	3510	-	X
86	MG	5	3511	-	X
86	MG	5	3512	-	X
86	MG	5	3513	-	X
86	MG	5	3514	-	X
86	MG	5	3515	-	X
86	MG	5	3516	-	X
86	MG	5	3517	-	X
86	MG	5	3518	-	X
86	MG	5	3519	-	X
86	MG	5	3520	-	X
86	MG	5	3521	-	X
86	MG	5	3522	-	X
86	MG	5	3523	-	X
86	MG	5	3524	-	X
86	MG	5	3525	-	X
86	MG	5	3527	-	X
86	MG	5	3529	-	X
86	MG	5	3530	-	X
86	MG	5	3531	-	X
86	MG	5	3532	-	X
86	MG	5	3533	-	X
86	MG	5	3534	-	X
86	MG	5	3535	-	X
86	MG	5	3536	-	X
86	MG	5	3537	-	X
86	MG	5	3538	-	X
86	MG	5	3539	-	X
86	MG	5	3540	-	X
86	MG	5	3541	-	X
86	MG	5	3542	-	X
86	MG	5	3543	-	X
86	MG	5	3545	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	5	3546	-	X
86	MG	5	3547	-	X
86	MG	5	3548	-	X
86	MG	5	3549	-	X
86	MG	5	3550	-	X
86	MG	5	3551	-	X
86	MG	5	3552	-	X
86	MG	5	3553	-	X
86	MG	5	3554	-	X
86	MG	5	3555	-	X
86	MG	5	3556	-	X
86	MG	5	3557	-	X
86	MG	5	3558	-	X
86	MG	5	3559	-	X
86	MG	5	3560	-	X
86	MG	5	3561	-	X
86	MG	5	3562	-	X
86	MG	5	3563	-	X
86	MG	5	3564	-	X
86	MG	5	3565	-	X
86	MG	5	3566	-	X
86	MG	5	3567	-	X
86	MG	5	3568	-	X
86	MG	5	3569	-	X
86	MG	5	3570	-	X
86	MG	5	3571	-	X
86	MG	5	3572	-	X
86	MG	5	3573	-	X
86	MG	5	3574	-	X
86	MG	5	3575	-	X
86	MG	5	3576	-	X
86	MG	5	3577	-	X
86	MG	5	3578	-	X
86	MG	5	3579	-	X
86	MG	5	3580	-	X
86	MG	5	3581	-	X
86	MG	5	3582	-	X
86	MG	5	3583	-	X
86	MG	5	3584	-	X
86	MG	5	3585	-	X
86	MG	5	3586	-	X
86	MG	5	3587	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	5	3588	-	X
86	MG	5	3590	-	X
86	MG	5	3591	-	X
86	MG	5	3592	-	X
86	MG	5	3593	-	X
86	MG	5	3594	-	X
86	MG	5	3595	-	X
86	MG	5	3596	-	X
86	MG	5	3597	-	X
86	MG	5	3598	-	X
86	MG	5	3599	-	X
86	MG	5	3604	-	X
86	MG	5	3605	-	X
86	MG	5	3606	-	X
86	MG	5	3607	-	X
86	MG	5	3608	-	X
86	MG	5	3609	-	X
86	MG	5	3610	-	X
86	MG	5	3611	-	X
86	MG	5	3612	-	X
86	MG	5	3614	-	X
86	MG	5	3615	-	X
86	MG	5	3618	-	X
86	MG	5	3619	-	X
86	MG	5	3620	-	X
86	MG	5	3621	-	X
86	MG	5	3623	-	X
86	MG	5	3624	-	X
86	MG	5	3625	-	X
86	MG	5	3626	-	X
86	MG	5	3628	-	X
86	MG	5	3629	-	X
86	MG	5	3630	-	X
86	MG	5	3631	-	X
86	MG	5	3632	-	X
86	MG	5	3633	-	X
86	MG	5	3634	-	X
86	MG	5	3635	-	X
86	MG	5	3636	-	X
86	MG	5	3637	-	X
86	MG	5	3638	-	X
86	MG	5	3639	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	5	3640	-	X
86	MG	5	3641	-	X
86	MG	5	3644	-	X
86	MG	5	3645	-	X
86	MG	5	3646	-	X
86	MG	5	3647	-	X
86	MG	5	3648	-	X
86	MG	5	3650	-	X
86	MG	5	3652	-	X
86	MG	5	3653	-	X
86	MG	5	3654	-	X
86	MG	5	3655	-	X
86	MG	5	3656	-	X
86	MG	5	3658	-	X
86	MG	5	3659	-	X
86	MG	5	3660	-	X
86	MG	5	3662	-	X
86	MG	5	3663	-	X
86	MG	5	3664	-	X
86	MG	5	3665	-	X
86	MG	5	3666	-	X
86	MG	5	3667	-	X
86	MG	5	3668	-	X
86	MG	5	3669	-	X
86	MG	5	3670	-	X
86	MG	5	3671	-	X
86	MG	5	3672	-	X
86	MG	5	3673	-	X
86	MG	5	3674	-	X
86	MG	5	3675	-	X
86	MG	5	3676	-	X
86	MG	5	3677	-	X
86	MG	5	3679	-	X
86	MG	5	3680	-	X
86	MG	5	3682	-	X
86	MG	5	3683	-	X
86	MG	5	3684	-	X
86	MG	5	3685	-	X
86	MG	5	3686	-	X
86	MG	5	3687	-	X
86	MG	5	3688	-	X
86	MG	5	3690	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	5	3691	-	X
86	MG	5	3693	-	X
86	MG	5	3694	-	X
86	MG	5	3695	-	X
86	MG	5	3696	-	X
86	MG	5	3697	-	X
86	MG	5	3699	-	X
86	MG	5	3700	-	X
86	MG	5	3701	-	X
86	MG	5	3703	-	X
86	MG	5	3704	-	X
86	MG	5	3705	-	X
86	MG	5	3708	-	X
86	MG	5	3709	-	X
86	MG	5	3710	-	X
86	MG	5	3711	-	X
86	MG	5	3714	-	X
86	MG	5	3716	-	X
86	MG	5	3717	-	X
86	MG	5	3718	-	X
86	MG	5	3719	-	X
86	MG	5	3721	-	X
86	MG	5	3723	-	X
86	MG	5	3724	-	X
86	MG	5	3726	-	X
86	MG	5	3728	-	X
86	MG	5	3730	-	X
86	MG	5	3731	-	X
86	MG	5	3732	-	X
86	MG	5	3734	-	X
86	MG	5	3735	-	X
86	MG	5	3736	-	X
86	MG	5	3737	-	X
86	MG	5	3738	-	X
86	MG	5	3739	-	X
86	MG	5	3740	-	X
86	MG	5	3741	-	X
86	MG	5	3742	-	X
86	MG	5	3744	-	X
86	MG	5	3745	-	X
86	MG	5	3746	-	X
86	MG	5	3747	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	5	3748	-	X
86	MG	5	3749	-	X
86	MG	5	3751	-	X
86	MG	5	3752	-	X
86	MG	5	3753	-	X
86	MG	5	3755	-	X
86	MG	5	3756	-	X
86	MG	5	3757	-	X
86	MG	5	3759	-	X
86	MG	5	3760	-	X
86	MG	5	3764	-	X
86	MG	5	3765	-	X
86	MG	5	3768	-	X
86	MG	5	3770	-	X
86	MG	5	3771	-	X
86	MG	5	3773	-	X
86	MG	5	3774	-	X
86	MG	5	3776	-	X
86	MG	5	3778	-	X
86	MG	5	3780	-	X
86	MG	5	3782	-	X
86	MG	5	3783	-	X
86	MG	5	3784	-	X
86	MG	5	3785	-	X
86	MG	5	3788	-	X
86	MG	5	3789	-	X
86	MG	5	3790	-	X
86	MG	5	3793	-	X
86	MG	5	3794	-	X
86	MG	5	3795	-	X
86	MG	5	3796	-	X
86	MG	5	3797	-	X
86	MG	5	3798	-	X
86	MG	5	3799	-	X
86	MG	5	3800	-	X
86	MG	5	3801	-	X
86	MG	5	3803	-	X
86	MG	5	3806	-	X
86	MG	5	3807	-	X
86	MG	5	3809	-	X
86	MG	5	3813	-	X
86	MG	5	3816	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	5	3817	-	X
86	MG	5	3818	-	X
86	MG	5	3819	-	X
86	MG	5	3820	-	X
86	MG	5	3825	-	X
86	MG	5	3827	-	X
86	MG	5	3829	-	X
86	MG	5	3830	-	X
86	MG	5	3831	-	X
86	MG	5	3832	-	X
86	MG	5	3833	-	X
86	MG	5	3834	-	X
86	MG	5	3835	-	X
86	MG	5	3839	-	X
86	MG	5	3841	-	X
86	MG	5	3843	-	X
86	MG	5	3844	-	X
86	MG	5	3846	-	X
86	MG	5	3847	-	X
86	MG	5	3848	-	X
86	MG	5	3850	-	X
86	MG	5	3851	-	X
86	MG	5	3853	-	X
86	MG	5	3855	-	X
86	MG	5	3856	-	X
86	MG	5	3857	-	X
86	MG	5	3858	-	X
86	MG	5	3862	-	X
86	MG	5	3864	-	X
86	MG	5	3865	-	X
86	MG	5	3867	-	X
86	MG	5	3868	-	X
86	MG	5	3869	-	X
86	MG	5	3870	-	X
86	MG	5	3871	-	X
86	MG	5	3872	-	X
86	MG	5	3873	-	X
86	MG	5	3874	-	X
86	MG	5	3875	-	X
86	MG	5	3876	-	X
86	MG	5	3877	-	X
86	MG	5	3878	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	5	3880	-	X
86	MG	5	3881	-	X
86	MG	5	3883	-	X
86	MG	5	3884	-	X
86	MG	5	3885	-	X
86	MG	5	3886	-	X
86	MG	5	3887	-	X
86	MG	5	3888	-	X
86	MG	5	3889	-	X
86	MG	5	3890	-	X
86	MG	5	3891	-	X
86	MG	5	3892	-	X
86	MG	5	3893	-	X
86	MG	5	3894	-	X
86	MG	5	3895	-	X
86	MG	5	3897	-	X
86	MG	5	3899	-	X
86	MG	5	3900	-	X
86	MG	5	3902	-	X
86	MG	5	4261	-	X
86	MG	5	4262	-	X
86	MG	5	4263	-	X
86	MG	5	4264	-	X
86	MG	5	4265	-	X
86	MG	6	1901	-	X
86	MG	6	1902	-	X
86	MG	6	1903	-	X
86	MG	6	1904	-	X
86	MG	6	1905	-	X
86	MG	6	1906	-	X
86	MG	6	1907	-	X
86	MG	6	1908	-	X
86	MG	6	1909	-	X
86	MG	6	1910	-	X
86	MG	6	1911	-	X
86	MG	6	1912	-	X
86	MG	6	1913	-	X
86	MG	6	1915	-	X
86	MG	6	1916	-	X
86	MG	6	1917	-	X
86	MG	6	1918	-	X
86	MG	6	1919	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	6	1920	-	X
86	MG	6	1921	-	X
86	MG	6	1922	-	X
86	MG	6	1924	-	X
86	MG	6	1925	-	X
86	MG	6	1926	-	X
86	MG	6	1927	-	X
86	MG	6	1928	-	X
86	MG	6	1929	-	X
86	MG	6	1930	-	X
86	MG	6	1931	-	X
86	MG	6	1932	-	X
86	MG	6	1933	-	X
86	MG	6	1934	-	X
86	MG	6	1936	-	X
86	MG	6	1937	-	X
86	MG	6	1938	-	X
86	MG	6	1939	-	X
86	MG	6	1940	-	X
86	MG	6	1941	-	X
86	MG	6	1942	-	X
86	MG	6	1943	-	X
86	MG	6	1944	-	X
86	MG	6	1945	-	X
86	MG	6	1946	-	X
86	MG	6	1947	-	X
86	MG	6	1948	-	X
86	MG	6	1949	-	X
86	MG	6	1950	-	X
86	MG	6	1951	-	X
86	MG	6	1953	-	X
86	MG	6	1954	-	X
86	MG	6	1955	-	X
86	MG	6	1956	-	X
86	MG	6	1957	-	X
86	MG	6	1958	-	X
86	MG	6	1959	-	X
86	MG	6	1960	-	X
86	MG	6	1961	-	X
86	MG	6	1962	-	X
86	MG	6	1963	-	X
86	MG	6	1964	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	6	1965	-	X
86	MG	6	1967	-	X
86	MG	6	1968	-	X
86	MG	6	1969	-	X
86	MG	6	1970	-	X
86	MG	6	1971	-	X
86	MG	6	1972	-	X
86	MG	6	1973	-	X
86	MG	6	1974	-	X
86	MG	6	1975	-	X
86	MG	6	1976	-	X
86	MG	6	1977	-	X
86	MG	6	1978	-	X
86	MG	6	1980	-	X
86	MG	6	1982	-	X
86	MG	6	1984	-	X
86	MG	6	1985	-	X
86	MG	6	1986	-	X
86	MG	6	1989	-	X
86	MG	6	1990	-	X
86	MG	6	1992	-	X
86	MG	6	1994	-	X
86	MG	6	1997	-	X
86	MG	6	1999	-	X
86	MG	6	2003	-	X
86	MG	6	2004	-	X
86	MG	6	2005	-	X
86	MG	6	2006	-	X
86	MG	6	2007	-	X
86	MG	6	2008	-	X
86	MG	6	2009	-	X
86	MG	6	2010	-	X
86	MG	6	2011	-	X
86	MG	6	2012	-	X
86	MG	6	2013	-	X
86	MG	6	2014	-	X
86	MG	6	2016	-	X
86	MG	6	2017	-	X
86	MG	6	2018	-	X
86	MG	6	2019	-	X
86	MG	6	2020	-	X
86	MG	6	2022	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	6	2025	-	X
86	MG	6	2026	-	X
86	MG	6	2027	-	X
86	MG	6	2028	-	X
86	MG	6	2029	-	X
86	MG	6	2030	-	X
86	MG	6	2031	-	X
86	MG	6	2032	-	X
86	MG	6	2033	-	X
86	MG	6	2034	-	X
86	MG	6	2036	-	X
86	MG	6	2037	-	X
86	MG	6	2038	-	X
86	MG	6	2039	-	X
86	MG	6	2040	-	X
86	MG	6	2041	-	X
86	MG	6	2042	-	X
86	MG	6	2043	-	X
86	MG	7	201	-	X
86	MG	7	202	-	X
86	MG	7	203	-	X
86	MG	7	205	-	X
86	MG	7	206	-	X
86	MG	7	207	-	X
86	MG	7	208	-	X
86	MG	7	209	-	X
86	MG	7	210	-	X
86	MG	7	212	-	X
86	MG	7	214	-	X
86	MG	7	226	-	X
86	MG	8	201	-	X
86	MG	8	202	-	X
86	MG	8	203	-	X
86	MG	8	204	-	X
86	MG	8	205	-	X
86	MG	8	206	-	X
86	MG	8	208	-	X
86	MG	8	209	-	X
86	MG	8	210	-	X
86	MG	8	211	-	X
86	MG	L2	301	-	X
86	MG	L3	401	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	L3	402	-	X
86	MG	L4	401	-	X
86	MG	L7	302	-	X
86	MG	M1	201	-	X
86	MG	M3	202	-	X
86	MG	M3	203	-	X
86	MG	M5	301	-	X
86	MG	M5	302	-	X
86	MG	M6	201	-	X
86	MG	M7	202	-	X
86	MG	M7	203	-	X
86	MG	M7	204	-	X
86	MG	N0	201	-	X
86	MG	N3	201	-	X
86	MG	N3	202	-	X
86	MG	N5	201	-	X
86	MG	N8	201	-	X
86	MG	N8	202	-	X
86	MG	N8	204	-	X
86	MG	O1	201	-	X
86	MG	O7	102	-	X
86	MG	O7	103	-	X
86	MG	S2	301	-	X
86	MG	S2	302	-	X
86	MG	S8	301	-	X
86	MG	c1	201	-	X
86	MG	c1	202	-	X
86	MG	c7	201	-	X
86	MG	c7	202	-	X
86	MG	c8	201	-	X
86	MG	d3	201	-	X
86	MG	d6	102	-	X
86	MG	l2	301	-	X
86	MG	l2	302	-	X
86	MG	l3	401	-	X
86	MG	l3	402	-	X
86	MG	l4	401	-	X
86	MG	l7	301	-	X
86	MG	m5	301	-	X
86	MG	m5	302	-	X
86	MG	m5	303	-	X
86	MG	m7	201	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
86	MG	m7	204	-	X
86	MG	n0	201	-	X
86	MG	n0	202	-	X
86	MG	n3	201	-	X
86	MG	n8	202	-	X
86	MG	n9	101	-	X
86	MG	o1	202	-	X
86	MG	o3	201	-	X
86	MG	o4	201	-	X
86	MG	q1	101	-	X
86	MG	s8	301	-	X
86	MG	s8	302	-	X
87	OHX	1	3868	-	X
87	OHX	1	3876	-	X
87	OHX	1	3891	-	X
87	OHX	1	3894	-	X
87	OHX	1	3900	-	X
87	OHX	1	3914	-	X
87	OHX	1	3932	-	X
87	OHX	1	3953	-	X
87	OHX	1	4039	-	X
87	OHX	1	4048	-	X
87	OHX	1	4049	-	X
87	OHX	1	4065	-	X
87	OHX	1	4066	-	X
87	OHX	1	4070	-	X
87	OHX	1	4071	-	X
87	OHX	1	4073	-	X
87	OHX	1	4076	-	X
87	OHX	1	4078	-	X
87	OHX	1	4079	-	X
87	OHX	1	4081	-	X
87	OHX	1	4085	-	X
87	OHX	1	4091	-	X
87	OHX	1	4096	-	X
87	OHX	1	4098	-	X
87	OHX	1	4103	-	X
87	OHX	1	4104	-	X
87	OHX	1	4111	-	X
87	OHX	1	4112	-	X
87	OHX	1	4113	-	X
87	OHX	1	4116	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
87	OHX	1	4118	-	X
87	OHX	1	4119	-	X
87	OHX	1	4122	-	X
87	OHX	1	4123	-	X
87	OHX	1	4129	-	X
87	OHX	1	4131	-	X
87	OHX	1	4133	-	X
87	OHX	1	4136	-	X
87	OHX	1	4137	-	X
87	OHX	1	4138	-	X
87	OHX	1	4139	-	X
87	OHX	1	4142	-	X
87	OHX	1	4143	-	X
87	OHX	1	4145	-	X
87	OHX	1	4146	-	X
87	OHX	1	4147	-	X
87	OHX	1	4150	-	X
87	OHX	1	4151	-	X
87	OHX	1	4163	-	X
87	OHX	1	4164	-	X
87	OHX	1	4167	-	X
87	OHX	1	4168	-	X
87	OHX	1	4171	-	X
87	OHX	1	4172	-	X
87	OHX	1	4173	-	X
87	OHX	1	4174	-	X
87	OHX	1	4175	-	X
87	OHX	1	4176	-	X
87	OHX	1	4178	-	X
87	OHX	1	4179	-	X
87	OHX	1	4181	-	X
87	OHX	1	4182	-	X
87	OHX	1	4184	-	X
87	OHX	1	4186	-	X
87	OHX	1	4187	-	X
87	OHX	1	4189	-	X
87	OHX	1	4190	-	X
87	OHX	1	4191	-	X
87	OHX	1	4193	-	X
87	OHX	1	4194	-	X
87	OHX	1	4195	-	X
87	OHX	1	4197	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
87	OHX	1	4200	-	X
87	OHX	1	4201	-	X
87	OHX	1	4202	-	X
87	OHX	1	4204	-	X
87	OHX	1	4205	-	X
87	OHX	1	4206	-	X
87	OHX	1	4207	-	X
87	OHX	1	4208	-	X
87	OHX	1	4209	-	X
87	OHX	1	4210	-	X
87	OHX	1	4211	-	X
87	OHX	1	4212	-	X
87	OHX	1	4213	-	X
87	OHX	1	4214	-	X
87	OHX	1	4216	-	X
87	OHX	2	2023	-	X
87	OHX	2	2025	-	X
87	OHX	2	2030	-	X
87	OHX	2	2092	-	X
87	OHX	2	2108	-	X
87	OHX	2	2117	-	X
87	OHX	2	2129	-	X
87	OHX	2	2136	-	X
87	OHX	2	2137	-	X
87	OHX	2	2138	-	X
87	OHX	2	2144	-	X
87	OHX	2	2149	-	X
87	OHX	2	2155	-	X
87	OHX	2	2158	-	X
87	OHX	2	2160	-	X
87	OHX	2	2163	-	X
87	OHX	2	2165	-	X
87	OHX	2	2170	-	X
87	OHX	2	2172	-	X
87	OHX	2	2173	-	X
87	OHX	2	2176	-	X
87	OHX	2	2177	-	X
87	OHX	2	2179	-	X
87	OHX	2	2180	-	X
87	OHX	3	225	-	X
87	OHX	4	235	-	X
87	OHX	4	238	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
87	OHX	5	3904	-	X
87	OHX	5	3905	-	X
87	OHX	5	3917	-	X
87	OHX	5	3918	-	X
87	OHX	5	3919	-	X
87	OHX	5	3956	-	X
87	OHX	5	4057	-	X
87	OHX	5	4076	-	X
87	OHX	5	4079	-	X
87	OHX	5	4088	-	X
87	OHX	5	4094	-	X
87	OHX	5	4095	-	X
87	OHX	5	4103	-	X
87	OHX	5	4106	-	X
87	OHX	5	4107	-	X
87	OHX	5	4112	-	X
87	OHX	5	4115	-	X
87	OHX	5	4116	-	X
87	OHX	5	4118	-	X
87	OHX	5	4122	-	X
87	OHX	5	4127	-	X
87	OHX	5	4130	-	X
87	OHX	5	4133	-	X
87	OHX	5	4135	-	X
87	OHX	5	4145	-	X
87	OHX	5	4146	-	X
87	OHX	5	4148	-	X
87	OHX	5	4149	-	X
87	OHX	5	4153	-	X
87	OHX	5	4156	-	X
87	OHX	5	4157	-	X
87	OHX	5	4158	-	X
87	OHX	5	4160	-	X
87	OHX	5	4161	-	X
87	OHX	5	4163	-	X
87	OHX	5	4164	-	X
87	OHX	5	4165	-	X
87	OHX	5	4166	-	X
87	OHX	5	4167	-	X
87	OHX	5	4168	-	X
87	OHX	5	4169	-	X
87	OHX	5	4172	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
87	OHX	5	4180	-	X
87	OHX	5	4183	-	X
87	OHX	5	4186	-	X
87	OHX	5	4187	-	X
87	OHX	5	4189	-	X
87	OHX	5	4191	-	X
87	OHX	5	4192	-	X
87	OHX	5	4193	-	X
87	OHX	5	4194	-	X
87	OHX	5	4195	-	X
87	OHX	5	4199	-	X
87	OHX	5	4200	-	X
87	OHX	5	4201	-	X
87	OHX	5	4203	-	X
87	OHX	5	4204	-	X
87	OHX	5	4205	-	X
87	OHX	5	4207	-	X
87	OHX	5	4210	-	X
87	OHX	5	4212	-	X
87	OHX	5	4214	-	X
87	OHX	5	4217	-	X
87	OHX	5	4218	-	X
87	OHX	5	4219	-	X
87	OHX	5	4220	-	X
87	OHX	5	4221	-	X
87	OHX	5	4223	-	X
87	OHX	5	4226	-	X
87	OHX	5	4228	-	X
87	OHX	5	4229	-	X
87	OHX	5	4230	-	X
87	OHX	5	4231	-	X
87	OHX	5	4234	-	X
87	OHX	5	4236	-	X
87	OHX	5	4237	-	X
87	OHX	5	4238	-	X
87	OHX	5	4239	-	X
87	OHX	5	4242	-	X
87	OHX	5	4243	-	X
87	OHX	5	4244	-	X
87	OHX	5	4245	-	X
87	OHX	5	4247	-	X
87	OHX	5	4248	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
87	OHX	5	4251	-	X
87	OHX	5	4253	-	X
87	OHX	5	4254	-	X
87	OHX	5	4255	-	X
87	OHX	5	4256	-	X
87	OHX	5	4257	-	X
87	OHX	6	2045	-	X
87	OHX	6	2050	-	X
87	OHX	6	2052	-	X
87	OHX	6	2118	-	X
87	OHX	6	2122	-	X
87	OHX	6	2124	-	X
87	OHX	6	2125	-	X
87	OHX	6	2134	-	X
87	OHX	6	2138	-	X
87	OHX	6	2142	-	X
87	OHX	6	2145	-	X
87	OHX	6	2155	-	X
87	OHX	6	2158	-	X
87	OHX	6	2166	-	X
87	OHX	6	2167	-	X
87	OHX	6	2169	-	X
87	OHX	6	2172	-	X
87	OHX	6	2173	-	X
87	OHX	6	2175	-	X
87	OHX	6	2177	-	X
87	OHX	6	2179	-	X
87	OHX	6	2180	-	X
87	OHX	6	2182	-	X
87	OHX	6	2183	-	X
87	OHX	6	2185	-	X
87	OHX	6	2188	-	X
87	OHX	6	2189	-	X
87	OHX	6	2190	-	X
87	OHX	6	2194	-	X
87	OHX	6	2195	-	X
87	OHX	6	2196	-	X
87	OHX	6	2198	-	X
87	OHX	6	2199	-	X
87	OHX	6	2203	-	X
87	OHX	7	223	-	X
87	OHX	7	225	-	X

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Mol	Type	Chain	Res	Geometry	Electron density
87	OHX	8	213	-	X
87	OHX	8	223	-	X
87	OHX	M7	206	-	X
87	OHX	M7	207	-	X
87	OHX	l4	403	-	X
87	OHX	m7	206	-	X
88	ZN	d7	101	-	X
89	ANM	5	4260	-	X

2 Entry composition

There are 89 unique types of molecules in this entry. The entry contains 411204 atoms, of which 0 are hydrogen and 0 are deuterium.

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 rRNA.

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-B.

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 6 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
C0	6	GLU	GLN	conflict	UNP P46784
C0	7	ASP	GLU	conflict	UNP P46784
C0	89	ALA	GLY	conflict	UNP P46784
c0	6	GLU	GLN	conflict	UNP P46784
c0	7	ASP	GLU	conflict	UNP P46784
c0	89	ALA	GLY	conflict	UNP P46784

- 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			
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			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
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			

- 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 rRNA.

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 5.8s rRNA.

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 rRNA.

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	0	0	0
			1420	882	281	257			
53	m7	155	Total	C	N	O	0	0	0
			1227	764	238	225			

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

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

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

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

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

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

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

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

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
58	N2	100	Total	C	N	O		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 Ubiquitin-40S ribosomal protein S31.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
81	e1	76	Total	C	N	O	S	0	0	0
			608	388	117	99	4			

- Molecule 82 is a protein called UNKNOWN PROTEIN m2.

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

- Molecule 83 is a protein called 60S acidic ribosomal protein P0.

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

- Molecule 84 is a protein called UNKNOWN PROTEIN p1.

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

- Molecule 85 is a protein called UNKNOWN PROTEIN p2.

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

- Molecule 86 is MAGNESIUM ION (three-letter code: MG) (formula: Mg).

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
86	L7	2	Total	Mg	0	0
			2	2		
86	n8	4	Total	Mg	0	0
			4	4		
86	o1	2	Total	Mg	0	0
			2	2		
86	N5	1	Total	Mg	0	0
			1	1		
86	6	145	Total	Mg	0	0
			145	145		
86	sM	2	Total	Mg	0	0
			2	2		
86	O4	1	Total	Mg	0	0
			1	1		
86	m5	4	Total	Mg	0	0
			4	4		
86	l3	2	Total	Mg	0	0
			2	2		
86	M1	1	Total	Mg	0	0
			1	1		
86	d6	1	Total	Mg	0	0
			1	1		
86	2	124	Total	Mg	0	0
			124	124		

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
86	n0	2	Total 2	Mg 2	0	0
86	L4	1	Total 1	Mg 1	0	0
86	l7	1	Total 1	Mg 1	0	0
86	M5	2	Total 2	Mg 2	0	0
86	c9	1	Total 1	Mg 1	0	0
86	S2	2	Total 2	Mg 2	0	0
86	L8	1	Total 1	Mg 1	0	0
86	D3	1	Total 1	Mg 1	0	0
86	o4	1	Total 1	Mg 1	0	0
86	M9	1	Total 1	Mg 1	0	0
86	q0	1	Total 1	Mg 1	0	0
86	SM	1	Total 1	Mg 1	0	0
86	c8	1	Total 1	Mg 1	0	0
86	M0	2	Total 2	Mg 2	0	0
86	c1	2	Total 2	Mg 2	0	0
86	5	507	Total 507	Mg 507	0	0
86	L5	1	Total 1	Mg 1	0	0
86	O7	2	Total 2	Mg 2	0	0
86	Q2	1	Total 1	Mg 1	0	0
86	n9	1	Total 1	Mg 1	0	0
86	1	474	Total 474	Mg 474	0	0

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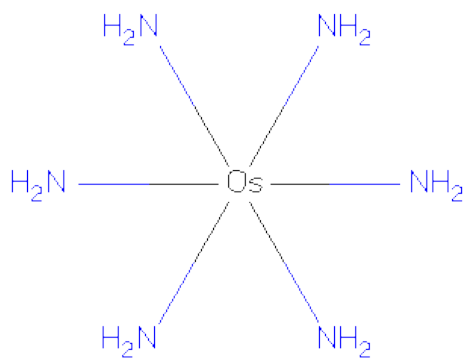
Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
86	n6	2	Total 2	Mg 2	0	0
86	S8	1	Total 1	Mg 1	0	0
86	l2	2	Total 2	Mg 2	0	0
86	d3	2	Total 2	Mg 2	0	0
86	q3	1	Total 1	Mg 1	0	0
86	o3	1	Total 1	Mg 1	0	0
86	M3	3	Total 3	Mg 3	0	0
86	N3	3	Total 3	Mg 3	0	0
86	4	23	Total 23	Mg 23	0	0
86	L2	1	Total 1	Mg 1	0	0
86	m1	1	Total 1	Mg 1	0	0
86	l5	3	Total 3	Mg 3	0	0
86	m7	5	Total 5	Mg 5	0	0
86	M7	5	Total 5	Mg 5	0	0
86	N8	4	Total 4	Mg 4	0	0
86	s1	1	Total 1	Mg 1	0	0
86	m6	1	Total 1	Mg 1	0	0
86	O1	1	Total 1	Mg 1	0	0
86	s8	2	Total 2	Mg 2	0	0
86	c7	2	Total 2	Mg 2	0	0
86	7	15	Total 15	Mg 15	0	0

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
86	n3	2	Total 2	Mg 2	0	0
86	q1	1	Total 1	Mg 1	0	0
86	L3	2	Total 2	Mg 2	0	0
86	d4	1	Total 1	Mg 1	0	0
86	N6	1	Total 1	Mg 1	0	0
86	8	12	Total 12	Mg 12	0	0
86	l4	1	Total 1	Mg 1	0	0
86	M6	1	Total 1	Mg 1	0	0
86	N0	1	Total 1	Mg 1	0	0
86	3	14	Total 14	Mg 14	0	0

- Molecule 87 is osmium (III) hexammine (three-letter code: OHX) (formula: $\text{H}_{12}\text{N}_6\text{Os}$).



Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total 7	N 6	Os 1	0	0

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
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87	2	1	Total	N	Os	0	0
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87	2	1	Total	N	Os	0	0
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87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
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87	2	1	Total	N	Os	0	0
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			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
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			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
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87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
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87	2	1	Total	N	Os	0	0
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87	2	1	Total	N	Os	0	0
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87	2	1	Total	N	Os	0	0
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			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
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			7	6	1		
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			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
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87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
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			7	6	1		
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87	2	1	Total	N	Os	0	0
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87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
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87	2	1	Total	N	Os	0	0
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87	2	1	Total	N	Os	0	0
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87	2	1	Total	N	Os	0	0
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87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
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87	2	1	Total	N	Os	0	0
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87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	2	1	Total 7	N 6	Os 1	0	0
87	2	1	Total 7	N 6	Os 1	0	0
87	2	1	Total 7	N 6	Os 1	0	0
87	2	1	Total 7	N 6	Os 1	0	0
87	2	1	Total 7	N 6	Os 1	0	0
87	2	1	Total 7	N 6	Os 1	0	0
87	2	1	Total 7	N 6	Os 1	0	0
87	2	1	Total 7	N 6	Os 1	0	0
87	2	1	Total 7	N 6	Os 1	0	0
87	2	1	Total 7	N 6	Os 1	0	0
87	2	1	Total 7	N 6	Os 1	0	0
87	S8	1	Total 7	N 6	Os 1	0	0
87	C3	1	Total 7	N 6	Os 1	0	0
87	C5	1	Total 7	N 6	Os 1	0	0
87	C8	1	Total 7	N 6	Os 1	0	0
87	D9	1	Total 7	N 6	Os 1	0	0
87	SR	1	Total 7	N 6	Os 1	0	0
87	1	1	Total 7	N 6	Os 1	0	0
87	1	1	Total 7	N 6	Os 1	0	0
87	1	1	Total 7	N 6	Os 1	0	0
87	1	1	Total 7	N 6	Os 1	0	0

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
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			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
			7	6	1		
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			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	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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			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
			7	6	1		
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			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
			7	6	1		
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	1	1	Total	N	Os	0	0
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87	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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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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87	3	1	Total	N	Os	0	0
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87	3	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	L3	1	Total	N	Os	0	0
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87	L4	1	Total	N	Os	0	0
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87	M0	1	Total	N	Os	0	0
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87	M5	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	M7	1	Total	N	Os	0	0
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87	M8	1	Total	N	Os	0	0
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87	M9	1	Total	N	Os	0	0
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87	N9	1	Total	N	Os	0	0
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87	O2	1	Total	N	Os	0	0
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87	O3	1	Total	N	Os	0	0
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87	O7	1	Total	N	Os	0	0
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87	Q2	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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			7	6	1		
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			7	6	1		
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87	5	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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			7	6	1		
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			7	6	1		
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			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	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		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
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			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	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		
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			7	6	1		
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87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	5	1	Total	N	Os	0	0
			7	6	1		
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			7	6	1		
87	5	1	Total	N	Os	0	0
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87	5	1	Total	N	Os	0	0
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			7	6	1		
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			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
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			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
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			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
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87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
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87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
			7	6	1		
87	5	1	Total	N	Os	0	0
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			7	6	1		
87	7	1	Total	N	Os	0	0
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87	7	1	Total	N	Os	0	0
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87	7	1	Total	N	Os	0	0
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			7	6	1		
87	7	1	Total	N	Os	0	0
			7	6	1		
87	7	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	7	1	Total	N	Os	0	0
			7	6	1		
87	7	1	Total	N	Os	0	0
			7	6	1		
87	7	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
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87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
			7	6	1		
87	8	1	Total	N	Os	0	0
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87	8	1	Total	N	Os	0	0
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87	8	1	Total	N	Os	0	0
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87	8	1	Total	N	Os	0	0
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87	8	1	Total	N	Os	0	0
			7	6	1		
87	13	1	Total	N	Os	0	0
			7	6	1		
87	13	1	Total	N	Os	0	0
			7	6	1		
87	14	1	Total	N	Os	0	0
			7	6	1		
87	14	1	Total	N	Os	0	0
			7	6	1		

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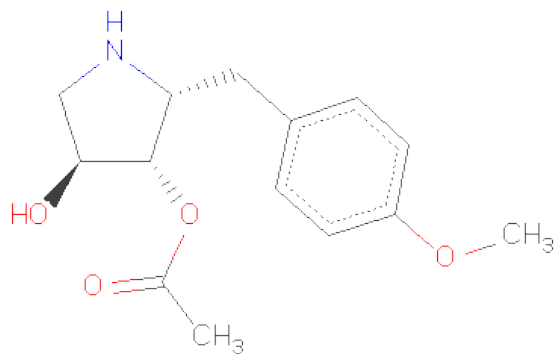
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	l5	1	Total	N	Os	0	0
			7	6	1		
87	l5	1	Total	N	Os	0	0
			7	6	1		
87	l9	1	Total	N	Os	0	0
			7	6	1		
87	m0	1	Total	N	Os	0	0
			7	6	1		
87	m0	1	Total	N	Os	0	0
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87	m1	1	Total	N	Os	0	0
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87	m4	1	Total	N	Os	0	0
			7	6	1		
87	m5	1	Total	N	Os	0	0
			7	6	1		
87	m6	1	Total	N	Os	0	0
			7	6	1		
87	m7	1	Total	N	Os	0	0
			7	6	1		
87	m8	1	Total	N	Os	0	0
			7	6	1		
87	n3	1	Total	N	Os	0	0
			7	6	1		
87	n9	1	Total	N	Os	0	0
			7	6	1		
87	o2	1	Total	N	Os	0	0
			7	6	1		
87	o3	1	Total	N	Os	0	0
			7	6	1		
87	o7	1	Total	N	Os	0	0
			7	6	1		
87	o9	1	Total	N	Os	0	0
			7	6	1		
87	q2	1	Total	N	Os	0	0
			7	6	1		

- Molecule 88 is ZINC ION (three-letter code: ZN) (formula: Zn).

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

- Molecule 89 is ANISOMYCIN (three-letter code: ANM) (formula: C₁₄H₁₉NO₄).

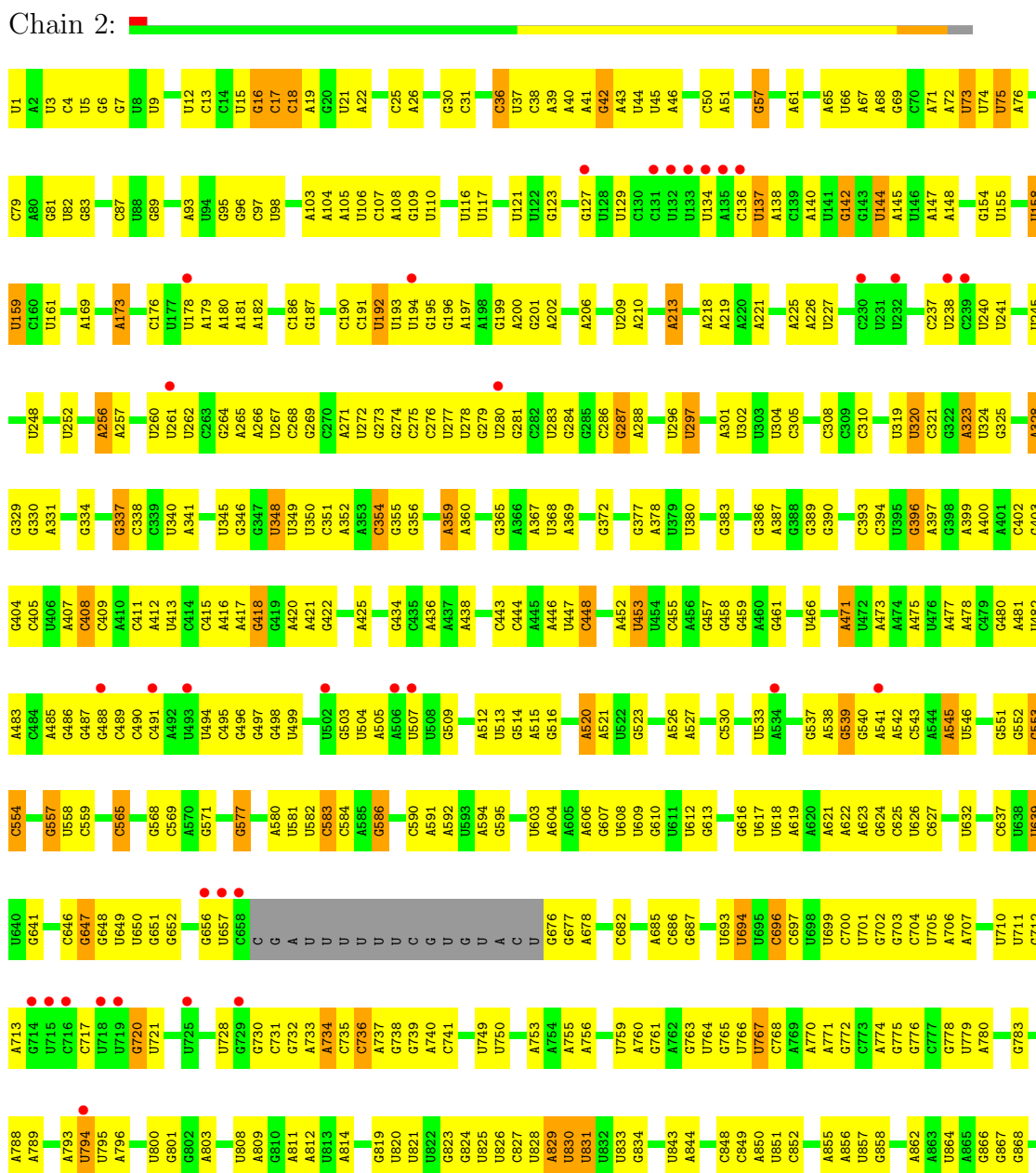


Mol	Chain	Residues	Atoms				ZeroOcc	AltConf
			Total	C	N	O		
89	1	1	19	14	1	4	0	0
89	5	1	19	14	1	4	0	0

3 Residue-property plots

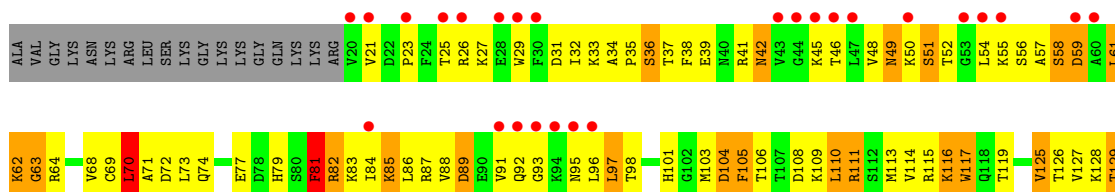
These plots are drawn for all protein, RNA and DNA chains in the entry. The first graphic for a chain summarises the proportions of errors displayed in the second graphic. The second graphic shows the sequence view annotated by issues in geometry and electron density. Residues are color-coded according 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.

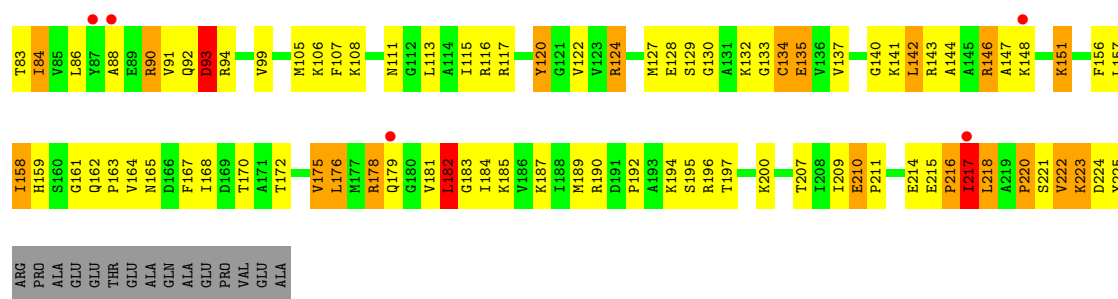
• Molecule 1: 18S rRNA





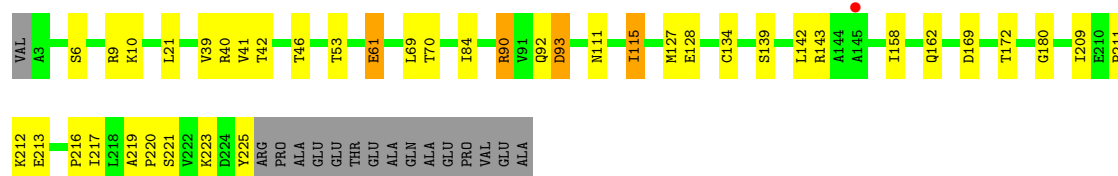
A1475	G1383	G1299	A1217	G130	U1044	C982	G877	U805	G723	G647	G564	C489	C414	G337	A247
A1478	A1384	A1300	G1218	G130	C1045	A963	G876	U808	C724	G648	C565	C490	C415	C338	A250
A1479	G1386	G1304	A1219	A1131	G1048	A967	C880	A809	U727	U650	C566	C491	A416	C339	C250
G1480	G1387	U1305	A1220	C1132	U1049	A973	A881	A812	U728	G651	C568	U493	A417	C343	U255
C1481	A1388	C1306	A1227	C1134	G1050	A976	A884	U813	G729	G652	C569	U494	G418	U350	U256
C1482	C1389	A1312	A1228	U1135	U1136	G976	G885	A814	G730	C553	A570	C495	A420	A257	A257
U1489	U1392	C1316	G1229	U1055	U1054	A977	U886	A814	A733	C554	C571	C496	A421	C351	C263
C1490	C1393	C1230	A1230	U1058	U1059	A978	A887	G819	C735	G655	G572	U498	G423	A352	C263
U1491	C1394	U1231	U1231	U1060	U1061	A979	U888	U820	C736	G657	G573	U501	G424	A353	A266
A1492	G1395	U1234	A1234	U1144	U1145	G980	U884	U821	A737	G658	G574	C500	A425	C354	U267
A1493	U1396	C1235	C1235	U1145	U1146	U981	G895	U822	G738	C559	G575	U502	G427	G357	A271
C1494	U1397	A1236	G1237	C1066	C1067	U982	G901	U823	U748	G660	G576	C501	A428	U358	U272
G1498	U1398	G1237	A1237	C1068	C1069	G986	G902	G823	U749	U662	G577	C502	A429	A359	A272
G1499	C1399	A1238	A1238	C1068	C1069	G987	A906	G824	U750	U663	G578	A505	C431	A360	C276
A1400	U1400	U1239	U1239	C1068	C1069	A988	A907	U825	U751	U664	G579	A506	G432	G362	C276
G1401	A1401	U1240	U1240	U1071	U1072	U989	U908	U826	G751	U665	G580	C509	C433	G363	U278
G1402	C1402	G1241	G1241	C1071	C1072	G990	U909	C827	A752	U666	G581	C510	C434	C364	G281
A1403	C1403	A1242	A1242	C1072	C1073	G991	C910	U828	A753	U667	G582	C511	C435	G365	G282
G1504	U1423	G1243	G1243	G1073	G1074	A992	C911	U829	A754	U668	G583	C512	A436	A366	U283
A1505	A1424	G1244	G1244	G1074	G1075	G993	G913	U830	A755	U669	G584	C513	A437	U368	U283
U1508	U1425	G1245	G1245	C1075	C1076	G994	G914	U831	A756	U670	G585	C514	C443	A369	G291
U1509	A1426	C1246	C1246	C1076	C1077	A1000	G915	U832	A757	G	G586	C515	C444	A370	U292
U1510	G1428	G1150	G1150	C1077	C1078	A1001	A915	U833	U758	G	G587	C516	C445	G371	U297
G1511	G1429	A1151	A1151	C1078	C1079	G1002	U916	U836	U759	A594	G588	C517	U447	U374	U297
G1512	U1430	G1152	G1152	C1079	C1080	A1003	U917	U837	A760	G595	G589	C518	C448	U375	A300
G1513	C1431	C1160	C1160	U1080	U1081	U1004	U918	G838	G761	G596	G590	C519	C449	A376	A301
U1514	U1432	G1167	G1167	U1081	U1082	A1005	U919	C838	A762	G597	G591	C520	C450	A377	C305
A1515	G1433	C1171	C1171	C1082	C1083	C1006	G922	U841	G763	G598	G600	C521	C451	A378	C308
A1516	U1434	G1172	G1172	G1083	G1084	G1010	G923	C842	U764	G599	U600	C522	C452	C381	C309
U1517	A1435	C1173	C1173	U1084	U1085	G1011	A923	U843	G765	A678	U601	C523	C453	C382	C310
G1518	A1436	C1174	C1174	C1085	C1086	G1012	A924	U844	U766	U679	U603	C524	C454	G383	C308
U1437	U1437	G1175	G1175	U1086	U1087	C1013	C927	G845	U767	U680	A604	C525	C455	G384	C309
G1521	U1442	C1176	C1176	C1087	C1088	G1014	A925	G846	U768	U681	G607	C526	C456	G385	C310
U1522	A1443	G1177	G1177	U1088	U1089	U1015	A926	G847	A769	C682	U608	C527	C457	A387	U313
G1523	A1444	C1178	C1178	U1089	U1090	C1016	C928	U848	A770	C683	U609	C528	C458	G388	C314
A1525	G1445	G1179	G1179	U1090	U1091	G1017	A930	G849	C773	C684	G610	C529	C459	G389	A315
U1526	U1446	U1180	U1180	U1091	U1092	U1018	C934	U850	C774	U694	A619	C530	C460	A401	U324
G1533	G1448	C1181	C1181	U1092	U1093	A1019	U935	U851	C775	U695	A620	C531	C461	A402	G325
U1534	U1449	U1182	U1182	U1093	U1094	C1020	U936	C852	G776	U696	A621	C532	C462	G403	C329
U1535	U1450	A1183	A1183	U1094	U1095	C1021	U937	C853	G777	U697	A622	C533	C463	A403	G330
G1536	C1451	U1184	U1184	U1096	U1097	C1022	G938	G854	U778	C696	A623	C534	C464	A404	U332
U1537	U1452	U1185	U1185	U1098	U1099	A1025	C939	G855	U779	C697	A624	C535	C465	A405	G331
U1538	G1455	C1190	C1190	U1099	U1100	G1026	A941	G856	A780	C698	A625	C536	C466	A406	U333
G1539	U1456	U1191	U1191	U1100	U1101	A1030	U942	U857	U781	C700	A626	C537	C467	A407	U334
G1540	C1457	A1196	A1196	U1101	U1102	U1031	U943	A862	U782	U701	U627	C538	C468	A408	G335
U1541	U1458	G1197	G1197	U1102	U1103	G1032	U944	A863	A783	U702	G628	C539	C469	A409	U336
G1542	G1459	G1198	G1198	U1103	U1104	C1033	U945	U864	U784	C703	U629	C540	C470	A410	U337
U1543	U1460	U1199	U1199	U1104	U1105	C1034	A952	G867	U785	C704	G631	C541	C471	A411	A333
A1545	C1461	G1200	G1200	U1105	U1106	G1035	U953	G868	U786	U715	G632	C542	C472	A412	G334
U1546	U1462	G1201	G1201	U1106	U1107	C1036	U954	G869	U787	C716	G633	C543	C473	A413	U335
G1548	C1463	A1202	A1202	U1107	U1108	C1037	U955	G870	U788	U716	G634	C544	C474	A414	G336
C1376	U1375	U1203	U1203	U1108	U1109	C1038	U956	G871	U789	C717	G635	C545	C475	A415	U337
U1471	U1471	C1207	C1207	U1109	U1110	A1039	U957	G872	U790	C718	A636	C546	C476	A416	U338
U1472	C1472	G1212	G1212	U1110	U1111	G1040	U958	U873	U791	C719	G637	C547	C477	A417	U339
G1473	U1473	U1213	U1213	U1111	U1112	G1041	U959	G874	U792	C720	G638	C548	C478	A418	U340
U1474	G1474	G1214	G1214	U1112	U1113	G1042	U960	G875	U793	C721	G639	C549	C479	A419	U341
U1475	U1475	U1215	U1215	U1113	U1114	G1043	U961	G876	U794	C722	G640	C550	C480	A420	U342





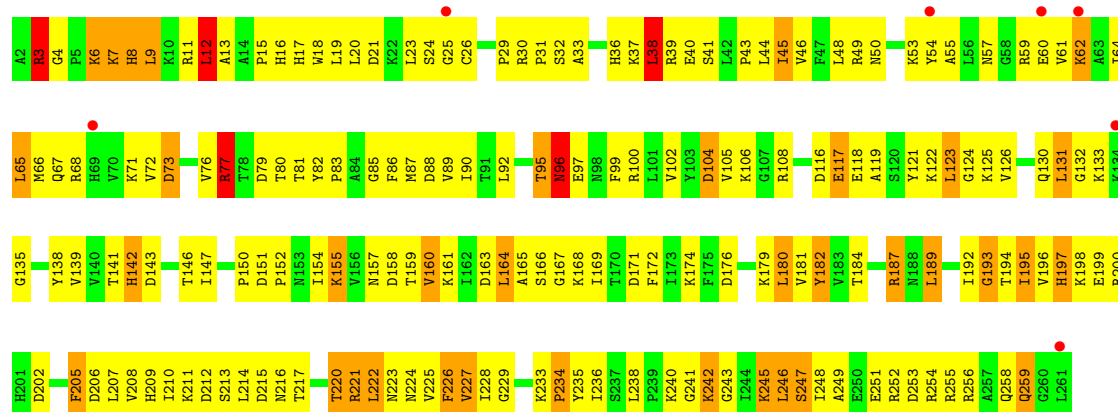
• Molecule 5: 40S ribosomal protein S3

Chain s3:



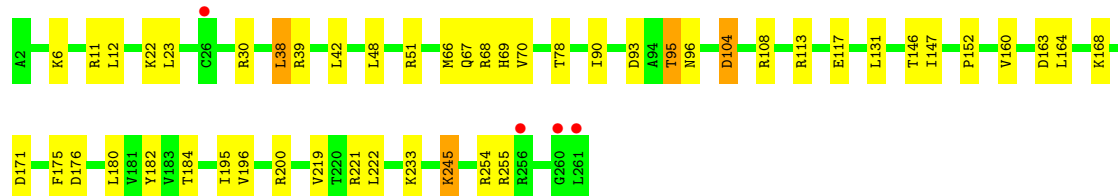
• Molecule 6: 40S ribosomal protein S4-A

Chain S4:



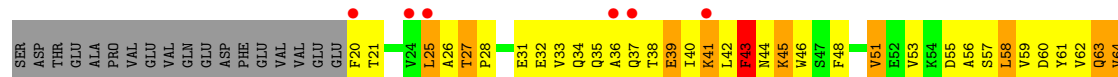
• Molecule 6: 40S ribosomal protein S4-A

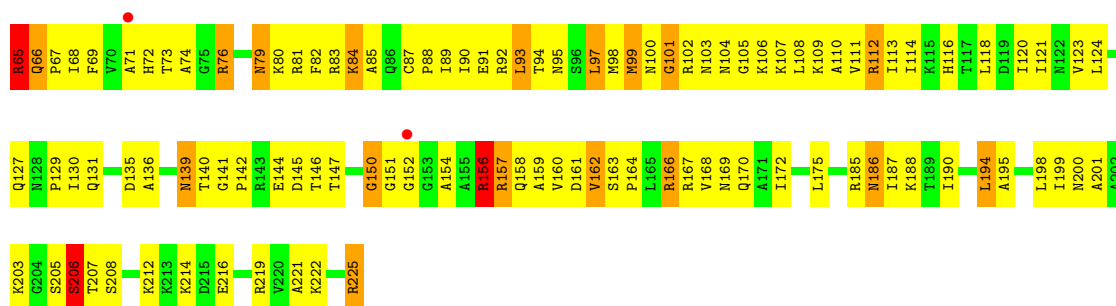
Chain s4:



• Molecule 7: 40S ribosomal protein S5

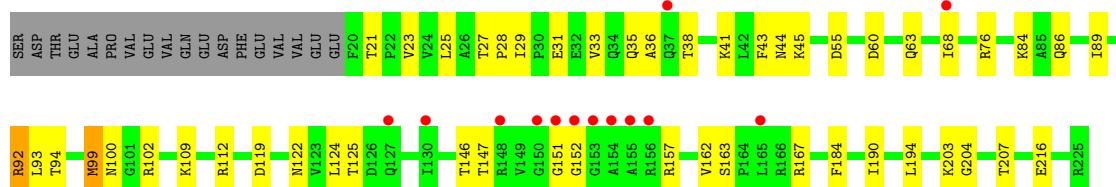
Chain S5:





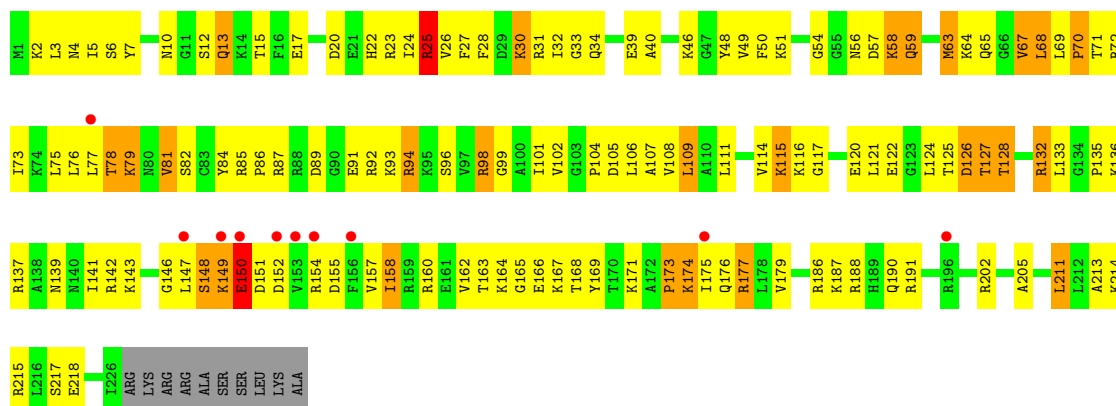
• Molecule 7: 40S ribosomal protein S5

Chain s5:



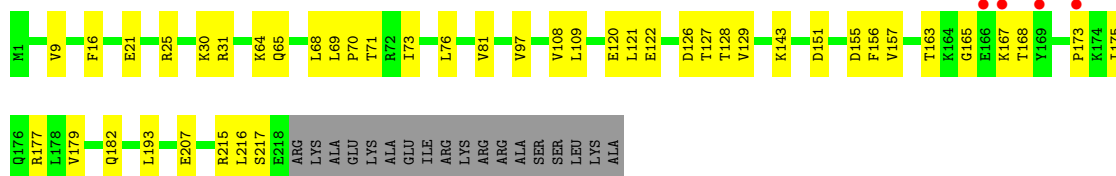
• Molecule 8: 40S ribosomal protein S6-A

Chain S6:



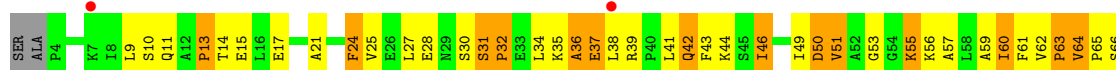
• Molecule 8: 40S ribosomal protein S6-A

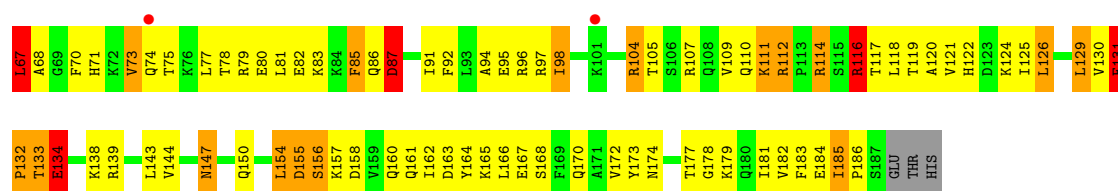
Chain s6:



• Molecule 9: 40S ribosomal protein S7-A

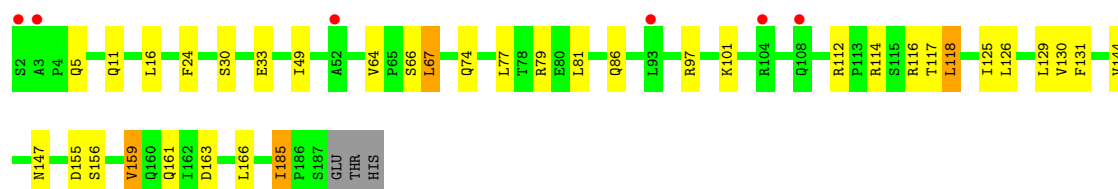
Chain S7:





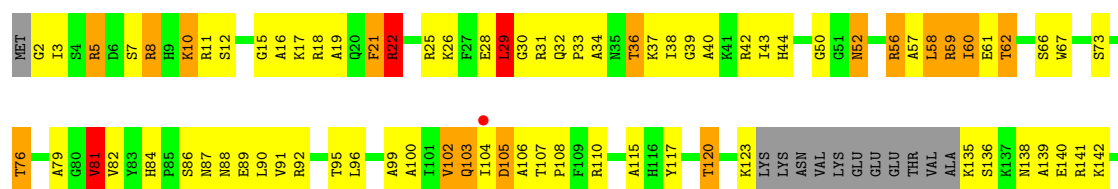
• Molecule 9: 40S ribosomal protein S7-A

Chain s7:



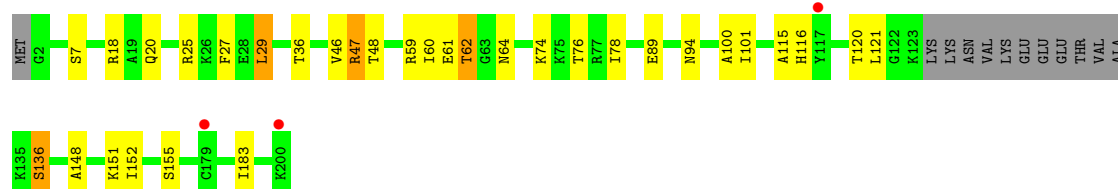
• Molecule 10: 40S ribosomal protein S8-A

Chain S8:



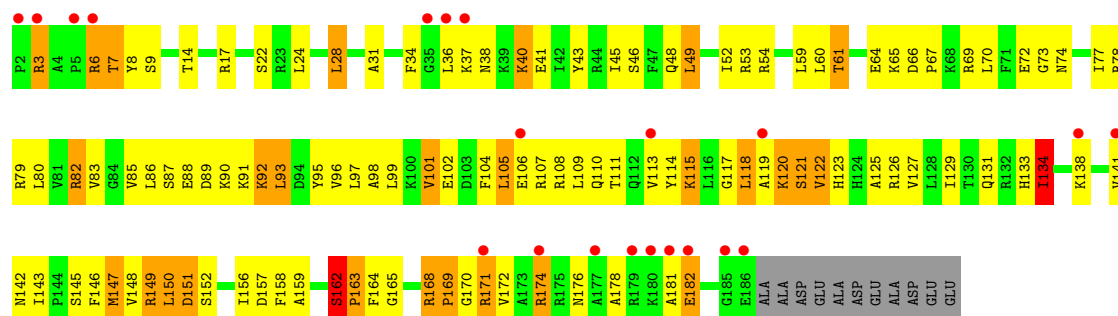
• Molecule 10: 40S ribosomal protein S8-A

Chain s8:

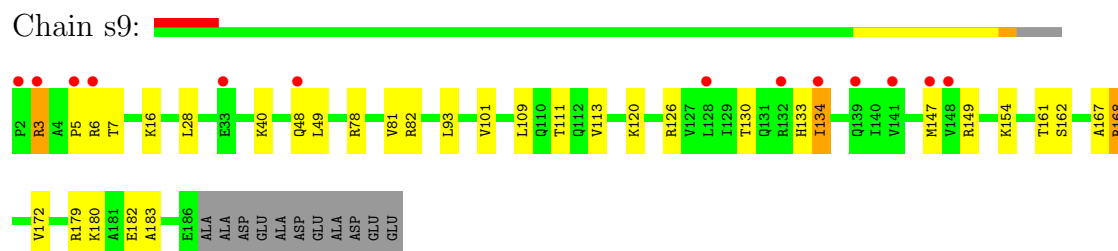


• Molecule 11: 40S ribosomal protein S9-A

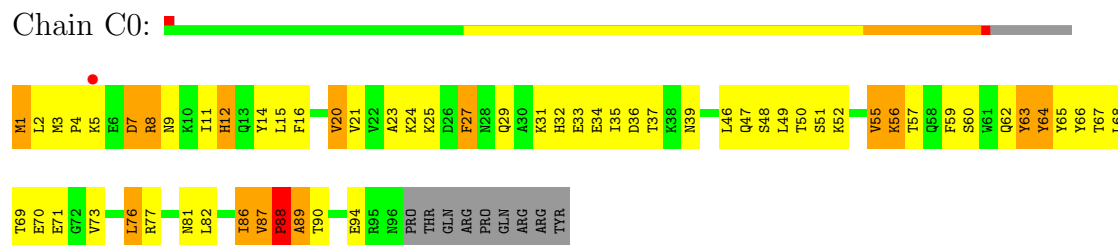
Chain S9:



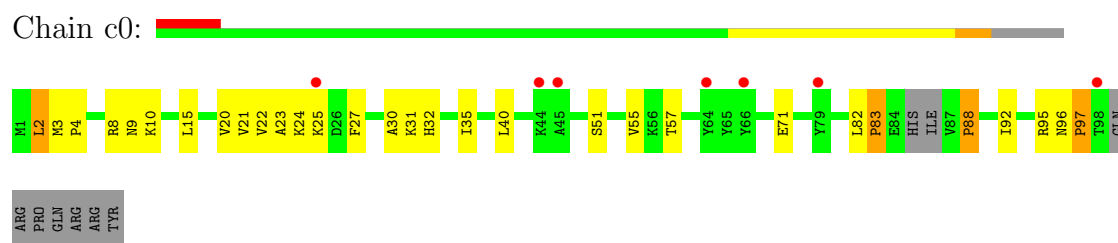
- Molecule 11: 40S ribosomal protein S9-A



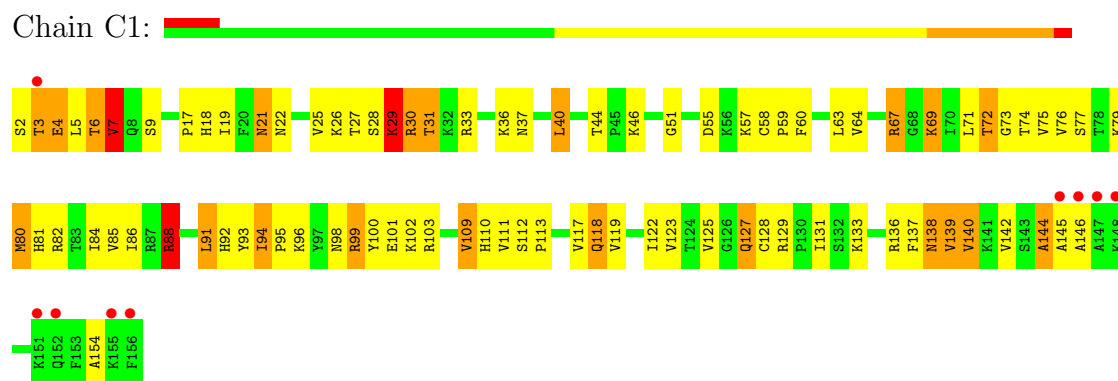
- Molecule 12: 40S ribosomal protein S10-B



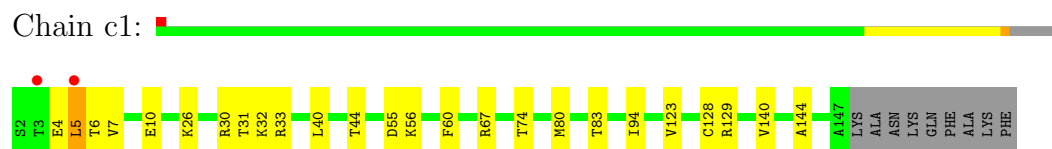
- Molecule 12: 40S ribosomal protein S10-B



- Molecule 13: 40S ribosomal protein S11-A



- Molecule 13: 40S ribosomal protein S11-A



- Molecule 14: 40S ribosomal protein S12





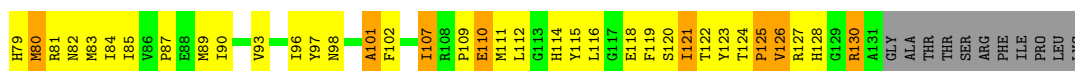
- Molecule 16: 40S ribosomal protein S14-A

Chain c4:



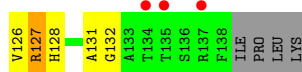
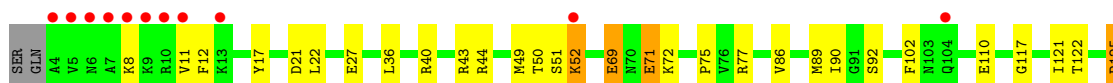
- Molecule 17: 40S ribosomal protein S15

Chain C5:



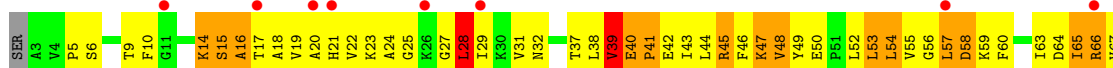
- Molecule 17: 40S ribosomal protein S15

Chain c5:



- Molecule 18: 40S ribosomal protein S16-A

Chain C6:



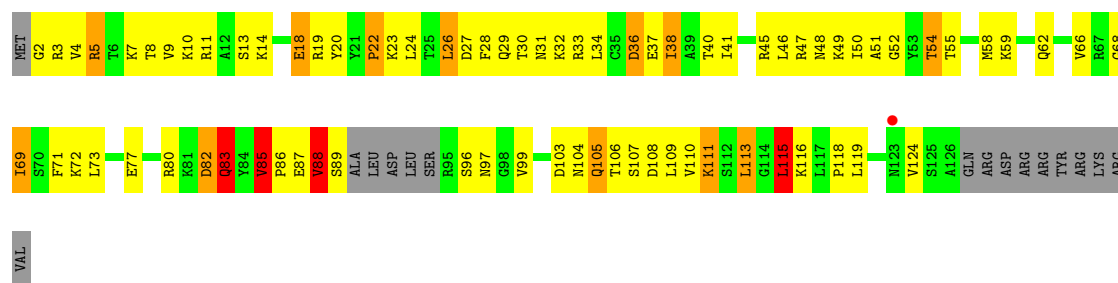
- Molecule 18: 40S ribosomal protein S16-A

Chain c6:



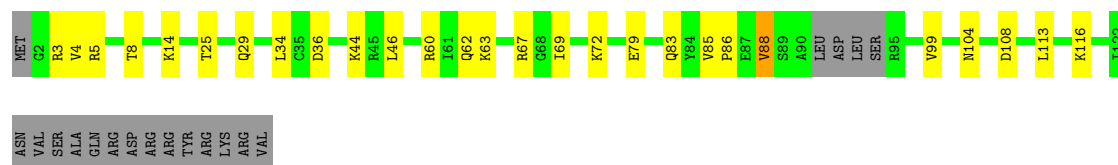
- Molecule 19: 40S ribosomal protein S17-A

Chain C7:



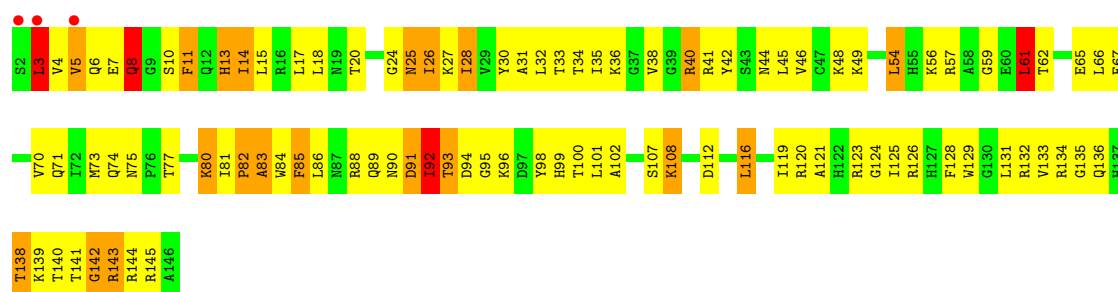
- Molecule 19: 40S ribosomal protein S17-A

Chain c7:



- Molecule 20: 40S ribosomal protein S18-A

Chain C8:



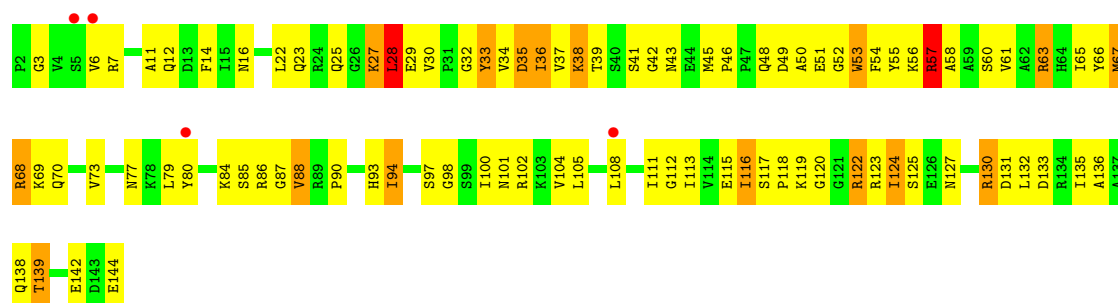
- Molecule 20: 40S ribosomal protein S18-A

Chain c8:



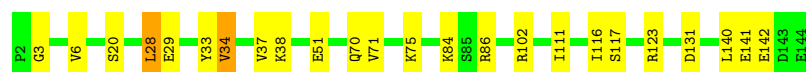
- Molecule 21: 40S ribosomal protein S19-A

Chain C9:



- Molecule 21: 40S ribosomal protein S19-A

Chain c9: 



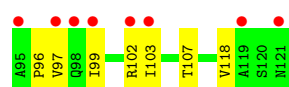
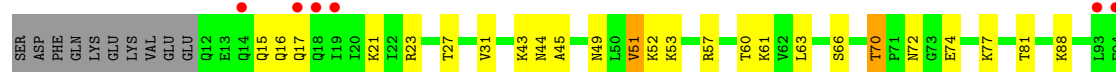
- Molecule 22: 40S ribosomal protein S20

Chain D0: 



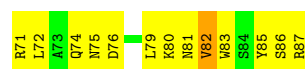
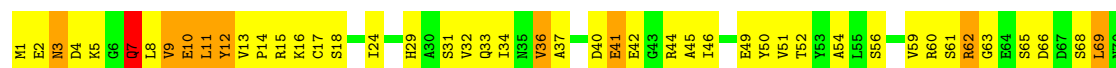
- Molecule 22: 40S ribosomal protein S20

Chain d0: 



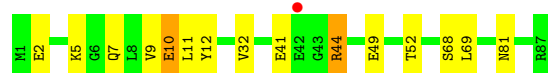
- Molecule 23: 40S ribosomal protein S21-A

Chain D1: 



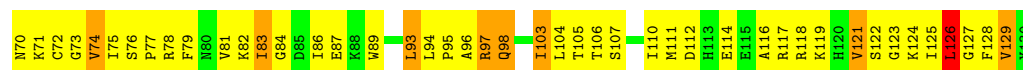
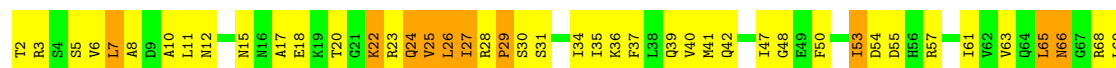
- Molecule 23: 40S ribosomal protein S21-A

Chain d1: 



- Molecule 24: 40S ribosomal protein S22-A

Chain D2: 



- Molecule 24: 40S ribosomal protein S22-A

- Molecule 25: 40S ribosomal protein S23-A

- Molecule 25: 40S ribosomal protein S23-A

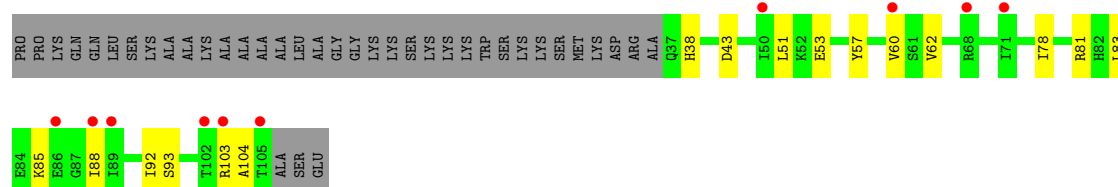
- Molecule 26: 40S ribosomal protein S24-A

- Molecule 26: 40S ribosomal protein S24-A

- Molecule 27: 40S ribosomal protein S25-A

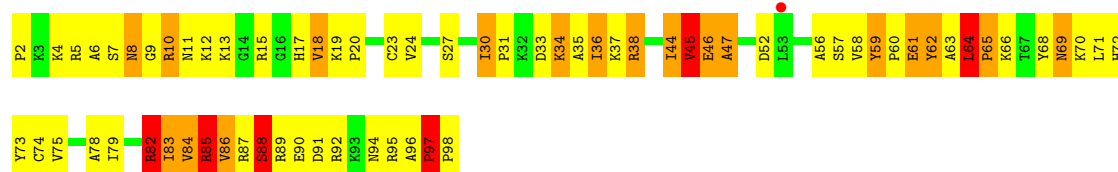
- Molecule 27: 40S ribosomal protein S25-A

Chain d5:



- Molecule 28: 40S ribosomal protein S26-B

Chain D6:



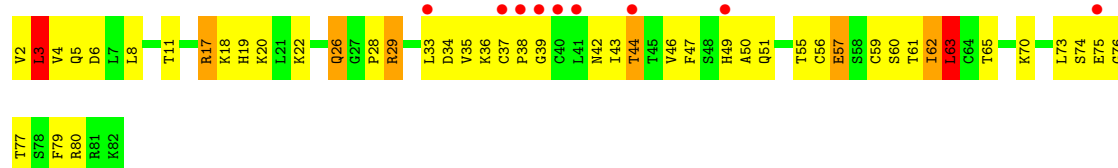
- Molecule 28: 40S ribosomal protein S26-B

Chain d6:



- Molecule 29: 40S ribosomal protein S27-A

Chain D7:



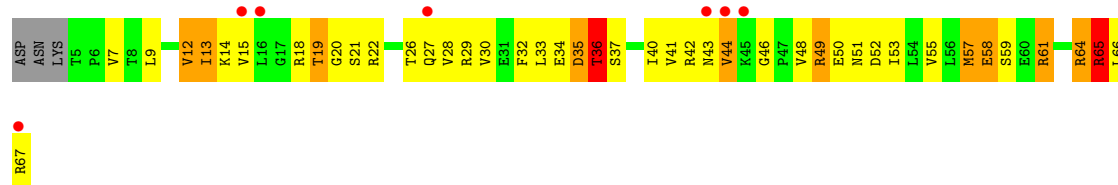
- Molecule 29: 40S ribosomal protein S27-A

Chain d7:



- Molecule 30: 40S ribosomal protein S28-A

Chain D8:



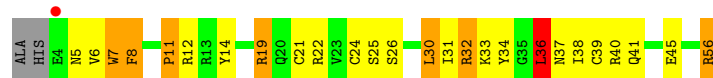
- Molecule 30: 40S ribosomal protein S28-A

Chain d8: 



- Molecule 31: 40S ribosomal protein S29-A

Chain D9: 



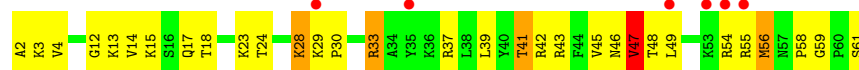
- Molecule 31: 40S ribosomal protein S29-A

Chain d9: 



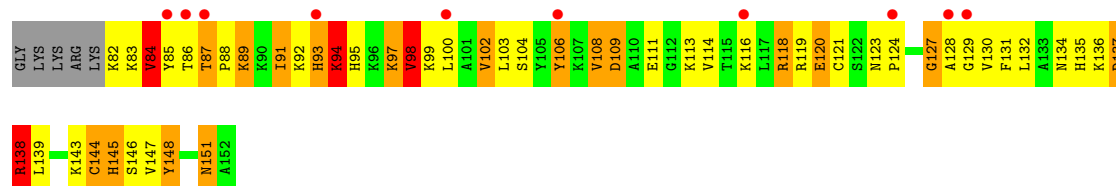
- Molecule 32: 40S ribosomal protein S30-A

Chain E0: 



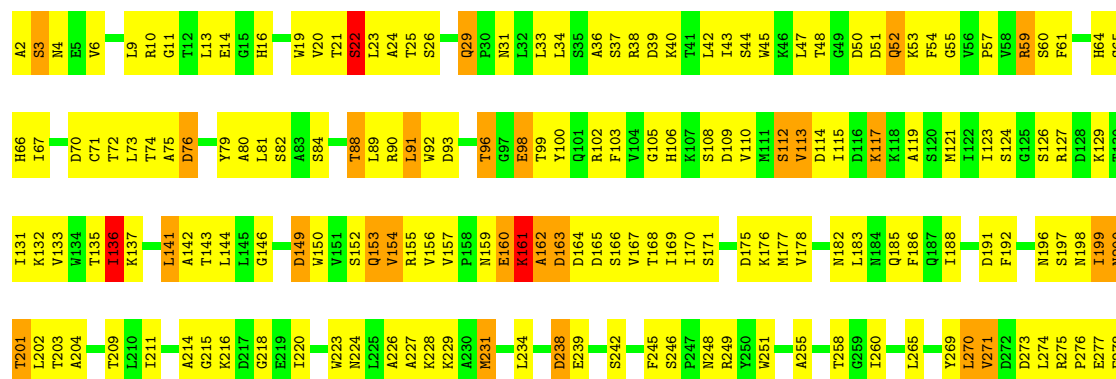
- Molecule 33: Ubiquitin-40S ribosomal protein S31

Chain E1: 



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

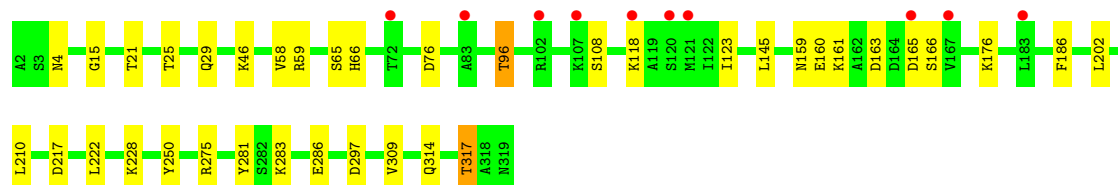
Chain SR: 





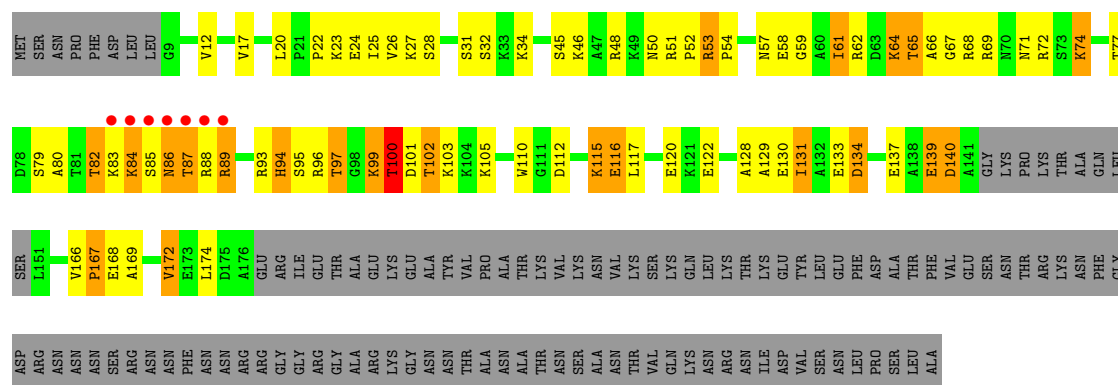
• Molecule 34: Guanine nucleotide-binding protein subunit beta-like protein

Chain sR:



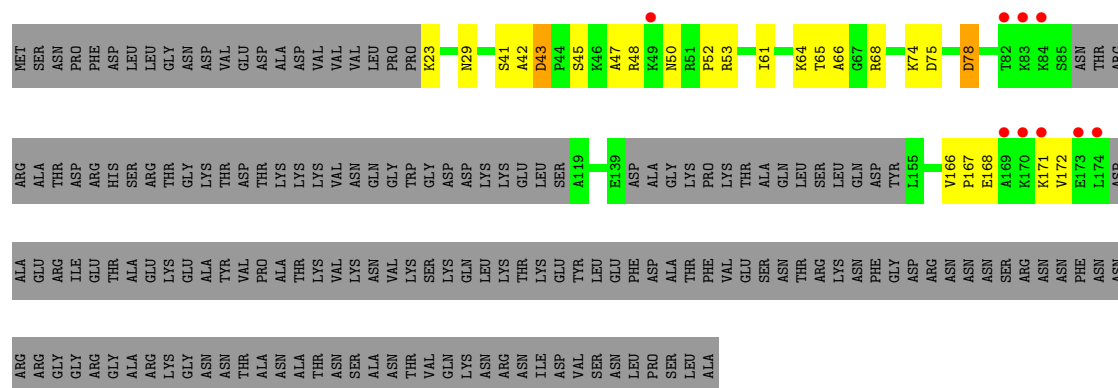
• Molecule 35: Suppressor protein STM1

Chain SM:



• Molecule 35: Suppressor protein STM1

Chain sM:



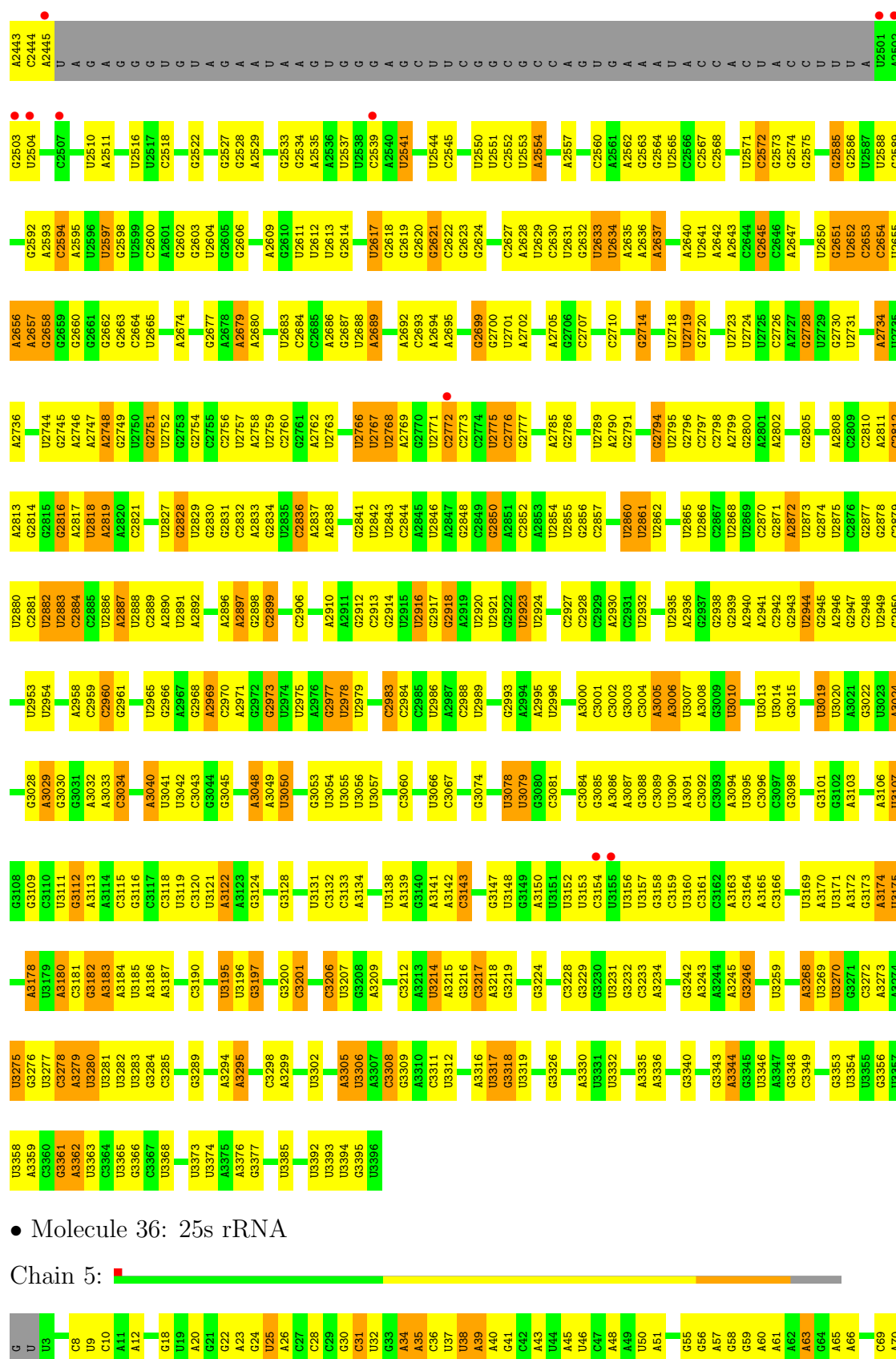
• Molecule 36: 25s rRNA

Chain 1:



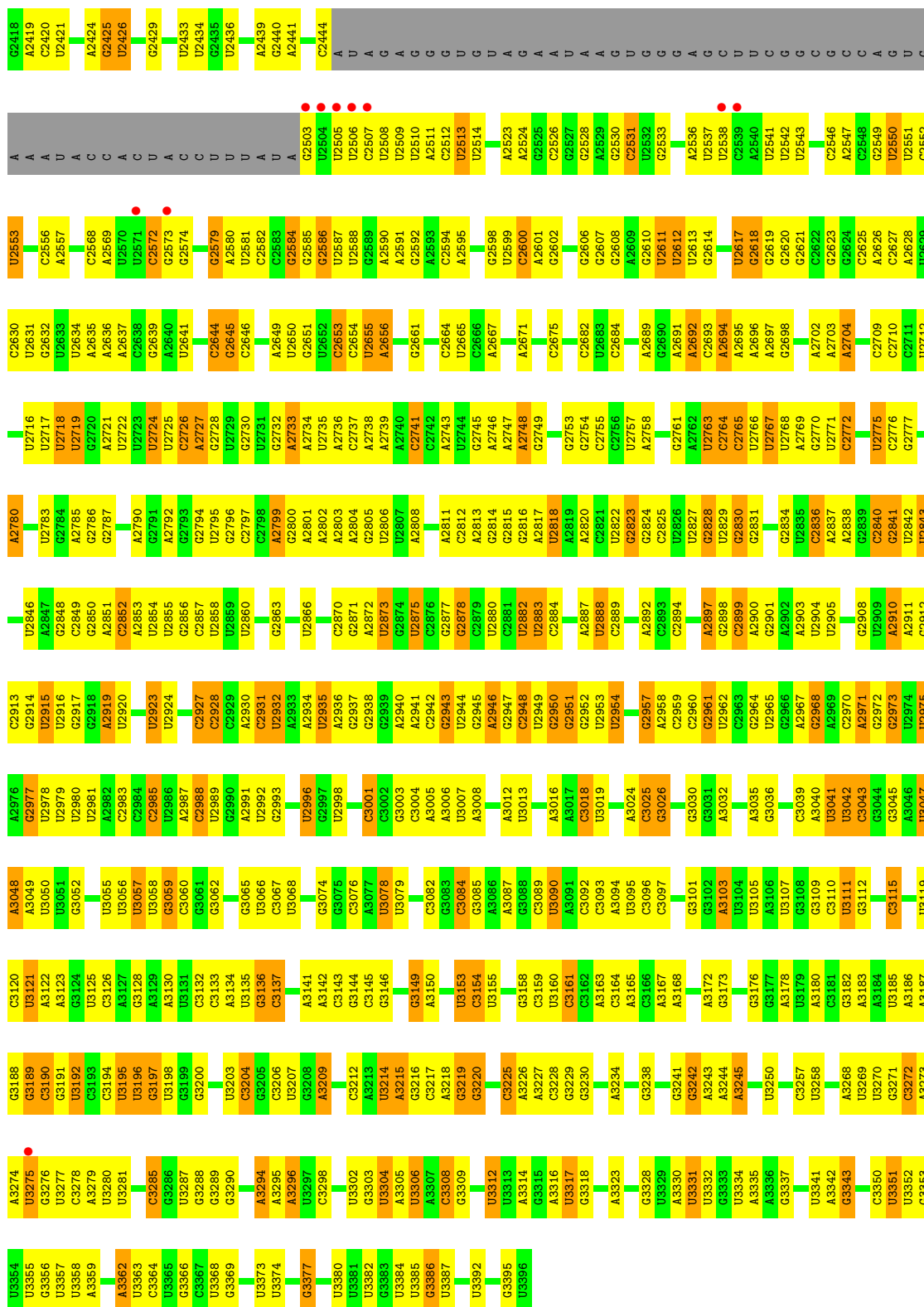
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C1175	U1110	C1031	C958	U897	U821	A744	A672	G609	A529	C	A391	C232	G156	C81
C1176	U1111	C1032	C959	U898	C824	U748	G676	G610	G530	U	U392	C233	A157	C82
G1177	A1112	U1033	U960	U899	G829	C749	A677	A611	U534	U	G394	G239	A159	A85
G1178	G1113	U1034	C961	G900	U829	G754	U678	U612	U535	G	A395	U240	G160	A86
A1179	U1114	G1035	A962	U903	A830	U754	U679	G613	G536	U	A396	G241	G171	U87
A1180	G1115	U1039	G963	A904	G831	A761	G680	G616	U537	G	A397	U249	G172	A88
C1183	C1117	A1040	A965	U906	G832	G765	U681	U619	G538	G	A398	U250	G173	A89
G1186	C1119	U1042	A967	G907	G835	U766	U682	A619	C539	U	A399	C174	C174	C90
C1187	A1120	U1043	G968	G908	A836	U767	G684	U620	U540	A	G400	U251	C175	G91
U1188	U1121	U1044	C969	G909	A837	U768	G685	A621	U541	G	U401	G252	G176	G92
U1191	U1122	A1045	A970	G910	G838	C769	G686	U624	G542	G	G406	G256	U177	G93
C1192	G1123	U1046	G971	G912	G839	G770	G688	G625	C543	G	A407	U178	U178	G94
A1193	U1124	A1047	A972	G913	C840	A771	U689	U626	C544	G	A408	U179	C179	A95
G1194	G1127	A1048	A973	A914	A843	U772	U690	U627	U545	A	A409	U181	C180	G96
A1195	C975	U1051	G974	A915	A846	G773	U694	A628	C546	U	U410	U182	U182	U97
C1196	U976	U1052	C975	A916	A847	U776	C694	U629	G547	C	U411	A265	U183	G98
A1197	A1130	A1053	U979	C917	A848	U779	C695	A630	U549	U	G412	A266	G183	A99
C1198	G1131	U1056	U980	C918	U850	G780	C696	U631	C549	C	U413	G267	U184	A100
G1199	C1132	U1056	U981	C919	U851	G781	C697	G632	A551	U	U414	A268	C185	G101
A1200	A1133	A1062	C982	A920	U852	G782	C698	C533	G552	C	A344	G269	U186	C102
C1201	C1136	G1063	U985	C922	U853	G783	C699	C534	U553	A	A418	C271	U188	G103
A1204	U1137	A1064	U986	C923	G854	G784	C700	G635	A554	U	G419	G272	G189	G104
G1206	U1138	A1065	U990	C924	U855	G785	C702	C636	A557	U	A349	G273	A190	C105
G1207	G1141	U1069	G991	A926	G860	G786	U704	C637	U566	U	C350	G274	U191	A106
A1210	A1143	U1071	A997	C928	C863	G787	A706	U640	C562	C	G425	G277	U196	A107
A1211	U1144	G1072	A998	A929	G864	G788	A706	C641	U563	U	G426	U278	G196	A108
A1212	G1145	U1073	G999	U930	U865	U790	A709	U642	U565	G	C427	U279	A199	C111
G1213	C1146	U1078	C1000	C931	A866	G791	A710	G644	G566	U	C435	U280	C200	U112
G1222	G1147	A1079	G1001	U932	G867	G792	A711	A645	C573	U	A436	G281	A201	A114
C1227	G1148	A1080	A1002	A933	C868	C793	G714	A646	U573	U	G437	G282	G206	A115
G1228	G1149	U1081	A1003	G934	G869	U797	A715	A647	C577	U	A438	G283	U207	A116
G1229	U1151	G1083	G1005	U935	G870	G798	A716	A649	A578	U	C439	A284	C208	U117
G1230	G1152	U1087	A1009	C937	U871	G799	C717	A649	G579	U	U440	U286	A209	U118
A1231	A1153	U1087	G1010	C938	C873	G800	G718	G651	C503	U	G	G287	U210	U119
C1232	C1155	G1090	G1013	G941	G878	C802	U719	G652	U504	U	U	C288	A211	G120
G1233	G1156	C1091	U1014	U942	U879	G805	G721	C654	U507	U	U	A289	G212	A121
G1234	G1157	C1092	U1015	U943	G880	A806	G722	C655	U508	U	U	G290	A213	A122
U1235	A1158	U1093	C1016	C944	C881	A807	U727	A657	G584	U	U	C291	G215	A123
G1236	A1159	U1094	C1017	C945	A882	A808	G728	G658	G589	U	U	U292	G216	U129
G1237	C1160	U1095	C1018	U946	A883	G809	C729	G659	G590	U	U	A295	U217	A130
C1238	G1164	G1097	G1019	G947	U884	A810	C730	A660	U514	U	U	A296	G218	C131
G1239	A1165	C1098	U1020	U948	U885	G812	A735	U662	U516	U	U	G299	A221	C132
U1241	G1166	A1099	G1021	C949	U886	G813	A736	G663	G517	C	C379	C300	C142	U133
G1242	U1167	U1100	G1024	G950	A888	U814	G737	U664	U520	U	U	G304	G304	G143
A1244	A1168	G1101	A1025	A951	U889	G815	A738	U667	A521	U	U	U305	C225	G148
A1245	A1170	A1102	A1026	A952	C890	G816	G739	U668	A522	U	U	A306	G226	U149
G1246	G1171	G1103	A1027	G953	C893	A817	G740	U669	A523	U	U	A307	U228	U153
U1247	G1172	U1028	U1028	U955	G894	C818	U741	U669	U524	G	U	U309	G229	U153

G2371	A2295	A2149	G	U	G	U1876	G1796	U1687	G1592	G1521	U1457	U1388	G1323	A1261
A2372	A2296	G2150	G	U	G	U1877	A1797	U1688	U1592	U1522	U1458	G1389	U1324	
A2373	U2297	C2151	G	G	C	A1878	A1798	U1689	U1595	U1523	A1459	G1390	U1325	C1265
	U2298	A2152	C	C	C	A1879	A1799	U1690	C1596		A1460	C1391	U1326	G1266
G2376	A2299	U2153	C	U	C	A1886	A1804	A1696	C1597	U1526	G1464	A1393	C1328	A1260
G2377	A2300	U2154	A	A	C	A1887	C1805	U1703	C1598	C1527	A1465	A1394	U1329	G1261
G2378	U2301	C2155	C	C	C	U1888	A1806	U1704	C1599	G1528	A1466	G1395	U1330	G1262
U2379	G2302	C2156	U	A	U	U1889	G1807	G1712	A1603	C1532	A1467	C1396	A1331	
U2380		G2157	A	A	G	G1890	A1808		G1604	U1533	A1468	C1397	A1332	
G2381			U	U	C	G1892	A1809	A1715	A1605		U1472		G1264	
G2382		U2162	U	U	U			U1716						
C2383	G2307	G2165	A	A	G	G1898	U1815		A1539	U1539	U1469	G1400	C1335	G1268
A2384	C2308	A2166	C	C	C	G1899	A1816	G1719	C1608	U1540	U1470	A1401	U1336	U1289
G2385	A2309	G2167	A	A	A	G1900	G1817	U1720	C1609	G1541	U1471	C1402	A1337	
	U2310	A2168	C	C	C	A1901	U1818	U1721	A1613			C1403	C1338	A1270
C2389	G2314	G2169	G	G	C	U1902	U1819	U1722	C1614	G1544	U1476	G1404	C1339	A1271
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G2391	G2316	A2171	C	C	C	G1905	U1821	U1724	C1616	G1546	C1478	A1406	U1341	A1273
C2392	U2317	C2172	C	C	C	G1906	C1822	C1725	G1618	C1548	U1479	A1407	G1342	A1274
G2393		U2173	U	U	U	C1907		G1726	A1619		U1480	G1408		G1275
G2394	C2322	U2176	G	G	G	A1908	C1826	G1727	C1551	C1552	A1481	G1409	G1345	U1276
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A2397		A2178	G	G	G	A1910		U1731	U1620	U1554	G1483	G1413	U1347	U1278
A2398			U	U	C	A1911	G1830	U1732	C1631	U1555	U1484	G1416	G1349	C1279
A2399			U	U	C	A1912	U1831	G1733	A1632	U1556	G1485	A1350	A1280	
G2400	C2333	A2182	A	A	C	U1915	C1832	G1734	C1633		G1486	A1351	A1350	G1281
A2401	U2334	U2184	C	C	C	U1916	U1833	U1739	G1634		G1487	U1351	U1352	G1282
A2402	G2335	U2185	A	A	C	C1917	U1834	U1740	G1635	A1559	U1488	A1352	G1283	
G2403		U2186	C	U	C	C1918	A1835	U1741	G1636	G1560	A1489	U1353	G1284	G1285
A2404		U2187	C	U	C	G1919	C1836	U1742	A1637	G1561	A1490	U1354	A1286	
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C2406	C2339		C	C	C	U1921	G1838	G1744	C1639	C1563	G1492	U1424	U1356	
U2407	U2340	C2192	U	U	C	U1922	A1841		A1642	U1564	G1493	U1425		
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U2410	G2343	U2199	U	U	C	G1927	A1843		C1644	U1567	U1495	A1429	G1362	G1295
U2411	U2344	U2200	G	U	C	U1928	G1845	A1752	U1645	U1568	C1496	G1364	C1296	C1297
G2412	A2345		C	C	C	G1929	C1846		G1646	U1569	G1497	G1365	C1298	
A2413		C2267	A	A	U	A1931	G1847	C1761	U1647	U1570	U1501	A1432	U1299	G1300
C2414		U2268	U	U	C	U1932	C1848	U1763	G1650	U1571	C1502	A1433	G1366	
U2415		U2269	G	G	U	A1933	A1850	U1764	U1659	G1572	G1503	U1437	U1367	
U2416		U2270	U	U	C	G1934	G1851	U1765	C1660	C1574	A1504	U1438	U1368	A1303
G2417	C2354	U2271	C	C	C	U1935	G1852	G1766	G1661		G1505	U1439	A1304	U1305
G2418	G2355	A2272	U	U	C	G1940	U1853	G1769	G1664	G1577	C1506	G1440	G1370	G1306
A2419	A2356	U2273	G	G	C	U1941	C1854	U1770	G1665	C1578	U1507	U1441	G1371	G1307
C2420	U2357	C2277	U	U	C	G1942	U1855	G1771	G1666	C1579	G1508	U1442	G1372	A1308
U2421	G2358	U2278	C	C	C	U1943	C1856	U1772	G1667	A1580	C1509	G1443	G1373	U1309
C2422	U2359	A2279	U	U	U	G1944	G1857	C1773	G1668	C1581	U1510	U1444	G1374	G1310
U2423	C2360	U2280	U	U	C	C1951	A1858	G1786	C1669	C1582	G1511	U1445	G1375	G1311
	A2361	A2281	A	A	U	G1952	G1861	U1787	G1674	A1583	G1512	G1446	U1377	C1312
U2426	C2362	U2282	C	G	C	G1953	G1862	C1788	U1675	U1584	G1513	G1447	U1378	G1313
U2427	A2363	G2283	C	C	C	U1954	G1863	G1789	A1679	C1585	G1514	G1450	A1381	C1316
U2428	C2364	G2284	U	U	U	G1955	G1864	U1790	G1680	U1586	A1515	C1451	C1382	A1317
G2429	C2365	U2285	C	C	C	A	G1865	C1791	G1681	A1587	C1516	A1452	G1383	A1318
	C2366	U2286	U	U	C	G	G1870	C1792	U1682	A1588	G1517	A1453	U1384	G1319
U2433	A2367		C	C	C	U	A	C1793	C1685	A1589	U1518	A1454	C1385	G1320
U2434	A2368	U2292	U	U	C	U	A1874	G1794	C1686	U1590	G1519	A1455	A1386	
G2435	G2370	U2293	C	C	C	A	G1875	U1795		G1591	G1520	A1456	G1387	U1322



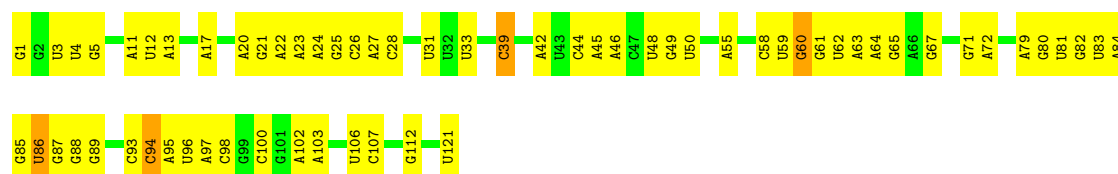
WORLDWIDE
PDB
PROTEIN DATA BANK





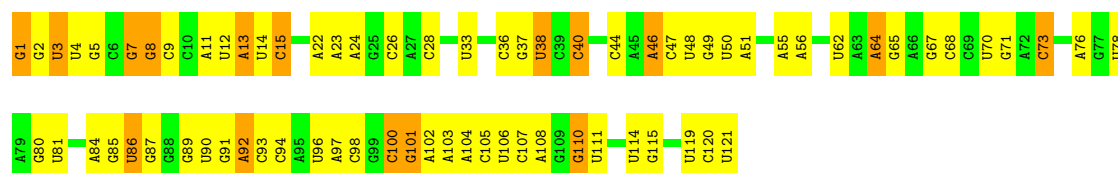
- Molecule 37: 5.8s rRNA

Chain 3:



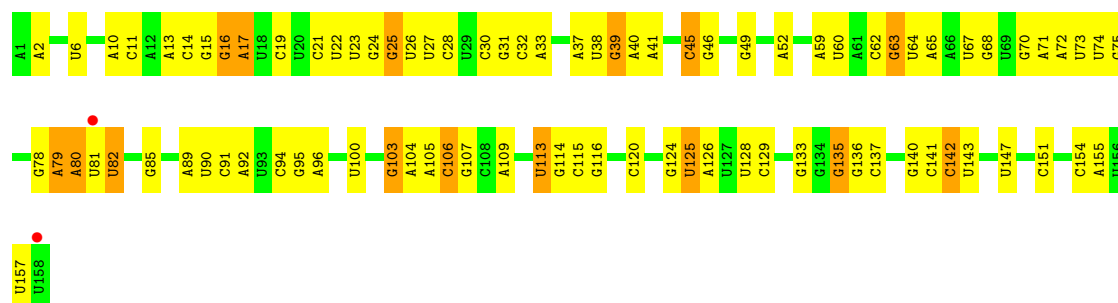
• Molecule 37: 5.8s rRNA

Chain 7:



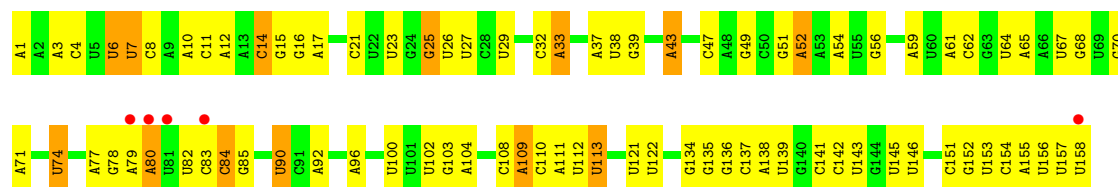
• Molecule 38: 5.8s rRNA

Chain 4:



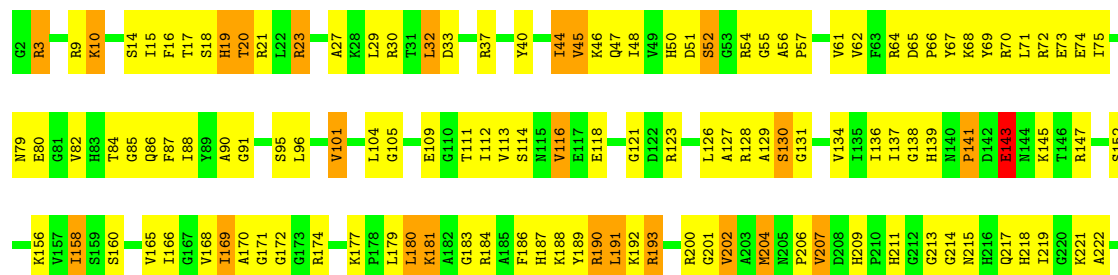
• Molecule 38: 5.8s rRNA

Chain 8:



• Molecule 39: 60S ribosomal protein L2-A

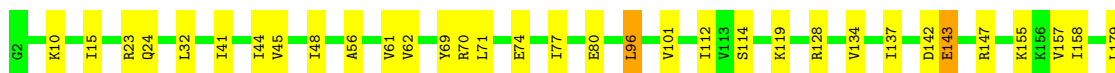
Chain L2:





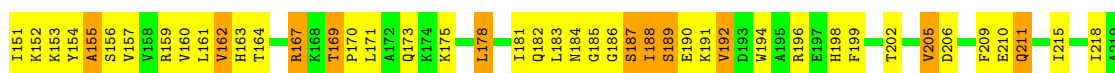
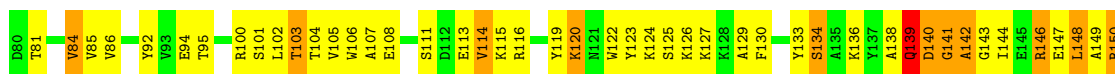
• Molecule 39: 60S ribosomal protein L2-A

Chain 12:



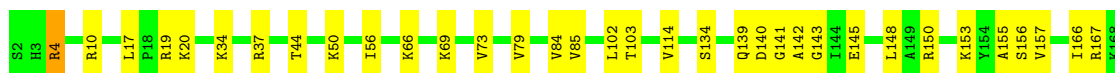
• Molecule 40: 60S ribosomal protein L3

Chain L3:



• Molecule 40: 60S ribosomal protein L3

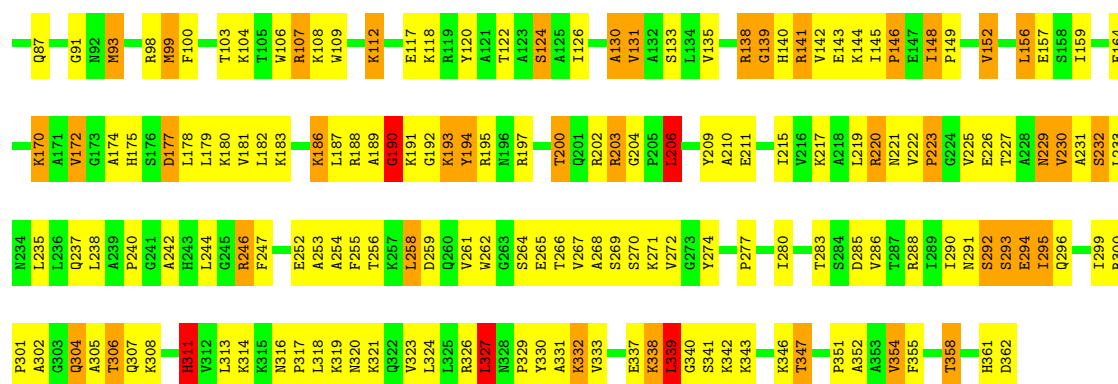
Chain l3:



• Molecule 41: 60S ribosomal protein L4-A

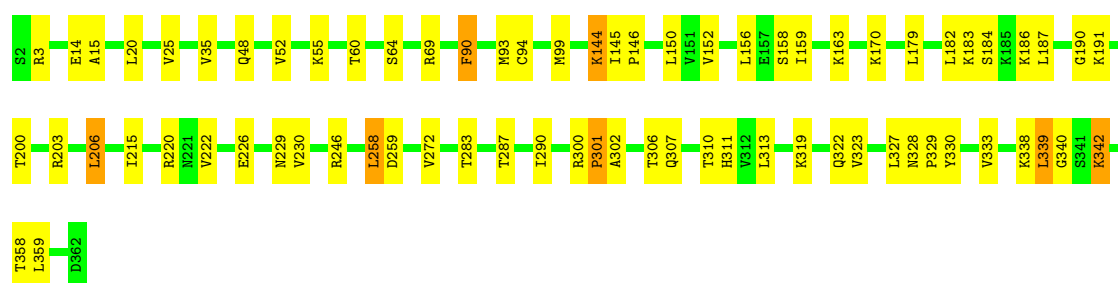
Chain L4:





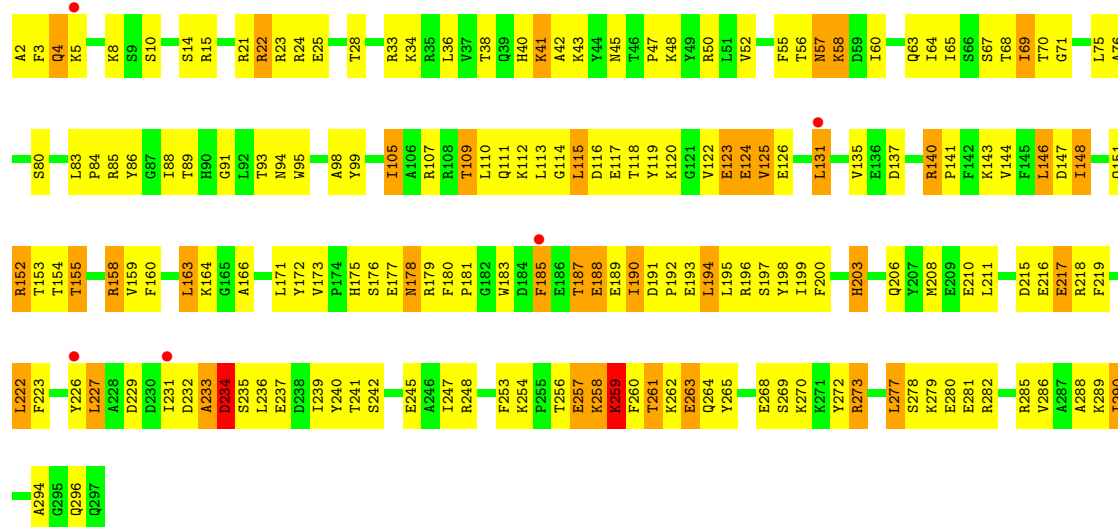
• Molecule 41: 60S ribosomal protein L4-A

Chain 14:



• Molecule 42: 60S ribosomal protein L5

Chain L5:



• Molecule 42: 60S ribosomal protein L5

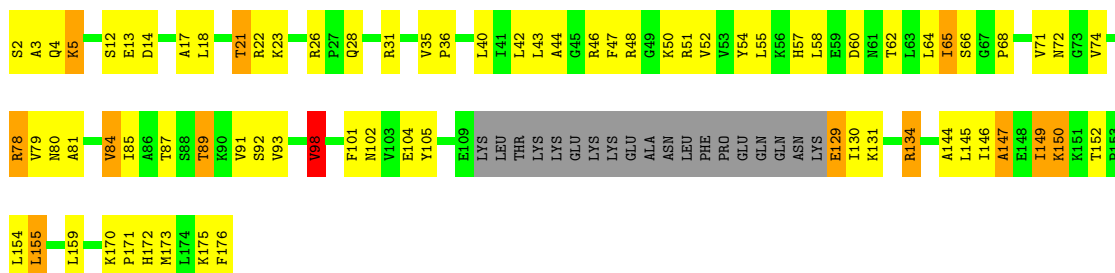
Chain l5:





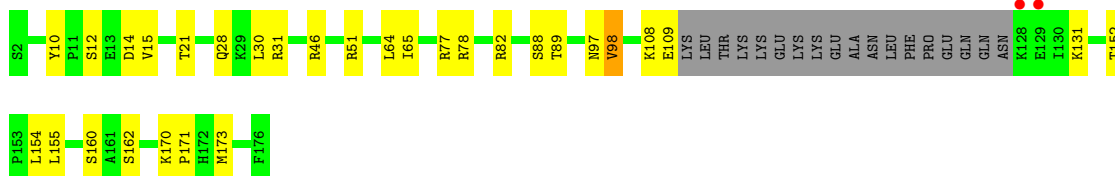
• Molecule 43: 60S ribosomal protein L6-A

Chain L6:



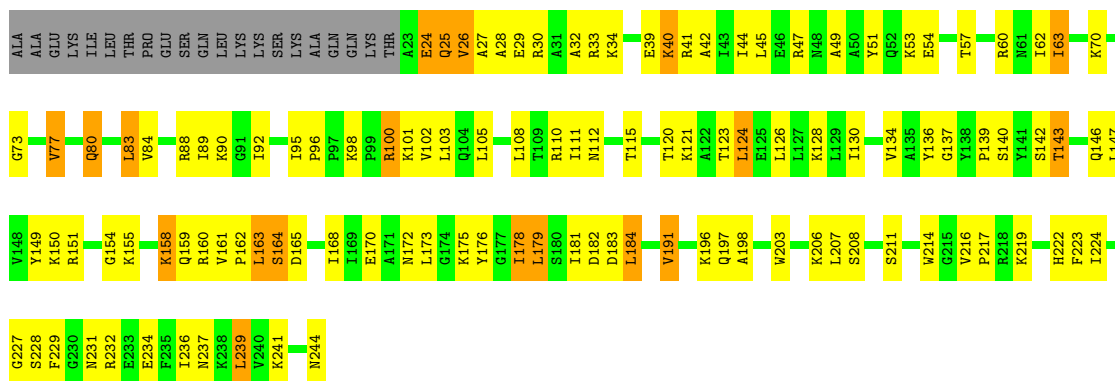
• Molecule 43: 60S ribosomal protein L6-A

Chain l6:



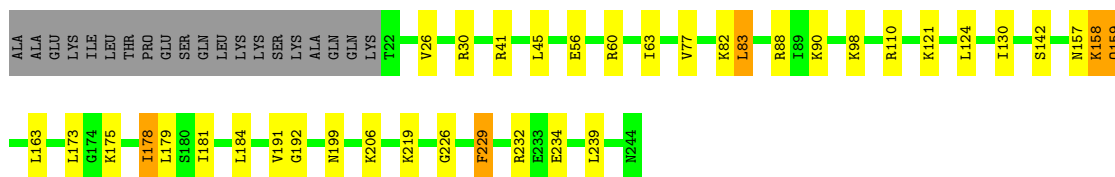
• Molecule 44: 60S ribosomal protein L7-A

Chain L7:



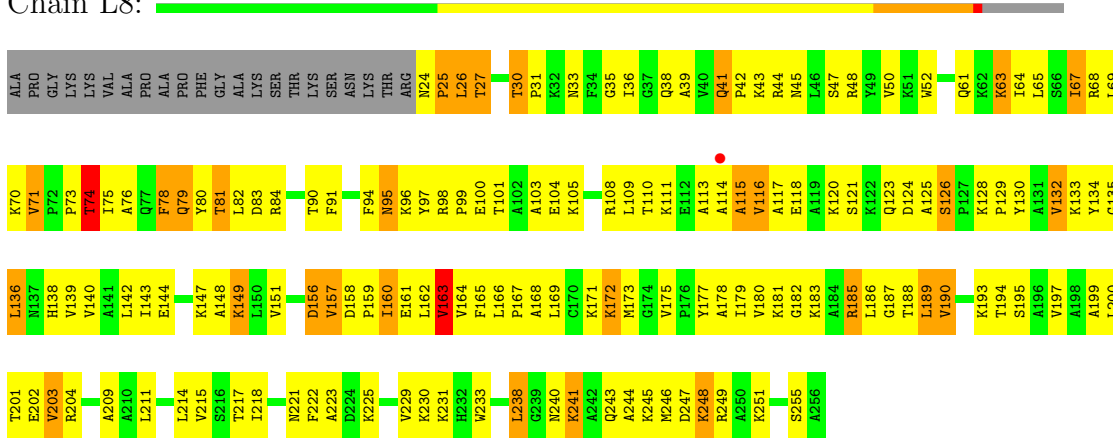
• Molecule 44: 60S ribosomal protein L7-A

Chain l7:



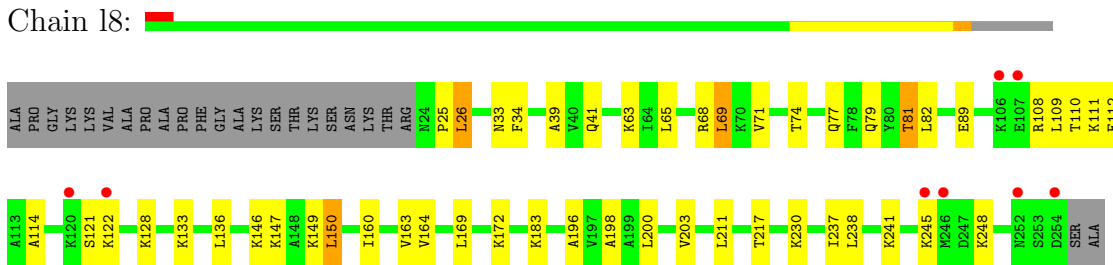
• Molecule 45: 60S ribosomal protein L8-A

Chain L8:



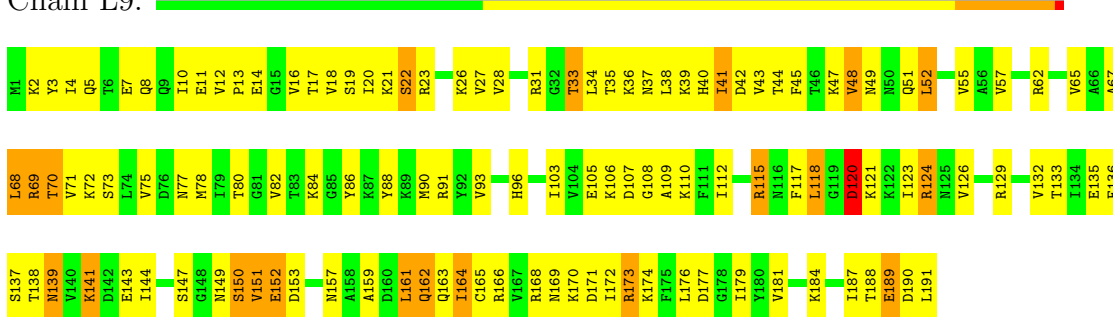
- Molecule 45: 60S ribosomal protein L8-A

Chain 18:



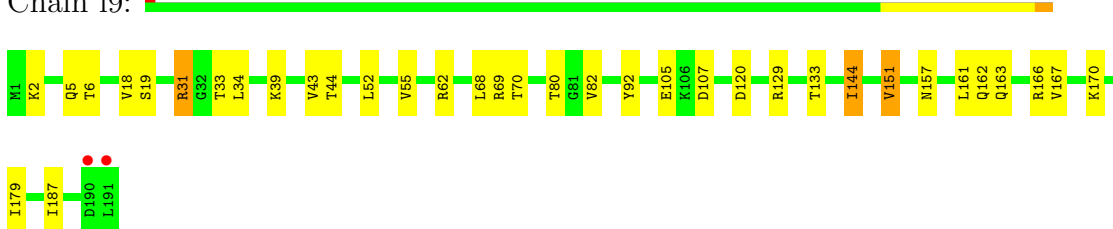
- Molecule 46: 60S ribosomal protein L9-A

Chain L9:



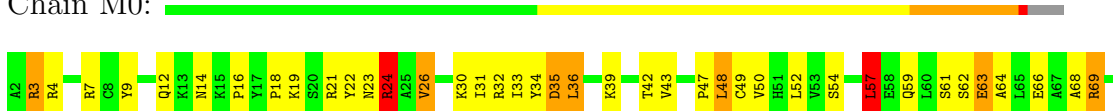
- Molecule 46: 60S ribosomal protein L9-A

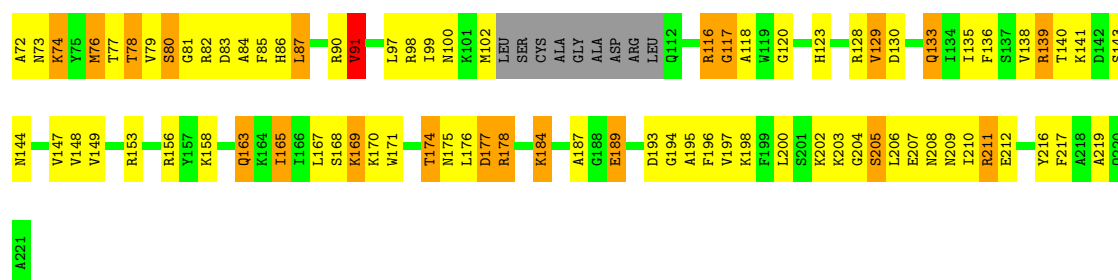
Chain 19:



- Molecule 47: 60S ribosomal protein L10

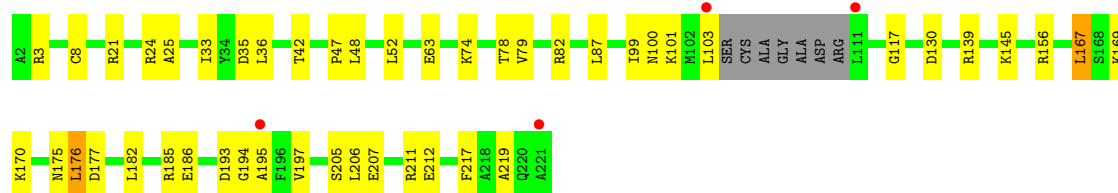
Chain M0:





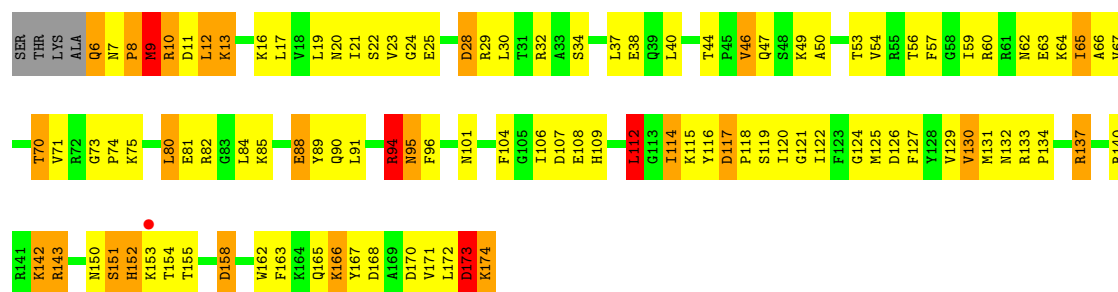
• Molecule 47: 60S ribosomal protein L10

Chain m0:



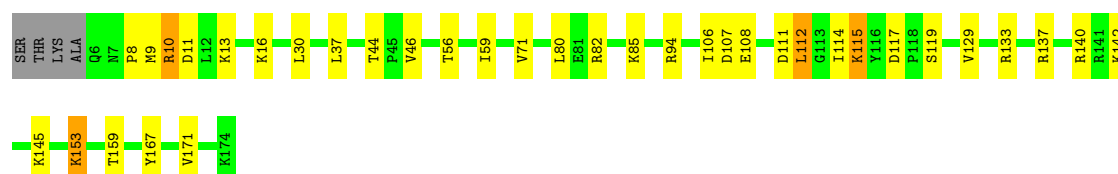
• Molecule 48: 60S ribosomal protein L11-B

Chain M1:



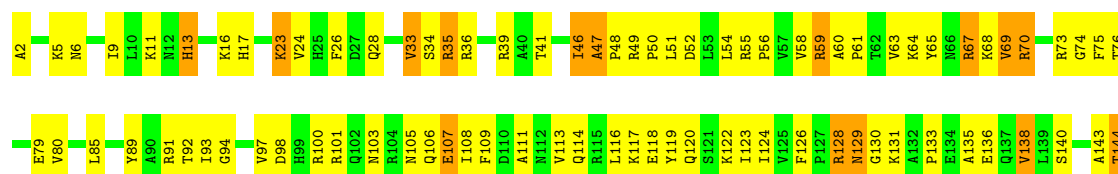
• Molecule 48: 60S ribosomal protein L11-B

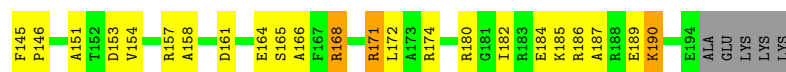
Chain m1:



• Molecule 49: 60S ribosomal protein L13-A

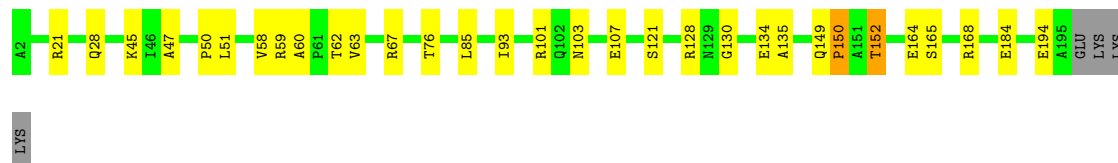
Chain M3:





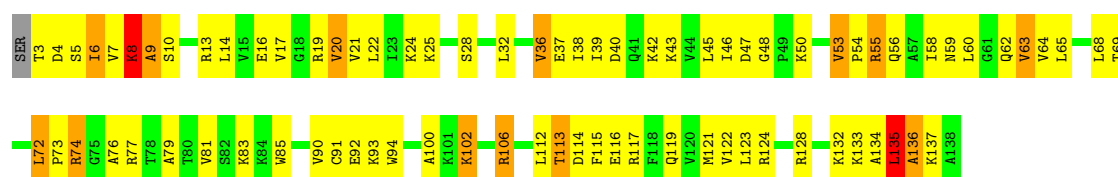
- Molecule 49: 60S ribosomal protein L13-A

Chain m3:



- Molecule 50: 60S ribosomal protein L14-A

Chain M4:



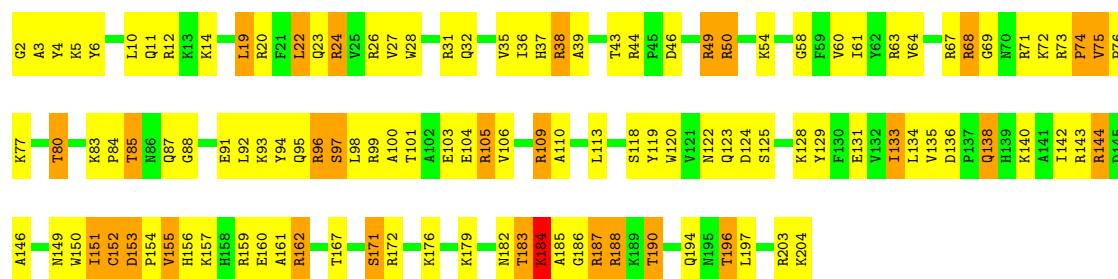
- Molecule 50: 60S ribosomal protein L14-A

Chain m4:



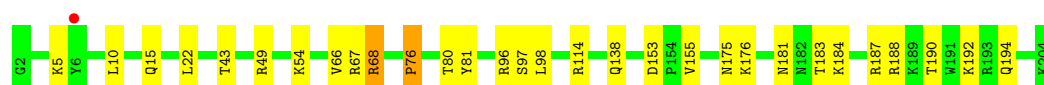
- Molecule 51: 60S ribosomal protein L15-A

Chain M5:



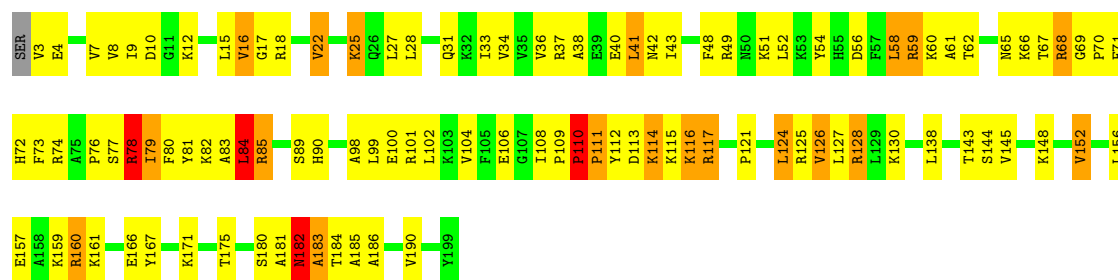
- Molecule 51: 60S ribosomal protein L15-A

Chain m5:



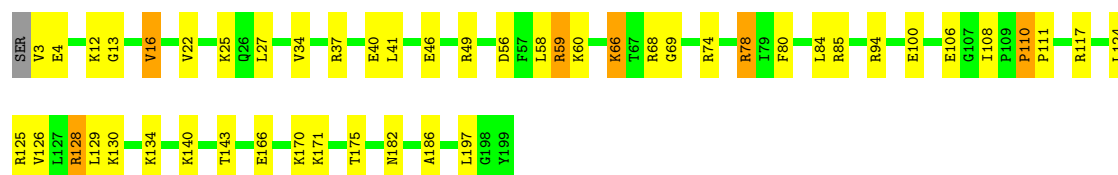
- Molecule 52: 60S ribosomal protein L16-A

Chain M6:



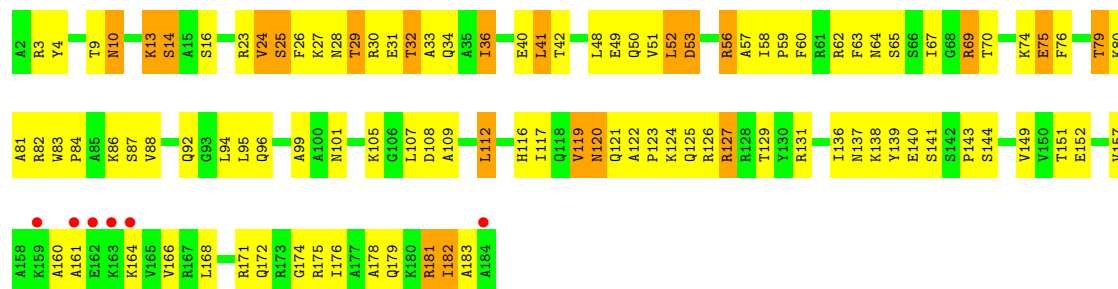
• Molecule 52: 60S ribosomal protein L16-A

Chain m6:



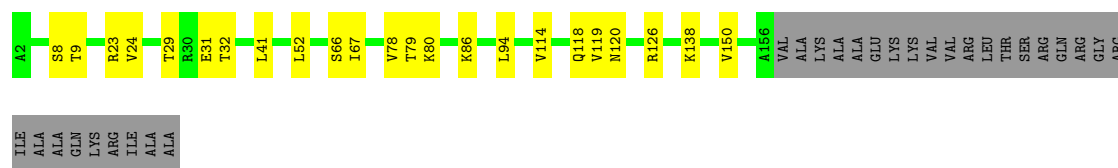
• Molecule 53: 60S ribosomal protein L17-A

Chain M7:



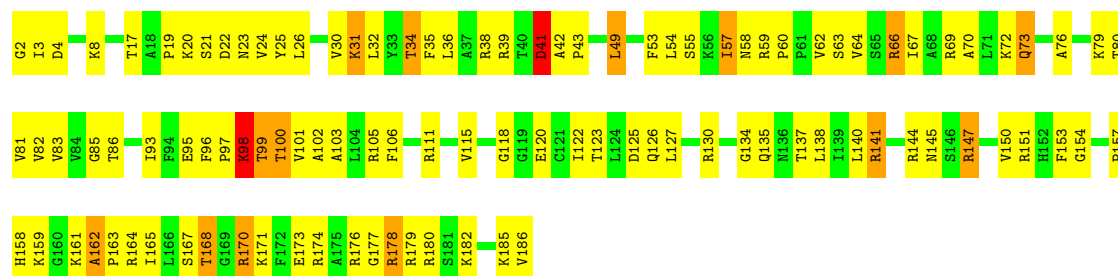
• Molecule 53: 60S ribosomal protein L17-A

Chain m7:



• Molecule 54: 60S ribosomal protein L18-A

Chain M8:



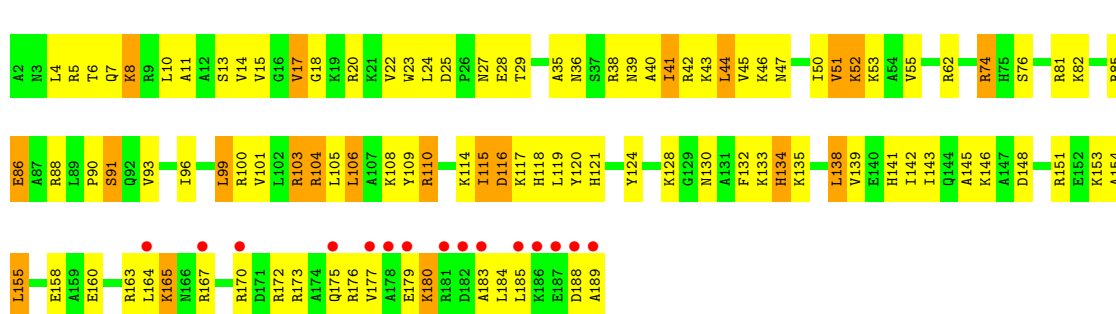
- Molecule 54: 60S ribosomal protein L18-A

Chain m8:



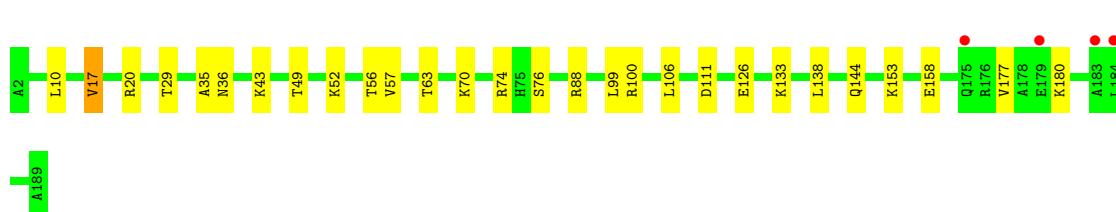
- Molecule 55: 60S ribosomal protein L19-A

Chain M9:



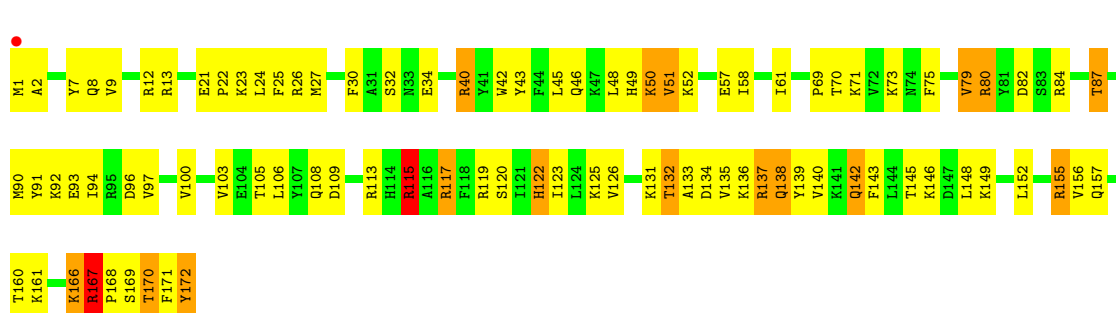
- Molecule 55: 60S ribosomal protein L19-A

Chain m9:



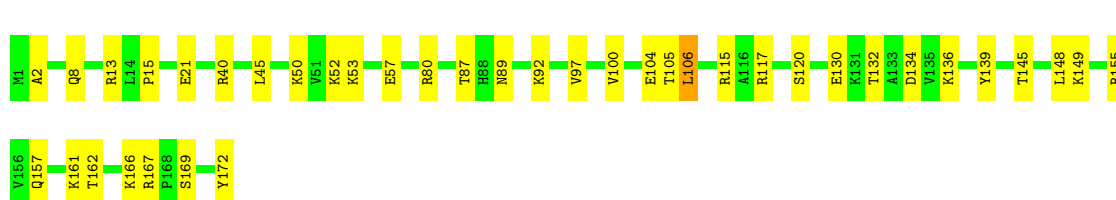
- Molecule 56: 60S ribosomal protein L20-A

Chain N0:



- Molecule 56: 60S ribosomal protein L20-A

Chain n0:



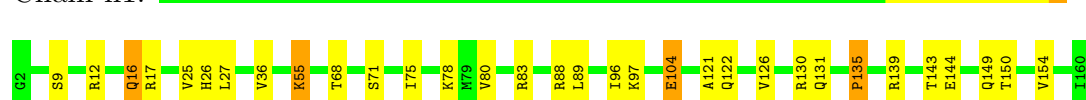
- Molecule 57: 60S ribosomal protein L21-A

Chain N1:



- Molecule 57: 60S ribosomal protein L21-A

Chain n1:



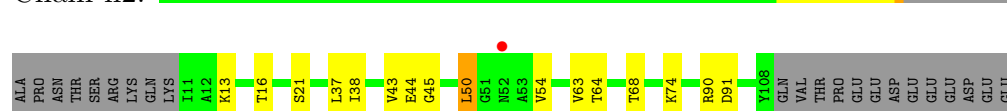
- Molecule 58: 60S ribosomal protein L22-A

Chain N2:



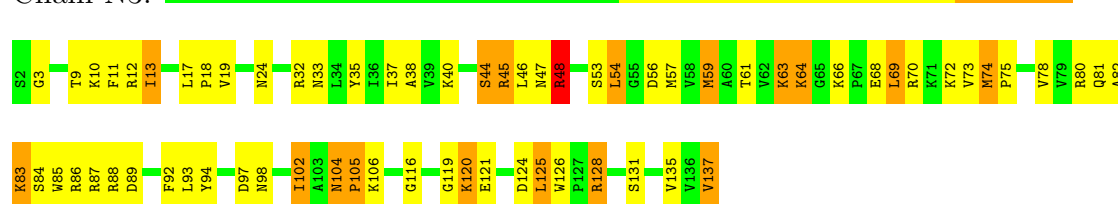
- Molecule 58: 60S ribosomal protein L22-A

Chain n2:



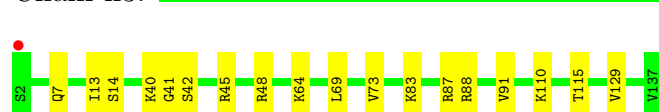
- Molecule 59: 60S ribosomal protein L23-A

Chain N3:



- Molecule 59: 60S ribosomal protein L23-A

Chain n3:

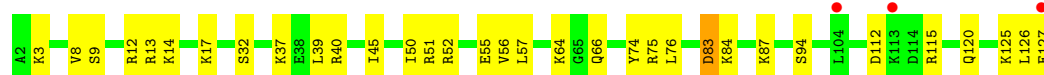


- Molecule 60: 60S ribosomal protein L24-A

Chain N4:

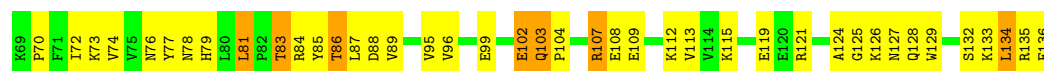
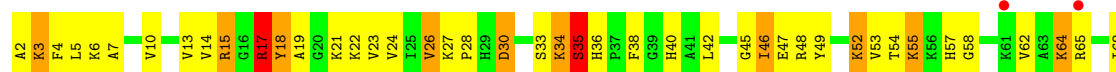


Chain n6: 



- Molecule 63: 60S ribosomal protein L27-A

Chain N7: 



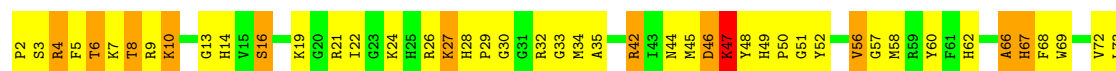
- Molecule 63: 60S ribosomal protein L27-A

Chain n7: 



- Molecule 64: 60S ribosomal protein L28

Chain N8: 



- Molecule 64: 60S ribosomal protein L28

Chain n8: 



- Molecule 65: 60S ribosomal protein L29

Chain N9: 



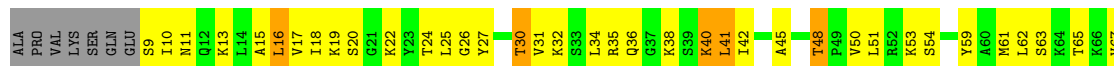
- Molecule 65: 60S ribosomal protein L29

Chain n9: 



- Molecule 66: 60S ribosomal protein L30

Chain O0:



- Molecule 66: 60S ribosomal protein L30

Chain o0:



- Molecule 67: 60S ribosomal protein L31-A

Chain O1:



- Molecule 67: 60S ribosomal protein L31-A

Chain o1:



- Molecule 68: 60S ribosomal protein L32

Chain O2:



- Molecule 68: 60S ribosomal protein L32

Chain o2:



- Molecule 69: 60S ribosomal protein L33-A

Chain O3: 



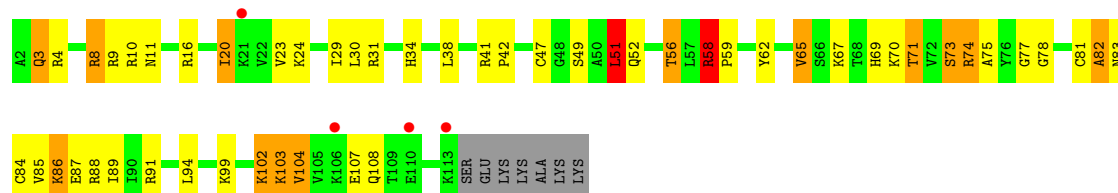
- Molecule 69: 60S ribosomal protein L33-A

Chain o3: 



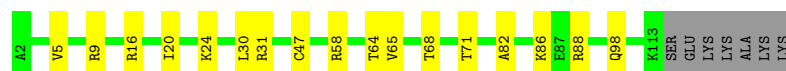
- Molecule 70: 60S ribosomal protein L34-A

Chain O4: 



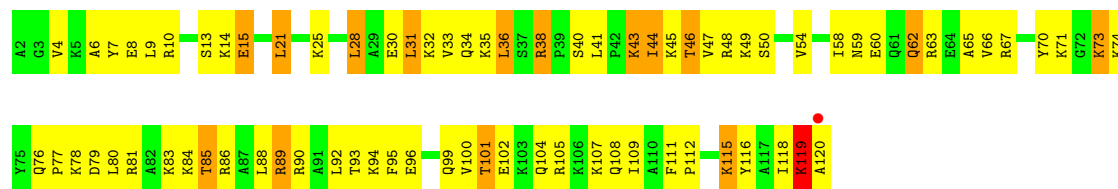
- Molecule 70: 60S ribosomal protein L34-A

Chain o4: 



- Molecule 71: 60S ribosomal protein L35-A

Chain O5: 



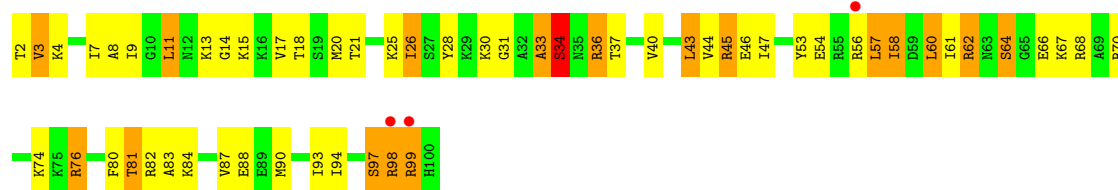
- Molecule 71: 60S ribosomal protein L35-A

Chain o5: 



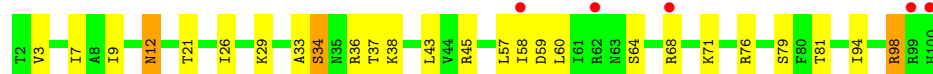
- Molecule 72: 60S ribosomal protein L36-A

Chain O6: 



- Molecule 72: 60S ribosomal protein L36-A

Chain o6:



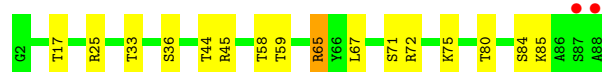
- Molecule 73: 60S ribosomal protein L37-A

Chain O7:



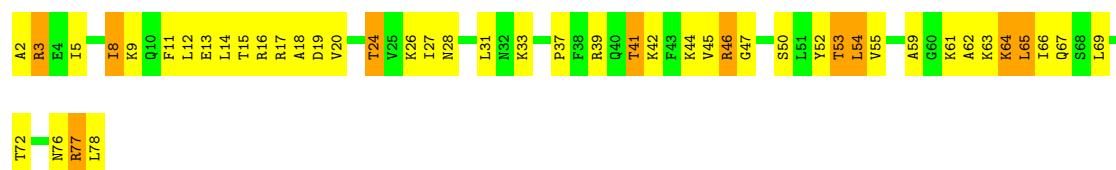
- Molecule 73: 60S ribosomal protein L37-A

Chain o7:



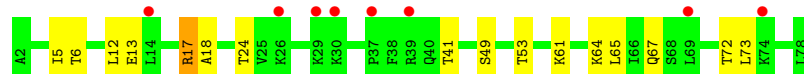
- Molecule 74: 60S ribosomal protein L38

Chain O8:



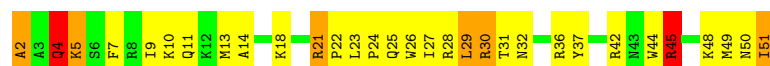
- Molecule 74: 60S ribosomal protein L38

Chain o8:



- Molecule 75: 60S ribosomal protein L39

Chain O9:



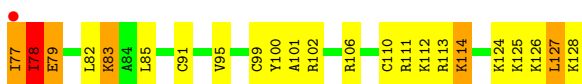
- Molecule 75: 60S ribosomal protein L39

Chain o9: 



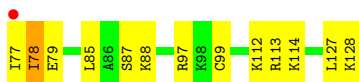
- Molecule 76: Ubiquitin-60S ribosomal protein L40

Chain Q0: 



- Molecule 76: Ubiquitin-60S ribosomal protein L40

Chain q0: 



- Molecule 77: 60S ribosomal protein L41-A

Chain Q1: 



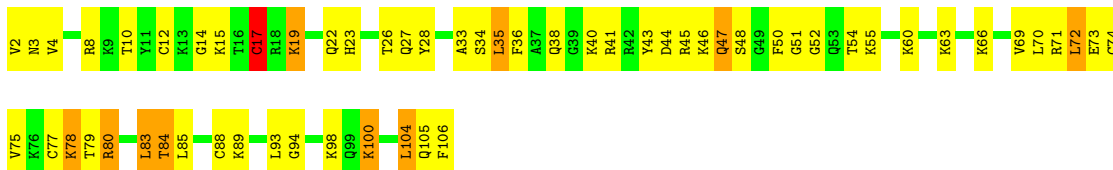
- Molecule 77: 60S ribosomal protein L41-A

Chain q1: 



- Molecule 78: 60S ribosomal protein L42-A

Chain Q2: 



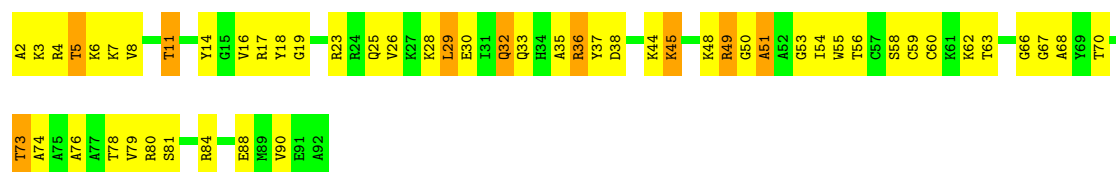
- Molecule 78: 60S ribosomal protein L42-A

Chain q2: 



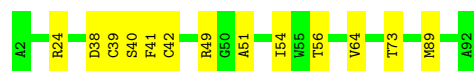
- Molecule 79: 60S ribosomal protein L43-A

Chain Q3: 



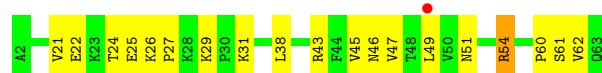
- Molecule 79: 60S ribosomal protein L43-A

Chain q3:



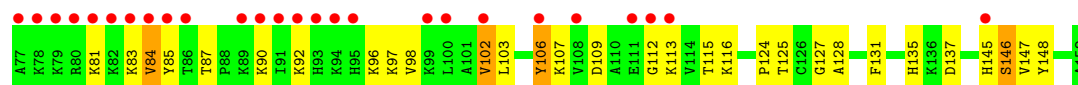
- Molecule 80: 40S ribosomal protein S30-A

Chain e0:



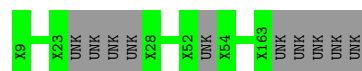
- Molecule 81: Ubiquitin-40S ribosomal protein S31

Chain e1:



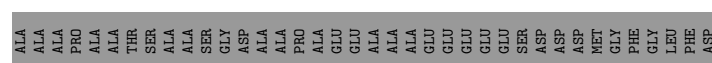
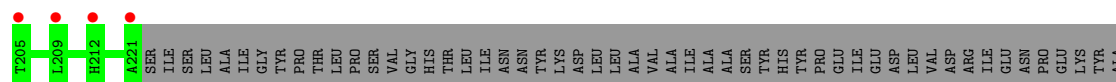
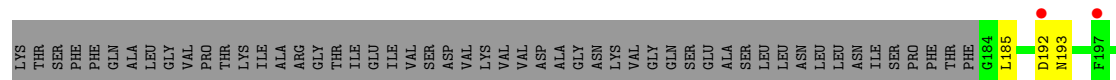
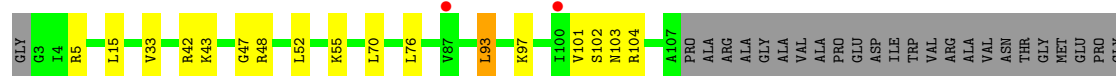
- Molecule 82: UNKNOWN PROTEIN m2

Chain m2:



- Molecule 83: 60S acidic ribosomal protein P0

Chain p0:



- Molecule 84: UNKNOWN PROTEIN p1

Chain p1:

There are no outlier residues recorded for this chain.

- Molecule 85: UNKNOWN PROTEIN p2

Chain p2: 

There are no outlier residues recorded for this chain.

4 Data and refinement statistics

Property	Value	Source
Space group	P 1 21 1	Depositor
Cell constants a, b, c, α , β , γ	436.68Å 287.99Å 304.76Å 90.00° 99.01° 90.00°	Depositor
Resolution (Å)	99.80 – 3.00 99.79 – 3.00	Depositor EDS
% Data completeness (in resolution range)	100.0 (99.80-3.00) 99.9 (99.79-3.00)	Depositor EDS
R_{merge}	0.30	Depositor
R_{sym}	(Not available)	Depositor
$\langle I/\sigma(I) \rangle$ ¹	1.35 (at 3.01Å)	Xtriage
Refinement program	PHENIX (phenix.refine: dev_1702)	Depositor
R, R_{free}	0.199 , 0.245 0.259 , 0.299	Depositor DCC
R_{free} test set	28825 reflections (1.95%)	DCC
Wilson B-factor (Å ²)	74.8	Xtriage
Anisotropy	0.176	Xtriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.31 , 47.1	EDS
Estimated twinning fraction	No twinning to report.	Xtriage
L-test for twinning	$\langle L \rangle = 0.48$, $\langle L^2 \rangle = 0.31$	Xtriage
Outliers	0 of 1479408 reflections	Xtriage
F_o, F_c correlation	0.93	EDS
Total number of atoms	411204	wwPDB-VP
Average B, all atoms (Å ²)	70.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 1.42% of the height of the origin peak. No significant pseudotranslation is detected.*

¹Intensities estimated from amplitudes.

5 Model quality ⓘ

5.1 Standard geometry ⓘ

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

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	0.79	4/41698 (0.0%)	1.35	389/64972 (0.6%)
1	6	0.93	38/42765 (0.1%)	1.43	556/66634 (0.8%)
2	S0	0.48	0/1617	0.67	0/2215
2	s0	0.52	0/1623	0.70	0/2222
3	S1	0.39	0/1735	0.66	3/2335 (0.1%)
3	s1	0.55	0/1748	0.73	3/2352 (0.1%)
4	S2	0.53	0/1665	0.70	1/2263 (0.0%)
4	s2	0.63	0/1665	0.77	0/2263
5	S3	0.52	0/1759	0.67	1/2368 (0.0%)
5	s3	0.48	0/1759	0.61	0/2368
6	S4	0.51	0/2109	0.77	4/2839 (0.1%)
6	s4	0.58	0/2109	0.81	1/2839 (0.0%)
7	S5	0.44	0/1629	0.62	0/2202
7	s5	0.49	0/1629	0.69	1/2202 (0.0%)
8	S6	0.51	0/1823	0.69	0/2439
8	s6	0.61	1/1779 (0.1%)	0.72	0/2379
9	S7	0.45	0/1506	0.66	0/2028
9	s7	0.50	0/1516	0.70	1/2043 (0.0%)
10	S8	0.58	0/1514	0.78	1/2021 (0.0%)
10	s8	0.67	0/1514	0.81	2/2021 (0.1%)
11	S9	0.53	0/1519	0.68	0/2035
11	s9	0.58	0/1519	0.78	1/2035 (0.0%)
12	C0	0.45	0/790	0.74	2/1069 (0.2%)
12	c0	0.40	0/777	0.65	3/1049 (0.3%)
13	C1	0.63	0/1240	0.78	1/1675 (0.1%)
13	c1	0.68	1/1194 (0.1%)	0.78	1/1610 (0.1%)
14	C2	0.39	0/900	0.62	0/1224
14	c2	0.32	0/900	0.59	1/1224 (0.1%)
15	C3	0.52	0/1215	0.69	2/1638 (0.1%)
15	c3	0.62	0/1215	0.77	0/1638
16	C4	0.41	0/901	0.66	0/1217
16	c4	0.56	0/960	0.80	1/1290 (0.1%)

Mol	Chain	Bond lengths		Bond angles	
		RMSZ	# Z >5	RMSZ	# Z >5
17	C5	0.50	0/998	0.69	0/1341
17	c5	0.53	0/1060	0.72	0/1426
18	C6	0.48	0/1125	0.70	2/1510 (0.1%)
18	c6	0.52	0/1131	0.73	0/1518
19	C7	0.47	0/935	0.67	0/1254
19	c7	0.56	0/914	0.73	0/1224
20	C8	0.48	0/1211	0.67	1/1628 (0.1%)
20	c8	0.52	0/1211	0.71	1/1628 (0.1%)
21	C9	0.46	0/1130	0.66	1/1517 (0.1%)
21	c9	0.52	0/1130	0.69	0/1517
22	D0	0.51	0/865	0.64	0/1169
22	d0	0.54	0/892	0.71	0/1205
23	D1	0.50	0/693	0.67	0/935
23	d1	0.57	0/693	0.76	0/935
24	D2	0.53	0/1038	0.73	1/1395 (0.1%)
24	d2	0.66	0/1038	0.81	1/1395 (0.1%)
25	D3	0.65	0/1139	0.84	2/1518 (0.1%)
25	d3	0.74	0/1139	0.90	3/1518 (0.2%)
26	D4	0.48	0/1087	0.64	1/1449 (0.1%)
26	d4	0.57	0/1087	0.72	0/1449
27	D5	0.39	0/571	0.69	0/768
27	d5	0.45	0/566	0.68	0/761
28	D6	0.48	0/782	0.70	0/1047
28	d6	0.59	0/782	0.70	0/1047
29	D7	0.48	0/620	0.67	0/838
29	d7	0.49	0/620	0.73	0/838
30	D8	0.38	0/499	0.58	0/670
30	d8	0.47	0/499	0.71	0/670
31	D9	0.58	0/452	0.77	1/600 (0.2%)
31	d9	0.61	0/452	0.68	0/600
32	E0	0.49	0/483	0.68	0/643
33	E1	0.49	0/577	0.78	0/770
34	SR	0.42	0/2494	0.65	1/3393 (0.0%)
34	sR	0.41	0/2495	0.56	0/3395
35	SM	0.54	0/1113	0.74	2/1502 (0.1%)
35	sM	0.56	0/683	0.70	1/923 (0.1%)
36	1	1.22	218/75394 (0.3%)	1.73	2216/117545 (1.9%)
36	5	1.28	278/75414 (0.4%)	1.76	2268/117575 (1.9%)
37	3	1.01	2/2883 (0.1%)	1.53	48/4491 (1.1%)
37	7	1.25	7/2883 (0.2%)	1.72	82/4491 (1.8%)
38	4	1.15	2/3746 (0.1%)	1.66	87/5832 (1.5%)
38	8	1.11	6/3746 (0.2%)	1.57	46/5832 (0.8%)
39	L2	0.73	0/1948	0.88	1/2617 (0.0%)

Mol	Chain	Bond lengths		Bond angles	
		RMSZ	# Z >5	RMSZ	# Z >5
39	l2	0.81	1/1946 (0.1%)	0.89	0/2614
40	L3	0.77	0/3146	0.86	2/4228 (0.0%)
40	l3	0.90	1/3146 (0.0%)	0.94	5/4228 (0.1%)
41	L4	0.88	0/2800	0.98	8/3790 (0.2%)
41	l4	0.80	1/2800 (0.0%)	0.95	4/3790 (0.1%)
42	L5	0.59	0/2425	0.70	0/3271
42	l5	0.77	0/2408	0.86	3/3248 (0.1%)
43	L6	0.83	0/1260	0.85	0/1694
43	l6	0.83	0/1269	0.90	3/1705 (0.2%)
44	L7	0.81	1/1821 (0.1%)	0.90	2/2451 (0.1%)
44	l7	0.90	1/1828 (0.1%)	0.95	4/2461 (0.2%)
45	L8	0.61	0/1836	0.72	0/2481
45	l8	0.58	0/1795	0.70	2/2429 (0.1%)
46	L9	0.71	0/1539	0.78	0/2073
46	l9	0.85	0/1539	0.86	1/2073 (0.0%)
47	M0	0.80	0/1741	0.90	4/2335 (0.2%)
47	m0	0.80	1/1758 (0.1%)	0.84	1/2358 (0.0%)
48	M1	0.56	0/1374	0.74	1/1842 (0.1%)
48	m1	0.69	0/1374	0.83	1/1842 (0.1%)
49	M3	0.80	0/1568	0.85	0/2106
49	m3	0.73	0/1573	0.85	1/2113 (0.0%)
50	M4	0.77	0/1068	0.82	1/1438 (0.1%)
50	m4	0.86	0/1074	0.85	1/1446 (0.1%)
51	M5	0.81	1/1757 (0.1%)	0.91	3/2354 (0.1%)
51	m5	0.73	0/1757	0.83	1/2354 (0.0%)
52	M6	0.93	1/1585 (0.1%)	0.94	3/2128 (0.1%)
52	m6	1.11	5/1585 (0.3%)	1.08	10/2128 (0.5%)
53	M7	0.84	0/1443	0.87	0/1944
53	m7	0.95	0/1250	0.90	0/1683
54	M8	0.83	0/1465	0.93	3/1965 (0.2%)
54	m8	0.81	0/1465	0.97	4/1965 (0.2%)
55	M9	0.61	0/1538	0.71	0/2050
55	m9	0.68	0/1538	0.75	1/2050 (0.0%)
56	N0	0.81	0/1481	0.89	3/1990 (0.2%)
56	n0	0.92	0/1481	0.93	3/1990 (0.2%)
57	N1	0.84	1/1300 (0.1%)	0.84	0/1743
57	n1	0.90	2/1300 (0.2%)	0.86	0/1743
58	N2	0.45	0/812	0.64	0/1099
58	n2	0.54	0/794	0.69	0/1076
59	N3	0.75	0/1018	0.87	1/1369 (0.1%)
59	n3	0.89	0/1018	0.93	2/1369 (0.1%)
60	N4	0.62	0/712	0.72	0/958
60	n4	0.75	0/1052	0.82	0/1398

Mol	Chain	Bond lengths		Bond angles	
		RMSZ	# Z >5	RMSZ	# Z >5
61	N5	0.65	0/979	0.78	2/1321 (0.2%)
61	n5	0.69	0/974	0.82	0/1314
62	N6	0.75	0/1004	0.95	2/1341 (0.1%)
62	n6	0.71	0/1004	0.88	0/1341
63	N7	0.56	0/1118	0.69	0/1497
63	n7	0.51	0/1118	0.72	3/1497 (0.2%)
64	N8	0.83	0/1204	0.96	3/1612 (0.2%)
64	n8	0.84	1/1204 (0.1%)	0.95	2/1612 (0.1%)
65	N9	0.81	0/473	0.84	0/629
65	n9	0.88	0/473	0.98	1/629 (0.2%)
66	O0	0.52	0/751	0.69	0/1008
66	o0	0.56	0/775	0.70	0/1040
67	O1	0.67	0/890	0.77	1/1196 (0.1%)
67	o1	0.85	0/897	0.91	0/1205
68	O2	0.91	0/1041	0.95	2/1394 (0.1%)
68	o2	0.93	0/1041	0.98	1/1394 (0.1%)
69	O3	0.98	1/868 (0.1%)	0.88	1/1168 (0.1%)
69	o3	0.94	0/868	0.89	1/1168 (0.1%)
70	O4	0.69	0/890	0.84	2/1189 (0.2%)
70	o4	0.65	0/890	0.82	0/1189
71	O5	0.78	0/978	0.81	1/1301 (0.1%)
71	o5	0.62	0/974	0.73	0/1297
72	O6	0.69	0/778	0.82	0/1034
72	o6	0.63	0/777	0.71	0/1033
73	O7	0.89	1/696 (0.1%)	0.98	1/923 (0.1%)
73	o7	0.77	0/696	0.90	2/923 (0.2%)
74	O8	0.58	0/618	0.67	0/826
74	o8	0.46	0/614	0.65	0/822
75	O9	0.88	1/443 (0.2%)	0.91	1/588 (0.2%)
75	o9	0.74	0/443	0.88	0/588
76	Q0	0.76	0/423	0.88	0/562
76	q0	1.00	1/423 (0.2%)	0.96	0/562
77	Q1	0.67	0/234	0.84	0/300
77	q1	0.90	0/234	1.10	3/300 (1.0%)
78	Q2	0.98	1/860 (0.1%)	0.90	0/1136
78	q2	0.86	1/860 (0.1%)	0.86	0/1136
79	Q3	0.77	0/701	0.85	1/934 (0.1%)
79	q3	0.78	0/701	0.87	1/934 (0.1%)
80	e0	0.59	0/499	0.81	0/665
81	e1	0.42	0/619	0.66	0/822
83	p0	0.49	0/1092	0.63	0/1474
All	All	0.96	580/430074 (0.1%)	1.37	5850/631364 (0.9%)

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
7	s5	0	2
9	S7	0	1
9	s7	0	1
16	C4	0	1
16	c4	0	1
17	c5	0	1
18	c6	0	1
19	C7	0	2
22	d0	0	1
26	d4	0	1
27	D5	0	1
28	D6	0	2
33	E1	0	1
39	L2	0	1
39	l2	0	1
40	L3	0	1
41	L4	0	1
43	l6	0	1
44	l7	0	3
45	L8	0	2
48	m1	0	1
49	M3	0	1
50	M4	0	1
52	M6	0	2
52	m6	0	1
53	m7	0	1
59	n3	0	1
60	n4	0	1
64	N8	0	1
64	n8	0	1
65	N9	0	1
65	n9	0	1
67	O1	0	1
75	o9	0	1
79	q3	0	1
81	e1	0	1
All	All	0	43

The worst 5 of 580 bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
36	5	2872	A	N9-C4	-14.78	1.28	1.37
78	Q2	17	CYS	CB-SG	14.00	2.06	1.82
36	5	1152	G	N9-C4	-11.81	1.28	1.38
78	q2	17	CYS	CB-SG	10.92	2.00	1.82
36	1	2404	A	N9-C4	-10.49	1.31	1.37

The worst 5 of 5850 bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
36	5	1152	G	N3-C4-C5	28.07	142.64	128.60
36	5	1152	G	N3-C4-N9	-28.03	109.18	126.00
36	1	2945	G	O5'-P-OP2	-22.30	83.93	110.70
36	5	1152	G	C2-N3-C4	-19.70	102.05	111.90
36	1	1308	A	O5'-P-OP2	-19.57	87.22	110.70

There are no chirality outliers.

5 of 43 planarity outliers are listed below:

Mol	Chain	Res	Type	Group
16	C4	124	ASP	Peptide
19	C7	22	PRO	Peptide
19	C7	85	VAL	Peptide
27	D5	94	LYS	Peptide
9	S7	131	PHE	Peptide

5.2 Close contacts ⓘ

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 hydrogens added by MolProbity. The Clashes column lists the number of clashes within the asymmetric unit, and the number in parentheses is this value normalized per 1000 atoms of the molecule in the chain. The Symm-Clashes column gives symmetry related clashes, in the same way as for the Clashes column.

Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
1	2	37283	0	18757	844	0
1	6	38238	0	19240	808	0
2	S0	1577	0	1567	156	0
2	s0	1583	0	1578	0	0
3	S1	1709	0	1784	163	0
3	s1	1722	0	1793	0	0
4	S2	1635	0	1723	131	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
4	s2	1635	0	1723	0	0
5	S3	1734	0	1817	110	0
5	s3	1734	0	1817	0	0
6	S4	2068	0	2154	163	0
6	s4	2068	0	2154	0	0
7	S5	1609	0	1675	159	0
7	s5	1609	0	1675	0	0
8	S6	1799	0	1879	139	0
8	s6	1755	0	1845	0	0
9	S7	1481	0	1572	114	0
9	s7	1491	0	1578	0	0
10	S8	1489	0	1525	113	0
10	s8	1489	0	1525	0	0
11	S9	1494	0	1573	128	0
11	s9	1494	0	1573	0	0
12	C0	773	0	729	50	0
12	c0	762	0	699	0	0
13	C1	1214	0	1259	79	0
13	c1	1168	0	1231	0	0
14	C2	892	0	891	58	0
14	c2	892	0	891	0	0
15	C3	1192	0	1255	92	0
15	c3	1192	0	1255	0	0
16	C4	891	0	883	101	0
16	c4	949	0	985	0	0
17	C5	977	0	1002	89	0
17	c5	1039	0	1050	0	0
18	C6	1105	0	1166	99	0
18	c6	1111	0	1171	0	0
19	C7	926	0	930	74	0
19	c7	906	0	909	0	0
20	C8	1192	0	1222	119	0
20	c8	1192	0	1222	0	0
21	C9	1112	0	1124	83	0
21	c9	1112	0	1124	0	0
22	D0	855	0	917	86	0
22	d0	882	0	939	0	0
23	D1	684	0	672	57	0
23	d1	684	0	672	0	0
24	D2	1021	0	1060	78	0
24	d2	1021	0	1060	0	0
25	D3	1121	0	1196	82	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
25	d3	1121	0	1196	0	0
26	D4	1073	0	1132	84	0
26	d4	1073	0	1132	0	0
27	D5	563	0	603	48	0
27	d5	558	0	598	0	0
28	D6	769	0	814	99	0
28	d6	769	0	814	0	0
29	D7	610	0	631	34	0
29	d7	610	0	632	0	0
30	D8	497	0	535	45	0
30	d8	497	0	535	0	0
31	D9	442	0	428	31	0
31	d9	442	0	428	0	0
32	E0	475	0	525	39	0
33	E1	566	0	602	56	0
34	SR	2441	0	2397	178	0
34	sR	2442	0	2392	0	1
35	SM	1104	0	996	88	0
35	sM	680	0	607	0	0
36	1	67355	0	33846	1138	1
36	5	67376	0	33854	1158	0
37	3	2579	0	1304	49	0
37	7	2579	0	1303	45	0
38	4	3353	0	1695	64	0
38	8	3353	0	1695	67	0
39	L2	1914	0	1981	137	0
39	l2	1912	0	1976	0	0
40	L3	3075	0	3142	232	0
40	l3	3075	0	3142	0	0
41	L4	2748	0	2859	201	0
41	l4	2748	0	2859	0	0
42	L5	2375	0	2325	191	0
42	l5	2359	0	2311	0	0
43	L6	1239	0	1326	72	0
43	l6	1248	0	1339	0	0
44	L7	1784	0	1862	112	0
44	l7	1791	0	1869	0	0
45	L8	1804	0	1875	143	0
45	l8	1763	0	1817	0	0
46	L9	1518	0	1587	100	0
46	l9	1518	0	1587	0	0
47	M0	1705	0	1736	128	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
47	m0	1722	0	1755	0	0
48	M1	1353	0	1383	91	0
48	m1	1353	0	1383	0	0
49	M3	1543	0	1608	118	0
49	m3	1548	0	1613	0	0
50	M4	1053	0	1149	73	0
50	m4	1059	0	1154	0	0
51	M5	1720	0	1779	135	0
51	m5	1720	0	1779	0	0
52	M6	1555	0	1659	98	0
52	m6	1555	0	1659	0	0
53	M7	1420	0	1437	102	0
53	m7	1227	0	1236	0	0
54	M8	1441	0	1543	104	0
54	m8	1441	0	1543	0	0
55	M9	1521	0	1617	108	0
55	m9	1521	0	1617	0	0
56	N0	1445	0	1487	84	0
56	n0	1445	0	1487	0	0
57	N1	1276	0	1323	100	0
57	n1	1276	0	1323	0	0
58	N2	796	0	812	27	0
58	n2	778	0	791	0	0
59	N3	1003	0	1048	67	0
59	n3	1003	0	1048	0	0
60	N4	699	0	640	28	0
60	n4	1038	0	1071	0	0
61	N5	964	0	1025	63	0
61	n5	959	0	1023	0	0
62	N6	993	0	1081	76	0
62	n6	993	0	1081	0	0
63	N7	1092	0	1155	77	0
63	n7	1092	0	1155	0	0
64	N8	1173	0	1215	96	0
64	n8	1173	0	1215	0	0
65	N9	462	0	491	34	0
65	n9	462	0	491	0	0
66	O0	743	0	797	55	0
66	o0	767	0	816	0	0
67	O1	876	0	912	56	0
67	o1	883	0	918	0	0
68	O2	1020	0	1090	67	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
68	o2	1020	0	1090	0	0
69	O3	850	0	880	51	0
69	o3	850	0	880	0	0
70	O4	880	0	945	56	0
70	o4	880	0	945	0	0
71	O5	969	0	1078	75	0
71	o5	965	0	1067	0	0
72	O6	771	0	849	59	0
72	o6	770	0	846	0	0
73	O7	681	0	683	42	0
73	o7	681	0	683	0	0
74	O8	612	0	682	40	0
74	o8	608	0	671	0	0
75	O9	436	0	475	44	0
75	o9	436	0	475	0	0
76	Q0	417	0	455	18	0
76	q0	417	0	455	0	0
77	Q1	233	0	284	28	0
77	q1	233	0	284	0	0
78	Q2	847	0	916	57	0
78	q2	847	0	915	0	0
79	Q3	694	0	734	54	0
79	q3	694	0	734	0	0
80	e0	491	0	542	0	0
81	e1	608	0	655	0	0
82	m2	750	0	175	0	0
83	p0	1077	0	1041	0	0
84	p1	235	0	51	0	0
85	p2	230	0	54	0	0
86	1	474	0	0	0	0
86	2	124	0	0	0	0
86	3	14	0	0	0	0
86	4	23	0	0	0	0
86	5	507	0	0	0	0
86	6	145	0	0	0	0
86	7	15	0	0	0	0
86	8	12	0	0	0	0
86	D3	1	0	0	0	0
86	L2	1	0	0	0	0
86	L3	2	0	0	0	0
86	L4	1	0	0	0	0
86	L5	1	0	0	0	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
86	L7	2	0	0	0	0
86	L8	1	0	0	0	0
86	M0	2	0	0	0	0
86	M1	1	0	0	0	0
86	M3	3	0	0	0	0
86	M5	2	0	0	0	0
86	M6	1	0	0	0	0
86	M7	5	0	0	0	0
86	M9	1	0	0	0	0
86	N0	1	0	0	0	0
86	N3	3	0	0	0	0
86	N5	1	0	0	0	0
86	N6	1	0	0	0	0
86	N8	4	0	0	0	0
86	O1	1	0	0	0	0
86	O4	1	0	0	0	0
86	O7	2	0	0	0	0
86	Q2	1	0	0	0	0
86	S2	2	0	0	0	0
86	S8	1	0	0	0	0
86	SM	1	0	0	0	0
86	c1	2	0	0	0	0
86	c7	2	0	0	0	0
86	c8	1	0	0	0	0
86	c9	1	0	0	0	0
86	d3	2	0	0	0	0
86	d4	1	0	0	0	0
86	d6	1	0	0	0	0
86	l2	2	0	0	0	0
86	l3	2	0	0	0	0
86	l4	1	0	0	0	0
86	l5	3	0	0	0	0
86	l7	1	0	0	0	0
86	m1	1	0	0	0	0
86	m5	4	0	0	0	0
86	m6	1	0	0	0	0
86	m7	5	0	0	0	0
86	n0	2	0	0	0	0
86	n3	2	0	0	0	0
86	n6	2	0	0	0	0
86	n8	4	0	0	0	0
86	n9	1	0	0	0	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
86	o1	2	0	0	0	0
86	o3	1	0	0	0	0
86	o4	1	0	0	0	0
86	q0	1	0	0	0	0
86	q1	1	0	0	0	0
86	q3	1	0	0	0	0
86	s1	1	0	0	0	0
86	s8	2	0	0	0	0
86	sM	2	0	0	0	0
87	1	2450	0	0	243	0
87	2	1113	0	0	125	0
87	3	84	0	0	4	0
87	4	105	0	0	7	0
87	5	2499	0	0	244	0
87	6	1120	0	0	107	0
87	7	77	0	0	9	0
87	8	98	0	0	21	0
87	C3	7	0	0	0	0
87	C5	7	0	0	3	0
87	C8	7	0	0	0	0
87	D9	7	0	0	0	0
87	L3	14	0	0	1	0
87	L4	7	0	0	4	0
87	M0	7	0	0	0	0
87	M5	7	0	0	1	0
87	M6	7	0	0	0	0
87	M7	14	0	0	2	0
87	M8	7	0	0	0	0
87	M9	7	0	0	1	0
87	N9	7	0	0	0	0
87	O1	7	0	0	6	0
87	O2	7	0	0	0	0
87	O3	7	0	0	1	0
87	O7	7	0	0	6	0
87	Q2	7	0	0	1	0
87	S8	7	0	0	0	0
87	SR	7	0	0	0	0
87	c3	7	0	0	0	0
87	c5	7	0	0	0	0
87	c8	7	0	0	0	0
87	d4	7	0	0	0	0
87	d9	7	0	0	0	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
87	l3	14	0	0	0	0
87	l4	14	0	0	0	0
87	l5	21	0	0	0	0
87	l9	7	0	0	0	0
87	m0	14	0	0	0	0
87	m1	7	0	0	0	0
87	m4	7	0	0	0	0
87	m5	7	0	0	0	0
87	m6	7	0	0	0	0
87	m7	7	0	0	0	0
87	m8	7	0	0	0	0
87	n3	7	0	0	0	0
87	n9	7	0	0	0	0
87	o2	7	0	0	0	0
87	o3	7	0	0	0	0
87	o7	7	0	0	0	0
87	o9	7	0	0	0	0
87	q2	7	0	0	0	0
87	s1	14	0	0	0	0
87	s4	7	0	0	0	0
87	s8	7	0	0	0	0
87	sR	7	0	0	0	0
88	D6	1	0	0	0	0
88	D7	1	0	0	0	0
88	D9	1	0	0	0	0
88	E1	1	0	0	0	0
88	O7	1	0	0	0	0
88	Q0	1	0	0	0	0
88	Q2	1	0	0	2	0
88	Q3	1	0	0	0	0
88	d6	1	0	0	0	0
88	d7	1	0	0	0	0
88	d9	1	0	0	0	0
88	e1	1	0	0	0	0
88	o7	1	0	0	0	0
88	q0	1	0	0	0	0
88	q2	1	0	0	0	0
88	q3	1	0	0	0	0
89	1	19	0	19	0	0
89	5	19	0	19	0	0
All	All	411204	0	297319	9494	1

Clashscore is defined as the number of clashes calculated for the entry per 1000 atoms (including

hydrogens) of the entry. The overall clashscore for this entry is 14.

The worst 5 of 9494 close contacts within the same asymmetric unit are listed below.

Atom-1	Atom-2	Distance(Å)	Clash(Å)
78:Q2:17:CYS:CB	78:Q2:17:CYS:SG	2.06	1.44
78:Q2:17:CYS:CB	88:Q2:501:ZN:ZN	1.06	1.30
78:Q2:17:CYS:SG	78:Q2:77:CYS:HB3	2.09	1.21
78:Q2:17:CYS:SG	88:Q2:501:ZN:ZN	1.35	1.16
36:5:2273:G:O6	87:5:4206:OHX:N5	1.88	1.06

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	Distance(Å)	Clash(Å)
36:1:3156:U:O4	34:sR:46:LYS:NZ[2_656]	2.17	0.03

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%)	141 (69%)	40 (20%)	23 (11%)	1	3
2	s0	204/251 (81%)	156 (76%)	27 (13%)	21 (10%)	1	4
3	S1	212/254 (84%)	147 (69%)	38 (18%)	27 (13%)	0	2
3	s1	214/254 (84%)	179 (84%)	27 (13%)	8 (4%)	5	28
4	S2	215/253 (85%)	179 (83%)	22 (10%)	14 (6%)	2	11
4	s2	215/253 (85%)	178 (83%)	26 (12%)	11 (5%)	3	18
5	S3	221/239 (92%)	181 (82%)	32 (14%)	8 (4%)	5	29
5	s3	221/239 (92%)	185 (84%)	24 (11%)	12 (5%)	3	17
6	S4	258/260 (99%)	206 (80%)	33 (13%)	19 (7%)	2	8
6	s4	258/260 (99%)	209 (81%)	34 (13%)	15 (6%)	3	15
7	S5	204/224 (91%)	159 (78%)	27 (13%)	18 (9%)	1	5
7	s5	204/224 (91%)	159 (78%)	32 (16%)	13 (6%)	2	11

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Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
8	S6	224/236 (95%)	198 (88%)	13 (6%)	13 (6%)	3	15
8	s6	216/236 (92%)	188 (87%)	21 (10%)	7 (3%)	6	33
9	S7	182/189 (96%)	134 (74%)	25 (14%)	23 (13%)	0	2
9	s7	184/189 (97%)	145 (79%)	27 (15%)	12 (6%)	2	11
10	S8	184/200 (92%)	149 (81%)	24 (13%)	11 (6%)	2	14
10	s8	184/200 (92%)	152 (83%)	22 (12%)	10 (5%)	3	17
11	S9	183/196 (93%)	152 (83%)	20 (11%)	11 (6%)	2	14
11	s9	183/196 (93%)	150 (82%)	27 (15%)	6 (3%)	6	32
12	C0	94/105 (90%)	74 (79%)	11 (12%)	9 (10%)	1	4
12	c0	92/105 (88%)	61 (66%)	12 (13%)	19 (21%)	0	0
13	C1	153/155 (99%)	120 (78%)	18 (12%)	15 (10%)	1	4
13	c1	144/155 (93%)	126 (88%)	14 (10%)	4 (3%)	8	37
14	C2	122/142 (86%)	69 (57%)	33 (27%)	20 (16%)	0	1
14	c2	122/142 (86%)	72 (59%)	35 (29%)	15 (12%)	1	2
15	C3	148/150 (99%)	123 (83%)	19 (13%)	6 (4%)	4	24
15	c3	148/150 (99%)	120 (81%)	17 (12%)	11 (7%)	2	8
16	C4	125/136 (92%)	96 (77%)	17 (14%)	12 (10%)	1	4
16	c4	126/136 (93%)	102 (81%)	17 (14%)	7 (6%)	3	16
17	C5	122/141 (86%)	96 (79%)	15 (12%)	11 (9%)	1	5
17	c5	133/141 (94%)	96 (72%)	20 (15%)	17 (13%)	0	2
18	C6	139/142 (98%)	115 (83%)	17 (12%)	7 (5%)	3	19
18	c6	140/142 (99%)	123 (88%)	9 (6%)	8 (6%)	3	16
19	C7	116/136 (85%)	88 (76%)	20 (17%)	8 (7%)	2	9
19	c7	113/136 (83%)	89 (79%)	19 (17%)	5 (4%)	4	22
20	C8	143/145 (99%)	114 (80%)	19 (13%)	10 (7%)	2	9
20	c8	143/145 (99%)	116 (81%)	18 (13%)	9 (6%)	2	12
21	C9	141/143 (99%)	114 (81%)	22 (16%)	5 (4%)	6	30
21	c9	141/143 (99%)	120 (85%)	16 (11%)	5 (4%)	6	30
22	D0	105/120 (88%)	83 (79%)	14 (13%)	8 (8%)	2	7
22	d0	108/120 (90%)	84 (78%)	13 (12%)	11 (10%)	1	4
23	D1	85/87 (98%)	62 (73%)	18 (21%)	5 (6%)	2	14

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Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
23	d1	85/87 (98%)	71 (84%)	12 (14%)	2 (2%)	9	42
24	D2	127/129 (98%)	108 (85%)	17 (13%)	2 (2%)	14	56
24	d2	127/129 (98%)	111 (87%)	14 (11%)	2 (2%)	14	56
25	D3	142/144 (99%)	110 (78%)	17 (12%)	15 (11%)	1	3
25	d3	142/144 (99%)	120 (84%)	18 (13%)	4 (3%)	8	37
26	D4	132/134 (98%)	114 (86%)	8 (6%)	10 (8%)	2	7
26	d4	132/134 (98%)	104 (79%)	20 (15%)	8 (6%)	2	14
27	D5	68/107 (64%)	48 (71%)	13 (19%)	7 (10%)	1	4
27	d5	67/107 (63%)	46 (69%)	16 (24%)	5 (8%)	2	8
28	D6	95/97 (98%)	62 (65%)	14 (15%)	19 (20%)	0	0
28	d6	95/97 (98%)	73 (77%)	10 (10%)	12 (13%)	0	2
29	D7	79/81 (98%)	54 (68%)	17 (22%)	8 (10%)	1	4
29	d7	79/81 (98%)	61 (77%)	15 (19%)	3 (4%)	5	27
30	D8	61/66 (92%)	49 (80%)	7 (12%)	5 (8%)	1	6
30	d8	61/66 (92%)	43 (70%)	12 (20%)	6 (10%)	1	4
31	D9	51/55 (93%)	42 (82%)	6 (12%)	3 (6%)	2	14
31	d9	51/55 (93%)	41 (80%)	6 (12%)	4 (8%)	1	7
32	E0	58/60 (97%)	46 (79%)	10 (17%)	2 (3%)	6	31
33	E1	69/76 (91%)	36 (52%)	14 (20%)	19 (28%)	0	0
34	SR	316/318 (99%)	248 (78%)	51 (16%)	17 (5%)	3	17
34	sR	316/318 (99%)	274 (87%)	30 (10%)	12 (4%)	5	27
35	SM	155/273 (57%)	111 (72%)	24 (16%)	20 (13%)	0	2
35	sM	98/273 (36%)	64 (65%)	20 (20%)	14 (14%)	0	1
39	L2	250/253 (99%)	224 (90%)	17 (7%)	9 (4%)	5	29
39	l2	250/253 (99%)	218 (87%)	21 (8%)	11 (4%)	4	22
40	L3	384/386 (100%)	346 (90%)	22 (6%)	16 (4%)	4	24
40	l3	384/386 (100%)	345 (90%)	30 (8%)	9 (2%)	10	43
41	L4	359/361 (99%)	312 (87%)	28 (8%)	19 (5%)	3	18
41	l4	359/361 (99%)	298 (83%)	44 (12%)	17 (5%)	4	21
42	L5	294/296 (99%)	252 (86%)	29 (10%)	13 (4%)	4	22
42	l5	292/296 (99%)	254 (87%)	26 (9%)	12 (4%)	4	24

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Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
43	L6	152/175 (87%)	132 (87%)	16 (10%)	4 (3%)	8	39
43	l6	153/175 (87%)	132 (86%)	16 (10%)	5 (3%)	6	32
44	L7	220/243 (90%)	196 (89%)	19 (9%)	5 (2%)	10	43
44	l7	221/243 (91%)	194 (88%)	22 (10%)	5 (2%)	10	43
45	L8	231/255 (91%)	188 (81%)	31 (13%)	12 (5%)	3	18
45	l8	229/255 (90%)	182 (80%)	31 (14%)	16 (7%)	2	9
46	L9	189/191 (99%)	162 (86%)	21 (11%)	6 (3%)	6	33
46	l9	189/191 (99%)	165 (87%)	19 (10%)	5 (3%)	8	39
47	M0	207/220 (94%)	179 (86%)	21 (10%)	7 (3%)	6	31
47	m0	209/220 (95%)	170 (81%)	22 (10%)	17 (8%)	1	7
48	M1	167/173 (96%)	133 (80%)	17 (10%)	17 (10%)	1	4
48	m1	167/173 (96%)	141 (84%)	17 (10%)	9 (5%)	3	17
49	M3	191/198 (96%)	160 (84%)	26 (14%)	5 (3%)	8	39
49	m3	192/198 (97%)	160 (83%)	20 (10%)	12 (6%)	2	12
50	M4	134/137 (98%)	113 (84%)	12 (9%)	9 (7%)	2	10
50	m4	135/137 (98%)	126 (93%)	6 (4%)	3 (2%)	10	45
51	M5	201/203 (99%)	183 (91%)	12 (6%)	6 (3%)	7	34
51	m5	201/203 (99%)	185 (92%)	10 (5%)	6 (3%)	7	34
52	M6	195/198 (98%)	175 (90%)	15 (8%)	5 (3%)	8	39
52	m6	195/198 (98%)	179 (92%)	9 (5%)	7 (4%)	5	29
53	M7	181/183 (99%)	156 (86%)	20 (11%)	5 (3%)	8	37
53	m7	153/183 (84%)	142 (93%)	10 (6%)	1 (1%)	30	78
54	M8	183/185 (99%)	161 (88%)	18 (10%)	4 (2%)	10	45
54	m8	183/185 (99%)	155 (85%)	21 (12%)	7 (4%)	5	27
55	M9	186/188 (99%)	166 (89%)	19 (10%)	1 (0%)	38	84
55	m9	186/188 (99%)	170 (91%)	13 (7%)	3 (2%)	14	56
56	N0	170/172 (99%)	157 (92%)	11 (6%)	2 (1%)	19	64
56	n0	170/172 (99%)	158 (93%)	10 (6%)	2 (1%)	19	64
57	N1	157/159 (99%)	139 (88%)	11 (7%)	7 (4%)	4	22
57	n1	157/159 (99%)	140 (89%)	11 (7%)	6 (4%)	5	27
58	N2	98/120 (82%)	72 (74%)	19 (19%)	7 (7%)	2	9

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Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
58	n2	96/120 (80%)	81 (84%)	11 (12%)	4 (4%)	4	24
59	N3	134/136 (98%)	123 (92%)	9 (7%)	2 (2%)	15	58
59	n3	134/136 (98%)	125 (93%)	9 (7%)	0	100	100
60	N4	96/155 (62%)	75 (78%)	12 (12%)	9 (9%)	1	5
60	n4	133/155 (86%)	105 (79%)	16 (12%)	12 (9%)	1	5
61	N5	119/141 (84%)	106 (89%)	12 (10%)	1 (1%)	27	76
61	n5	118/141 (84%)	101 (86%)	12 (10%)	5 (4%)	4	24
62	N6	124/126 (98%)	112 (90%)	6 (5%)	6 (5%)	4	20
62	n6	124/126 (98%)	113 (91%)	6 (5%)	5 (4%)	5	25
63	N7	133/135 (98%)	112 (84%)	12 (9%)	9 (7%)	2	10
63	n7	133/135 (98%)	106 (80%)	19 (14%)	8 (6%)	2	14
64	N8	146/148 (99%)	119 (82%)	19 (13%)	8 (6%)	3	16
64	n8	146/148 (99%)	124 (85%)	15 (10%)	7 (5%)	4	20
65	N9	56/58 (97%)	48 (86%)	4 (7%)	4 (7%)	2	9
65	n9	56/58 (97%)	43 (77%)	6 (11%)	7 (12%)	1	2
66	O0	95/104 (91%)	86 (90%)	6 (6%)	3 (3%)	6	33
66	o0	98/104 (94%)	84 (86%)	11 (11%)	3 (3%)	7	34
67	O1	107/112 (96%)	96 (90%)	7 (6%)	4 (4%)	5	28
67	o1	107/112 (96%)	88 (82%)	7 (6%)	12 (11%)	1	3
68	O2	125/129 (97%)	110 (88%)	14 (11%)	1 (1%)	27	76
68	o2	125/129 (97%)	108 (86%)	12 (10%)	5 (4%)	5	25
69	O3	104/106 (98%)	96 (92%)	6 (6%)	2 (2%)	12	51
69	o3	104/106 (98%)	95 (91%)	7 (7%)	2 (2%)	12	51
70	O4	110/119 (92%)	95 (86%)	13 (12%)	2 (2%)	13	53
70	o4	110/119 (92%)	99 (90%)	10 (9%)	1 (1%)	25	73
71	O5	117/119 (98%)	106 (91%)	10 (8%)	1 (1%)	25	73
71	o5	117/119 (98%)	97 (83%)	11 (9%)	9 (8%)	1	7
72	O6	97/99 (98%)	80 (82%)	11 (11%)	6 (6%)	2	13
72	o6	97/99 (98%)	84 (87%)	9 (9%)	4 (4%)	4	24
73	O7	85/87 (98%)	73 (86%)	8 (9%)	4 (5%)	4	21
73	o7	85/87 (98%)	72 (85%)	12 (14%)	1 (1%)	19	64

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Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
74	O8	75/77 (97%)	66 (88%)	8 (11%)	1 (1%)	18	62
74	o8	75/77 (97%)	66 (88%)	6 (8%)	3 (4%)	5	25
75	O9	48/50 (96%)	43 (90%)	4 (8%)	1 (2%)	11	47
75	o9	48/50 (96%)	40 (83%)	7 (15%)	1 (2%)	11	47
76	Q0	50/52 (96%)	47 (94%)	1 (2%)	2 (4%)	5	25
76	q0	50/52 (96%)	45 (90%)	4 (8%)	1 (2%)	11	48
77	Q1	23/25 (92%)	20 (87%)	2 (9%)	1 (4%)	4	23
77	q1	23/25 (92%)	19 (83%)	4 (17%)	0	100	100
78	Q2	103/105 (98%)	82 (80%)	18 (18%)	3 (3%)	7	35
78	q2	103/105 (98%)	93 (90%)	8 (8%)	2 (2%)	12	51
79	Q3	89/91 (98%)	77 (86%)	10 (11%)	2 (2%)	10	45
79	q3	89/91 (98%)	80 (90%)	8 (9%)	1 (1%)	21	67
80	e0	60/62 (97%)	45 (75%)	8 (13%)	7 (12%)	1	3
81	e1	74/76 (97%)	36 (49%)	19 (26%)	19 (26%)	0	0
83	p0	139/311 (45%)	119 (86%)	16 (12%)	4 (3%)	7	35
All	All	22333/24141 (92%)	18606 (83%)	2512 (11%)	1215 (5%)	3	17

5 of 1215 Ramachandran outliers are listed below:

Mol	Chain	Res	Type
2	S0	4	PRO
2	S0	39	ASN
2	S0	66	ALA
2	S0	139	VAL
2	S0	140	ASN

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%)	138 (84%)	26 (16%)	4	17
2	s0	165/209 (79%)	130 (79%)	35 (21%)	1	8

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Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
3	S1	191/223 (86%)	152 (80%)	39 (20%)	2	9
3	s1	192/223 (86%)	156 (81%)	36 (19%)	2	12
4	S2	176/204 (86%)	143 (81%)	33 (19%)	2	12
4	s2	176/204 (86%)	131 (74%)	45 (26%)	1	4
5	S3	182/194 (94%)	138 (76%)	44 (24%)	1	5
5	s3	182/194 (94%)	149 (82%)	33 (18%)	2	13
6	S4	221/221 (100%)	181 (82%)	40 (18%)	2	13
6	s4	221/221 (100%)	184 (83%)	37 (17%)	3	16
7	S5	173/190 (91%)	145 (84%)	28 (16%)	3	17
7	s5	173/190 (91%)	137 (79%)	36 (21%)	2	8
8	S6	188/201 (94%)	156 (83%)	32 (17%)	3	15
8	s6	187/201 (93%)	151 (81%)	36 (19%)	2	12
9	S7	165/169 (98%)	137 (83%)	28 (17%)	3	15
9	s7	165/169 (98%)	139 (84%)	26 (16%)	4	18
10	S8	150/161 (93%)	127 (85%)	23 (15%)	4	19
10	s8	150/161 (93%)	126 (84%)	24 (16%)	3	17
11	S9	158/165 (96%)	125 (79%)	33 (21%)	1	8
11	s9	158/165 (96%)	128 (81%)	30 (19%)	2	12
12	C0	77/98 (79%)	65 (84%)	12 (16%)	4	18
12	c0	73/98 (74%)	61 (84%)	12 (16%)	3	16
13	C1	129/136 (95%)	105 (81%)	24 (19%)	2	13
13	c1	129/136 (95%)	109 (84%)	20 (16%)	4	19
14	C2	88/118 (75%)	68 (77%)	20 (23%)	1	6
14	c2	88/118 (75%)	64 (73%)	24 (27%)	0	3
15	C3	127/127 (100%)	106 (84%)	21 (16%)	3	16
15	c3	127/127 (100%)	106 (84%)	21 (16%)	3	16
16	C4	81/104 (78%)	57 (70%)	24 (30%)	0	2
16	c4	97/104 (93%)	81 (84%)	16 (16%)	3	16
17	C5	101/117 (86%)	84 (83%)	17 (17%)	3	15
17	c5	103/117 (88%)	81 (79%)	22 (21%)	1	8
18	C6	117/118 (99%)	90 (77%)	27 (23%)	1	6

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Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
18	c6	118/118 (100%)	99 (84%)	19 (16%)	3	17
19	C7	94/124 (76%)	73 (78%)	21 (22%)	1	7
19	c7	92/124 (74%)	69 (75%)	23 (25%)	1	4
20	C8	128/128 (100%)	101 (79%)	27 (21%)	1	8
20	c8	128/128 (100%)	104 (81%)	24 (19%)	2	12
21	C9	115/115 (100%)	89 (77%)	26 (23%)	1	6
21	c9	115/115 (100%)	94 (82%)	21 (18%)	2	13
22	D0	100/113 (88%)	76 (76%)	24 (24%)	1	5
22	d0	103/113 (91%)	81 (79%)	22 (21%)	1	8
23	D1	74/74 (100%)	54 (73%)	20 (27%)	1	3
23	d1	74/74 (100%)	59 (80%)	15 (20%)	2	9
24	D2	110/110 (100%)	85 (77%)	25 (23%)	1	6
24	d2	110/110 (100%)	98 (89%)	12 (11%)	9	35
25	D3	119/119 (100%)	97 (82%)	22 (18%)	2	13
25	d3	119/119 (100%)	96 (81%)	23 (19%)	2	12
26	D4	112/112 (100%)	95 (85%)	17 (15%)	4	20
26	d4	112/112 (100%)	97 (87%)	15 (13%)	6	24
27	D5	61/88 (69%)	47 (77%)	14 (23%)	1	6
27	d5	61/88 (69%)	50 (82%)	11 (18%)	2	13
28	D6	83/83 (100%)	70 (84%)	13 (16%)	4	18
28	d6	83/83 (100%)	72 (87%)	11 (13%)	6	25
29	D7	70/70 (100%)	56 (80%)	14 (20%)	2	10
29	d7	70/70 (100%)	58 (83%)	12 (17%)	3	15
30	D8	56/59 (95%)	42 (75%)	14 (25%)	1	4
30	d8	56/59 (95%)	44 (79%)	12 (21%)	1	8
31	D9	47/48 (98%)	40 (85%)	7 (15%)	4	20
31	d9	47/48 (98%)	39 (83%)	8 (17%)	3	15
32	E0	51/51 (100%)	44 (86%)	7 (14%)	5	24
33	E1	62/66 (94%)	47 (76%)	15 (24%)	1	5
34	SR	260/261 (100%)	230 (88%)	30 (12%)	8	32
34	sR	260/261 (100%)	233 (90%)	27 (10%)	10	37

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Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
35	SM	97/228 (42%)	78 (80%)	19 (20%)	2	11
35	sM	54/228 (24%)	43 (80%)	11 (20%)	2	9
39	L2	193/195 (99%)	152 (79%)	41 (21%)	1	8
39	l2	192/195 (98%)	153 (80%)	39 (20%)	2	9
40	L3	321/322 (100%)	248 (77%)	73 (23%)	1	6
40	l3	320/322 (99%)	259 (81%)	61 (19%)	2	12
41	L4	288/288 (100%)	242 (84%)	46 (16%)	3	17
41	l4	288/288 (100%)	231 (80%)	57 (20%)	2	11
42	L5	244/244 (100%)	196 (80%)	48 (20%)	2	11
42	l5	243/244 (100%)	192 (79%)	51 (21%)	1	8
43	L6	134/152 (88%)	116 (87%)	18 (13%)	6	24
43	l6	135/152 (89%)	113 (84%)	22 (16%)	3	17
44	L7	186/204 (91%)	163 (88%)	23 (12%)	7	28
44	l7	187/204 (92%)	157 (84%)	30 (16%)	3	17
45	L8	187/207 (90%)	153 (82%)	34 (18%)	2	13
45	l8	177/207 (86%)	141 (80%)	36 (20%)	2	9
46	L9	171/171 (100%)	137 (80%)	34 (20%)	2	10
46	l9	171/171 (100%)	138 (81%)	33 (19%)	2	12
47	M0	177/186 (95%)	139 (78%)	38 (22%)	1	8
47	m0	179/186 (96%)	149 (83%)	30 (17%)	3	15
48	M1	147/150 (98%)	122 (83%)	25 (17%)	3	15
48	m1	147/150 (98%)	118 (80%)	29 (20%)	2	11
49	M3	154/158 (98%)	129 (84%)	25 (16%)	3	17
49	m3	154/158 (98%)	134 (87%)	20 (13%)	6	26
50	M4	107/108 (99%)	89 (83%)	18 (17%)	3	15
50	m4	108/108 (100%)	88 (82%)	20 (18%)	2	13
51	M5	175/175 (100%)	147 (84%)	28 (16%)	3	17
51	m5	175/175 (100%)	150 (86%)	25 (14%)	5	22
52	M6	160/161 (99%)	133 (83%)	27 (17%)	3	15
52	m6	160/161 (99%)	125 (78%)	35 (22%)	1	7
53	M7	140/145 (97%)	112 (80%)	28 (20%)	2	10

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Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
53	m7	125/145 (86%)	104 (83%)	21 (17%)	3	15
54	M8	150/150 (100%)	124 (83%)	26 (17%)	3	14
54	m8	150/150 (100%)	125 (83%)	25 (17%)	3	16
55	M9	153/153 (100%)	128 (84%)	25 (16%)	3	17
55	m9	153/153 (100%)	128 (84%)	25 (16%)	3	17
56	N0	156/156 (100%)	125 (80%)	31 (20%)	2	10
56	n0	156/156 (100%)	120 (77%)	36 (23%)	1	6
57	N1	136/136 (100%)	109 (80%)	27 (20%)	2	10
57	n1	136/136 (100%)	107 (79%)	29 (21%)	1	8
58	N2	87/106 (82%)	76 (87%)	11 (13%)	7	27
58	n2	85/106 (80%)	72 (85%)	13 (15%)	4	19
59	N3	104/104 (100%)	84 (81%)	20 (19%)	2	12
59	n3	104/104 (100%)	89 (86%)	15 (14%)	5	22
60	N4	57/129 (44%)	50 (88%)	7 (12%)	7	28
60	n4	100/129 (78%)	84 (84%)	16 (16%)	3	17
61	N5	104/117 (89%)	81 (78%)	23 (22%)	1	7
61	n5	104/117 (89%)	81 (78%)	23 (22%)	1	7
62	N6	109/109 (100%)	86 (79%)	23 (21%)	1	8
62	n6	109/109 (100%)	80 (73%)	29 (27%)	1	4
63	N7	115/115 (100%)	93 (81%)	22 (19%)	2	12
63	n7	115/115 (100%)	88 (76%)	27 (24%)	1	5
64	N8	118/118 (100%)	98 (83%)	20 (17%)	3	15
64	n8	118/118 (100%)	92 (78%)	26 (22%)	1	7
65	N9	46/46 (100%)	37 (80%)	9 (20%)	2	11
65	n9	46/46 (100%)	37 (80%)	9 (20%)	2	11
66	O0	81/87 (93%)	69 (85%)	12 (15%)	4	21
66	o0	84/87 (97%)	67 (80%)	17 (20%)	2	10
67	O1	92/96 (96%)	74 (80%)	18 (20%)	2	11
67	o1	94/96 (98%)	74 (79%)	20 (21%)	1	8
68	O2	109/110 (99%)	87 (80%)	22 (20%)	2	10
68	o2	109/110 (99%)	86 (79%)	23 (21%)	1	8

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Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
69	O3	90/90 (100%)	77 (86%)	13 (14%)	5	22
69	o3	90/90 (100%)	76 (84%)	14 (16%)	4	18
70	O4	95/101 (94%)	79 (83%)	16 (17%)	3	15
70	o4	95/101 (94%)	79 (83%)	16 (17%)	3	15
71	O5	104/104 (100%)	78 (75%)	26 (25%)	1	4
71	o5	103/104 (99%)	84 (82%)	19 (18%)	2	13
72	O6	81/81 (100%)	64 (79%)	17 (21%)	1	8
72	o6	80/81 (99%)	55 (69%)	25 (31%)	0	2
73	O7	70/70 (100%)	57 (81%)	13 (19%)	2	13
73	o7	70/70 (100%)	56 (80%)	14 (20%)	2	10
74	O8	68/68 (100%)	53 (78%)	15 (22%)	1	7
74	o8	67/68 (98%)	53 (79%)	14 (21%)	1	8
75	O9	45/45 (100%)	36 (80%)	9 (20%)	2	10
75	o9	45/45 (100%)	35 (78%)	10 (22%)	1	7
76	Q0	47/47 (100%)	39 (83%)	8 (17%)	3	15
76	q0	47/47 (100%)	35 (74%)	12 (26%)	1	4
77	Q1	23/23 (100%)	16 (70%)	7 (30%)	0	2
77	q1	23/23 (100%)	15 (65%)	8 (35%)	0	1
78	Q2	90/90 (100%)	71 (79%)	19 (21%)	1	8
78	q2	90/90 (100%)	69 (77%)	21 (23%)	1	6
79	Q3	71/71 (100%)	57 (80%)	14 (20%)	2	11
79	q3	71/71 (100%)	61 (86%)	10 (14%)	5	23
80	e0	53/53 (100%)	40 (76%)	13 (24%)	1	5
81	e1	66/66 (100%)	52 (79%)	14 (21%)	1	8
83	p0	105/253 (42%)	88 (84%)	17 (16%)	3	17
All	All	18729/20239 (92%)	15216 (81%)	3513 (19%)	2	12

5 of 3513 residues with a non-rotameric sidechain are listed below:

Mol	Chain	Res	Type
69	O3	15	SER
7	s5	216	GLU
64	n8	42	ARG

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Mol	Chain	Res	Type
71	O5	89	ARG
3	s1	48	VAL

Some sidechains can be flipped to improve hydrogen bonding and reduce clashes. 5 of 43 such sidechains are listed below:

Mol	Chain	Res	Type
58	N2	49	ASN
9	s7	71	HIS
62	n6	120	GLN
59	N3	98	ASN
63	N7	57	HIS

5.3.3 RNA ⓘ

Mol	Chain	Analysed	Backbone Outliers	Pucker Outliers
1	2	0/1800	-	-
1	6	0/1800	-	-
36	1	0/3396	-	-
36	5	0/3396	-	-
37	3	0/121	-	-
37	7	0/121	-	-
38	4	0/158	-	-
38	8	0/158	-	-
All	All	0/10950	-	-

There are no RNA backbone outliers to report.

There are no RNA pucker outliers to report.

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

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

5.5 Carbohydrates ⓘ

There are no carbohydrates in this entry.

5.6 Ligand geometry

Of 2561 ligands modelled in this entry, 1426 are monoatomic - leaving 1135 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	$\# Z > 2$
87	OHX	1	3868	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3869	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3870	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3871	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3872	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3873	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3874	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3875	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3876	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3877	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3878	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3879	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3880	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3881	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3882	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3883	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3884	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3885	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3886	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3887	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3888	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3889	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3890	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3891	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3892	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3893	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3894	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3895	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3896	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3897	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3898	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
87	OHX	1	3899	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3900	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3901	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3902	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3903	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3904	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3905	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3906	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3907	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3908	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3909	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3910	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3911	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3912	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3913	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3914	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3915	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3916	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3917	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3918	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3919	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3920	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3921	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3922	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3923	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3924	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3925	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3926	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3927	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3928	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3929	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3930	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3931	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3932	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3933	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3934	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3935	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3936	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3937	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3938	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3939	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3940	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3941	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	3942	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3943	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3944	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3945	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3946	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3947	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3948	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3949	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3950	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3951	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3952	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3953	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3954	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3955	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3956	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3957	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3958	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3959	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3960	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3961	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3962	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3963	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3964	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3965	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3966	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3967	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3968	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3969	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3970	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3971	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3972	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3973	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3974	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3975	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3976	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3977	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3978	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3979	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3980	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3981	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3982	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3983	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3984	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	3985	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3986	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3987	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3988	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3989	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3990	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3991	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3992	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3993	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3994	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3995	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3996	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3997	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3998	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	3999	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4000	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4001	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4002	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4003	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4004	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4005	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4006	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4007	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4008	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4009	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4010	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4011	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4012	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4013	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4014	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4015	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4016	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4017	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4018	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4019	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4020	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4021	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4022	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4023	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4024	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4025	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4026	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4027	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	4028	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4029	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4030	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4031	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4032	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4033	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4034	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4035	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4036	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4037	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4038	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4039	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4040	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4041	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4042	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4043	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4044	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4045	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4046	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4047	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4048	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4049	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4050	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4051	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4052	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4053	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4054	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4055	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4056	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4057	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4058	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4059	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4060	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4061	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4062	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4063	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4064	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4065	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4066	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4067	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4068	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4069	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4070	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	4071	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4072	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4073	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4074	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4075	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4076	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4077	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4078	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4079	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4080	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4081	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4082	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4083	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4084	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4085	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4086	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4087	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4088	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4089	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4090	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4091	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4092	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4093	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4094	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4095	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4096	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4097	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4098	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4099	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4100	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4101	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4102	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4103	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4104	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4105	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4106	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4107	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4108	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4109	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4110	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4111	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4112	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4113	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	4114	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4115	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4116	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4117	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4118	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4119	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4120	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4121	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4122	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4123	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4124	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4125	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4126	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4127	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4128	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4129	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4130	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4131	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4132	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4133	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4134	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4135	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4136	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4137	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4138	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4139	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4140	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4141	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4142	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4143	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4144	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4145	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4146	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4147	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4148	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4149	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4150	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4151	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4152	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4153	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4154	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4155	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4156	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	4157	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4158	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4159	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4160	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4161	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4162	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4163	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4164	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4165	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4166	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4167	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4168	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4169	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4170	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4171	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4172	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4173	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4174	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4175	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4176	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4177	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4178	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4179	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4180	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4181	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4182	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4183	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4184	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4185	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4186	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4187	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4188	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4189	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4190	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4191	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4192	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4193	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4194	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4195	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4196	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4197	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4198	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4199	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	4200	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4201	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4202	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4203	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4204	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4205	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4206	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4207	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4208	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4209	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4210	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4211	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4212	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4213	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4214	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4215	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4216	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	1	4217	-	0,6,6	0.00	-	0,15,15	0.00	-
89	ANM	1	4218	-	20,20,20	0.82	0	27,27,27	1.28	3 (11%)
87	OHX	2	2023	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2024	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2025	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2026	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2027	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2028	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2029	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2030	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2031	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2032	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2033	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2034	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2035	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2036	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2037	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2038	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2039	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2040	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2041	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2042	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2043	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2044	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2045	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2046	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	2	2047	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2048	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2049	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2050	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2051	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2052	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2053	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2054	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2055	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2056	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2057	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2058	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2059	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2060	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2061	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2062	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2063	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2064	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2065	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2066	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2067	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2068	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2069	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2070	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2071	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2072	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2073	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2074	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2075	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2076	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2077	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2078	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2079	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2080	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2081	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2082	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2083	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2084	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2085	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2086	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2087	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2088	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2089	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	2	2090	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2091	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2092	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2093	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2094	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2095	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2096	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2097	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2098	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2099	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2100	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2101	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2102	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2103	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2104	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2105	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2106	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2107	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2108	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2109	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2110	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2111	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2112	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2113	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2114	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2115	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2116	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2117	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2118	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2119	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2120	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2121	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2122	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2123	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2124	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2125	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2126	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2127	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2128	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2129	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2130	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2131	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2132	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	2	2133	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2134	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2135	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2136	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2137	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2138	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2139	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2140	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2141	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2142	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2143	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2144	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2145	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2146	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2147	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2148	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2149	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2150	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2151	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2152	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2153	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2154	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2155	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2156	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2157	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2158	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2159	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2160	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2161	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2162	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2163	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2164	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2165	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2166	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2167	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2168	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2169	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2170	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2171	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2172	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2173	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2174	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2175	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	2	2176	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2177	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2178	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2179	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2180	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	2	2181	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	3	215	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	3	216	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	3	217	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	3	218	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	3	219	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	3	220	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	3	221	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	3	222	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	3	223	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	3	224	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	3	225	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	3	226	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	4	224	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	4	225	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	4	226	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	4	227	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	4	228	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	4	229	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	4	230	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	4	231	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	4	232	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	4	233	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	4	234	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	4	235	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	4	236	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	4	237	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	4	238	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3903	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3904	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3905	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3906	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3907	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3908	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3909	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3910	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3911	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3912	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	3913	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3914	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3915	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3916	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3917	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3918	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3919	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3920	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3921	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3922	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3923	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3924	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3925	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3926	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3927	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3928	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3929	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3930	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3931	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3932	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3933	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3934	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3935	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3936	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3937	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3938	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3939	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3940	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3941	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3942	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3943	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3944	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3945	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3946	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3947	87	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3948	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3949	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3950	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3951	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3952	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3953	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3954	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3955	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	3956	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3957	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3958	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3959	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3960	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3961	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3962	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3963	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3964	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3965	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3966	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3967	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3968	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3969	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3970	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3971	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3972	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3973	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3974	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3975	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3976	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3977	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3978	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3979	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3980	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3981	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3982	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3983	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3984	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3985	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3986	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3987	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3988	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3989	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3990	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3991	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3992	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3993	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3994	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3995	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3996	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3997	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	3998	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	3999	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4000	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4001	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4002	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4003	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4004	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4005	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4006	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4007	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4008	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4009	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4010	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4011	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4012	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4013	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4014	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4015	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4016	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4017	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4018	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4019	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4020	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4021	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4022	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4023	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4024	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4025	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4026	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4027	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4028	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4029	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4030	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4031	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4032	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4033	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4034	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4035	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4036	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4037	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4038	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4039	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4040	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4041	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	4042	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4043	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4044	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4045	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4046	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4047	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4048	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4049	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4050	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4051	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4052	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4053	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4054	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4055	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4056	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4057	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4058	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4059	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4060	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4061	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4062	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4063	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4064	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4065	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4066	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4067	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4068	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4069	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4070	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4071	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4072	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4073	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4074	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4075	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4076	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4077	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4078	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4079	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4080	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4081	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4082	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4083	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4084	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	4085	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4086	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4087	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4088	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4089	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4090	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4091	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4092	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4093	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4094	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4095	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4096	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4097	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4098	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4099	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4100	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4101	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4102	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4103	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4104	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4105	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4106	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4107	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4108	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4109	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4110	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4111	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4112	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4113	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4114	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4115	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4116	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4117	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4118	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4119	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4120	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4121	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4122	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4123	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4124	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4125	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4126	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4127	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	4128	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4129	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4130	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4131	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4132	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4133	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4134	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4135	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4136	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4137	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4138	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4139	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4140	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4141	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4142	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4143	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4144	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4145	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4146	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4147	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4148	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4149	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4150	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4151	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4152	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4153	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4154	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4155	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4156	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4157	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4158	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4159	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4160	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4161	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4162	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4163	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4164	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4165	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4166	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4167	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4168	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4169	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4170	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	4171	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4172	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4173	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4174	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4175	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4176	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4177	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4178	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4179	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4180	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4181	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4182	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4183	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4184	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4185	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4186	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4187	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4188	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4189	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4190	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4191	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4192	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4193	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4194	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4195	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4196	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4197	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4198	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4199	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4200	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4201	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4202	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4203	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4204	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4205	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4206	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4207	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4208	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4209	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4210	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4211	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4212	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4213	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	4214	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4215	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4216	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4217	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4218	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4219	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4220	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4221	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4222	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4223	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4224	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4225	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4226	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4227	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4228	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4229	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4230	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4231	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4232	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4233	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4234	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4235	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4236	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4237	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4238	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4239	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4240	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4241	87	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4242	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4243	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4244	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4245	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4246	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4247	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4248	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4249	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4250	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4251	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4252	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4253	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4254	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4255	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4256	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	4257	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4258	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	5	4259	-	0,6,6	0.00	-	0,15,15	0.00	-
89	ANM	5	4260	-	20,20,20	1.26	3 (15%)	27,27,27	1.57	5 (18%)
87	OHX	6	2044	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2045	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2046	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2047	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2048	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2049	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2050	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2051	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2052	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2053	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2054	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2055	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2056	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2057	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2058	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2059	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2060	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2061	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2062	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2063	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2064	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2065	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2066	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2067	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2068	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2069	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2070	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2071	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2072	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2073	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2074	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2075	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2076	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2077	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2078	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2079	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2080	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2081	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2082	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	6	2083	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2084	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2085	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2086	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2087	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2088	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2089	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2090	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2091	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2092	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2093	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2094	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2095	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2096	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2097	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2098	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2099	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2100	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2101	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2102	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2103	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2104	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2105	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2106	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2107	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2108	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2109	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2110	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2111	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2112	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2113	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2114	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2115	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2116	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2117	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2118	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2119	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2120	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2121	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2122	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2123	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2124	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2125	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	6	2126	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2127	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2128	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2129	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2130	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2131	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2132	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2133	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2134	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2135	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2136	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2137	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2138	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2139	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2140	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2141	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2142	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2143	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2144	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2145	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2146	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2147	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2148	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2149	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2150	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2151	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2152	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2153	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2154	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2155	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2156	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2157	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2158	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2159	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2160	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2161	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2162	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2163	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2164	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2165	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2166	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2167	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2168	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	6	2169	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2170	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2171	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2172	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2173	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2174	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2175	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2176	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2177	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2178	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2179	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2180	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2181	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2182	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2183	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2184	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2185	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2186	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2187	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2188	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2189	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2190	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2191	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2192	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2193	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2194	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2195	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2196	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2197	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2198	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2199	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2200	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2201	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2202	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	6	2203	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	7	215	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	7	216	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	7	217	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	7	218	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	7	219	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	7	220	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	7	221	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	7	222	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	7	223	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	7	224	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	7	225	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	8	213	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	8	214	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	8	215	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	8	216	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	8	217	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	8	218	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	8	219	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	8	220	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	8	221	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	8	222	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	8	223	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	8	224	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	8	225	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	8	226	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	C3	201	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	C5	201	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	C8	201	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	D9	102	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	L3	403	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	L3	404	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	L4	402	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	M0	303	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	M5	303	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	M6	202	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	M7	206	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	M7	207	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	M8	201	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	M9	202	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	N9	101	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	O1	202	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	O2	201	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	O3	201	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	O7	104	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	Q2	503	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	S8	302	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	SR	401	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	c3	201	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	c5	201	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	c8	202	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	d4	202	-	0,6,6	0.00	-	0,15,15	0.00	-

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	d9	102	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	l3	403	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	l3	404	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	l4	402	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	l4	403	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	l5	304	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	l5	305	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	l5	306	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	l9	600	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	m0	301	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	m0	302	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	m1	202	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	m4	201	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	m5	305	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	m6	202	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	m7	206	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	m8	201	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	n3	203	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	n9	102	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	o2	201	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	o3	202	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	o7	502	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	o9	101	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	q2	502	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	s1	302	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	s1	303	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	s4	301	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	s8	303	-	0,6,6	0.00	-	0,15,15	0.00	-
87	OHX	sR	401	-	0,6,6	0.00	-	0,15,15	0.00	-

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

Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	1	3868	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3869	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3870	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3871	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3872	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3873	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3874	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	1	3875	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3876	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3877	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3878	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3879	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3880	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3881	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3882	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3883	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3884	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3885	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3886	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3887	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3888	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3889	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3890	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3891	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3892	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3893	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3894	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3895	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3896	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3897	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3898	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3899	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3900	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3901	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3902	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3903	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3904	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3905	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3906	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3907	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3908	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3909	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3910	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3911	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3912	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3913	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3914	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3915	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3916	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	1	3917	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3918	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3919	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3920	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3921	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3922	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3923	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3924	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3925	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3926	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3927	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3928	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3929	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3930	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3931	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3932	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3933	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3934	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3935	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3936	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3937	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3938	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3939	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3940	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3941	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3942	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3943	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3944	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3945	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3946	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3947	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3948	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3949	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3950	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3951	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3952	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3953	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3954	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3955	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3956	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3957	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3958	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	1	3959	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3960	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3961	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3962	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3963	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3964	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3965	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3966	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3967	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3968	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3969	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3970	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3971	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3972	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3973	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3974	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3975	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3976	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3977	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3978	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3979	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3980	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3981	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3982	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3983	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3984	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3985	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3986	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3987	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3988	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3989	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3990	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3991	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3992	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3993	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3994	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3995	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3996	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3997	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3998	-	-	0/0/0/0	0/0/0/0
87	OHX	1	3999	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4000	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	1	4001	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4002	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4003	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4004	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4005	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4006	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4007	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4008	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4009	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4010	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4011	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4012	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4013	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4014	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4015	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4016	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4017	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4018	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4019	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4020	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4021	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4022	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4023	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4024	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4025	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4026	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4027	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4028	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4029	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4030	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4031	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4032	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4033	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4034	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4035	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4036	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4037	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4038	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4039	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4040	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4041	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4042	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	1	4043	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4044	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4045	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4046	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4047	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4048	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4049	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4050	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4051	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4052	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4053	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4054	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4055	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4056	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4057	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4058	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4059	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4060	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4061	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4062	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4063	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4064	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4065	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4066	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4067	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4068	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4069	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4070	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4071	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4072	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4073	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4074	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4075	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4076	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4077	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4078	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4079	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4080	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4081	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4082	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4083	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4084	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	1	4085	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4086	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4087	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4088	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4089	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4090	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4091	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4092	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4093	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4094	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4095	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4096	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4097	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4098	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4099	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4100	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4101	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4102	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4103	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4104	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4105	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4106	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4107	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4108	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4109	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4110	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4111	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4112	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4113	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4114	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4115	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4116	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4117	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4118	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4119	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4120	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4121	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4122	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4123	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4124	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4125	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4126	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	1	4127	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4128	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4129	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4130	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4131	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4132	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4133	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4134	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4135	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4136	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4137	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4138	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4139	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4140	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4141	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4142	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4143	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4144	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4145	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4146	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4147	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4148	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4149	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4150	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4151	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4152	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4153	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4154	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4155	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4156	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4157	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4158	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4159	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4160	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4161	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4162	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4163	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4164	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4165	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4166	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4167	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4168	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	1	4169	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4170	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4171	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4172	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4173	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4174	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4175	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4176	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4177	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4178	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4179	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4180	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4181	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4182	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4183	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4184	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4185	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4186	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4187	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4188	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4189	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4190	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4191	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4192	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4193	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4194	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4195	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4196	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4197	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4198	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4199	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4200	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4201	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4202	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4203	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4204	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4205	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4206	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4207	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4208	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4209	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4210	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	1	4211	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4212	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4213	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4214	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4215	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4216	-	-	0/0/0/0	0/0/0/0
87	OHX	1	4217	-	-	0/0/0/0	0/0/0/0
89	ANM	1	4218	-	-	0/10/23/23	0/2/2/2
87	OHX	2	2023	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2024	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2025	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2026	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2027	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2028	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2029	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2030	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2031	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2032	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2033	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2034	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2035	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2036	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2037	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2038	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2039	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2040	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2041	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2042	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2043	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2044	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2045	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2046	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2047	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2048	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2049	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2050	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2051	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2052	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2053	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2054	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2055	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2056	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	2	2057	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2058	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2059	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2060	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2061	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2062	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2063	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2064	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2065	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2066	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2067	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2068	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2069	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2070	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2071	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2072	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2073	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2074	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2075	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2076	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2077	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2078	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2079	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2080	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2081	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2082	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2083	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2084	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2085	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2086	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2087	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2088	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2089	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2090	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2091	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2092	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2093	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2094	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2095	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2096	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2097	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2098	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	2	2099	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2100	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2101	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2102	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2103	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2104	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2105	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2106	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2107	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2108	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2109	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2110	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2111	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2112	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2113	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2114	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2115	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2116	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2117	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2118	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2119	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2120	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2121	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2122	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2123	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2124	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2125	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2126	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2127	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2128	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2129	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2130	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2131	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2132	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2133	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2134	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2135	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2136	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2137	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2138	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2139	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2140	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	2	2141	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2142	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2143	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2144	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2145	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2146	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2147	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2148	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2149	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2150	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2151	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2152	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2153	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2154	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2155	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2156	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2157	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2158	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2159	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2160	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2161	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2162	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2163	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2164	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2165	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2166	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2167	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2168	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2169	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2170	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2171	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2172	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2173	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2174	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2175	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2176	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2177	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2178	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2179	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2180	-	-	0/0/0/0	0/0/0/0
87	OHX	2	2181	-	-	0/0/0/0	0/0/0/0
87	OHX	3	215	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	3	216	-	-	0/0/0/0	0/0/0/0
87	OHX	3	217	-	-	0/0/0/0	0/0/0/0
87	OHX	3	218	-	-	0/0/0/0	0/0/0/0
87	OHX	3	219	-	-	0/0/0/0	0/0/0/0
87	OHX	3	220	-	-	0/0/0/0	0/0/0/0
87	OHX	3	221	-	-	0/0/0/0	0/0/0/0
87	OHX	3	222	-	-	0/0/0/0	0/0/0/0
87	OHX	3	223	-	-	0/0/0/0	0/0/0/0
87	OHX	3	224	-	-	0/0/0/0	0/0/0/0
87	OHX	3	225	-	-	0/0/0/0	0/0/0/0
87	OHX	3	226	-	-	0/0/0/0	0/0/0/0
87	OHX	4	224	-	-	0/0/0/0	0/0/0/0
87	OHX	4	225	-	-	0/0/0/0	0/0/0/0
87	OHX	4	226	-	-	0/0/0/0	0/0/0/0
87	OHX	4	227	-	-	0/0/0/0	0/0/0/0
87	OHX	4	228	-	-	0/0/0/0	0/0/0/0
87	OHX	4	229	-	-	0/0/0/0	0/0/0/0
87	OHX	4	230	-	-	0/0/0/0	0/0/0/0
87	OHX	4	231	-	-	0/0/0/0	0/0/0/0
87	OHX	4	232	-	-	0/0/0/0	0/0/0/0
87	OHX	4	233	-	-	0/0/0/0	0/0/0/0
87	OHX	4	234	-	-	0/0/0/0	0/0/0/0
87	OHX	4	235	-	-	0/0/0/0	0/0/0/0
87	OHX	4	236	-	-	0/0/0/0	0/0/0/0
87	OHX	4	237	-	-	0/0/0/0	0/0/0/0
87	OHX	4	238	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3903	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3904	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3905	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3906	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3907	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3908	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3909	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3910	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3911	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3912	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3913	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3914	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3915	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3916	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3917	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3918	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	5	3919	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3920	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3921	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3922	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3923	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3924	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3925	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3926	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3927	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3928	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3929	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3930	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3931	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3932	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3933	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3934	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3935	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3936	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3937	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3938	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3939	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3940	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3941	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3942	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3943	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3944	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3945	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3946	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3947	87	-	0/0/0/0	0/0/0/0
87	OHX	5	3948	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3949	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3950	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3951	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3952	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3953	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3954	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3955	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3956	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3957	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3958	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3959	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3960	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	5	3961	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3962	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3963	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3964	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3965	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3966	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3967	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3968	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3969	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3970	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3971	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3972	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3973	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3974	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3975	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3976	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3977	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3978	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3979	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3980	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3981	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3982	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3983	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3984	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3985	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3986	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3987	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3988	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3989	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3990	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3991	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3992	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3993	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3994	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3995	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3996	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3997	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3998	-	-	0/0/0/0	0/0/0/0
87	OHX	5	3999	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4000	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4001	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4002	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	5	4003	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4004	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4005	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4006	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4007	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4008	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4009	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4010	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4011	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4012	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4013	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4014	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4015	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4016	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4017	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4018	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4019	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4020	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4021	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4022	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4023	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4024	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4025	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4026	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4027	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4028	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4029	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4030	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4031	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4032	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4033	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4034	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4035	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4036	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4037	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4038	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4039	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4040	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4041	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4042	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4043	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4044	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	5	4045	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4046	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4047	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4048	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4049	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4050	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4051	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4052	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4053	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4054	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4055	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4056	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4057	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4058	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4059	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4060	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4061	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4062	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4063	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4064	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4065	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4066	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4067	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4068	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4069	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4070	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4071	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4072	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4073	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4074	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4075	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4076	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4077	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4078	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4079	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4080	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4081	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4082	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4083	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4084	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4085	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4086	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	5	4087	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4088	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4089	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4090	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4091	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4092	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4093	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4094	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4095	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4096	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4097	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4098	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4099	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4100	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4101	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4102	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4103	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4104	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4105	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4106	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4107	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4108	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4109	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4110	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4111	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4112	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4113	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4114	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4115	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4116	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4117	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4118	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4119	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4120	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4121	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4122	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4123	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4124	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4125	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4126	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4127	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4128	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	5	4129	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4130	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4131	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4132	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4133	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4134	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4135	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4136	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4137	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4138	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4139	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4140	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4141	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4142	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4143	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4144	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4145	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4146	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4147	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4148	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4149	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4150	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4151	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4152	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4153	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4154	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4155	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4156	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4157	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4158	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4159	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4160	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4161	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4162	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4163	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4164	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4165	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4166	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4167	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4168	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4169	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4170	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	5	4171	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4172	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4173	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4174	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4175	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4176	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4177	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4178	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4179	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4180	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4181	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4182	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4183	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4184	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4185	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4186	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4187	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4188	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4189	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4190	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4191	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4192	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4193	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4194	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4195	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4196	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4197	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4198	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4199	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4200	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4201	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4202	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4203	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4204	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4205	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4206	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4207	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4208	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4209	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4210	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4211	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4212	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	5	4213	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4214	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4215	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4216	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4217	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4218	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4219	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4220	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4221	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4222	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4223	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4224	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4225	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4226	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4227	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4228	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4229	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4230	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4231	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4232	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4233	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4234	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4235	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4236	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4237	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4238	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4239	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4240	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4241	87	-	0/0/0/0	0/0/0/0
87	OHX	5	4242	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4243	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4244	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4245	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4246	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4247	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4248	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4249	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4250	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4251	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4252	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4253	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4254	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	5	4255	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4256	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4257	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4258	-	-	0/0/0/0	0/0/0/0
87	OHX	5	4259	-	-	0/0/0/0	0/0/0/0
89	ANM	5	4260	-	-	0/10/23/23	0/2/2/2
87	OHX	6	2044	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2045	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2046	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2047	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2048	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2049	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2050	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2051	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2052	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2053	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2054	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2055	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2056	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2057	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2058	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2059	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2060	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2061	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2062	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2063	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2064	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2065	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2066	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2067	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2068	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2069	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2070	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2071	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2072	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2073	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2074	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2075	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2076	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2077	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2078	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2079	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	6	2080	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2081	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2082	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2083	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2084	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2085	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2086	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2087	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2088	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2089	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2090	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2091	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2092	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2093	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2094	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2095	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2096	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2097	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2098	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2099	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2100	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2101	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2102	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2103	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2104	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2105	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2106	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2107	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2108	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2109	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2110	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2111	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2112	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2113	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2114	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2115	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2116	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2117	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2118	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2119	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2120	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2121	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	6	2122	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2123	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2124	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2125	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2126	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2127	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2128	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2129	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2130	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2131	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2132	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2133	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2134	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2135	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2136	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2137	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2138	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2139	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2140	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2141	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2142	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2143	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2144	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2145	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2146	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2147	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2148	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2149	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2150	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2151	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2152	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2153	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2154	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2155	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2156	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2157	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2158	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2159	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2160	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2161	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2162	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2163	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	6	2164	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2165	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2166	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2167	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2168	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2169	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2170	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2171	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2172	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2173	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2174	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2175	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2176	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2177	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2178	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2179	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2180	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2181	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2182	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2183	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2184	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2185	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2186	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2187	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2188	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2189	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2190	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2191	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2192	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2193	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2194	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2195	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2196	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2197	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2198	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2199	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2200	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2201	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2202	-	-	0/0/0/0	0/0/0/0
87	OHX	6	2203	-	-	0/0/0/0	0/0/0/0
87	OHX	7	215	-	-	0/0/0/0	0/0/0/0
87	OHX	7	216	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	7	217	-	-	0/0/0/0	0/0/0/0
87	OHX	7	218	-	-	0/0/0/0	0/0/0/0
87	OHX	7	219	-	-	0/0/0/0	0/0/0/0
87	OHX	7	220	-	-	0/0/0/0	0/0/0/0
87	OHX	7	221	-	-	0/0/0/0	0/0/0/0
87	OHX	7	222	-	-	0/0/0/0	0/0/0/0
87	OHX	7	223	-	-	0/0/0/0	0/0/0/0
87	OHX	7	224	-	-	0/0/0/0	0/0/0/0
87	OHX	7	225	-	-	0/0/0/0	0/0/0/0
87	OHX	8	213	-	-	0/0/0/0	0/0/0/0
87	OHX	8	214	-	-	0/0/0/0	0/0/0/0
87	OHX	8	215	-	-	0/0/0/0	0/0/0/0
87	OHX	8	216	-	-	0/0/0/0	0/0/0/0
87	OHX	8	217	-	-	0/0/0/0	0/0/0/0
87	OHX	8	218	-	-	0/0/0/0	0/0/0/0
87	OHX	8	219	-	-	0/0/0/0	0/0/0/0
87	OHX	8	220	-	-	0/0/0/0	0/0/0/0
87	OHX	8	221	-	-	0/0/0/0	0/0/0/0
87	OHX	8	222	-	-	0/0/0/0	0/0/0/0
87	OHX	8	223	-	-	0/0/0/0	0/0/0/0
87	OHX	8	224	-	-	0/0/0/0	0/0/0/0
87	OHX	8	225	-	-	0/0/0/0	0/0/0/0
87	OHX	8	226	-	-	0/0/0/0	0/0/0/0
87	OHX	C3	201	-	-	0/0/0/0	0/0/0/0
87	OHX	C5	201	-	-	0/0/0/0	0/0/0/0
87	OHX	C8	201	-	-	0/0/0/0	0/0/0/0
87	OHX	D9	102	-	-	0/0/0/0	0/0/0/0
87	OHX	L3	403	-	-	0/0/0/0	0/0/0/0
87	OHX	L3	404	-	-	0/0/0/0	0/0/0/0
87	OHX	L4	402	-	-	0/0/0/0	0/0/0/0
87	OHX	M0	303	-	-	0/0/0/0	0/0/0/0
87	OHX	M5	303	-	-	0/0/0/0	0/0/0/0
87	OHX	M6	202	-	-	0/0/0/0	0/0/0/0
87	OHX	M7	206	-	-	0/0/0/0	0/0/0/0
87	OHX	M7	207	-	-	0/0/0/0	0/0/0/0
87	OHX	M8	201	-	-	0/0/0/0	0/0/0/0
87	OHX	M9	202	-	-	0/0/0/0	0/0/0/0
87	OHX	N9	101	-	-	0/0/0/0	0/0/0/0
87	OHX	O1	202	-	-	0/0/0/0	0/0/0/0
87	OHX	O2	201	-	-	0/0/0/0	0/0/0/0
87	OHX	O3	201	-	-	0/0/0/0	0/0/0/0
87	OHX	O7	104	-	-	0/0/0/0	0/0/0/0

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
87	OHX	Q2	503	-	-	0/0/0/0	0/0/0/0
87	OHX	S8	302	-	-	0/0/0/0	0/0/0/0
87	OHX	SR	401	-	-	0/0/0/0	0/0/0/0
87	OHX	c3	201	-	-	0/0/0/0	0/0/0/0
87	OHX	c5	201	-	-	0/0/0/0	0/0/0/0
87	OHX	c8	202	-	-	0/0/0/0	0/0/0/0
87	OHX	d4	202	-	-	0/0/0/0	0/0/0/0
87	OHX	d9	102	-	-	0/0/0/0	0/0/0/0
87	OHX	l3	403	-	-	0/0/0/0	0/0/0/0
87	OHX	l3	404	-	-	0/0/0/0	0/0/0/0
87	OHX	l4	402	-	-	0/0/0/0	0/0/0/0
87	OHX	l4	403	-	-	0/0/0/0	0/0/0/0
87	OHX	l5	304	-	-	0/0/0/0	0/0/0/0
87	OHX	l5	305	-	-	0/0/0/0	0/0/0/0
87	OHX	l5	306	-	-	0/0/0/0	0/0/0/0
87	OHX	l9	600	-	-	0/0/0/0	0/0/0/0
87	OHX	m0	301	-	-	0/0/0/0	0/0/0/0
87	OHX	m0	302	-	-	0/0/0/0	0/0/0/0
87	OHX	m1	202	-	-	0/0/0/0	0/0/0/0
87	OHX	m4	201	-	-	0/0/0/0	0/0/0/0
87	OHX	m5	305	-	-	0/0/0/0	0/0/0/0
87	OHX	m6	202	-	-	0/0/0/0	0/0/0/0
87	OHX	m7	206	-	-	0/0/0/0	0/0/0/0
87	OHX	m8	201	-	-	0/0/0/0	0/0/0/0
87	OHX	n3	203	-	-	0/0/0/0	0/0/0/0
87	OHX	n9	102	-	-	0/0/0/0	0/0/0/0
87	OHX	o2	201	-	-	0/0/0/0	0/0/0/0
87	OHX	o3	202	-	-	0/0/0/0	0/0/0/0
87	OHX	o7	502	-	-	0/0/0/0	0/0/0/0
87	OHX	o9	101	-	-	0/0/0/0	0/0/0/0
87	OHX	q2	502	-	-	0/0/0/0	0/0/0/0
87	OHX	s1	302	-	-	0/0/0/0	0/0/0/0
87	OHX	s1	303	-	-	0/0/0/0	0/0/0/0
87	OHX	s4	301	-	-	0/0/0/0	0/0/0/0
87	OHX	s8	303	-	-	0/0/0/0	0/0/0/0
87	OHX	sR	401	-	-	0/0/0/0	0/0/0/0

All (3) bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
89	5	4260	ANM	C11-C10	2.73	1.43	1.38
89	5	4260	ANM	C13-C1	2.70	1.43	1.38

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Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
89	5	4260	ANM	O1-C9	2.24	1.42	1.37

The worst 5 of 8 bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
89	5	4260	ANM	C10-C9-C1	3.48	126.01	120.21
89	5	4260	ANM	O2-C2-C16	-3.37	102.23	110.31
89	5	4260	ANM	O2-C2-C3	-3.29	101.21	109.50
89	1	4218	ANM	O2-C2-C3	-3.26	101.28	109.50
89	5	4260	ANM	C13-C1-C9	-3.01	115.89	119.75

There are no chirality outliers.

There are no torsion outliers.

There are no ring outliers.

5.7 Other polymers ⓘ

There are no such residues in this entry.

5.8 Polymer linkage issues

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%)	-0.15	39 (2%) 59 12	49, 84, 160, 254	0
1	6	1795/1800 (99%)	-0.15	57 (3%) 45 9	38, 71, 169, 252	0
2	S0	206/251 (82%)	0.10	2 (0%) 79 22	87, 103, 117, 148	0
2	s0	206/251 (82%)	-0.14	2 (0%) 79 22	69, 87, 103, 110	0
3	S1	214/254 (84%)	0.76	27 (12%) 4 1	90, 120, 148, 161	0
3	s1	216/254 (85%)	0.09	1 (0%) 88 36	62, 77, 102, 114	0
4	S2	217/253 (85%)	-0.13	0 100 100	66, 82, 98, 117	0
4	s2	217/253 (85%)	-0.09	1 (0%) 88 36	52, 69, 88, 104	0
5	S3	223/239 (93%)	0.10	5 (2%) 59 12	72, 84, 112, 134	0
5	s3	223/239 (93%)	-0.12	1 (0%) 90 41	66, 93, 117, 123	0
6	S4	260/260 (100%)	0.26	7 (2%) 52 10	61, 83, 95, 128	0
6	s4	260/260 (100%)	0.12	4 (1%) 70 16	48, 72, 86, 117	0
7	S5	206/224 (91%)	0.49	8 (3%) 37 7	88, 109, 128, 142	0
7	s5	206/224 (91%)	0.59	13 (6%) 19 5	65, 89, 116, 131	0
8	S6	226/236 (95%)	0.31	10 (4%) 33 7	60, 96, 117, 139	0
8	s6	218/236 (92%)	0.06	4 (1%) 65 14	49, 77, 104, 127	0
9	S7	184/189 (97%)	0.26	4 (2%) 59 12	81, 112, 138, 146	0
9	s7	186/189 (98%)	0.22	6 (3%) 45 9	65, 97, 132, 145	0
10	S8	188/200 (94%)	0.38	3 (1%) 68 16	52, 69, 106, 127	0
10	s8	188/200 (94%)	0.36	3 (1%) 68 16	43, 63, 110, 128	0
11	S9	185/196 (94%)	0.96	21 (11%) 6 2	76, 91, 127, 160	0
11	s9	185/196 (94%)	0.65	13 (7%) 16 4	60, 75, 110, 145	0
12	C0	96/105 (91%)	0.07	1 (1%) 79 22	76, 97, 131, 144	0
12	c0	96/105 (91%)	0.58	7 (7%) 15 3	86, 117, 141, 162	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
13	C1	155/155 (100%)	0.17	9 (5%) 22 5	55, 68, 118, 135	0
13	c1	146/155 (94%)	-0.10	2 (1%) 72 18	46, 60, 97, 112	0
14	C2	124/142 (87%)	1.22	26 (20%) 1 1	118, 135, 160, 182	0
14	c2	124/142 (87%)	2.34	69 (55%) 0 0	157, 177, 196, 203	0
15	C3	150/150 (100%)	0.21	3 (2%) 62 12	64, 82, 99, 105	0
15	c3	150/150 (100%)	-0.00	0 100 100	53, 69, 87, 102	0
16	C4	127/136 (93%)	0.94	19 (14%) 3 1	63, 119, 138, 141	0
16	c4	128/136 (94%)	0.41	0 100 100	53, 78, 88, 92	0
17	C5	124/141 (87%)	0.19	0 100 100	72, 88, 129, 161	0
17	c5	135/141 (95%)	0.48	14 (10%) 7 2	70, 91, 118, 151	0
18	C6	141/142 (99%)	0.59	10 (7%) 16 4	78, 101, 109, 113	0
18	c6	142/142 (100%)	0.34	7 (4%) 28 6	61, 82, 99, 121	0
19	C7	120/136 (88%)	0.01	1 (0%) 83 26	85, 101, 128, 130	0
19	c7	117/136 (86%)	0.03	0 100 100	70, 85, 115, 122	0
20	C8	145/145 (100%)	0.07	3 (2%) 60 12	72, 97, 124, 132	0
20	c8	145/145 (100%)	-0.12	0 100 100	67, 81, 109, 127	0
21	C9	143/143 (100%)	0.56	4 (2%) 50 10	82, 98, 117, 128	0
21	c9	143/143 (100%)	0.24	0 100 100	61, 74, 96, 114	0
22	D0	107/120 (89%)	0.44	4 (3%) 39 8	70, 104, 139, 145	0
22	d0	110/120 (91%)	0.68	14 (12%) 4 1	61, 97, 137, 154	0
23	D1	87/87 (100%)	-0.08	0 100 100	83, 90, 110, 126	0
23	d1	87/87 (100%)	-0.15	1 (1%) 77 21	65, 73, 98, 113	0
24	D2	129/129 (100%)	0.15	0 100 100	65, 76, 84, 94	0
24	d2	129/129 (100%)	-0.19	0 100 100	50, 61, 68, 78	0
25	D3	144/144 (100%)	-0.09	0 100 100	54, 60, 73, 85	0
25	d3	144/144 (100%)	-0.15	0 100 100	44, 48, 63, 80	0
26	D4	134/134 (100%)	0.68	8 (5%) 21 5	70, 97, 114, 124	0
26	d4	134/134 (100%)	0.15	3 (2%) 59 12	55, 79, 94, 124	0
27	D5	70/107 (65%)	0.94	8 (11%) 6 2	104, 121, 134, 142	0
27	d5	69/107 (64%)	1.07	10 (14%) 3 1	80, 104, 121, 125	0
28	D6	97/97 (100%)	0.60	1 (1%) 79 22	68, 83, 141, 149	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
28	d6	97/97 (100%)	0.20	2 (2%) 60 12	50, 61, 93, 104	0
29	D7	81/81 (100%)	0.74	9 (11%) 6 2	79, 93, 128, 136	0
29	d7	81/81 (100%)	0.46	2 (2%) 54 11	63, 79, 124, 126	0
30	D8	63/66 (95%)	0.62	7 (11%) 6 2	102, 120, 136, 162	0
30	d8	63/66 (95%)	0.99	8 (12%) 4 1	82, 100, 119, 127	0
31	D9	53/55 (96%)	0.29	1 (1%) 64 13	70, 74, 95, 106	0
31	d9	53/55 (96%)	0.33	2 (3%) 38 7	65, 72, 111, 123	0
32	E0	60/60 (100%)	0.74	6 (10%) 8 2	59, 90, 129, 133	0
33	E1	71/76 (93%)	0.85	10 (14%) 3 1	94, 115, 132, 136	0
34	SR	318/318 (100%)	0.05	1 (0%) 91 48	64, 106, 128, 148	0
34	sR	318/318 (100%)	0.37	10 (3%) 47 9	86, 106, 125, 144	0
35	SM	159/273 (58%)	0.26	7 (4%) 33 7	62, 85, 134, 137	0
35	sM	104/273 (38%)	0.31	9 (8%) 10 3	56, 93, 172, 177	0
36	1	3149/3396 (92%)	-0.25	43 (1%) 72 18	26, 48, 130, 253	0
36	5	3150/3396 (92%)	-0.24	41 (1%) 74 19	27, 47, 120, 255	0
37	3	121/121 (100%)	-0.47	0 100 100	39, 67, 82, 88	0
37	7	121/121 (100%)	-0.51	0 100 100	31, 49, 63, 71	0
38	4	158/158 (100%)	-0.22	2 (1%) 74 19	32, 50, 90, 129	0
38	8	158/158 (100%)	-0.04	5 (3%) 45 9	38, 57, 95, 123	0
39	L2	252/253 (99%)	-0.05	1 (0%) 90 41	31, 46, 64, 74	0
39	l2	252/253 (99%)	-0.00	0 100 100	31, 49, 68, 80	0
40	L3	386/386 (100%)	-0.21	0 100 100	33, 52, 67, 96	0
40	l3	386/386 (100%)	-0.30	0 100 100	26, 39, 52, 84	0
41	L4	361/361 (100%)	-0.24	0 100 100	27, 42, 61, 75	0
41	l4	361/361 (100%)	-0.15	0 100 100	30, 47, 66, 83	0
42	L5	296/296 (100%)	0.36	5 (1%) 67 15	50, 74, 94, 118	0
42	l5	294/296 (99%)	-0.06	1 (0%) 91 48	38, 54, 83, 127	0
43	L6	156/175 (89%)	-0.07	0 100 100	38, 45, 66, 86	0
43	l6	157/175 (89%)	0.04	2 (1%) 74 19	39, 47, 69, 82	0
44	L7	222/243 (91%)	-0.26	0 100 100	31, 39, 68, 115	0
44	l7	223/243 (91%)	-0.28	0 100 100	29, 36, 78, 129	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
45	L8	233/255 (91%)	0.15	1 (0%) 90 41	53, 68, 105, 116	0
45	l8	231/255 (90%)	0.44	8 (3%) 42 8	65, 78, 105, 114	0
46	L9	191/191 (100%)	0.04	0 100 100	47, 60, 74, 96	0
46	l9	191/191 (100%)	-0.23	2 (1%) 79 22	34, 44, 66, 97	0
47	M0	211/220 (95%)	0.04	0 100 100	34, 51, 90, 103	0
47	m0	213/220 (96%)	0.14	4 (1%) 64 13	34, 57, 80, 99	0
48	M1	169/173 (97%)	0.02	1 (0%) 86 32	56, 77, 91, 105	0
48	m1	169/173 (97%)	-0.01	0 100 100	40, 59, 72, 84	0
49	M3	193/198 (97%)	-0.06	0 100 100	31, 51, 92, 117	0
49	m3	194/198 (97%)	0.04	0 100 100	39, 61, 97, 121	0
50	M4	136/137 (99%)	-0.33	0 100 100	40, 49, 63, 72	0
50	m4	137/137 (100%)	-0.30	0 100 100	36, 42, 62, 76	0
51	M5	203/203 (100%)	-0.23	0 100 100	30, 45, 55, 61	0
51	m5	203/203 (100%)	-0.09	1 (0%) 88 36	36, 53, 64, 70	0
52	M6	197/198 (99%)	-0.31	0 100 100	31, 40, 59, 63	0
52	m6	197/198 (99%)	-0.27	0 100 100	26, 31, 57, 64	0
53	M7	183/183 (100%)	-0.02	6 (3%) 44 8	34, 42, 105, 127	0
53	m7	155/183 (84%)	-0.17	0 100 100	28, 38, 51, 81	0
54	M8	185/185 (100%)	-0.26	0 100 100	32, 42, 54, 65	0
54	m8	185/185 (100%)	-0.16	0 100 100	35, 45, 54, 62	0
55	M9	188/188 (100%)	0.26	15 (7%) 12 3	47, 63, 154, 163	0
55	m9	188/188 (100%)	0.01	4 (2%) 60 12	45, 56, 131, 144	0
56	N0	172/172 (100%)	-0.21	1 (0%) 86 32	39, 47, 62, 70	0
56	n0	172/172 (100%)	-0.31	0 100 100	32, 39, 50, 60	0
57	N1	159/159 (100%)	-0.15	0 100 100	36, 47, 89, 97	0
57	n1	159/159 (100%)	-0.24	0 100 100	33, 40, 77, 86	0
58	N2	100/120 (83%)	0.29	4 (4%) 36 7	78, 95, 113, 123	0
58	n2	98/120 (81%)	0.34	1 (1%) 79 22	69, 84, 97, 101	0
59	N3	136/136 (100%)	-0.10	0 100 100	36, 47, 61, 72	0
59	n3	136/136 (100%)	-0.14	1 (0%) 84 28	27, 38, 55, 58	0
60	N4	98/155 (63%)	1.07	21 (21%) 1 1	47, 60, 151, 159	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
60	n4	135/155 (87%)	0.20	5 (3%) 39 8	37, 85, 116, 135	0
61	N5	121/141 (85%)	-0.21	0 100 100	43, 57, 74, 108	0
61	n5	120/141 (85%)	-0.13	1 (0%) 83 26	46, 62, 81, 89	0
62	N6	126/126 (100%)	0.14	0 100 100	35, 52, 65, 75	0
62	n6	126/126 (100%)	0.49	3 (2%) 56 11	42, 56, 74, 81	0
63	N7	135/135 (100%)	0.45	2 (1%) 70 16	65, 81, 95, 106	0
63	n7	135/135 (100%)	0.38	2 (1%) 70 16	71, 87, 108, 120	0
64	N8	148/148 (100%)	-0.22	0 100 100	26, 44, 68, 80	0
64	n8	148/148 (100%)	-0.07	0 100 100	30, 48, 69, 73	0
65	N9	58/58 (100%)	-0.15	0 100 100	34, 51, 102, 120	0
65	n9	58/58 (100%)	-0.23	0 100 100	31, 49, 78, 92	0
66	O0	97/104 (93%)	-0.02	0 100 100	63, 72, 97, 105	0
66	o0	100/104 (96%)	-0.18	0 100 100	64, 75, 103, 114	0
67	O1	109/112 (97%)	0.00	0 100 100	44, 57, 94, 110	0
67	o1	109/112 (97%)	0.13	1 (0%) 81 24	37, 49, 87, 107	0
68	O2	127/129 (98%)	0.01	1 (0%) 83 26	24, 39, 50, 71	0
68	o2	127/129 (98%)	0.03	1 (0%) 83 26	25, 44, 57, 74	0
69	O3	106/106 (100%)	-0.23	0 100 100	32, 38, 57, 67	0
69	o3	106/106 (100%)	-0.15	1 (0%) 81 24	29, 36, 61, 74	0
70	O4	112/119 (94%)	0.44	4 (3%) 41 8	44, 62, 104, 116	0
70	o4	112/119 (94%)	0.05	0 100 100	44, 64, 107, 117	0
71	O5	119/119 (100%)	0.08	1 (0%) 83 26	41, 60, 68, 70	0
71	o5	119/119 (100%)	-0.16	1 (0%) 83 26	50, 66, 76, 81	0
72	O6	99/99 (100%)	0.19	3 (3%) 48 9	49, 60, 92, 109	0
72	o6	99/99 (100%)	0.62	5 (5%) 27 6	55, 68, 91, 115	0
73	O7	87/87 (100%)	-0.09	1 (1%) 77 21	32, 38, 68, 97	0
73	o7	87/87 (100%)	0.00	2 (2%) 57 12	37, 41, 74, 110	0
74	O8	77/77 (100%)	0.33	0 100 100	68, 82, 106, 117	0
74	o8	77/77 (100%)	1.01	8 (10%) 7 2	70, 86, 107, 112	0
75	O9	50/50 (100%)	-0.15	0 100 100	41, 45, 53, 58	0
75	o9	50/50 (100%)	-0.24	0 100 100	43, 49, 60, 67	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
76	Q0	52/52 (100%)	0.21	1 (1%) 64 13	45, 50, 74, 84	0
76	q0	52/52 (100%)	0.03	1 (1%) 64 13	30, 37, 49, 58	0
77	Q1	25/25 (100%)	0.03	1 (4%) 36 7	49, 53, 62, 64	0
77	q1	25/25 (100%)	-0.22	0 100 100	39, 45, 56, 64	0
78	Q2	105/105 (100%)	0.15	0 100 100	33, 51, 75, 112	0
78	q2	105/105 (100%)	0.02	0 100 100	37, 48, 66, 100	0
79	Q3	91/91 (100%)	-0.28	0 100 100	38, 49, 67, 83	0
79	q3	91/91 (100%)	-0.17	0 100 100	37, 49, 65, 76	0
80	e0	62/62 (100%)	0.26	1 (1%) 68 16	52, 76, 115, 124	0
81	e1	76/76 (100%)	1.86	26 (34%) 1 0	133, 145, 162, 169	0
82	m2	0/160	-	-	-	-
83	p0	143/311 (45%)	0.73	8 (5%) 24 5	84, 102, 169, 178	0
84	p1	0/47	-	-	-	-
85	p2	0/46	-	-	-	-
All	All	33063/35344 (93%)	0.02	779 (2%) 56 11	24, 64, 126, 255	0

The worst 5 of 779 RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
81	e1	77	ALA	12.4
60	N4	76	VAL	9.2
14	c2	20	ALA	8.3
11	S9	181	ALA	7.9
81	e1	80	ARG	7.8

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 carbohydrates 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. LLDF column lists the quality of electron density of the group with respect to its neighbouring residues in protein, DNA or RNA chains. 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	RSR	LLDF	B-factors(Å ²)	Q<0.9
86	MG	8	211	1/1	0.85	684.00	66,66,66,66	0
86	MG	6	1945	1/1	0.44	619.00	40,40,40,40	0
86	MG	1	3402	1/1	0.89	469.67	57,57,57,57	0
86	MG	5	3785	1/1	0.68	445.00	76,76,76,76	0
86	MG	5	3451	1/1	0.36	381.00	40,40,40,40	0
86	MG	5	3486	1/1	0.52	357.00	47,47,47,47	0
86	MG	8	209	1/1	0.52	281.96	63,63,63,63	0
86	MG	1	3842	1/1	0.71	274.50	50,50,50,50	0
86	MG	2	1953	1/1	0.39	265.00	105,105,105,105	0
86	MG	5	3676	1/1	0.62	228.50	44,44,44,44	0
86	MG	1	3419	1/1	0.25	211.00	82,82,82,82	0
86	MG	2	2010	1/1	0.80	189.00	76,76,76,76	0
86	MG	3	205	1/1	0.39	180.67	36,36,36,36	0
86	MG	6	2016	1/1	0.69	170.67	49,49,49,49	0
86	MG	1	3755	1/1	0.25	161.00	41,41,41,41	0
86	MG	2	1988	1/1	0.31	160.00	66,66,66,66	0
86	MG	2	1966	1/1	0.53	157.18	82,82,82,82	0
86	MG	6	1903	1/1	0.73	151.93	47,47,47,47	0
86	MG	1	3523	1/1	0.85	150.52	55,55,55,55	0
86	MG	6	1928	1/1	0.62	148.43	67,67,67,67	0
86	MG	5	3482	1/1	0.39	141.00	61,61,61,61	0
86	MG	1	3683	1/1	0.28	138.00	49,49,49,49	0
86	MG	6	1933	1/1	0.65	136.43	65,65,65,65	0
86	MG	1	3848	1/1	0.76	121.60	61,61,61,61	0
86	MG	1	3849	1/1	0.80	117.67	52,52,52,52	0
86	MG	2	1973	1/1	0.79	113.25	75,75,75,75	0
86	MG	1	3704	1/1	0.62	112.25	49,49,49,49	0
86	MG	5	3480	1/1	0.89	107.28	64,64,64,64	0
86	MG	2	1923	1/1	0.79	107.25	59,59,59,59	0
86	MG	5	3760	1/1	0.20	101.00	41,41,41,41	0
86	MG	5	3770	1/1	0.93	97.93	41,41,41,41	0
86	MG	1	3620	1/1	0.48	97.29	60,60,60,60	0
86	MG	1	3856	1/1	1.23	96.82	93,93,93,93	0
86	MG	1	3676	1/1	0.84	96.53	69,69,69,69	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	2	1921	1/1	0.56	94.16	47,47,47,47	0
86	MG	5	3621	1/1	0.50	87.37	41,41,41,41	0
86	MG	8	203	1/1	0.79	84.91	45,45,45,45	0
86	MG	1	3440	1/1	0.81	84.33	39,39,39,39	0
86	MG	2	1981	1/1	0.76	84.17	60,60,60,60	0
86	MG	5	3673	1/1	0.45	83.35	51,51,51,51	0
86	MG	2	1957	1/1	0.48	82.43	72,72,72,72	0
86	MG	5	3655	1/1	0.45	80.64	66,66,66,66	0
86	MG	5	3410	1/1	0.33	79.76	52,52,52,52	0
86	MG	6	1901	1/1	0.56	79.12	47,47,47,47	0
86	MG	4	201	1/1	0.64	74.23	50,50,50,50	0
86	MG	3	202	1/1	0.50	73.24	56,56,56,56	0
86	MG	1	3508	1/1	0.68	73.21	30,30,30,30	0
86	MG	6	2040	1/1	0.39	72.43	48,48,48,48	0
86	MG	1	3827	1/1	0.52	72.11	49,49,49,49	0
86	MG	1	3500	1/1	1.28	70.58	73,73,73,73	0
86	MG	5	3521	1/1	0.81	68.65	40,40,40,40	0
86	MG	5	3899	1/1	0.52	68.57	51,51,51,51	0
86	MG	6	1944	1/1	0.57	68.53	62,62,62,62	0
86	MG	1	3660	1/1	0.76	67.23	45,45,45,45	0
86	MG	N5	201	1/1	0.23	65.00	73,73,73,73	0
86	MG	5	3585	1/1	0.40	64.19	36,36,36,36	0
86	MG	5	3788	1/1	0.43	64.14	31,31,31,31	0
86	MG	1	3729	1/1	0.90	63.37	36,36,36,36	0
86	MG	5	3598	1/1	0.51	62.36	31,31,31,31	0
86	MG	6	1926	1/1	0.57	62.27	51,51,51,51	0
86	MG	1	3547	1/1	0.17	61.16	61,61,61,61	0
86	MG	5	3413	1/1	0.56	60.71	29,29,29,29	0
86	MG	5	3630	1/1	0.54	60.40	35,35,35,35	0
86	MG	6	2026	1/1	0.59	60.35	87,87,87,87	0
86	MG	5	3461	1/1	0.54	59.87	42,42,42,42	0
86	MG	5	3790	1/1	1.23	59.31	89,89,89,89	0
86	MG	6	2038	1/1	0.60	58.87	66,66,66,66	0
86	MG	5	3862	1/1	0.50	58.85	81,81,81,81	0
86	MG	2	1925	1/1	0.81	58.73	67,67,67,67	0
86	MG	4	222	1/1	0.54	58.71	89,89,89,89	0
86	MG	6	2043	1/1	0.22	58.33	71,71,71,71	0
86	MG	5	3887	1/1	0.41	58.11	91,91,91,91	0
86	MG	c7	202	1/1	0.52	58.08	72,72,72,72	0
86	MG	5	3517	1/1	0.29	56.93	36,36,36,36	0
86	MG	5	3764	1/1	0.53	55.87	48,48,48,48	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	5	3487	1/1	0.48	55.64	50,50,50,50	0
86	MG	1	3599	1/1	0.60	55.53	40,40,40,40	0
86	MG	6	1920	1/1	1.24	55.32	63,63,63,63	0
86	MG	5	3557	1/1	0.58	54.85	47,47,47,47	0
86	MG	2	1903	1/1	0.76	54.37	46,46,46,46	0
86	MG	5	3444	1/1	0.38	54.25	41,41,41,41	0
86	MG	4	217	1/1	0.54	53.34	67,67,67,67	0
86	MG	1	3480	1/1	0.53	52.88	71,71,71,71	0
86	MG	6	2011	1/1	0.54	52.33	62,62,62,62	0
86	MG	6	1937	1/1	0.51	52.02	42,42,42,42	0
86	MG	5	3644	1/1	0.73	51.51	58,58,58,58	0
86	MG	5	3869	1/1	0.41	50.82	54,54,54,54	0
86	MG	6	1921	1/1	0.49	50.70	48,48,48,48	0
87	OHX	1	4145	7/7	0.37	50.27	134,134,134,134	0
86	MG	5	3575	1/1	0.34	49.94	39,39,39,39	0
86	MG	1	3597	1/1	0.64	49.94	21,21,21,21	0
86	MG	1	3556	1/1	0.71	49.80	31,31,31,31	0
86	MG	5	3452	1/1	0.77	48.86	44,44,44,44	0
86	MG	5	3880	1/1	0.44	48.83	43,43,43,43	0
86	MG	5	3632	1/1	0.45	48.68	75,75,75,75	0
86	MG	1	3592	1/1	0.49	48.63	39,39,39,39	0
86	MG	1	3475	1/1	0.28	48.38	74,74,74,74	0
86	MG	1	3538	1/1	0.72	48.12	36,36,36,36	0
86	MG	1	3600	1/1	0.56	47.42	24,24,24,24	0
86	MG	5	3738	1/1	0.35	47.36	66,66,66,66	0
86	MG	5	3648	1/1	0.81	47.22	55,55,55,55	0
86	MG	1	3796	1/1	0.58	46.93	41,41,41,41	0
86	MG	5	3478	1/1	0.51	46.50	64,64,64,64	0
86	MG	4	221	1/1	0.86	46.50	54,54,54,54	0
86	MG	1	3409	1/1	0.45	46.37	31,31,31,31	0
86	MG	6	2010	1/1	0.39	45.78	56,56,56,56	0
86	MG	1	3532	1/1	0.46	45.58	26,26,26,26	0
86	MG	1	3636	1/1	0.51	45.51	65,65,65,65	0
87	OHX	1	4194	7/7	0.46	45.10	135,135,135,135	0
86	MG	2	1971	1/1	0.49	44.89	71,71,71,71	0
86	MG	5	3855	1/1	0.37	44.60	48,48,48,48	0
86	MG	1	3861	1/1	0.30	44.50	55,55,55,55	0
86	MG	2	1902	1/1	0.61	44.12	40,40,40,40	0
86	MG	1	3460	1/1	0.51	44.08	31,31,31,31	0
86	MG	2	1905	1/1	0.72	43.97	63,63,63,63	0
86	MG	1	3559	1/1	0.45	43.15	52,52,52,52	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	1	3866	1/1	0.49	42.69	67,67,67,67	0
86	MG	5	3886	1/1	0.65	42.38	55,55,55,55	0
86	MG	1	3459	1/1	0.78	42.24	66,66,66,66	0
86	MG	4	212	1/1	0.53	42.18	55,55,55,55	0
86	MG	1	3412	1/1	0.41	42.16	38,38,38,38	0
86	MG	5	3853	1/1	0.75	41.95	53,53,53,53	0
86	MG	5	3554	1/1	0.95	41.87	48,48,48,48	0
86	MG	6	2031	1/1	0.55	41.77	65,65,65,65	0
86	MG	7	214	1/1	0.32	41.25	55,55,55,55	0
86	MG	1	3678	1/1	0.25	41.20	46,46,46,46	0
86	MG	1	3572	1/1	0.64	41.15	42,42,42,42	0
86	MG	5	3889	1/1	0.53	41.12	56,56,56,56	0
86	MG	5	3730	1/1	0.41	41.10	45,45,45,45	0
86	MG	5	3755	1/1	0.40	40.69	49,49,49,49	0
86	MG	1	3722	1/1	0.31	40.65	52,52,52,52	0
86	MG	2	1924	1/1	0.64	40.53	79,79,79,79	0
86	MG	1	3815	1/1	0.30	40.42	48,48,48,48	0
86	MG	2	2001	1/1	0.89	40.13	107,107,107,107	0
86	MG	6	1924	1/1	0.68	39.85	104,104,104,104	0
86	MG	2	1956	1/1	0.68	39.80	59,59,59,59	0
86	MG	2	1946	1/1	0.53	39.78	80,80,80,80	0
86	MG	2	1975	1/1	1.00	39.42	81,81,81,81	0
86	MG	7	209	1/1	0.24	39.00	44,44,44,44	0
86	MG	6	1950	1/1	0.49	38.99	42,42,42,42	0
86	MG	5	3576	1/1	0.48	38.89	26,26,26,26	0
86	MG	6	1930	1/1	0.68	38.78	55,55,55,55	0
86	MG	6	1997	1/1	0.51	38.61	58,58,58,58	0
86	MG	5	3488	1/1	0.78	38.46	31,31,31,31	0
86	MG	1	3591	1/1	0.47	38.42	40,40,40,40	0
86	MG	1	3780	1/1	0.61	38.13	56,56,56,56	0
86	MG	1	3661	1/1	0.64	38.08	35,35,35,35	0
86	MG	5	3736	1/1	0.40	38.05	65,65,65,65	0
87	OHX	5	4237	7/7	0.21	37.97	173,173,173,173	0
86	MG	5	3628	1/1	0.34	37.93	51,51,51,51	0
86	MG	1	3690	1/1	0.85	37.58	57,57,57,57	0
86	MG	5	3539	1/1	0.60	37.47	37,37,37,37	0
86	MG	5	3572	1/1	0.64	37.04	27,27,27,27	0
86	MG	5	3582	1/1	0.38	37.02	33,33,33,33	0
86	MG	1	3576	1/1	0.57	37.01	21,21,21,21	0
86	MG	1	3853	1/1	0.38	37.00	53,53,53,53	0
86	MG	6	2029	1/1	0.55	36.24	62,62,62,62	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	6	2032	1/1	0.47	36.17	81,81,81,81	0
86	MG	1	3474	1/1	0.50	36.01	26,26,26,26	0
86	MG	4	205	1/1	0.60	35.83	44,44,44,44	0
86	MG	2	1917	1/1	0.52	35.75	56,56,56,56	0
86	MG	1	3525	1/1	0.52	35.58	42,42,42,42	0
86	MG	1	3519	1/1	0.54	35.58	27,27,27,27	0
86	MG	1	3589	1/1	0.74	35.49	30,30,30,30	0
86	MG	1	3819	1/1	0.76	35.47	105,105,105,105	0
86	MG	5	3864	1/1	0.64	35.26	82,82,82,82	0
86	MG	5	3525	1/1	0.51	35.21	30,30,30,30	0
86	MG	5	3592	1/1	0.57	35.18	41,41,41,41	0
86	MG	4	203	1/1	0.69	35.06	54,54,54,54	0
86	MG	5	3445	1/1	0.38	35.00	43,43,43,43	0
86	MG	1	3574	1/1	0.56	34.89	34,34,34,34	0
86	MG	5	3608	1/1	0.46	34.81	29,29,29,29	0
86	MG	6	1959	1/1	0.49	34.73	59,59,59,59	0
87	OHX	5	4135	7/7	0.23	34.65	121,121,121,121	0
86	MG	1	3507	1/1	0.77	34.52	40,40,40,40	0
86	MG	5	3457	1/1	0.54	34.41	33,33,33,33	0
86	MG	2	2012	1/1	0.57	34.34	65,65,65,65	0
86	MG	1	3491	1/1	0.48	34.33	44,44,44,44	0
86	MG	5	3403	1/1	0.48	34.33	52,52,52,52	0
86	MG	4	202	1/1	0.66	34.01	56,56,56,56	0
86	MG	6	1911	1/1	0.52	34.00	77,77,77,77	0
86	MG	6	1948	1/1	0.53	33.96	43,43,43,43	0
86	MG	2	1916	1/1	0.51	33.89	51,51,51,51	0
86	MG	1	3515	1/1	0.49	33.81	30,30,30,30	0
86	MG	6	2041	1/1	0.57	33.75	52,52,52,52	0
86	MG	2	1932	1/1	0.50	33.70	55,55,55,55	0
86	MG	5	3507	1/1	0.63	33.68	34,34,34,34	0
86	MG	5	3518	1/1	0.69	33.61	26,26,26,26	0
86	MG	1	3596	1/1	0.71	33.09	28,28,28,28	0
86	MG	1	3494	1/1	0.20	33.00	78,78,78,78	0
86	MG	1	3442	1/1	0.53	32.94	25,25,25,25	0
86	MG	3	204	1/1	0.44	32.77	47,47,47,47	0
86	MG	1	3867	1/1	0.54	32.74	63,63,63,63	0
86	MG	2	1908	1/1	0.35	32.71	70,70,70,70	0
86	MG	5	3531	1/1	0.73	32.66	26,26,26,26	0
86	MG	1	3512	1/1	0.79	32.45	41,41,41,41	0
86	MG	5	3666	1/1	0.60	32.37	43,43,43,43	0
86	MG	1	3498	1/1	0.36	32.10	43,43,43,43	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	2	1958	1/1	0.71	32.09	79,79,79,79	0
86	MG	1	3653	1/1	0.32	31.81	66,66,66,66	0
86	MG	6	1967	1/1	0.46	31.59	72,72,72,72	0
86	MG	5	3784	1/1	0.47	31.51	82,82,82,82	0
86	MG	1	3429	1/1	0.64	31.31	42,42,42,42	0
87	OHX	5	4195	7/7	0.46	31.27	112,112,112,112	0
86	MG	6	1910	1/1	0.45	31.24	49,49,49,49	0
86	MG	2	1965	1/1	0.48	31.24	62,62,62,62	0
86	MG	5	3599	1/1	0.51	31.19	31,31,31,31	0
86	MG	1	3463	1/1	0.57	31.17	31,31,31,31	0
86	MG	5	3664	1/1	0.80	31.15	58,58,58,58	0
86	MG	1	3845	1/1	0.59	31.14	49,49,49,49	0
86	MG	5	3438	1/1	0.54	31.08	32,32,32,32	0
86	MG	7	201	1/1	0.43	31.01	38,38,38,38	0
86	MG	7	202	1/1	0.41	30.99	28,28,28,28	0
86	MG	6	1972	1/1	0.61	30.96	52,52,52,52	0
86	MG	6	1956	1/1	0.58	30.90	46,46,46,46	0
86	MG	5	3578	1/1	0.48	30.89	36,36,36,36	0
86	MG	1	3647	1/1	0.35	30.54	37,37,37,37	0
86	MG	1	3565	1/1	0.57	30.29	42,42,42,42	0
86	MG	1	3691	1/1	0.44	30.19	36,36,36,36	0
86	MG	7	205	1/1	0.54	30.18	31,31,31,31	0
86	MG	1	3543	1/1	0.62	30.12	35,35,35,35	0
86	MG	5	3857	1/1	0.45	30.11	58,58,58,58	0
86	MG	6	1943	1/1	0.53	30.10	40,40,40,40	0
86	MG	5	3652	1/1	0.66	30.09	71,71,71,71	0
86	MG	5	3447	1/1	0.37	30.07	56,56,56,56	0
86	MG	5	3421	1/1	0.43	29.92	38,38,38,38	0
86	MG	1	3413	1/1	0.91	29.88	59,59,59,59	0
86	MG	5	3875	1/1	0.69	29.84	37,37,37,37	0
86	MG	5	3553	1/1	0.56	29.66	44,44,44,44	0
86	MG	5	3527	1/1	0.82	29.50	34,34,34,34	0
86	MG	5	3877	1/1	0.46	29.46	51,51,51,51	0
86	MG	2	1936	1/1	0.57	29.38	49,49,49,49	0
86	MG	1	3496	1/1	0.38	29.28	46,46,46,46	0
86	MG	5	3546	1/1	0.82	29.27	49,49,49,49	0
86	MG	1	3527	1/1	0.39	29.17	30,30,30,30	0
86	MG	6	1925	1/1	0.62	29.16	40,40,40,40	0
86	MG	1	3421	1/1	0.61	29.08	38,38,38,38	0
86	MG	2	1918	1/1	0.55	29.06	51,51,51,51	0
86	MG	5	3711	1/1	0.35	29.00	85,85,85,85	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	5	3505	1/1	0.32	28.86	49,49,49,49	0
86	MG	1	3528	1/1	0.54	28.83	31,31,31,31	0
86	MG	5	3552	1/1	0.51	28.69	32,32,32,32	0
86	MG	5	3797	1/1	0.36	28.67	86,86,86,86	0
86	MG	5	3571	1/1	0.68	28.55	29,29,29,29	0
86	MG	6	1931	1/1	0.48	28.48	58,58,58,58	0
86	MG	1	3563	1/1	0.56	28.45	27,27,27,27	0
86	MG	1	3580	1/1	0.44	28.38	37,37,37,37	0
86	MG	5	3794	1/1	0.42	28.36	55,55,55,55	0
86	MG	1	3622	1/1	0.29	28.33	41,41,41,41	0
86	MG	6	1922	1/1	0.34	28.17	53,53,53,53	0
86	MG	1	3549	1/1	0.46	28.04	44,44,44,44	0
86	MG	1	3806	1/1	0.34	27.86	57,57,57,57	0
86	MG	5	3490	1/1	0.46	27.85	51,51,51,51	0
86	MG	1	3613	1/1	0.31	27.69	45,45,45,45	0
86	MG	2	1938	1/1	0.52	27.66	62,62,62,62	0
86	MG	1	3530	1/1	0.48	27.58	36,36,36,36	0
86	MG	6	1916	1/1	0.46	27.50	62,62,62,62	0
86	MG	1	3557	1/1	0.52	27.50	37,37,37,37	0
86	MG	1	3846	1/1	0.45	27.48	50,50,50,50	0
86	MG	8	210	1/1	0.90	27.47	53,53,53,53	0
86	MG	1	3526	1/1	0.39	27.42	27,27,27,27	0
86	MG	1	3562	1/1	0.69	27.30	38,38,38,38	0
86	MG	5	3590	1/1	0.52	27.24	27,27,27,27	0
86	MG	1	3862	1/1	0.63	27.20	58,58,58,58	0
86	MG	5	3519	1/1	0.55	27.18	27,27,27,27	0
86	MG	5	3638	1/1	0.53	27.18	53,53,53,53	0
86	MG	6	1958	1/1	0.43	27.04	52,52,52,52	0
87	OHX	1	4131	7/7	0.32	26.96	149,149,149,149	0
86	MG	3	207	1/1	0.36	26.91	66,66,66,66	0
86	MG	6	1912	1/1	0.71	26.50	50,50,50,50	0
86	MG	5	3609	1/1	0.46	26.47	31,31,31,31	0
86	MG	1	3513	1/1	0.57	26.47	25,25,25,25	0
86	MG	5	3532	1/1	0.52	26.39	47,47,47,47	0
86	MG	5	3427	1/1	0.39	26.30	42,42,42,42	0
86	MG	1	3418	1/1	0.57	26.27	48,48,48,48	0
87	OHX	5	4217	7/7	0.26	26.23	140,140,140,140	0
86	MG	2	1974	1/1	0.34	26.18	65,65,65,65	0
86	MG	2	1937	1/1	0.58	26.01	55,55,55,55	0
86	MG	5	3765	1/1	0.28	26.00	75,75,75,75	0
86	MG	5	3560	1/1	0.42	25.95	30,30,30,30	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	1	3723	1/1	0.59	25.86	42,42,42,42	0
86	MG	7	203	1/1	0.36	25.79	52,52,52,52	0
86	MG	S2	302	1/1	0.70	25.76	69,69,69,69	0
86	MG	5	3746	1/1	0.38	25.74	32,32,32,32	0
86	MG	c7	201	1/1	0.56	25.71	71,71,71,71	0
86	MG	1	3695	1/1	0.42	25.66	41,41,41,41	0
86	MG	5	3439	1/1	0.59	25.51	38,38,38,38	0
86	MG	5	3800	1/1	0.66	25.49	75,75,75,75	0
86	MG	5	3436	1/1	0.49	25.39	46,46,46,46	0
86	MG	5	3543	1/1	0.35	25.34	30,30,30,30	0
87	OHX	1	4167	7/7	0.28	25.31	147,147,147,147	0
86	MG	5	3540	1/1	0.47	25.24	21,21,21,21	0
86	MG	1	3535	1/1	0.61	25.21	29,29,29,29	0
86	MG	1	3616	1/1	0.56	25.08	39,39,39,39	0
86	MG	6	2017	1/1	0.46	25.06	51,51,51,51	0
86	MG	5	3498	1/1	0.31	24.92	43,43,43,43	0
86	MG	5	3448	1/1	0.43	24.85	64,64,64,64	0
86	MG	1	3835	1/1	0.61	24.80	23,23,23,23	0
86	MG	1	3658	1/1	0.36	24.75	39,39,39,39	0
86	MG	1	3821	1/1	0.50	24.71	44,44,44,44	0
86	MG	6	1913	1/1	0.48	24.67	36,36,36,36	0
86	MG	5	3550	1/1	0.52	24.62	41,41,41,41	0
86	MG	5	3542	1/1	0.42	24.56	34,34,34,34	0
86	MG	5	3891	1/1	0.46	24.56	82,82,82,82	0
87	OHX	5	4236	7/7	0.44	24.55	121,121,121,121	0
86	MG	5	3441	1/1	0.31	24.50	32,32,32,32	0
86	MG	1	3763	1/1	0.34	24.47	39,39,39,39	0
86	MG	2	1949	1/1	0.38	24.47	57,57,57,57	0
86	MG	6	1908	1/1	0.45	24.43	45,45,45,45	0
86	MG	1	3441	1/1	0.44	24.40	41,41,41,41	0
86	MG	1	3840	1/1	0.50	24.33	33,33,33,33	0
86	MG	2	1928	1/1	0.44	24.23	78,78,78,78	0
86	MG	1	3588	1/1	0.48	24.17	36,36,36,36	0
86	MG	5	3568	1/1	0.52	24.08	28,28,28,28	0
86	MG	5	3563	1/1	0.50	24.05	28,28,28,28	0
86	MG	5	3594	1/1	0.55	24.04	33,33,33,33	0
86	MG	5	3579	1/1	0.61	23.99	41,41,41,41	0
86	MG	n3	201	1/1	0.42	23.95	26,26,26,26	0
86	MG	2	1913	1/1	0.43	23.88	65,65,65,65	0
86	MG	1	3801	1/1	0.45	23.84	48,48,48,48	0
86	MG	3	206	1/1	0.57	23.66	36,36,36,36	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	1	4171	7/7	0.28	23.58	113,113,113,113	0
86	MG	5	3564	1/1	0.75	23.55	36,36,36,36	0
86	MG	1	3598	1/1	0.52	23.47	27,27,27,27	0
86	MG	1	3860	1/1	0.57	23.34	91,91,91,91	0
86	MG	5	3573	1/1	0.46	23.30	39,39,39,39	0
86	MG	5	3433	1/1	0.46	23.18	75,75,75,75	0
86	MG	5	3897	1/1	0.26	23.18	61,61,61,61	0
86	MG	5	3583	1/1	0.51	23.08	36,36,36,36	0
86	MG	6	1953	1/1	0.56	22.99	58,58,58,58	0
86	MG	5	3501	1/1	0.31	22.99	27,27,27,27	0
86	MG	5	3639	1/1	0.79	22.92	44,44,44,44	0
87	OHX	1	4181	7/7	0.34	22.91	119,119,119,119	0
86	MG	1	3466	1/1	0.35	22.84	51,51,51,51	0
86	MG	1	3540	1/1	0.60	22.77	26,26,26,26	0
86	MG	5	3535	1/1	0.62	22.71	37,37,37,37	0
86	MG	1	3524	1/1	0.61	22.58	29,29,29,29	0
86	MG	6	2025	1/1	0.50	22.58	59,59,59,59	0
86	MG	8	202	1/1	0.98	22.46	60,60,60,60	0
86	MG	5	3659	1/1	0.25	22.46	47,47,47,47	0
86	MG	6	2039	1/1	0.58	22.41	70,70,70,70	0
86	MG	6	1919	1/1	0.43	22.33	44,44,44,44	0
86	MG	2	1926	1/1	0.53	22.32	86,86,86,86	0
86	MG	5	3473	1/1	0.34	22.26	61,61,61,61	0
86	MG	1	3570	1/1	0.51	22.12	26,26,26,26	0
86	MG	1	3710	1/1	0.47	22.12	35,35,35,35	0
86	MG	1	3553	1/1	0.60	22.06	37,37,37,37	0
86	MG	5	3888	1/1	0.25	21.89	28,28,28,28	0
86	MG	5	3417	1/1	0.70	21.87	24,24,24,24	0
86	MG	6	1980	1/1	0.30	21.80	65,65,65,65	0
86	MG	1	3651	1/1	0.56	21.80	66,66,66,66	0
87	OHX	5	4226	7/7	0.33	21.64	130,130,130,130	0
86	MG	1	3741	1/1	0.34	21.56	52,52,52,52	0
86	MG	5	3584	1/1	0.45	21.47	44,44,44,44	0
86	MG	1	3560	1/1	0.47	21.47	26,26,26,26	0
86	MG	5	3587	1/1	0.69	21.34	23,23,23,23	0
86	MG	1	3595	1/1	0.52	21.33	30,30,30,30	0
86	MG	5	3562	1/1	0.75	21.31	34,34,34,34	0
86	MG	1	3406	1/1	0.33	21.19	37,37,37,37	0
86	MG	5	3561	1/1	0.49	21.18	34,34,34,34	0
87	OHX	4	238	7/7	0.34	21.13	125,125,125,125	0
86	MG	M7	203	1/1	0.57	21.11	36,36,36,36	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	5	3492	1/1	0.41	21.10	59,59,59,59	0
86	MG	1	3833	1/1	0.52	20.88	28,28,28,28	0
86	MG	1	3677	1/1	0.43	20.86	46,46,46,46	0
86	MG	5	3695	1/1	0.41	20.70	51,51,51,51	0
86	MG	5	3593	1/1	0.64	20.69	26,26,26,26	0
86	MG	1	3510	1/1	0.30	20.68	41,41,41,41	0
86	MG	1	3435	1/1	0.44	20.65	43,43,43,43	0
86	MG	6	1978	1/1	0.30	20.62	71,71,71,71	0
86	MG	6	2037	1/1	0.63	20.50	92,92,92,92	0
86	MG	5	3508	1/1	0.57	20.49	26,26,26,26	0
86	MG	5	3574	1/1	0.52	20.42	31,31,31,31	0
86	MG	5	3580	1/1	0.50	20.40	29,29,29,29	0
86	MG	5	3591	1/1	0.40	20.39	35,35,35,35	0
86	MG	1	3682	1/1	0.26	20.36	40,40,40,40	0
86	MG	1	3617	1/1	0.59	20.33	35,35,35,35	0
86	MG	1	3858	1/1	0.49	20.30	71,71,71,71	0
86	MG	2	1950	1/1	0.57	20.30	80,80,80,80	0
86	MG	5	3555	1/1	0.59	20.20	34,34,34,34	0
87	OHX	1	4143	7/7	0.35	20.18	109,109,109,109	0
86	MG	5	3597	1/1	0.54	20.16	23,23,23,23	0
87	OHX	1	4176	7/7	0.35	20.14	133,133,133,133	0
86	MG	5	3426	1/1	0.49	20.09	38,38,38,38	0
87	OHX	6	2172	7/7	0.34	20.06	123,123,123,123	0
86	MG	1	3615	1/1	0.41	20.04	42,42,42,42	0
86	MG	5	4263	1/1	0.84	19.94	26,26,26,26	0
86	MG	2	1959	1/1	0.47	19.85	97,97,97,97	0
86	MG	2	1939	1/1	0.51	19.77	69,69,69,69	0
86	MG	12	301	1/1	0.56	19.63	47,47,47,47	0
87	OHX	1	4151	7/7	0.30	19.60	130,130,130,130	0
86	MG	5	3494	1/1	0.26	19.55	34,34,34,34	0
86	MG	1	3687	1/1	0.27	19.50	84,84,84,84	0
86	MG	5	3626	1/1	0.42	19.44	29,29,29,29	0
86	MG	5	3640	1/1	0.21	19.42	39,39,39,39	0
86	MG	1	3544	1/1	0.43	19.38	37,37,37,37	0
86	MG	1	3864	1/1	0.43	19.37	114,114,114,114	0
86	MG	M7	202	1/1	0.63	19.34	31,31,31,31	0
86	MG	1	3504	1/1	0.46	19.30	27,27,27,27	0
86	MG	5	3405	1/1	0.59	19.24	29,29,29,29	0
86	MG	1	3696	1/1	0.38	19.22	47,47,47,47	0
86	MG	1	3579	1/1	0.39	19.21	27,27,27,27	0
86	MG	5	3569	1/1	0.49	19.20	28,28,28,28	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	5	3514	1/1	0.67	19.20	28,28,28,28	0
86	MG	5	3667	1/1	0.36	19.14	46,46,46,46	0
86	MG	5	3658	1/1	0.30	19.12	53,53,53,53	0
86	MG	O7	103	1/1	0.57	19.12	36,36,36,36	0
86	MG	5	3870	1/1	0.36	19.00	68,68,68,68	0
86	MG	1	3732	1/1	0.44	19.00	24,24,24,24	0
86	MG	2	1933	1/1	0.36	19.00	59,59,59,59	0
86	MG	1	3684	1/1	0.26	18.98	55,55,55,55	0
86	MG	1	3552	1/1	0.44	18.97	32,32,32,32	0
86	MG	1	3407	1/1	0.41	18.96	40,40,40,40	0
86	MG	5	3703	1/1	0.35	18.85	40,40,40,40	0
86	MG	5	3440	1/1	0.51	18.81	31,31,31,31	0
86	MG	1	3462	1/1	0.55	18.79	29,29,29,29	0
86	MG	6	1955	1/1	0.59	18.77	41,41,41,41	0
86	MG	5	3782	1/1	0.31	18.75	62,62,62,62	0
86	MG	1	3701	1/1	0.38	18.67	42,42,42,42	0
86	MG	1	3514	1/1	0.54	18.65	23,23,23,23	0
86	MG	1	3739	1/1	0.31	18.59	61,61,61,61	0
86	MG	5	3660	1/1	0.48	18.56	30,30,30,30	0
86	MG	5	3685	1/1	0.29	18.51	35,35,35,35	0
86	MG	1	3659	1/1	0.55	18.48	28,28,28,28	0
86	MG	5	3625	1/1	0.45	18.47	37,37,37,37	0
86	MG	5	3807	1/1	0.40	18.43	56,56,56,56	0
86	MG	5	3541	1/1	0.68	18.35	29,29,29,29	0
86	MG	2	2006	1/1	0.59	18.33	71,71,71,71	0
86	MG	6	1941	1/1	0.37	18.26	49,49,49,49	0
86	MG	1	3451	1/1	0.56	18.20	41,41,41,41	0
86	MG	1	3753	1/1	0.49	18.19	52,52,52,52	0
86	MG	5	3697	1/1	0.33	18.17	72,72,72,72	0
86	MG	5	3504	1/1	0.63	18.14	33,33,33,33	0
86	MG	6	2034	1/1	0.40	18.10	60,60,60,60	0
86	MG	1	3555	1/1	0.57	18.08	34,34,34,34	0
86	MG	1	3649	1/1	0.68	18.06	46,46,46,46	0
86	MG	1	3567	1/1	0.43	18.00	33,33,33,33	0
86	MG	1	3575	1/1	0.42	17.98	40,40,40,40	0
86	MG	1	3590	1/1	0.47	17.97	32,32,32,32	0
86	MG	5	3538	1/1	0.65	17.96	38,38,38,38	0
86	MG	2	1962	1/1	0.54	17.91	72,72,72,72	0
86	MG	5	3523	1/1	0.36	17.83	45,45,45,45	0
86	MG	5	3619	1/1	0.68	17.82	43,43,43,43	0
86	MG	2	1961	1/1	0.42	17.82	55,55,55,55	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	1	4200	7/7	0.34	17.79	129,129,129,129	0
86	MG	5	3719	1/1	0.61	17.77	63,63,63,63	0
86	MG	2	1909	1/1	0.53	17.77	70,70,70,70	0
87	OHX	6	2182	7/7	0.34	17.74	137,137,137,137	0
86	MG	5	3844	1/1	0.21	17.72	60,60,60,60	0
86	MG	2	1976	1/1	0.41	17.70	57,57,57,57	0
86	MG	2	1960	1/1	0.50	17.69	61,61,61,61	0
86	MG	1	3536	1/1	0.50	17.63	45,45,45,45	0
86	MG	5	3586	1/1	0.62	17.55	31,31,31,31	0
86	MG	5	3456	1/1	0.48	17.54	26,26,26,26	0
86	MG	1	3697	1/1	0.33	17.53	47,47,47,47	0
86	MG	1	3481	1/1	0.43	17.52	43,43,43,43	0
86	MG	1	3625	1/1	0.33	17.51	53,53,53,53	0
86	MG	1	3832	1/1	0.49	17.51	24,24,24,24	0
86	MG	6	1946	1/1	0.54	17.43	62,62,62,62	0
86	MG	1	3790	1/1	0.23	17.42	35,35,35,35	0
86	MG	4	215	1/1	0.44	17.41	53,53,53,53	0
86	MG	5	3483	1/1	0.61	17.40	29,29,29,29	0
86	MG	5	3635	1/1	0.51	17.38	85,85,85,85	0
86	MG	1	3453	1/1	0.52	17.35	47,47,47,47	0
86	MG	L4	401	1/1	0.35	17.33	33,33,33,33	0
86	MG	5	3533	1/1	0.33	17.32	35,35,35,35	0
86	MG	5	3462	1/1	0.53	17.28	32,32,32,32	0
86	MG	6	1915	1/1	0.29	17.28	53,53,53,53	0
86	MG	5	3717	1/1	0.35	17.26	50,50,50,50	0
86	MG	5	3497	1/1	0.41	17.21	37,37,37,37	0
86	MG	1	3431	1/1	0.51	17.19	48,48,48,48	0
87	OHX	2	2163	7/7	0.33	17.15	163,163,163,163	0
86	MG	6	2007	1/1	0.55	17.14	55,55,55,55	0
86	MG	5	3637	1/1	0.40	17.12	48,48,48,48	0
86	MG	5	3873	1/1	0.44	17.06	25,25,25,25	0
86	MG	6	2042	1/1	0.52	17.05	90,90,90,90	0
86	MG	1	3457	1/1	0.40	16.98	27,27,27,27	0
86	MG	1	3644	1/1	0.35	16.95	45,45,45,45	0
87	OHX	1	4210	7/7	0.37	16.95	115,115,115,115	0
86	MG	5	3809	1/1	0.29	16.87	152,152,152,152	0
86	MG	1	3520	1/1	0.60	16.86	38,38,38,38	0
86	MG	5	3522	1/1	0.41	16.85	33,33,33,33	0
86	MG	1	3487	1/1	0.38	16.79	33,33,33,33	0
86	MG	4	209	1/1	0.66	16.77	49,49,49,49	0
86	MG	1	3718	1/1	0.48	16.71	68,68,68,68	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	5	3612	1/1	0.30	16.68	49,49,49,49	0
86	MG	1	3769	1/1	0.45	16.64	56,56,56,56	0
86	MG	M7	204	1/1	0.41	16.58	35,35,35,35	0
86	MG	1	3719	1/1	0.84	16.42	40,40,40,40	0
87	OHX	5	4247	7/7	0.31	16.40	141,141,141,141	0
86	MG	14	401	1/1	0.40	16.38	35,35,35,35	0
86	MG	1	3693	1/1	0.53	16.33	44,44,44,44	0
86	MG	1	3516	1/1	0.52	16.33	37,37,37,37	0
86	MG	1	3561	1/1	0.38	16.22	40,40,40,40	0
86	MG	6	2013	1/1	0.33	16.22	42,42,42,42	0
86	MG	4	216	1/1	0.36	16.22	45,45,45,45	0
86	MG	1	3461	1/1	0.47	16.17	26,26,26,26	0
86	MG	5	3419	1/1	0.46	16.11	72,72,72,72	0
86	MG	1	3470	1/1	0.50	16.10	51,51,51,51	0
86	MG	1	3668	1/1	0.25	16.02	51,51,51,51	0
86	MG	6	1970	1/1	0.35	16.01	60,60,60,60	0
86	MG	1	3778	1/1	0.37	16.00	54,54,54,54	0
86	MG	5	3537	1/1	0.45	15.93	45,45,45,45	0
86	MG	2	1914	1/1	0.43	15.89	67,67,67,67	0
86	MG	6	1936	1/1	0.45	15.87	77,77,77,77	0
86	MG	5	3565	1/1	0.47	15.80	29,29,29,29	0
86	MG	1	3509	1/1	0.58	15.77	25,25,25,25	0
86	MG	1	3698	1/1	0.29	15.75	60,60,60,60	0
86	MG	m7	204	1/1	0.41	15.72	32,32,32,32	0
86	MG	1	3550	1/1	0.41	15.67	36,36,36,36	0
86	MG	1	3786	1/1	0.73	15.63	33,33,33,33	0
86	MG	5	3884	1/1	0.53	15.62	33,33,33,33	0
86	MG	O7	102	1/1	1.12	15.58	57,57,57,57	0
86	MG	1	3797	1/1	0.29	15.57	27,27,27,27	0
86	MG	6	1992	1/1	0.28	15.50	51,51,51,51	0
86	MG	1	3542	1/1	0.40	15.39	30,30,30,30	0
86	MG	2	2018	1/1	0.35	15.37	79,79,79,79	0
86	MG	8	204	1/1	0.72	15.33	47,47,47,47	0
86	MG	2	1910	1/1	0.39	15.24	56,56,56,56	0
86	MG	5	3511	1/1	0.56	15.22	25,25,25,25	0
86	MG	5	3545	1/1	0.43	15.18	30,30,30,30	0
86	MG	6	1969	1/1	0.34	15.17	58,58,58,58	0
87	OHX	5	4145	7/7	0.22	15.14	121,121,121,121	0
86	MG	2	2013	1/1	0.41	15.12	69,69,69,69	0
86	MG	5	3796	1/1	0.40	15.08	40,40,40,40	0
86	MG	1	3843	1/1	0.45	15.07	31,31,31,31	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	5	3756	1/1	0.34	15.05	40,40,40,40	0
86	MG	3	201	1/1	0.37	15.04	69,69,69,69	0
86	MG	2	1952	1/1	0.36	15.02	92,92,92,92	0
86	MG	1	3566	1/1	0.54	15.01	35,35,35,35	0
86	MG	1	3517	1/1	0.56	14.99	37,37,37,37	0
86	MG	1	3439	1/1	0.54	14.95	40,40,40,40	0
86	MG	5	3893	1/1	0.39	14.95	46,46,46,46	0
86	MG	5	3872	1/1	0.43	14.91	35,35,35,35	0
86	MG	2	1919	1/1	0.51	14.87	70,70,70,70	0
87	OHX	5	4212	7/7	0.36	14.85	138,138,138,138	0
86	MG	1	3837	1/1	0.44	14.85	31,31,31,31	0
86	MG	1	3539	1/1	0.29	14.81	40,40,40,40	0
87	OHX	M7	207	7/7	0.28	14.80	132,132,132,132	0
87	OHX	1	4081	7/7	0.33	14.76	118,118,118,118	0
86	MG	1	3408	1/1	0.48	14.73	33,33,33,33	0
87	OHX	1	4116	7/7	0.41	14.73	110,110,110,110	0
86	MG	1	3688	1/1	0.38	14.72	50,50,50,50	0
86	MG	6	1927	1/1	0.42	14.70	50,50,50,50	0
87	OHX	1	4193	7/7	0.36	14.70	121,121,121,121	0
86	MG	1	3854	1/1	0.35	14.69	49,49,49,49	0
86	MG	1	3830	1/1	0.42	14.68	25,25,25,25	0
86	MG	1	3635	1/1	0.36	14.68	56,56,56,56	0
86	MG	3	203	1/1	0.29	14.61	88,88,88,88	0
86	MG	1	3761	1/1	0.29	14.60	35,35,35,35	0
86	MG	5	3731	1/1	0.27	14.57	97,97,97,97	0
86	MG	5	3432	1/1	0.32	14.55	41,41,41,41	0
86	MG	1	3807	1/1	0.47	14.51	38,38,38,38	0
87	OHX	5	4156	7/7	0.36	14.50	124,124,124,124	0
86	MG	5	3479	1/1	0.41	14.43	63,63,63,63	0
86	MG	1	3619	1/1	0.39	14.42	53,53,53,53	0
86	MG	5	3759	1/1	0.24	14.41	59,59,59,59	0
86	MG	5	3663	1/1	0.42	14.37	50,50,50,50	0
86	MG	5	3570	1/1	0.45	14.36	33,33,33,33	0
86	MG	5	3890	1/1	0.32	14.33	59,59,59,59	0
86	MG	1	3585	1/1	0.37	14.28	40,40,40,40	0
86	MG	5	3780	1/1	0.27	14.27	58,58,58,58	0
86	MG	M5	302	1/1	0.50	14.26	54,54,54,54	0
86	MG	2	1996	1/1	0.43	14.20	93,93,93,93	0
86	MG	5	3734	1/1	0.26	14.19	52,52,52,52	0
86	MG	1	3404	1/1	0.52	14.08	62,62,62,62	0
86	MG	1	3454	1/1	0.39	14.02	35,35,35,35	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	5	3437	1/1	0.44	13.97	60,60,60,60	0
86	MG	1	3503	1/1	0.42	13.96	47,47,47,47	0
86	MG	5	3878	1/1	0.34	13.93	43,43,43,43	0
87	OHX	5	4239	7/7	0.33	13.92	118,118,118,118	0
86	MG	5	3701	1/1	0.55	13.92	37,37,37,37	0
86	MG	7	207	1/1	0.28	13.90	51,51,51,51	0
86	MG	4	208	1/1	0.58	13.89	41,41,41,41	0
86	MG	1	3458	1/1	0.32	13.84	40,40,40,40	0
86	MG	1	3411	1/1	0.37	13.81	32,32,32,32	0
86	MG	1	3511	1/1	0.49	13.78	32,32,32,32	0
86	MG	5	4264	1/1	0.76	13.76	34,34,34,34	0
86	MG	1	3714	1/1	0.32	13.73	78,78,78,78	0
86	MG	1	3505	1/1	0.35	13.72	36,36,36,36	0
86	MG	5	3551	1/1	0.43	13.69	51,51,51,51	0
87	OHX	1	4175	7/7	0.36	13.69	158,158,158,158	0
86	MG	6	1954	1/1	0.42	13.68	43,43,43,43	0
86	MG	5	3500	1/1	0.44	13.67	38,38,38,38	0
86	MG	5	3858	1/1	0.54	13.56	50,50,50,50	0
86	MG	1	3497	1/1	0.30	13.50	30,30,30,30	0
86	MG	6	1907	1/1	0.48	13.50	64,64,64,64	0
86	MG	5	3742	1/1	0.52	13.49	69,69,69,69	0
86	MG	5	3510	1/1	0.47	13.48	31,31,31,31	0
86	MG	5	3883	1/1	0.56	13.47	26,26,26,26	0
86	MG	6	1951	1/1	0.38	13.41	63,63,63,63	0
87	OHX	5	4161	7/7	0.40	13.37	118,118,118,118	0
86	MG	1	3469	1/1	0.42	13.36	63,63,63,63	0
86	MG	1	3817	1/1	0.27	13.36	48,48,48,48	0
86	MG	1	3865	1/1	0.46	13.33	42,42,42,42	0
86	MG	1	3602	1/1	0.46	13.28	27,27,27,27	0
86	MG	6	2022	1/1	0.32	13.27	66,66,66,66	0
86	MG	2	2011	1/1	0.50	13.24	71,71,71,71	0
86	MG	2	2000	1/1	0.29	13.23	81,81,81,81	0
86	MG	5	3846	1/1	0.24	13.10	33,33,33,33	0
87	OHX	5	4183	7/7	0.28	13.06	134,134,134,134	0
86	MG	1	3670	1/1	0.49	13.02	75,75,75,75	0
86	MG	1	3747	1/1	0.35	13.01	28,28,28,28	0
87	OHX	2	2144	7/7	0.38	12.99	124,124,124,124	0
86	MG	5	3481	1/1	0.44	12.99	40,40,40,40	0
86	MG	5	3876	1/1	0.52	12.99	29,29,29,29	0
86	MG	5	3895	1/1	0.55	12.98	22,22,22,22	0
86	MG	1	3707	1/1	0.29	12.91	40,40,40,40	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	1	3734	1/1	0.51	12.88	82,82,82,82	0
86	MG	5	3871	1/1	0.25	12.83	48,48,48,48	0
86	MG	1	3518	1/1	0.44	12.82	32,32,32,32	0
86	MG	6	1963	1/1	0.43	12.78	87,87,87,87	0
86	MG	6	1918	1/1	0.48	12.78	67,67,67,67	0
86	MG	5	3745	1/1	0.37	12.77	27,27,27,27	0
86	MG	6	1977	1/1	0.34	12.77	46,46,46,46	0
86	MG	5	3741	1/1	0.37	12.77	42,42,42,42	0
87	OHX	5	4167	7/7	0.35	12.76	126,126,126,126	0
86	MG	8	201	1/1	0.36	12.75	39,39,39,39	0
86	MG	2	1979	1/1	0.48	12.74	56,56,56,56	0
86	MG	5	3530	1/1	0.45	12.73	30,30,30,30	0
86	MG	1	3667	1/1	0.32	12.72	75,75,75,75	0
86	MG	5	3751	1/1	0.32	12.67	37,37,37,37	0
86	MG	1	3477	1/1	0.41	12.66	46,46,46,46	0
86	MG	5	3559	1/1	0.30	12.64	48,48,48,48	0
86	MG	1	3822	1/1	0.27	12.55	54,54,54,54	0
87	OHX	1	4119	7/7	0.26	12.53	124,124,124,124	0
86	MG	1	3571	1/1	0.41	12.52	23,23,23,23	0
86	MG	1	3776	1/1	0.51	12.50	54,54,54,54	0
87	OHX	1	4191	7/7	0.33	12.50	179,179,179,179	0
86	MG	6	1938	1/1	0.55	12.48	40,40,40,40	0
86	MG	5	3566	1/1	0.34	12.48	24,24,24,24	0
86	MG	o3	201	1/1	0.36	12.42	34,34,34,34	0
86	MG	2	1906	1/1	0.35	12.41	49,49,49,49	0
86	MG	1	3851	1/1	0.46	12.40	50,50,50,50	0
86	MG	5	3459	1/1	0.46	12.40	30,30,30,30	0
86	MG	6	1974	1/1	0.29	12.37	59,59,59,59	0
86	MG	1	3584	1/1	0.56	12.31	33,33,33,33	0
86	MG	1	3537	1/1	0.52	12.30	48,48,48,48	0
86	MG	5	3881	1/1	0.33	12.28	36,36,36,36	0
86	MG	1	3485	1/1	0.36	12.24	43,43,43,43	0
86	MG	5	3556	1/1	0.50	12.21	47,47,47,47	0
86	MG	5	3817	1/1	0.33	12.12	45,45,45,45	0
86	MG	1	3705	1/1	0.50	12.12	66,66,66,66	0
86	MG	1	3448	1/1	0.41	12.07	34,34,34,34	0
86	MG	2	2008	1/1	0.79	12.06	55,55,55,55	0
87	OHX	6	2145	7/7	0.21	12.05	107,107,107,107	0
86	MG	5	3839	1/1	0.30	12.04	41,41,41,41	0
86	MG	1	3414	1/1	0.45	12.02	35,35,35,35	0
87	OHX	2	2173	7/7	0.28	11.96	146,146,146,146	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	6	1982	1/1	0.32	11.95	49,49,49,49	0
86	MG	1	3740	1/1	0.29	11.95	57,57,57,57	0
86	MG	5	3623	1/1	0.32	11.94	64,64,64,64	0
86	MG	2	1947	1/1	0.39	11.91	61,61,61,61	0
86	MG	6	2008	1/1	0.31	11.89	48,48,48,48	0
86	MG	1	3430	1/1	0.56	11.86	44,44,44,44	0
86	MG	1	3731	1/1	0.35	11.83	35,35,35,35	0
86	MG	6	1968	1/1	0.47	11.82	68,68,68,68	0
86	MG	6	1949	1/1	0.49	11.81	51,51,51,51	0
86	MG	5	3605	1/1	0.36	11.76	43,43,43,43	0
86	MG	5	3851	1/1	0.34	11.71	32,32,32,32	0
86	MG	2	1912	1/1	0.34	11.69	63,63,63,63	0
86	MG	6	1902	1/1	0.42	11.67	49,49,49,49	0
87	OHX	2	2160	7/7	0.39	11.65	148,148,148,148	0
87	OHX	5	4158	7/7	0.30	11.62	118,118,118,118	0
86	MG	1	3764	1/1	0.32	11.60	49,49,49,49	0
86	MG	6	1947	1/1	0.51	11.60	51,51,51,51	0
86	MG	5	3801	1/1	0.29	11.58	54,54,54,54	0
87	OHX	1	4187	7/7	0.35	11.53	134,134,134,134	0
86	MG	1	3433	1/1	0.38	11.49	37,37,37,37	0
86	MG	1	3643	1/1	0.31	11.47	38,38,38,38	0
86	MG	5	3615	1/1	0.17	11.44	47,47,47,47	0
86	MG	1	3703	1/1	0.33	11.43	42,42,42,42	0
87	OHX	1	4129	7/7	0.41	11.43	117,117,117,117	0
86	MG	6	1942	1/1	0.27	11.39	34,34,34,34	0
86	MG	1	3726	1/1	0.25	11.38	45,45,45,45	0
86	MG	1	3642	1/1	0.52	11.37	37,37,37,37	0
86	MG	13	402	1/1	0.49	11.33	25,25,25,25	0
86	MG	5	3783	1/1	0.30	11.33	44,44,44,44	0
86	MG	5	3548	1/1	0.66	11.32	47,47,47,47	0
86	MG	8	208	1/1	0.58	11.30	40,40,40,40	0
86	MG	6	2019	1/1	0.27	11.27	88,88,88,88	0
86	MG	1	3787	1/1	0.30	11.23	43,43,43,43	0
86	MG	1	3850	1/1	0.34	11.22	43,43,43,43	0
86	MG	1	3628	1/1	0.72	11.20	43,43,43,43	0
86	MG	5	3740	1/1	0.20	11.15	49,49,49,49	0
86	MG	1	3652	1/1	0.50	11.13	91,91,91,91	0
86	MG	5	3709	1/1	0.36	11.09	44,44,44,44	0
86	MG	6	2036	1/1	0.54	11.09	97,97,97,97	0
86	MG	1	3456	1/1	0.47	11.07	59,59,59,59	0
86	MG	5	3774	1/1	0.32	11.02	68,68,68,68	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	5	3401	1/1	0.43	10.98	54,54,54,54	0
87	OHX	1	4201	7/7	0.24	10.95	157,157,157,157	0
87	OHX	6	2180	7/7	0.27	10.94	132,132,132,132	0
86	MG	5	3902	1/1	0.25	10.91	43,43,43,43	0
86	MG	2	2022	1/1	0.57	10.88	108,108,108,108	0
86	MG	1	3791	1/1	0.64	10.87	28,28,28,28	0
86	MG	3	213	1/1	0.36	10.82	57,57,57,57	0
86	MG	17	301	1/1	0.41	10.81	42,42,42,42	0
86	MG	3	212	1/1	0.24	10.75	76,76,76,76	0
86	MG	5	3841	1/1	0.32	10.74	43,43,43,43	0
86	MG	5	3671	1/1	0.25	10.72	38,38,38,38	0
86	MG	5	3529	1/1	0.28	10.71	29,29,29,29	0
86	MG	5	3885	1/1	0.29	10.70	38,38,38,38	0
86	MG	5	3723	1/1	0.23	10.66	44,44,44,44	0
86	MG	5	3748	1/1	0.41	10.65	41,41,41,41	0
86	MG	m7	201	1/1	0.44	10.64	32,32,32,32	0
86	MG	5	3714	1/1	0.33	10.63	40,40,40,40	0
86	MG	6	2028	1/1	0.29	10.63	75,75,75,75	0
86	MG	2	1915	1/1	0.49	10.59	66,66,66,66	0
86	MG	2	2021	1/1	0.36	10.58	82,82,82,82	0
86	MG	1	3492	1/1	0.36	10.58	28,28,28,28	0
86	MG	6	2014	1/1	0.22	10.57	67,67,67,67	0
87	OHX	5	4228	7/7	0.32	10.55	137,137,137,137	0
86	MG	5	3610	1/1	0.31	10.53	37,37,37,37	0
86	MG	1	3609	1/1	0.44	10.52	72,72,72,72	0
86	MG	5	3778	1/1	0.27	10.49	41,41,41,41	0
86	MG	5	3402	1/1	0.28	10.47	27,27,27,27	0
86	MG	1	3483	1/1	0.41	10.45	51,51,51,51	0
86	MG	2	1989	1/1	0.42	10.42	58,58,58,58	0
87	OHX	7	225	7/7	0.29	10.39	138,138,138,138	0
86	MG	5	4262	1/1	0.42	10.39	37,37,37,37	0
86	MG	1	3857	1/1	0.42	10.38	22,22,22,22	0
86	MG	6	2018	1/1	0.20	10.33	111,111,111,111	0
86	MG	6	1909	1/1	0.33	10.32	99,99,99,99	0
86	MG	5	3558	1/1	0.49	10.28	26,26,26,26	0
86	MG	2	1985	1/1	0.31	10.28	59,59,59,59	0
86	MG	6	1975	1/1	0.29	10.22	62,62,62,62	0
86	MG	5	3874	1/1	0.50	10.11	28,28,28,28	0
86	MG	5	3624	1/1	0.42	10.07	38,38,38,38	0
86	MG	5	3466	1/1	0.37	10.04	98,98,98,98	0
86	MG	5	3516	1/1	0.40	10.03	32,32,32,32	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	1	3533	1/1	0.41	10.01	36,36,36,36	0
87	OHX	6	2203	7/7	0.35	10.01	140,140,140,140	0
86	MG	1	3672	1/1	0.60	9.97	61,61,61,61	0
87	OHX	5	4095	7/7	0.29	9.92	106,106,106,106	0
86	MG	6	1917	1/1	0.40	9.90	53,53,53,53	0
86	MG	S2	301	1/1	0.80	9.87	65,65,65,65	0
86	MG	c1	202	1/1	0.45	9.85	59,59,59,59	0
86	MG	6	1960	1/1	0.48	9.84	42,42,42,42	0
86	MG	5	3411	1/1	0.28	9.84	38,38,38,38	0
87	OHX	5	4200	7/7	0.26	9.83	120,120,120,120	0
87	OHX	1	4076	7/7	0.32	9.82	103,103,103,103	0
86	MG	2	2016	1/1	0.48	9.82	70,70,70,70	0
86	MG	5	3803	1/1	0.53	9.80	40,40,40,40	0
86	MG	5	3547	1/1	0.37	9.80	44,44,44,44	0
87	OHX	M7	206	7/7	0.37	9.79	103,103,103,103	0
86	MG	5	3799	1/1	0.32	9.78	46,46,46,46	0
87	OHX	1	4189	7/7	0.39	9.76	124,124,124,124	0
86	MG	2	1982	1/1	0.36	9.76	78,78,78,78	0
86	MG	5	3524	1/1	0.36	9.75	33,33,33,33	0
86	MG	6	1962	1/1	0.46	9.74	49,49,49,49	0
86	MG	5	3847	1/1	0.40	9.71	51,51,51,51	0
86	MG	1	3826	1/1	0.31	9.69	66,66,66,66	0
87	OHX	5	4219	7/7	0.22	9.68	126,126,126,126	0
86	MG	1	3673	1/1	0.34	9.68	57,57,57,57	0
86	MG	1	3410	1/1	0.32	9.62	46,46,46,46	0
87	OHX	5	4088	7/7	0.27	9.61	102,102,102,102	0
86	MG	5	3728	1/1	0.49	9.55	36,36,36,36	0
87	OHX	5	4186	7/7	0.35	9.53	108,108,108,108	0
86	MG	1	3789	1/1	0.25	9.52	42,42,42,42	0
86	MG	5	3428	1/1	0.34	9.46	28,28,28,28	0
86	MG	6	1940	1/1	0.54	9.46	82,82,82,82	0
86	MG	2	1994	1/1	0.47	9.42	83,83,83,83	0
86	MG	5	3654	1/1	0.32	9.31	44,44,44,44	0
86	MG	1	3746	1/1	0.22	9.25	53,53,53,53	0
86	MG	1	3452	1/1	0.36	9.22	34,34,34,34	0
86	MG	1	3721	1/1	0.19	9.21	50,50,50,50	0
86	MG	2	1945	1/1	0.30	9.17	60,60,60,60	0
86	MG	5	3470	1/1	0.39	9.13	35,35,35,35	0
86	MG	1	3766	1/1	0.35	9.12	46,46,46,46	0
86	MG	1	3657	1/1	0.26	9.11	35,35,35,35	0
86	MG	5	3865	1/1	0.30	9.00	57,57,57,57	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	6	1986	1/1	0.27	9.00	65,65,65,65	0
86	MG	o4	201	1/1	0.48	8.92	64,64,64,64	0
86	MG	1	3573	1/1	0.36	8.88	31,31,31,31	0
86	MG	6	1984	1/1	0.40	8.85	73,73,73,73	0
86	MG	1	3680	1/1	0.47	8.84	63,63,63,63	0
86	MG	1	4225	1/1	0.60	8.83	36,36,36,36	0
87	OHX	6	2124	7/7	0.37	8.77	107,107,107,107	0
86	MG	1	3626	1/1	0.49	8.76	88,88,88,88	0
86	MG	1	4224	1/1	0.40	8.75	30,30,30,30	0
86	MG	5	3662	1/1	0.37	8.73	29,29,29,29	0
86	MG	1	3816	1/1	0.33	8.73	54,54,54,54	0
87	OHX	5	4223	7/7	0.32	8.72	133,133,133,133	0
87	OHX	6	2138	7/7	0.20	8.71	122,122,122,122	0
86	MG	1	3546	1/1	0.41	8.70	48,48,48,48	0
86	MG	1	3473	1/1	0.33	8.70	28,28,28,28	0
86	MG	5	3829	1/1	0.23	8.69	60,60,60,60	0
86	MG	5	3424	1/1	0.34	8.69	42,42,42,42	0
87	OHX	5	4254	7/7	0.27	8.66	138,138,138,138	0
87	OHX	5	4210	7/7	0.25	8.65	136,136,136,136	0
86	MG	1	3581	1/1	0.35	8.63	38,38,38,38	0
86	MG	5	3848	1/1	0.34	8.60	45,45,45,45	0
86	MG	2	1927	1/1	0.50	8.53	49,49,49,49	0
87	OHX	1	4164	7/7	0.35	8.52	148,148,148,148	0
86	MG	1	3493	1/1	0.42	8.40	71,71,71,71	0
86	MG	1	3781	1/1	0.48	8.40	34,34,34,34	0
86	MG	5	3520	1/1	0.34	8.34	35,35,35,35	0
86	MG	5	3611	1/1	0.37	8.33	34,34,34,34	0
86	MG	5	3633	1/1	0.36	8.33	46,46,46,46	0
86	MG	5	3683	1/1	0.42	8.32	84,84,84,84	0
86	MG	1	3838	1/1	0.35	8.30	45,45,45,45	0
87	OHX	1	4182	7/7	0.33	8.29	148,148,148,148	0
86	MG	1	3422	1/1	0.31	8.28	31,31,31,31	0
86	MG	1	3712	1/1	0.23	8.26	60,60,60,60	0
86	MG	1	3522	1/1	0.54	8.22	76,76,76,76	0
87	OHX	1	4118	7/7	0.26	8.14	117,117,117,117	0
86	MG	2	1963	1/1	0.20	8.11	135,135,135,135	0
86	MG	5	3668	1/1	0.36	8.11	30,30,30,30	0
86	MG	6	1906	1/1	0.40	8.08	52,52,52,52	0
86	MG	5	3620	1/1	0.18	8.08	42,42,42,42	0
87	OHX	5	4242	7/7	0.40	8.05	151,151,151,151	0
86	MG	1	3577	1/1	0.41	8.04	25,25,25,25	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(Å ²)	Q<0.9
86	MG	6	1929	1/1	0.38	8.03	54,54,54,54	0
86	MG	n9	101	1/1	0.30	8.02	32,32,32,32	0
86	MG	7	226	1/1	0.31	8.02	36,36,36,36	0
86	MG	6	1971	1/1	0.30	8.00	67,67,67,67	0
86	MG	4	213	1/1	0.40	7.97	35,35,35,35	0
86	MG	5	3718	1/1	0.24	7.96	52,52,52,52	0
87	OHX	8	223	7/7	0.28	7.91	124,124,124,124	0
86	MG	6	2009	1/1	0.37	7.91	51,51,51,51	0
86	MG	1	3859	1/1	0.27	7.91	41,41,41,41	0
87	OHX	5	4187	7/7	0.26	7.88	129,129,129,129	0
87	OHX	5	4253	7/7	0.27	7.86	147,147,147,147	0
86	MG	5	3867	1/1	0.24	7.86	42,42,42,42	0
86	MG	6	1961	1/1	0.24	7.83	73,73,73,73	0
86	MG	5	3850	1/1	0.24	7.83	34,34,34,34	0
86	MG	1	3772	1/1	0.39	7.76	31,31,31,31	0
86	MG	2	1911	1/1	0.63	7.75	57,57,57,57	0
86	MG	M5	301	1/1	0.34	7.74	38,38,38,38	0
86	MG	1	3564	1/1	0.32	7.73	46,46,46,46	0
86	MG	5	3477	1/1	0.41	7.73	26,26,26,26	0
86	MG	5	3819	1/1	0.69	7.61	53,53,53,53	0
86	MG	5	3680	1/1	0.18	7.60	41,41,41,41	0
86	MG	1	3751	1/1	0.30	7.59	45,45,45,45	0
86	MG	2	2009	1/1	0.35	7.58	72,72,72,72	0
86	MG	2	1955	1/1	0.30	7.55	62,62,62,62	0
86	MG	1	3548	1/1	0.35	7.55	43,43,43,43	0
86	MG	1	3478	1/1	0.33	7.55	42,42,42,42	0
86	MG	1	3686	1/1	0.35	7.54	41,41,41,41	0
86	MG	n0	201	1/1	0.31	7.54	44,44,44,44	0
87	OHX	5	4245	7/7	0.25	7.53	151,151,151,151	0
86	MG	5	3830	1/1	0.30	7.53	46,46,46,46	0
86	MG	5	3442	1/1	0.34	7.52	26,26,26,26	0
86	MG	6	2020	1/1	0.37	7.51	50,50,50,50	0
86	MG	N8	204	1/1	0.45	7.45	40,40,40,40	0
86	MG	1	3785	1/1	0.37	7.44	45,45,45,45	0
86	MG	5	3471	1/1	0.27	7.43	46,46,46,46	0
86	MG	5	3464	1/1	0.34	7.43	36,36,36,36	0
86	MG	1	3578	1/1	0.27	7.41	27,27,27,27	0
86	MG	1	3808	1/1	0.35	7.40	38,38,38,38	0
86	MG	m5	301	1/1	0.39	7.39	49,49,49,49	0
86	MG	1	3502	1/1	0.48	7.38	29,29,29,29	0
87	OHX	1	4142	7/7	0.27	7.38	131,131,131,131	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	1	3464	1/1	0.23	7.38	36,36,36,36	0
86	MG	2	1943	1/1	0.26	7.37	67,67,67,67	0
86	MG	1	3715	1/1	0.37	7.37	37,37,37,37	0
86	MG	7	206	1/1	0.23	7.36	43,43,43,43	0
86	MG	5	3843	1/1	0.26	7.36	31,31,31,31	0
86	MG	5	3596	1/1	0.32	7.33	38,38,38,38	0
86	MG	c8	201	1/1	0.29	7.28	71,71,71,71	0
86	MG	5	3636	1/1	0.24	7.26	50,50,50,50	0
87	OHX	1	4174	7/7	0.32	7.24	149,149,149,149	0
86	MG	1	3756	1/1	0.29	7.22	26,26,26,26	0
86	MG	2	1972	1/1	0.50	7.19	81,81,81,81	0
87	OHX	5	4203	7/7	0.36	7.19	126,126,126,126	0
86	MG	2	1929	1/1	0.39	7.18	63,63,63,63	0
86	MG	5	3618	1/1	0.25	7.13	47,47,47,47	0
87	OHX	2	2165	7/7	0.32	7.11	134,134,134,134	0
86	MG	2	2007	1/1	0.57	7.09	50,50,50,50	0
86	MG	3	214	1/1	0.35	7.09	55,55,55,55	0
87	OHX	6	2179	7/7	0.31	7.08	128,128,128,128	0
87	OHX	2	2180	7/7	0.31	7.07	140,140,140,140	0
87	OHX	2	2158	7/7	0.34	7.07	114,114,114,114	0
86	MG	5	3735	1/1	0.25	7.04	47,47,47,47	0
86	MG	4	207	1/1	0.37	7.03	33,33,33,33	0
86	MG	5	3567	1/1	0.43	7.03	42,42,42,42	0
86	MG	4	223	1/1	0.18	7.00	67,67,67,67	0
86	MG	1	3529	1/1	0.29	6.99	46,46,46,46	0
86	MG	1	3417	1/1	0.30	6.96	43,43,43,43	0
87	OHX	5	4189	7/7	0.31	6.90	134,134,134,134	0
87	OHX	6	2183	7/7	0.27	6.90	132,132,132,132	0
87	OHX	2	2170	7/7	0.26	6.88	143,143,143,143	0
86	MG	7	210	1/1	0.31	6.86	63,63,63,63	0
87	OHX	4	235	7/7	0.28	6.82	142,142,142,142	0
87	OHX	5	4220	7/7	0.19	6.82	147,147,147,147	0
86	MG	5	3467	1/1	0.22	6.79	33,33,33,33	0
87	OHX	5	4205	7/7	0.27	6.78	116,116,116,116	0
86	MG	1	3495	1/1	0.27	6.77	41,41,41,41	0
86	MG	5	3684	1/1	0.28	6.76	31,31,31,31	0
86	MG	5	3806	1/1	0.24	6.75	44,44,44,44	0
86	MG	1	3742	1/1	0.28	6.74	60,60,60,60	0
87	OHX	1	4195	7/7	0.23	6.74	131,131,131,131	0
86	MG	1	3648	1/1	0.27	6.72	32,32,32,32	0
86	MG	6	1905	1/1	0.48	6.69	62,62,62,62	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	1	3655	1/1	0.33	6.67	33,33,33,33	0
86	MG	5	3647	1/1	0.26	6.67	33,33,33,33	0
86	MG	5	3789	1/1	0.20	6.67	37,37,37,37	0
87	OHX	5	4244	7/7	0.30	6.66	129,129,129,129	0
86	MG	1	3711	1/1	0.24	6.65	37,37,37,37	0
87	OHX	5	4127	7/7	0.25	6.65	117,117,117,117	0
86	MG	1	3444	1/1	0.27	6.62	58,58,58,58	0
87	OHX	14	403	7/7	0.39	6.59	135,135,135,135	0
87	OHX	5	4234	7/7	0.27	6.58	125,125,125,125	0
86	MG	5	3495	1/1	0.36	6.56	28,28,28,28	0
86	MG	L7	302	1/1	0.28	6.56	48,48,48,48	0
86	MG	5	3749	1/1	0.26	6.55	57,57,57,57	0
86	MG	2	1941	1/1	0.24	6.55	65,65,65,65	0
86	MG	1	3834	1/1	0.33	6.54	33,33,33,33	0
86	MG	N8	202	1/1	0.28	6.54	30,30,30,30	0
86	MG	5	3820	1/1	0.28	6.54	56,56,56,56	0
86	MG	5	3674	1/1	0.45	6.51	29,29,29,29	0
87	OHX	1	4065	7/7	0.23	6.50	140,140,140,140	0
86	MG	5	3641	1/1	0.29	6.49	51,51,51,51	0
86	MG	5	3693	1/1	0.34	6.49	46,46,46,46	0
87	OHX	1	4150	7/7	0.25	6.48	141,141,141,141	0
86	MG	5	3460	1/1	0.33	6.47	32,32,32,32	0
86	MG	5	3506	1/1	0.36	6.46	34,34,34,34	0
87	OHX	5	4191	7/7	0.24	6.46	128,128,128,128	0
86	MG	5	3708	1/1	0.24	6.45	50,50,50,50	0
86	MG	4	220	1/1	0.20	6.45	42,42,42,42	0
86	MG	6	2027	1/1	0.17	6.43	105,105,105,105	0
86	MG	5	3577	1/1	0.23	6.43	45,45,45,45	0
86	MG	1	3749	1/1	0.40	6.43	55,55,55,55	0
86	MG	5	3894	1/1	0.29	6.41	38,38,38,38	0
86	MG	5	3672	1/1	0.30	6.41	33,33,33,33	0
87	OHX	6	2189	7/7	0.34	6.41	133,133,133,133	0
86	MG	1	3674	1/1	0.36	6.40	28,28,28,28	0
86	MG	1	3551	1/1	0.42	6.40	38,38,38,38	0
86	MG	1	3633	1/1	0.23	6.40	31,31,31,31	0
87	OHX	5	4257	7/7	0.26	6.39	148,148,148,148	0
86	MG	5	3465	1/1	0.26	6.36	58,58,58,58	0
86	MG	1	3777	1/1	0.25	6.34	62,62,62,62	0
86	MG	5	3818	1/1	0.22	6.27	80,80,80,80	0
86	MG	6	1934	1/1	0.33	6.22	73,73,73,73	0
86	MG	1	3486	1/1	0.23	6.22	39,39,39,39	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	6	2050	7/7	0.17	6.22	73,73,73,73	0
86	MG	1	3437	1/1	0.30	6.21	33,33,33,33	0
86	MG	5	3449	1/1	0.32	6.17	31,31,31,31	0
86	MG	1	3541	1/1	0.21	6.16	61,61,61,61	0
87	OHX	1	4204	7/7	0.24	6.12	120,120,120,120	0
87	OHX	1	4206	7/7	0.26	6.10	131,131,131,131	0
86	MG	5	3499	1/1	0.34	6.09	30,30,30,30	0
86	MG	5	3793	1/1	0.32	6.09	24,24,24,24	0
86	MG	5	3835	1/1	0.25	6.04	46,46,46,46	0
87	OHX	5	4169	7/7	0.29	6.03	111,111,111,111	0
86	MG	8	206	1/1	0.41	6.02	51,51,51,51	0
86	MG	8	205	1/1	0.24	6.02	68,68,68,68	0
87	OHX	1	4197	7/7	0.26	6.01	142,142,142,142	0
87	OHX	5	4231	7/7	0.32	6.01	124,124,124,124	0
87	OHX	1	4172	7/7	0.23	6.00	113,113,113,113	0
87	OHX	6	2177	7/7	0.23	5.98	133,133,133,133	0
86	MG	2	1968	1/1	0.67	5.98	112,112,112,112	0
87	OHX	1	4085	7/7	0.16	5.97	128,128,128,128	0
86	MG	5	3474	1/1	0.56	5.93	48,48,48,48	0
86	MG	1	3499	1/1	0.29	5.93	33,33,33,33	0
87	OHX	1	4066	7/7	0.31	5.92	123,123,123,123	0
86	MG	1	3771	1/1	0.20	5.91	86,86,86,86	0
86	MG	5	3726	1/1	0.19	5.91	44,44,44,44	0
87	OHX	5	4116	7/7	0.26	5.90	118,118,118,118	0
86	MG	1	3403	1/1	0.34	5.86	34,34,34,34	0
86	MG	1	3669	1/1	0.25	5.85	43,43,43,43	0
87	OHX	1	4136	7/7	0.26	5.85	115,115,115,115	0
86	MG	5	3699	1/1	0.25	5.83	50,50,50,50	0
86	MG	5	3690	1/1	0.21	5.82	40,40,40,40	0
86	MG	5	3409	1/1	0.23	5.79	43,43,43,43	0
86	MG	5	3588	1/1	0.28	5.78	28,28,28,28	0
87	OHX	5	4133	7/7	0.20	5.78	134,134,134,134	0
86	MG	1	3735	1/1	0.25	5.77	64,64,64,64	0
86	MG	6	2012	1/1	0.42	5.74	137,137,137,137	0
86	MG	1	3405	1/1	0.47	5.74	97,97,97,97	0
86	MG	1	3624	1/1	0.31	5.74	49,49,49,49	0
86	MG	2	1964	1/1	0.29	5.70	89,89,89,89	0
86	MG	5	3704	1/1	0.42	5.70	59,59,59,59	0
87	OHX	1	4214	7/7	0.29	5.70	122,122,122,122	0
86	MG	2	1931	1/1	0.34	5.70	69,69,69,69	0
87	OHX	5	4230	7/7	0.23	5.68	137,137,137,137	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	5	4214	7/7	0.33	5.66	138,138,138,138	0
86	MG	6	1965	1/1	0.29	5.66	65,65,65,65	0
86	MG	6	1964	1/1	0.21	5.66	56,56,56,56	0
86	MG	5	3833	1/1	0.31	5.65	39,39,39,39	0
86	MG	6	1990	1/1	0.30	5.64	70,70,70,70	0
87	OHX	1	4071	7/7	0.24	5.62	122,122,122,122	0
86	MG	c1	201	1/1	0.41	5.61	51,51,51,51	0
86	MG	6	1904	1/1	0.36	5.61	69,69,69,69	0
86	MG	1	3423	1/1	0.23	5.61	45,45,45,45	0
86	MG	5	3475	1/1	0.23	5.61	76,76,76,76	0
86	MG	5	3724	1/1	0.25	5.59	37,37,37,37	0
86	MG	5	3771	1/1	0.30	5.58	40,40,40,40	0
86	MG	5	3670	1/1	0.28	5.55	38,38,38,38	0
87	OHX	1	4216	7/7	0.35	5.54	128,128,128,128	0
86	MG	1	3424	1/1	0.25	5.54	45,45,45,45	0
87	OHX	1	4202	7/7	0.41	5.53	125,125,125,125	0
87	OHX	1	4209	7/7	0.25	5.52	133,133,133,133	0
86	MG	5	3710	1/1	0.16	5.49	53,53,53,53	0
87	OHX	1	4098	7/7	0.26	5.47	122,122,122,122	0
86	MG	1	3471	1/1	0.23	5.46	41,41,41,41	0
86	MG	1	3798	1/1	0.22	5.45	49,49,49,49	0
86	MG	5	3513	1/1	0.26	5.42	51,51,51,51	0
86	MG	N8	201	1/1	0.34	5.40	27,27,27,27	0
86	MG	1	3506	1/1	0.28	5.39	35,35,35,35	0
86	MG	2	1907	1/1	0.52	5.38	56,56,56,56	0
86	MG	1	3593	1/1	0.39	5.38	50,50,50,50	0
86	MG	4	211	1/1	0.20	5.37	53,53,53,53	0
86	MG	1	3476	1/1	0.22	5.36	33,33,33,33	0
87	OHX	1	4137	7/7	0.29	5.34	131,131,131,131	0
86	MG	5	3768	1/1	0.26	5.33	40,40,40,40	0
86	MG	5	3549	1/1	0.29	5.32	48,48,48,48	0
87	OHX	5	4194	7/7	0.25	5.32	121,121,121,121	0
87	OHX	1	4212	7/7	0.31	5.30	119,119,119,119	0
87	OHX	6	2166	7/7	0.29	5.30	113,113,113,113	0
86	MG	5	3503	1/1	0.34	5.28	42,42,42,42	0
87	OHX	5	4166	7/7	0.22	5.27	105,105,105,105	0
86	MG	L3	401	1/1	0.34	5.27	34,34,34,34	0
86	MG	5	3423	1/1	0.27	5.25	59,59,59,59	0
87	OHX	6	2175	7/7	0.25	5.19	113,113,113,113	0
87	OHX	1	4186	7/7	0.25	5.17	105,105,105,105	0
86	MG	5	3721	1/1	0.30	5.16	62,62,62,62	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	5	3646	1/1	0.30	5.16	52,52,52,52	0
86	MG	2	1983	1/1	0.20	5.14	66,66,66,66	0
86	MG	5	3607	1/1	0.27	5.13	53,53,53,53	0
86	MG	1	3629	1/1	0.29	5.11	71,71,71,71	0
87	OHX	3	225	7/7	0.24	5.11	124,124,124,124	0
86	MG	1	3484	1/1	0.34	5.10	47,47,47,47	0
86	MG	5	3856	1/1	0.22	5.08	45,45,45,45	0
86	MG	2	1993	1/1	0.27	5.05	68,68,68,68	0
86	MG	5	3832	1/1	0.27	5.03	41,41,41,41	0
86	MG	5	3656	1/1	0.24	5.01	53,53,53,53	0
86	MG	2	2003	1/1	0.28	5.00	79,79,79,79	0
86	MG	1	3449	1/1	0.28	4.98	40,40,40,40	0
86	MG	1	3828	1/1	0.21	4.97	45,45,45,45	0
86	MG	1	3646	1/1	0.30	4.97	67,67,67,67	0
87	OHX	2	2179	7/7	0.23	4.95	167,167,167,167	0
86	MG	5	3675	1/1	0.25	4.95	66,66,66,66	0
86	MG	O1	201	1/1	0.22	4.94	62,62,62,62	0
86	MG	1	3770	1/1	0.29	4.93	60,60,60,60	0
86	MG	1	4219	1/1	0.29	4.91	26,26,26,26	0
86	MG	6	2005	1/1	0.48	4.91	54,54,54,54	0
87	OHX	1	4146	7/7	0.33	4.89	110,110,110,110	0
86	MG	2	1935	1/1	0.38	4.88	53,53,53,53	0
86	MG	5	3739	1/1	0.25	4.88	40,40,40,40	0
87	OHX	1	4168	7/7	0.18	4.88	150,150,150,150	0
86	MG	5	3595	1/1	0.29	4.86	40,40,40,40	0
87	OHX	5	4256	7/7	0.25	4.83	123,123,123,123	0
87	OHX	1	4178	7/7	0.21	4.82	167,167,167,167	0
86	MG	2	1944	1/1	0.19	4.82	62,62,62,62	0
87	OHX	2	2137	7/7	0.23	4.79	125,125,125,125	0
87	OHX	1	4048	7/7	0.24	4.78	107,107,107,107	0
86	MG	6	1976	1/1	0.29	4.78	44,44,44,44	0
86	MG	5	3629	1/1	0.34	4.77	61,61,61,61	0
86	MG	1	3811	1/1	0.24	4.77	37,37,37,37	0
86	MG	M3	203	1/1	0.39	4.77	39,39,39,39	0
87	OHX	1	4147	7/7	0.23	4.76	132,132,132,132	0
86	MG	5	3418	1/1	0.35	4.76	33,33,33,33	0
86	MG	5	3776	1/1	0.31	4.75	30,30,30,30	0
87	OHX	2	2138	7/7	0.30	4.74	157,157,157,157	0
86	MG	5	3716	1/1	0.21	4.73	48,48,48,48	0
86	MG	5	3892	1/1	0.35	4.68	59,59,59,59	0
87	OHX	5	4172	7/7	0.27	4.67	165,165,165,165	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(Å ²)	Q<0.9
87	OHX	2	2136	7/7	0.24	4.65	129,129,129,129	0
86	MG	5	3450	1/1	0.27	4.64	35,35,35,35	0
87	OHX	5	4255	7/7	0.28	4.58	148,148,148,148	0
86	MG	1	3650	1/1	0.23	4.58	46,46,46,46	0
86	MG	S8	301	1/1	0.31	4.58	60,60,60,60	0
86	MG	2	1970	1/1	0.34	4.56	72,72,72,72	0
86	MG	5	3412	1/1	0.25	4.52	36,36,36,36	0
87	OHX	1	4205	7/7	0.30	4.52	132,132,132,132	0
87	OHX	5	4180	7/7	0.34	4.51	111,111,111,111	0
86	MG	5	3604	1/1	0.24	4.50	46,46,46,46	0
87	OHX	6	2185	7/7	0.32	4.47	137,137,137,137	0
86	MG	5	3455	1/1	0.32	4.46	86,86,86,86	0
86	MG	5	3536	1/1	0.43	4.46	35,35,35,35	0
87	OHX	5	4149	7/7	0.23	4.45	123,123,123,123	0
86	MG	5	3406	1/1	0.20	4.43	36,36,36,36	0
86	MG	d3	201	1/1	0.35	4.39	50,50,50,50	0
87	OHX	5	4148	7/7	0.22	4.37	122,122,122,122	0
86	MG	5	3431	1/1	0.28	4.36	34,34,34,34	0
87	OHX	1	4073	7/7	0.25	4.34	114,114,114,114	0
86	MG	1	3820	1/1	0.23	4.32	37,37,37,37	0
86	MG	1	3759	1/1	0.36	4.31	33,33,33,33	0
86	MG	5	3827	1/1	0.21	4.28	38,38,38,38	0
86	MG	5	3752	1/1	0.24	4.27	53,53,53,53	0
86	MG	1	3671	1/1	0.20	4.24	52,52,52,52	0
86	MG	o1	202	1/1	0.42	4.21	73,73,73,73	0
86	MG	7	208	1/1	0.24	4.14	48,48,48,48	0
87	OHX	1	4190	7/7	0.34	4.14	137,137,137,137	0
87	OHX	5	4221	7/7	0.24	4.12	119,119,119,119	0
86	MG	1	3490	1/1	0.30	4.11	33,33,33,33	0
87	OHX	6	2045	7/7	0.22	4.11	69,69,69,69	0
86	MG	2	1920	1/1	0.38	4.11	60,60,60,60	0
86	MG	2	2015	1/1	0.77	4.10	61,61,61,61	0
87	OHX	6	2194	7/7	0.23	4.09	156,156,156,156	0
86	MG	5	3691	1/1	0.29	4.08	47,47,47,47	0
87	OHX	5	4160	7/7	0.22	4.07	102,102,102,102	0
86	MG	5	3509	1/1	0.32	4.07	41,41,41,41	0
86	MG	6	2004	1/1	0.35	4.05	69,69,69,69	0
86	MG	1	3531	1/1	0.32	4.03	62,62,62,62	0
87	OHX	1	4123	7/7	0.23	4.02	105,105,105,105	0
86	MG	6	1939	1/1	0.41	4.01	59,59,59,59	0
87	OHX	1	4122	7/7	0.26	4.00	123,123,123,123	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	5	4207	7/7	0.18	4.00	109,109,109,109	0
86	MG	7	212	1/1	0.21	4.00	42,42,42,42	0
87	OHX	6	2188	7/7	0.28	3.97	135,135,135,135	0
86	MG	M1	201	1/1	0.36	3.97	73,73,73,73	0
86	MG	1	3782	1/1	0.26	3.96	65,65,65,65	0
86	MG	2	1934	1/1	0.35	3.96	74,74,74,74	0
86	MG	5	3732	1/1	0.25	3.95	30,30,30,30	0
86	MG	5	3744	1/1	0.17	3.94	55,55,55,55	0
86	MG	5	3650	1/1	0.18	3.93	40,40,40,40	0
87	OHX	5	4122	7/7	0.26	3.93	115,115,115,115	0
87	OHX	6	2122	7/7	0.23	3.92	125,125,125,125	0
86	MG	1	3745	1/1	0.32	3.92	44,44,44,44	0
86	MG	1	3545	1/1	0.24	3.90	35,35,35,35	0
86	MG	1	3784	1/1	0.27	3.89	55,55,55,55	0
86	MG	1	3627	1/1	0.23	3.88	33,33,33,33	0
86	MG	1	3432	1/1	0.39	3.87	42,42,42,42	0
87	OHX	5	4115	7/7	0.25	3.83	123,123,123,123	0
87	OHX	6	2190	7/7	0.23	3.83	152,152,152,152	0
86	MG	5	3900	1/1	0.26	3.82	59,59,59,59	0
87	OHX	5	4130	7/7	0.17	3.75	128,128,128,128	0
87	OHX	5	4106	7/7	0.21	3.75	114,114,114,114	0
87	OHX	6	2052	7/7	0.16	3.72	83,83,83,83	0
87	OHX	5	4164	7/7	0.20	3.71	129,129,129,129	0
86	MG	1	3825	1/1	0.43	3.71	42,42,42,42	0
87	OHX	5	4153	7/7	0.22	3.68	112,112,112,112	0
86	MG	1	3612	1/1	0.31	3.68	43,43,43,43	0
86	MG	5	3834	1/1	0.23	3.68	28,28,28,28	0
86	MG	1	3847	1/1	0.23	3.64	34,34,34,34	0
86	MG	n0	202	1/1	0.24	3.64	48,48,48,48	0
87	OHX	1	4096	7/7	0.16	3.63	145,145,145,145	0
86	MG	N3	202	1/1	0.34	3.63	60,60,60,60	0
86	MG	6	2030	1/1	0.24	3.62	54,54,54,54	0
86	MG	1	3738	1/1	0.25	3.61	35,35,35,35	0
86	MG	1	3727	1/1	0.21	3.60	44,44,44,44	0
86	MG	1	3685	1/1	0.42	3.59	51,51,51,51	0
87	OHX	5	4146	7/7	0.34	3.58	121,121,121,121	0
86	MG	2	2019	1/1	0.41	3.54	71,71,71,71	0
86	MG	5	3606	1/1	0.18	3.54	40,40,40,40	0
87	OHX	5	4163	7/7	0.33	3.52	135,135,135,135	0
87	OHX	1	4173	7/7	0.26	3.51	110,110,110,110	0
86	MG	1	3765	1/1	0.22	3.50	49,49,49,49	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(Å ²)	Q<0.9
86	MG	6	2003	1/1	0.21	3.49	96,96,96,96	0
86	MG	6	1994	1/1	0.21	3.48	43,43,43,43	0
87	OHX	5	4118	7/7	0.22	3.48	127,127,127,127	0
87	OHX	5	4165	7/7	0.22	3.47	131,131,131,131	0
86	MG	5	3700	1/1	0.30	3.46	46,46,46,46	0
86	MG	5	3798	1/1	0.27	3.44	40,40,40,40	0
86	MG	s8	301	1/1	0.33	3.42	51,51,51,51	0
86	MG	5	3491	1/1	0.25	3.41	49,49,49,49	0
86	MG	2	1922	1/1	0.24	3.41	67,67,67,67	0
87	OHX	2	2025	7/7	0.22	3.40	84,84,84,84	0
86	MG	1	3818	1/1	0.30	3.33	51,51,51,51	0
86	MG	6	2006	1/1	0.16	3.32	58,58,58,58	0
86	MG	1	3631	1/1	0.23	3.30	39,39,39,39	0
86	MG	2	1954	1/1	0.23	3.29	96,96,96,96	0
86	MG	m5	302	1/1	0.21	3.28	39,39,39,39	0
87	OHX	6	2167	7/7	0.19	3.28	146,146,146,146	0
86	MG	1	3425	1/1	0.27	3.28	33,33,33,33	0
86	MG	2	1930	1/1	0.23	3.26	61,61,61,61	0
86	MG	1	3438	1/1	0.31	3.25	48,48,48,48	0
86	MG	1	3427	1/1	0.22	3.25	42,42,42,42	0
87	OHX	5	4168	7/7	0.20	3.24	118,118,118,118	0
86	MG	5	3512	1/1	0.27	3.23	28,28,28,28	0
86	MG	5	3687	1/1	0.23	3.23	60,60,60,60	0
86	MG	1	3608	1/1	0.28	3.22	49,49,49,49	0
87	OHX	1	3953	7/7	0.16	3.22	115,115,115,115	0
87	OHX	5	4204	7/7	0.26	3.19	134,134,134,134	0
86	MG	N0	201	1/1	0.28	3.18	50,50,50,50	0
86	MG	5	3653	1/1	0.25	3.18	29,29,29,29	0
86	MG	2	2002	1/1	0.26	3.17	102,102,102,102	0
86	MG	6	1999	1/1	0.26	3.17	53,53,53,53	0
86	MG	5	3669	1/1	0.26	3.17	30,30,30,30	0
87	OHX	5	4103	7/7	0.18	3.16	142,142,142,142	0
87	OHX	6	2169	7/7	0.31	3.16	107,107,107,107	0
87	OHX	1	4104	7/7	0.20	3.16	153,153,153,153	0
86	MG	1	3768	1/1	0.22	3.15	54,54,54,54	0
87	OHX	5	4248	7/7	0.22	3.13	180,180,180,180	0
87	OHX	1	4139	7/7	0.24	3.13	111,111,111,111	0
87	OHX	6	2158	7/7	0.28	3.11	125,125,125,125	0
86	MG	5	3614	1/1	0.18	3.11	34,34,34,34	0
86	MG	1	3774	1/1	0.22	3.09	52,52,52,52	0
87	OHX	2	2023	7/7	0.18	3.09	73,73,73,73	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(Å ²)	Q<0.9
86	MG	6	1932	1/1	0.23	3.06	47,47,47,47	0
86	MG	5	4261	1/1	0.32	3.03	35,35,35,35	0
87	OHX	1	4039	7/7	0.23	3.02	119,119,119,119	0
87	OHX	1	3868	7/7	0.20	3.02	45,45,45,45	0
87	OHX	1	4112	7/7	0.16	3.02	117,117,117,117	0
87	OHX	5	4112	7/7	0.27	3.00	101,101,101,101	0
87	OHX	5	4199	7/7	0.22	3.00	117,117,117,117	0
86	MG	5	3868	1/1	0.20	3.00	43,43,43,43	0
86	MG	6	1973	1/1	0.18	2.99	52,52,52,52	0
86	MG	5	3831	1/1	0.26	2.97	38,38,38,38	0
87	OHX	1	4049	7/7	0.21	2.96	103,103,103,103	0
86	MG	1	3605	1/1	0.20	2.95	37,37,37,37	0
87	OHX	5	4076	7/7	0.20	2.94	119,119,119,119	0
86	MG	1	3844	1/1	0.21	2.94	61,61,61,61	0
87	OHX	1	4113	7/7	0.19	2.93	126,126,126,126	0
87	OHX	5	4193	7/7	0.26	2.93	117,117,117,117	0
87	OHX	5	4079	7/7	0.15	2.93	111,111,111,111	0
86	MG	1	3666	1/1	0.39	2.93	44,44,44,44	0
86	MG	5	3665	1/1	0.19	2.93	59,59,59,59	0
86	MG	5	3696	1/1	0.20	2.93	48,48,48,48	0
86	MG	1	3799	1/1	0.26	2.92	30,30,30,30	0
86	MG	L3	402	1/1	0.29	2.91	41,41,41,41	0
86	MG	5	3753	1/1	0.18	2.89	50,50,50,50	0
86	MG	5	3694	1/1	0.23	2.89	47,47,47,47	0
87	OHX	6	2195	7/7	0.20	2.89	167,167,167,167	0
86	MG	N3	201	1/1	0.34	2.88	33,33,33,33	0
86	MG	1	3416	1/1	0.28	2.87	32,32,32,32	0
87	OHX	2	2092	7/7	0.23	2.87	114,114,114,114	0
86	MG	5	3682	1/1	0.18	2.87	36,36,36,36	0
87	OHX	1	4163	7/7	0.23	2.86	125,125,125,125	0
87	OHX	1	4207	7/7	0.38	2.84	133,133,133,133	0
86	MG	5	3631	1/1	0.20	2.84	46,46,46,46	0
87	OHX	2	2172	7/7	0.18	2.84	145,145,145,145	0
87	OHX	1	4091	7/7	0.26	2.84	120,120,120,120	0
86	MG	12	302	1/1	0.36	2.84	37,37,37,37	0
86	MG	5	3688	1/1	0.29	2.83	72,72,72,72	0
86	MG	5	3757	1/1	0.27	2.83	51,51,51,51	0
87	OHX	1	4213	7/7	0.33	2.80	121,121,121,121	0
87	OHX	6	2142	7/7	0.23	2.80	126,126,126,126	0
87	OHX	5	3904	7/7	0.20	2.80	45,45,45,45	0
86	MG	2	1967	1/1	0.56	2.79	61,61,61,61	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	n8	202	1/1	0.21	2.78	41,41,41,41	0
87	OHX	1	4103	7/7	0.20	2.75	115,115,115,115	0
86	MG	1	3586	1/1	0.34	2.72	50,50,50,50	0
87	OHX	5	3905	7/7	0.18	2.71	45,45,45,45	0
86	MG	M3	202	1/1	0.50	2.70	88,88,88,88	0
86	MG	1	3450	1/1	0.18	2.70	41,41,41,41	0
86	MG	5	3645	1/1	0.21	2.68	30,30,30,30	0
86	MG	m5	303	1/1	0.24	2.66	52,52,52,52	0
86	MG	5	3502	1/1	0.19	2.63	43,43,43,43	0
87	OHX	5	4057	7/7	0.18	2.63	104,104,104,104	0
86	MG	5	3634	1/1	0.19	2.63	39,39,39,39	0
86	MG	1	3720	1/1	0.19	2.63	35,35,35,35	0
87	OHX	5	4238	7/7	0.24	2.62	146,146,146,146	0
86	MG	1	3587	1/1	0.44	2.62	47,47,47,47	0
87	OHX	5	4218	7/7	0.24	2.61	110,110,110,110	0
86	MG	1	3679	1/1	0.28	2.59	39,39,39,39	0
87	OHX	6	2134	7/7	0.24	2.58	128,128,128,128	0
87	OHX	2	2155	7/7	0.21	2.57	145,145,145,145	0
86	MG	5	3773	1/1	0.20	2.56	101,101,101,101	0
87	OHX	7	223	7/7	0.17	2.56	141,141,141,141	0
87	OHX	1	3914	7/7	0.23	2.55	88,88,88,88	0
87	OHX	1	4079	7/7	0.23	2.55	119,119,119,119	0
86	MG	1	3611	1/1	0.18	2.55	41,41,41,41	0
86	MG	1	3488	1/1	0.21	2.54	35,35,35,35	0
87	OHX	2	2176	7/7	0.30	2.52	152,152,152,152	0
86	MG	5	3415	1/1	0.24	2.52	32,32,32,32	0
86	MG	1	3702	1/1	0.23	2.50	45,45,45,45	0
87	OHX	1	4179	7/7	0.20	2.49	139,139,139,139	0
87	OHX	1	4211	7/7	0.25	2.49	126,126,126,126	0
87	OHX	2	2117	7/7	0.24	2.47	136,136,136,136	0
86	MG	5	3679	1/1	0.19	2.46	93,93,93,93	0
87	OHX	2	2149	7/7	0.21	2.46	115,115,115,115	0
86	MG	5	3581	1/1	0.31	2.46	38,38,38,38	0
87	OHX	5	4229	7/7	0.23	2.45	151,151,151,151	0
86	MG	1	3534	1/1	0.21	2.43	34,34,34,34	0
87	OHX	5	4107	7/7	0.20	2.42	119,119,119,119	0
87	OHX	5	4192	7/7	0.23	2.42	118,118,118,118	0
87	OHX	5	3956	7/7	0.15	2.38	108,108,108,108	0
86	MG	5	3686	1/1	0.39	2.37	50,50,50,50	0
87	OHX	5	4251	7/7	0.20	2.36	154,154,154,154	0
87	OHX	1	4111	7/7	0.17	2.36	127,127,127,127	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(Å ²)	Q<0.9
87	OHX	5	3918	7/7	0.18	2.36	64,64,64,64	0
87	OHX	1	4208	7/7	0.26	2.35	127,127,127,127	0
87	OHX	2	2030	7/7	0.18	2.35	94,94,94,94	0
87	OHX	6	2118	7/7	0.18	2.34	103,103,103,103	0
86	MG	l3	401	1/1	0.27	2.33	26,26,26,26	0
87	OHX	5	3917	7/7	0.16	2.33	59,59,59,59	0
86	MG	q1	101	1/1	0.27	2.32	44,44,44,44	0
87	OHX	5	4243	7/7	0.47	2.32	133,133,133,133	0
87	OHX	8	213	7/7	0.20	2.31	58,58,58,58	0
87	OHX	6	2199	7/7	0.21	2.31	145,145,145,145	0
86	MG	5	3747	1/1	0.21	2.29	38,38,38,38	0
87	OHX	m7	206	7/7	0.33	2.29	120,120,120,120	0
86	MG	5	3422	1/1	0.19	2.28	41,41,41,41	0
86	MG	6	2033	1/1	0.53	2.25	71,71,71,71	0
87	OHX	6	2173	7/7	0.23	2.25	149,149,149,149	0
87	OHX	6	2155	7/7	0.27	2.24	133,133,133,133	0
86	MG	5	3705	1/1	0.17	2.24	67,67,67,67	0
87	OHX	6	2125	7/7	0.19	2.23	113,113,113,113	0
87	OHX	1	4133	7/7	0.22	2.22	151,151,151,151	0
87	OHX	2	2108	7/7	0.19	2.21	125,125,125,125	0
87	OHX	5	3919	7/7	0.20	2.21	63,63,63,63	0
87	OHX	1	3900	7/7	0.21	2.20	76,76,76,76	0
87	OHX	1	3891	7/7	0.18	2.19	78,78,78,78	0
87	OHX	6	2198	7/7	0.22	2.18	134,134,134,134	0
86	MG	6	1985	1/1	0.16	2.17	41,41,41,41	0
86	MG	5	4265	1/1	0.37	2.17	27,27,27,27	0
86	MG	5	3677	1/1	0.17	2.15	41,41,41,41	0
87	OHX	5	4157	7/7	0.25	2.15	140,140,140,140	0
89	ANM	5	4260	19/19	0.24	2.15	31,31,31,31	0
86	MG	6	1957	1/1	0.45	2.14	54,54,54,54	0
87	OHX	1	3876	7/7	0.20	2.13	62,62,62,62	0
86	MG	5	3825	1/1	0.20	2.13	60,60,60,60	0
86	MG	6	1989	1/1	0.23	2.13	66,66,66,66	0
86	MG	5	3515	1/1	0.24	2.12	35,35,35,35	0
87	OHX	2	2177	7/7	0.20	2.10	134,134,134,134	0
86	MG	5	3430	1/1	0.18	2.09	76,76,76,76	0
87	OHX	1	3932	7/7	0.17	2.09	95,95,95,95	0
87	OHX	5	4094	7/7	0.21	2.09	108,108,108,108	0
86	MG	5	3816	1/1	0.26	2.09	30,30,30,30	0
87	OHX	1	3894	7/7	0.18	2.09	76,76,76,76	0
87	OHX	1	4184	7/7	0.42	2.09	130,130,130,130	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	s8	302	1/1	0.27	2.08	51,51,51,51	0
86	MG	5	3737	1/1	0.17	2.08	39,39,39,39	0
86	MG	d6	102	1/1	0.38	2.08	50,50,50,50	0
87	OHX	1	4078	7/7	0.16	2.07	115,115,115,115	0
87	OHX	2	2129	7/7	0.19	2.07	148,148,148,148	0
86	MG	5	3463	1/1	0.22	2.05	49,49,49,49	0
86	MG	1	3472	1/1	0.26	2.05	42,42,42,42	0
86	MG	5	3534	1/1	0.19	2.05	50,50,50,50	0
87	OHX	1	4138	7/7	0.24	2.03	109,109,109,109	0
86	MG	L2	301	1/1	0.27	2.02	36,36,36,36	0
87	OHX	5	4201	7/7	0.23	2.02	113,113,113,113	0
87	OHX	6	2196	7/7	0.25	2.01	134,134,134,134	0
87	OHX	1	4070	7/7	0.24	2.01	106,106,106,106	0
86	MG	M6	201	1/1	0.26	2.01	47,47,47,47	0
86	MG	5	3813	1/1	0.19	2.01	36,36,36,36	0
86	MG	5	3795	1/1	0.22	2.01	52,52,52,52	0
87	OHX	6	2187	7/7	0.21	2.00	145,145,145,145	0
87	OHX	5	4174	7/7	0.18	2.00	123,123,123,123	0
86	MG	M7	205	1/1	0.24	1.99	40,40,40,40	0
86	MG	5	3822	1/1	0.24	1.99	43,43,43,43	0
86	MG	1	3623	1/1	0.27	1.99	40,40,40,40	0
87	OHX	6	2154	7/7	0.25	1.96	160,160,160,160	0
86	MG	5	3681	1/1	0.16	1.95	46,46,46,46	0
86	MG	5	3408	1/1	0.20	1.93	28,28,28,28	0
87	OHX	1	4082	7/7	0.18	1.91	114,114,114,114	0
87	OHX	6	2202	7/7	0.34	1.91	141,141,141,141	0
87	OHX	1	4157	7/7	0.20	1.91	136,136,136,136	0
86	MG	5	3416	1/1	0.20	1.89	28,28,28,28	0
87	OHX	1	4114	7/7	0.23	1.89	105,105,105,105	0
87	OHX	1	4180	7/7	0.18	1.89	146,146,146,146	0
87	OHX	5	3937	7/7	0.17	1.89	88,88,88,88	0
86	MG	1	3788	1/1	0.35	1.89	48,48,48,48	0
86	MG	d3	202	1/1	0.31	1.87	49,49,49,49	0
86	MG	1	3445	1/1	0.44	1.87	45,45,45,45	0
87	OHX	1	4141	7/7	0.21	1.86	122,122,122,122	0
87	OHX	1	4165	7/7	0.19	1.86	149,149,149,149	0
86	MG	5	3434	1/1	0.22	1.85	31,31,31,31	0
87	OHX	2	2113	7/7	0.20	1.85	128,128,128,128	0
87	OHX	1	4152	7/7	0.27	1.84	137,137,137,137	0
87	OHX	1	4162	7/7	0.19	1.83	133,133,133,133	0
86	MG	2	1997	1/1	0.17	1.82	77,77,77,77	0
86	MG	1	3568	1/1	0.35	1.82	31,31,31,31	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(Å ²)	Q<0.9
87	OHX	2	2166	7/7	0.13	1.82	167,167,167,167	0
87	OHX	1	4102	7/7	0.24	1.81	107,107,107,107	0
87	OHX	3	226	7/7	0.17	1.81	134,134,134,134	0
87	OHX	1	4158	7/7	0.20	1.80	128,128,128,128	0
86	MG	5	3840	1/1	0.20	1.80	39,39,39,39	0
86	MG	3	209	1/1	0.19	1.79	60,60,60,60	0
87	OHX	1	3877	7/7	0.16	1.79	59,59,59,59	0
87	OHX	2	2161	7/7	0.45	1.77	132,132,132,132	0
86	MG	5	3811	1/1	0.15	1.76	95,95,95,95	0
87	OHX	2	2174	7/7	0.23	1.76	138,138,138,138	0
86	MG	5	3472	1/1	0.27	1.75	34,34,34,34	0
86	MG	5	3622	1/1	0.21	1.74	41,41,41,41	0
86	MG	1	3603	1/1	0.28	1.74	31,31,31,31	0
86	MG	1	3656	1/1	0.22	1.72	45,45,45,45	0
87	OHX	5	4058	7/7	0.22	1.72	100,100,100,100	0
87	OHX	5	4177	7/7	0.23	1.71	124,124,124,124	0
86	MG	1	3725	1/1	0.17	1.71	53,53,53,53	0
87	OHX	5	4154	7/7	0.23	1.69	107,107,107,107	0
86	MG	1	3736	1/1	0.16	1.69	40,40,40,40	0
87	OHX	5	3908	7/7	0.18	1.69	54,54,54,54	0
86	MG	6	1952	1/1	0.32	1.68	61,61,61,61	0
87	OHX	5	4082	7/7	0.20	1.67	116,116,116,116	0
86	MG	1	3809	1/1	0.32	1.66	199,199,199,199	0
87	OHX	2	2135	7/7	0.29	1.65	131,131,131,131	0
87	OHX	2	2084	7/7	0.22	1.63	117,117,117,117	0
86	MG	1	3805	1/1	0.34	1.63	59,59,59,59	0
87	OHX	1	4199	7/7	0.33	1.62	138,138,138,138	0
86	MG	2	1984	1/1	0.22	1.61	56,56,56,56	0
87	OHX	5	4134	7/7	0.17	1.57	124,124,124,124	0
87	OHX	5	3914	7/7	0.18	1.55	64,64,64,64	0
86	MG	5	3733	1/1	0.36	1.53	72,72,72,72	0
87	OHX	2	2040	7/7	0.18	1.53	98,98,98,98	0
87	OHX	2	2150	7/7	0.20	1.53	159,159,159,159	0
86	MG	1	3621	1/1	0.15	1.53	68,68,68,68	0
86	MG	6	1935	1/1	0.41	1.51	52,52,52,52	0
87	OHX	1	4185	7/7	0.31	1.49	131,131,131,131	0
87	OHX	5	4175	7/7	0.14	1.48	150,150,150,150	0
87	OHX	5	4240	7/7	0.22	1.48	159,159,159,159	0
86	MG	5	3489	1/1	0.21	1.48	30,30,30,30	0
87	OHX	1	4100	7/7	0.11	1.47	147,147,147,147	0
87	OHX	5	4173	7/7	0.19	1.47	128,128,128,128	0
87	OHX	6	2178	7/7	0.17	1.47	148,148,148,148	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	1	3699	1/1	0.28	1.47	74,74,74,74	0
87	OHX	1	4169	7/7	0.22	1.46	120,120,120,120	0
86	MG	5	3453	1/1	0.27	1.46	38,38,38,38	0
87	OHX	2	2120	7/7	0.21	1.46	132,132,132,132	0
87	OHX	5	4121	7/7	0.20	1.45	112,112,112,112	0
86	MG	2	1980	1/1	0.20	1.44	67,67,67,67	0
86	MG	5	3821	1/1	0.20	1.40	42,42,42,42	0
88	ZN	d7	101	1/1	0.53	1.40	142,142,142,142	0
87	OHX	2	2153	7/7	0.25	1.38	137,137,137,137	0
87	OHX	6	2048	7/7	0.21	1.38	73,73,73,73	0
86	MG	6	1993	1/1	0.33	1.38	55,55,55,55	0
86	MG	1	3692	1/1	0.22	1.38	37,37,37,37	0
86	MG	5	3762	1/1	0.22	1.38	50,50,50,50	0
86	MG	5	3643	1/1	0.19	1.37	44,44,44,44	0
87	OHX	6	2163	7/7	0.18	1.35	137,137,137,137	0
87	OHX	2	2119	7/7	0.17	1.33	132,132,132,132	0
87	OHX	6	2114	7/7	0.26	1.32	130,130,130,130	0
87	OHX	5	4198	7/7	0.17	1.31	132,132,132,132	0
86	MG	2	2005	1/1	0.22	1.30	59,59,59,59	0
86	MG	1	3775	1/1	0.18	1.30	52,52,52,52	0
87	OHX	1	4217	7/7	0.23	1.30	147,147,147,147	0
86	MG	6	1966	1/1	0.22	1.29	82,82,82,82	0
86	MG	2	1940	1/1	0.30	1.28	62,62,62,62	0
87	OHX	O3	201	7/7	0.21	1.27	109,109,109,109	0
86	MG	5	3725	1/1	0.21	1.27	51,51,51,51	0
87	OHX	2	2141	7/7	0.20	1.27	154,154,154,154	0
86	MG	1	3569	1/1	0.28	1.25	29,29,29,29	0
86	MG	q0	202	1/1	0.30	1.21	43,43,43,43	0
87	OHX	3	223	7/7	0.21	1.20	115,115,115,115	0
86	MG	m7	203	1/1	0.22	1.20	50,50,50,50	0
86	MG	5	3743	1/1	0.18	1.19	38,38,38,38	0
87	OHX	6	2051	7/7	0.18	1.19	78,78,78,78	0
87	OHX	2	2164	7/7	0.17	1.19	165,165,165,165	0
86	MG	5	3496	1/1	0.24	1.18	33,33,33,33	0
87	OHX	6	2139	7/7	0.15	1.17	156,156,156,156	0
87	OHX	5	3944	7/7	0.15	1.17	89,89,89,89	0
87	OHX	1	4101	7/7	0.14	1.17	143,143,143,143	0
87	OHX	5	4140	7/7	0.22	1.15	112,112,112,112	0
87	OHX	2	2134	7/7	0.17	1.15	145,145,145,145	0
87	OHX	5	4196	7/7	0.30	1.14	146,146,146,146	0
87	OHX	1	4130	7/7	0.16	1.14	134,134,134,134	0
86	MG	1	3401	1/1	0.27	1.14	45,45,45,45	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	6	2024	1/1	0.18	1.14	76,76,76,76	0
87	OHX	5	4246	7/7	0.13	1.13	138,138,138,138	0
86	MG	1	3610	1/1	0.40	1.12	57,57,57,57	0
86	MG	d4	201	1/1	0.18	1.12	53,53,53,53	0
86	MG	n8	201	1/1	0.26	1.12	32,32,32,32	0
86	MG	1	3750	1/1	0.30	1.12	52,52,52,52	0
87	OHX	1	3869	7/7	0.18	1.11	50,50,50,50	0
86	MG	5	3722	1/1	0.17	1.11	51,51,51,51	0
86	MG	8	207	1/1	0.22	1.11	58,58,58,58	0
86	MG	4	214	1/1	0.18	1.11	62,62,62,62	0
86	MG	1	3482	1/1	0.20	1.11	30,30,30,30	0
86	MG	1	3443	1/1	0.20	1.11	80,80,80,80	0
86	MG	5	3425	1/1	0.19	1.10	42,42,42,42	0
86	MG	5	3544	1/1	0.26	1.10	66,66,66,66	0
87	OHX	2	2154	7/7	0.25	1.10	162,162,162,162	0
87	OHX	1	4153	7/7	0.18	1.09	135,135,135,135	0
87	OHX	1	4159	7/7	0.27	1.09	121,121,121,121	0
87	OHX	1	3878	7/7	0.19	1.08	60,60,60,60	0
86	MG	1	3839	1/1	0.42	1.08	47,47,47,47	0
86	MG	5	3528	1/1	0.33	1.08	52,52,52,52	0
87	OHX	L4	402	7/7	0.27	1.07	127,127,127,127	0
86	MG	1	3689	1/1	0.25	1.07	34,34,34,34	0
86	MG	M7	201	1/1	0.42	1.04	62,62,62,62	0
86	MG	1	3700	1/1	0.17	1.03	42,42,42,42	0
87	OHX	6	2174	7/7	0.20	1.03	103,103,103,103	0
86	MG	4	206	1/1	0.29	1.02	33,33,33,33	0
86	MG	N3	203	1/1	0.30	1.02	53,53,53,53	0
87	OHX	6	2044	7/7	0.17	1.02	56,56,56,56	0
86	MG	5	3692	1/1	0.17	1.00	43,43,43,43	0
87	OHX	1	4192	7/7	0.28	0.99	139,139,139,139	0
87	OHX	6	2047	7/7	0.18	0.98	71,71,71,71	0
87	OHX	l5	306	7/7	0.33	0.98	136,136,136,136	0
86	MG	l5	302	1/1	0.22	0.98	63,63,63,63	0
86	MG	m5	304	1/1	0.28	0.97	93,93,93,93	0
87	OHX	1	4041	7/7	0.25	0.97	112,112,112,112	0
86	MG	1	3779	1/1	0.28	0.97	70,70,70,70	0
86	MG	1	3583	1/1	0.39	0.96	36,36,36,36	0
86	MG	5	3589	1/1	0.23	0.96	66,66,66,66	0
87	OHX	1	4084	7/7	0.24	0.94	113,113,113,113	0
86	MG	6	2035	1/1	0.24	0.93	56,56,56,56	0
87	OHX	1	3937	7/7	0.15	0.92	102,102,102,102	0
87	OHX	o9	101	7/7	0.24	0.91	107,107,107,107	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(Å ²)	Q<0.9
86	MG	5	3898	1/1	0.24	0.91	111,111,111,111	0
87	OHX	6	2186	7/7	0.15	0.91	161,161,161,161	0
87	OHX	1	4135	7/7	0.19	0.91	149,149,149,149	0
86	MG	7	211	1/1	0.17	0.89	67,67,67,67	0
87	OHX	1	4144	7/7	0.17	0.88	126,126,126,126	0
87	OHX	6	2168	7/7	0.20	0.87	143,143,143,143	0
86	MG	n6	201	1/1	0.31	0.87	59,59,59,59	0
86	MG	5	3476	1/1	0.17	0.86	34,34,34,34	0
87	OHX	2	2146	7/7	0.25	0.86	134,134,134,134	0
87	OHX	2	2140	7/7	0.23	0.85	156,156,156,156	0
87	OHX	6	2126	7/7	0.22	0.84	135,135,135,135	0
87	OHX	2	2147	7/7	0.16	0.83	120,120,120,120	0
86	MG	2	1901	1/1	0.52	0.82	75,75,75,75	0
87	OHX	5	4252	7/7	0.32	0.81	133,133,133,133	0
86	MG	L7	301	1/1	0.20	0.81	42,42,42,42	0
86	MG	1	3455	1/1	0.31	0.80	52,52,52,52	0
88	ZN	D7	101	1/1	0.46	0.79	147,147,147,147	0
87	OHX	6	2100	7/7	0.20	0.79	110,110,110,110	0
86	MG	1	3762	1/1	0.15	0.78	48,48,48,48	0
86	MG	1	3713	1/1	0.27	0.78	51,51,51,51	0
86	MG	M3	201	1/1	0.21	0.78	55,55,55,55	0
87	OHX	5	4124	7/7	0.19	0.78	99,99,99,99	0
87	OHX	2	2112	7/7	0.17	0.77	149,149,149,149	0
87	OHX	6	2176	7/7	0.40	0.77	122,122,122,122	0
86	MG	2	1951	1/1	0.32	0.76	90,90,90,90	0
86	MG	sM	402	1/1	0.34	0.76	45,45,45,45	0
87	OHX	1	3874	7/7	0.16	0.76	59,59,59,59	0
86	MG	2	2017	1/1	0.17	0.75	75,75,75,75	0
87	OHX	2	2091	7/7	0.20	0.73	132,132,132,132	0
86	MG	1	3447	1/1	0.29	0.72	41,41,41,41	0
87	OHX	1	4031	7/7	0.19	0.72	108,108,108,108	0
87	OHX	5	4225	7/7	0.17	0.72	131,131,131,131	0
87	OHX	1	4134	7/7	0.20	0.71	144,144,144,144	0
87	OHX	1	3882	7/7	0.16	0.70	64,64,64,64	0
87	OHX	1	4115	7/7	0.19	0.70	131,131,131,131	0
87	OHX	2	2148	7/7	0.24	0.70	167,167,167,167	0
87	OHX	5	4144	7/7	0.31	0.69	123,123,123,123	0
87	OHX	1	4126	7/7	0.23	0.68	102,102,102,102	0
87	OHX	5	4215	7/7	0.23	0.67	143,143,143,143	0
87	OHX	5	4176	7/7	0.20	0.66	127,127,127,127	0
86	MG	5	3707	1/1	0.19	0.66	38,38,38,38	0
87	OHX	N9	101	7/7	0.19	0.66	62,62,62,62	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	4	204	1/1	0.38	0.66	70,70,70,70	0
87	OHX	5	4208	7/7	0.20	0.65	114,114,114,114	0
87	OHX	2	2024	7/7	0.17	0.64	80,80,80,80	0
86	MG	5	3781	1/1	0.26	0.64	58,58,58,58	0
86	MG	1	3855	1/1	0.18	0.64	60,60,60,60	0
87	OHX	5	4259	7/7	0.28	0.63	153,153,153,153	0
86	MG	15	301	1/1	0.22	0.62	41,41,41,41	0
87	OHX	14	402	7/7	0.25	0.62	142,142,142,142	0
86	MG	m7	202	1/1	0.23	0.61	32,32,32,32	0
87	OHX	5	4171	7/7	0.18	0.61	140,140,140,140	0
86	MG	1	3638	1/1	0.20	0.61	50,50,50,50	0
87	OHX	5	4125	7/7	0.19	0.60	119,119,119,119	0
86	MG	5	3823	1/1	0.17	0.60	38,38,38,38	0
86	MG	5	3468	1/1	0.17	0.59	37,37,37,37	0
87	OHX	D9	102	7/7	0.28	0.57	136,136,136,136	0
86	MG	1	3823	1/1	0.19	0.57	44,44,44,44	0
86	MG	1	3665	1/1	0.19	0.56	48,48,48,48	0
87	OHX	d9	102	7/7	0.25	0.56	153,153,153,153	0
86	MG	1	3783	1/1	0.17	0.56	44,44,44,44	0
86	MG	D3	201	1/1	0.26	0.56	54,54,54,54	0
87	OHX	5	3931	7/7	0.17	0.55	70,70,70,70	0
87	OHX	1	4099	7/7	0.17	0.55	136,136,136,136	0
86	MG	5	3454	1/1	0.14	0.54	44,44,44,44	0
87	OHX	5	4197	7/7	0.27	0.52	118,118,118,118	0
87	OHX	6	2146	7/7	0.19	0.51	132,132,132,132	0
87	OHX	1	3870	7/7	0.17	0.51	47,47,47,47	0
87	OHX	5	4227	7/7	0.29	0.51	165,165,165,165	0
87	OHX	6	2197	7/7	0.21	0.50	132,132,132,132	0
86	MG	M9	201	1/1	0.30	0.49	66,66,66,66	0
87	OHX	1	4161	7/7	0.18	0.48	107,107,107,107	0
87	OHX	5	4038	7/7	0.18	0.47	105,105,105,105	0
87	OHX	1	4060	7/7	0.18	0.47	97,97,97,97	0
87	OHX	5	4258	7/7	0.15	0.46	131,131,131,131	0
86	MG	o1	201	1/1	0.21	0.45	42,42,42,42	0
87	OHX	5	4022	7/7	0.15	0.44	144,144,144,144	0
87	OHX	5	4182	7/7	0.19	0.43	118,118,118,118	0
87	OHX	1	4117	7/7	0.17	0.43	167,167,167,167	0
87	OHX	5	4213	7/7	0.23	0.43	131,131,131,131	0
87	OHX	4	230	7/7	0.16	0.43	102,102,102,102	0
87	OHX	2	2116	7/7	0.21	0.43	133,133,133,133	0
87	OHX	2	2099	7/7	0.15	0.42	114,114,114,114	0
87	OHX	1	4067	7/7	0.19	0.42	118,118,118,118	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	2	2152	7/7	0.14	0.41	180,180,180,180	0
87	OHX	6	2171	7/7	0.29	0.41	143,143,143,143	0
87	OHX	1	4075	7/7	0.21	0.41	137,137,137,137	0
87	OHX	5	4120	7/7	0.20	0.40	101,101,101,101	0
87	OHX	6	2193	7/7	0.20	0.39	173,173,173,173	0
86	MG	L8	301	1/1	0.33	0.39	55,55,55,55	0
86	MG	5	3779	1/1	0.18	0.38	28,28,28,28	0
87	OHX	5	3909	7/7	0.18	0.38	56,56,56,56	0
86	MG	6	2001	1/1	0.17	0.38	54,54,54,54	0
87	OHX	1	3922	7/7	0.14	0.38	93,93,93,93	0
87	OHX	1	4215	7/7	0.21	0.37	155,155,155,155	0
87	OHX	1	4196	7/7	0.18	0.37	140,140,140,140	0
86	MG	5	3713	1/1	0.20	0.37	86,86,86,86	0
86	MG	5	3727	1/1	0.22	0.37	38,38,38,38	0
87	OHX	2	2151	7/7	0.22	0.37	159,159,159,159	0
86	MG	5	3849	1/1	0.20	0.36	51,51,51,51	0
87	OHX	6	2184	7/7	0.15	0.36	162,162,162,162	0
87	OHX	5	4232	7/7	0.25	0.36	137,137,137,137	0
87	OHX	5	4128	7/7	0.14	0.35	140,140,140,140	0
86	MG	5	3852	1/1	0.30	0.32	50,50,50,50	0
87	OHX	n9	102	7/7	0.20	0.29	65,65,65,65	0
87	OHX	2	2109	7/7	0.17	0.28	145,145,145,145	0
86	MG	1	3752	1/1	0.15	0.27	60,60,60,60	0
87	OHX	2	2132	7/7	0.21	0.27	125,125,125,125	0
87	OHX	5	4004	7/7	0.13	0.26	105,105,105,105	0
87	OHX	5	3945	7/7	0.14	0.25	82,82,82,82	0
87	OHX	5	3928	7/7	0.18	0.25	68,68,68,68	0
87	OHX	5	4097	7/7	0.20	0.25	110,110,110,110	0
86	MG	5	3815	1/1	0.30	0.25	66,66,66,66	0
86	MG	1	3754	1/1	0.16	0.24	57,57,57,57	0
87	OHX	1	3872	7/7	0.17	0.24	58,58,58,58	0
86	MG	1	3632	1/1	0.17	0.23	32,32,32,32	0
86	MG	5	3837	1/1	0.18	0.23	55,55,55,55	0
87	OHX	s1	303	7/7	0.34	0.23	155,155,155,155	0
87	OHX	2	2033	7/7	0.17	0.21	105,105,105,105	0
87	OHX	6	2192	7/7	0.21	0.21	169,169,169,169	0
86	MG	6	1981	1/1	0.27	0.20	45,45,45,45	0
86	MG	1	3640	1/1	0.25	0.20	59,59,59,59	0
87	OHX	1	4120	7/7	0.15	0.20	125,125,125,125	0
87	OHX	1	4074	7/7	0.19	0.20	128,128,128,128	0
87	OHX	1	3924	7/7	0.13	0.20	110,110,110,110	0
86	MG	1	3479	1/1	0.19	0.20	74,74,74,74	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(Å ²)	Q<0.9
86	MG	1	3800	1/1	0.18	0.20	51,51,51,51	0
86	MG	1	3554	1/1	0.18	0.19	49,49,49,49	0
87	OHX	4	234	7/7	0.20	0.18	113,113,113,113	0
87	OHX	5	4109	7/7	0.18	0.18	102,102,102,102	0
87	OHX	5	4181	7/7	0.19	0.17	89,89,89,89	0
87	OHX	m8	201	7/7	0.21	0.16	129,129,129,129	0
87	OHX	6	2130	7/7	0.18	0.15	120,120,120,120	0
86	MG	5	3627	1/1	0.16	0.14	60,60,60,60	0
89	ANM	1	4218	19/19	0.19	0.13	33,33,33,33	0
87	OHX	8	218	7/7	0.16	0.12	110,110,110,110	0
87	OHX	5	4142	7/7	0.18	0.12	114,114,114,114	0
87	OHX	6	2200	7/7	0.25	0.12	139,139,139,139	0
86	MG	1	3634	1/1	0.25	0.11	61,61,61,61	0
87	OHX	2	2156	7/7	0.21	0.11	141,141,141,141	0
87	OHX	1	4155	7/7	0.14	0.11	109,109,109,109	0
87	OHX	6	2181	7/7	0.32	0.11	126,126,126,126	0
86	MG	6	2023	1/1	0.20	0.09	83,83,83,83	0
86	MG	1	3639	1/1	0.16	0.09	53,53,53,53	0
87	OHX	m4	201	7/7	0.19	0.08	202,202,202,202	0
86	MG	5	3720	1/1	0.20	0.07	40,40,40,40	0
87	OHX	1	4188	7/7	0.15	0.07	140,140,140,140	0
87	OHX	2	2100	7/7	0.20	0.07	142,142,142,142	0
87	OHX	5	3971	7/7	0.13	0.06	98,98,98,98	0
87	OHX	5	3953	7/7	0.13	0.05	95,95,95,95	0
87	OHX	1	3873	7/7	0.20	0.04	54,54,54,54	0
87	OHX	M8	201	7/7	0.22	0.03	126,126,126,126	0
87	OHX	1	4045	7/7	0.19	0.02	117,117,117,117	0
87	OHX	5	4002	7/7	0.12	0.02	115,115,115,115	0
87	OHX	5	4241	7/7	0.17	0.02	101,101,101,101	0
86	MG	5	3493	1/1	0.17	0.02	45,45,45,45	0
87	OHX	6	2160	7/7	0.20	0.02	114,114,114,114	0
87	OHX	1	4093	7/7	0.13	0.01	129,129,129,129	0
87	OHX	5	4184	7/7	0.24	0.01	131,131,131,131	0
87	OHX	5	4235	7/7	0.18	-0.00	153,153,153,153	0
86	MG	5	3407	1/1	0.18	-0.00	39,39,39,39	0
86	MG	5	3754	1/1	0.16	0.00	43,43,43,43	0
86	MG	m7	205	1/1	0.23	0.00	37,37,37,37	0
86	MG	6	1914	1/1	0.35	-0.01	71,71,71,71	0
87	OHX	6	2061	7/7	0.15	-0.01	96,96,96,96	0
87	OHX	5	3903	7/7	0.17	-0.03	48,48,48,48	0
87	OHX	5	3960	7/7	0.17	-0.04	92,92,92,92	0
86	MG	1	3706	1/1	0.15	-0.04	59,59,59,59	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	5	3804	1/1	0.15	-0.04	69,69,69,69	0
87	OHX	d4	202	7/7	0.18	-0.04	151,151,151,151	0
86	MG	1	3717	1/1	0.17	-0.04	46,46,46,46	0
87	OHX	2	2028	7/7	0.18	-0.04	93,93,93,93	0
87	OHX	2	2162	7/7	0.29	-0.05	149,149,149,149	0
87	OHX	5	4081	7/7	0.19	-0.05	113,113,113,113	0
86	MG	6	2021	1/1	0.21	-0.06	48,48,48,48	0
86	MG	1	3724	1/1	0.18	-0.06	56,56,56,56	0
87	OHX	5	3943	7/7	0.15	-0.06	78,78,78,78	0
86	MG	5	3526	1/1	0.14	-0.06	52,52,52,52	0
86	MG	2	1999	1/1	0.35	-0.07	69,69,69,69	0
87	OHX	C8	201	7/7	0.15	-0.07	107,107,107,107	0
86	MG	1	3813	1/1	0.19	-0.08	50,50,50,50	0
87	OHX	1	4110	7/7	0.19	-0.09	110,110,110,110	0
86	MG	1	3420	1/1	0.32	-0.10	67,67,67,67	0
87	OHX	1	4083	7/7	0.18	-0.11	121,121,121,121	0
86	MG	n8	203	1/1	0.21	-0.12	36,36,36,36	0
86	MG	L5	301	1/1	0.31	-0.12	62,62,62,62	0
87	OHX	6	2191	7/7	0.20	-0.12	151,151,151,151	0
87	OHX	1	4105	7/7	0.23	-0.13	126,126,126,126	0
86	MG	5	3601	1/1	0.14	-0.14	40,40,40,40	0
87	OHX	1	3995	7/7	0.17	-0.15	111,111,111,111	0
86	MG	1	3654	1/1	0.17	-0.15	45,45,45,45	0
87	OHX	5	4152	7/7	0.19	-0.15	130,130,130,130	0
87	OHX	5	4048	7/7	0.15	-0.16	120,120,120,120	0
86	MG	1	3767	1/1	0.16	-0.16	37,37,37,37	0
87	OHX	5	4233	7/7	0.18	-0.16	141,141,141,141	0
86	MG	6	1983	1/1	0.14	-0.17	78,78,78,78	0
87	OHX	L3	404	7/7	0.22	-0.19	154,154,154,154	0
87	OHX	2	2122	7/7	0.15	-0.19	137,137,137,137	0
87	OHX	1	3901	7/7	0.15	-0.20	77,77,77,77	0
86	MG	1	3645	1/1	0.20	-0.20	46,46,46,46	0
87	OHX	5	4126	7/7	0.17	-0.21	111,111,111,111	0
87	OHX	2	2178	7/7	0.21	-0.22	172,172,172,172	0
87	OHX	1	3910	7/7	0.15	-0.23	86,86,86,86	0
87	OHX	5	3961	7/7	0.13	-0.23	86,86,86,86	0
87	OHX	2	2076	7/7	0.19	-0.24	121,121,121,121	0
87	OHX	6	2053	7/7	0.16	-0.24	68,68,68,68	0
87	OHX	1	3883	7/7	0.14	-0.25	63,63,63,63	0
86	MG	1	3428	1/1	0.19	-0.26	48,48,48,48	0
88	ZN	q3	501	1/1	0.13	-0.26	58,58,58,58	0
87	OHX	5	4101	7/7	0.18	-0.26	121,121,121,121	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	3	211	1/1	0.15	-0.26	75,75,75,75	0
86	MG	1	3606	1/1	0.13	-0.26	39,39,39,39	0
86	MG	n3	202	1/1	0.20	-0.26	46,46,46,46	0
86	MG	5	3863	1/1	0.16	-0.26	46,46,46,46	0
87	OHX	6	2161	7/7	0.17	-0.26	124,124,124,124	0
87	OHX	5	4147	7/7	0.11	-0.27	135,135,135,135	0
87	OHX	6	2104	7/7	0.19	-0.27	124,124,124,124	0
87	OHX	2	2101	7/7	0.14	-0.27	136,136,136,136	0
87	OHX	1	4068	7/7	0.17	-0.27	96,96,96,96	0
87	OHX	5	4129	7/7	0.15	-0.28	132,132,132,132	0
87	OHX	2	2096	7/7	0.19	-0.28	125,125,125,125	0
87	OHX	5	4216	7/7	0.14	-0.29	141,141,141,141	0
87	OHX	2	2181	7/7	0.21	-0.29	156,156,156,156	0
86	MG	1	3489	1/1	0.23	-0.29	51,51,51,51	0
87	OHX	5	4250	7/7	0.19	-0.30	99,99,99,99	0
87	OHX	1	4166	7/7	0.24	-0.30	134,134,134,134	0
87	OHX	1	3889	7/7	0.15	-0.31	67,67,67,67	0
86	MG	5	3766	1/1	0.14	-0.31	44,44,44,44	0
87	OHX	2	2095	7/7	0.14	-0.31	142,142,142,142	0
86	MG	5	3678	1/1	0.17	-0.32	37,37,37,37	0
88	ZN	Q3	501	1/1	0.13	-0.32	55,55,55,55	0
87	OHX	5	4113	7/7	0.17	-0.33	107,107,107,107	0
87	OHX	1	4054	7/7	0.16	-0.33	111,111,111,111	0
87	OHX	1	4010	7/7	0.17	-0.33	101,101,101,101	0
87	OHX	1	4094	7/7	0.17	-0.34	146,146,146,146	0
87	OHX	1	4053	7/7	0.16	-0.34	106,106,106,106	0
87	OHX	2	2075	7/7	0.16	-0.35	138,138,138,138	0
86	MG	5	3810	1/1	0.15	-0.35	41,41,41,41	0
87	OHX	5	3911	7/7	0.25	-0.35	63,63,63,63	0
86	MG	M0	302	1/1	0.22	-0.36	49,49,49,49	0
87	OHX	m1	202	7/7	0.30	-0.37	140,140,140,140	0
87	OHX	1	3897	7/7	0.14	-0.37	70,70,70,70	0
87	OHX	1	4154	7/7	0.17	-0.38	141,141,141,141	0
87	OHX	5	3963	7/7	0.13	-0.39	83,83,83,83	0
86	MG	5	3812	1/1	0.18	-0.39	39,39,39,39	0
86	MG	2	1987	1/1	0.23	-0.40	70,70,70,70	0
87	OHX	5	4099	7/7	0.16	-0.41	112,112,112,112	0
87	OHX	1	4149	7/7	0.17	-0.41	144,144,144,144	0
86	MG	6	2205	1/1	0.18	-0.41	67,67,67,67	0
87	OHX	5	4224	7/7	0.14	-0.41	101,101,101,101	0
87	OHX	2	2145	7/7	0.22	-0.42	159,159,159,159	0
87	OHX	5	4074	7/7	0.17	-0.42	104,104,104,104	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	m1	201	1/1	0.13	-0.43	57,57,57,57	0
86	MG	SM	301	1/1	0.18	-0.43	52,52,52,52	0
87	OHX	6	2141	7/7	0.15	-0.43	134,134,134,134	0
86	MG	2	2004	1/1	0.21	-0.43	61,61,61,61	0
86	MG	6	2204	1/1	0.20	-0.44	57,57,57,57	0
87	OHX	6	2165	7/7	0.14	-0.44	172,172,172,172	0
86	MG	1	3637	1/1	0.23	-0.44	63,63,63,63	0
87	OHX	2	2041	7/7	0.13	-0.45	90,90,90,90	0
87	OHX	1	4170	7/7	0.15	-0.46	204,204,204,204	0
87	OHX	1	3871	7/7	0.15	-0.46	54,54,54,54	0
87	OHX	2	2167	7/7	0.16	-0.46	155,155,155,155	0
87	OHX	6	2149	7/7	0.18	-0.46	111,111,111,111	0
87	OHX	19	600	7/7	0.18	-0.46	119,119,119,119	0
87	OHX	2	2103	7/7	0.14	-0.47	142,142,142,142	0
87	OHX	1	3880	7/7	0.16	-0.47	57,57,57,57	0
87	OHX	5	3979	7/7	0.13	-0.48	103,103,103,103	0
87	OHX	5	4170	7/7	0.18	-0.48	112,112,112,112	0
86	MG	1	3758	1/1	0.15	-0.48	48,48,48,48	0
87	OHX	6	2123	7/7	0.17	-0.49	128,128,128,128	0
87	OHX	1	4047	7/7	0.12	-0.50	107,107,107,107	0
86	MG	5	3642	1/1	0.17	-0.50	62,62,62,62	0
86	MG	3	210	1/1	0.15	-0.51	64,64,64,64	0
86	MG	c9	201	1/1	0.24	-0.51	68,68,68,68	0
86	MG	5	3808	1/1	0.15	-0.51	48,48,48,48	0
86	MG	n6	202	1/1	0.20	-0.51	47,47,47,47	0
87	OHX	S8	302	7/7	0.25	-0.51	154,154,154,154	0
86	MG	5	3616	1/1	0.15	-0.51	41,41,41,41	0
87	OHX	5	4105	7/7	0.15	-0.51	128,128,128,128	0
87	OHX	3	222	7/7	0.12	-0.52	137,137,137,137	0
86	MG	5	3772	1/1	0.15	-0.52	45,45,45,45	0
87	OHX	c3	201	7/7	0.17	-0.53	148,148,148,148	0
86	MG	1	3663	1/1	0.17	-0.54	46,46,46,46	0
87	OHX	6	2082	7/7	0.12	-0.54	126,126,126,126	0
87	OHX	5	4067	7/7	0.16	-0.54	98,98,98,98	0
87	OHX	5	4033	7/7	0.15	-0.54	103,103,103,103	0
87	OHX	2	2175	7/7	0.16	-0.54	151,151,151,151	0
86	MG	1	3415	1/1	0.16	-0.55	45,45,45,45	0
86	MG	5	3484	1/1	0.16	-0.56	66,66,66,66	0
86	MG	q3	502	1/1	0.23	-0.56	61,61,61,61	0
86	MG	1	3694	1/1	0.14	-0.56	45,45,45,45	0
87	OHX	1	4042	7/7	0.13	-0.56	112,112,112,112	0
87	OHX	m0	302	7/7	0.17	-0.57	112,112,112,112	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	6	2156	7/7	0.14	-0.58	131,131,131,131	0
87	OHX	5	4102	7/7	0.14	-0.58	117,117,117,117	0
87	OHX	5	4136	7/7	0.16	-0.58	138,138,138,138	0
87	OHX	1	4050	7/7	0.16	-0.58	108,108,108,108	0
87	OHX	2	2139	7/7	0.15	-0.59	134,134,134,134	0
87	OHX	1	4080	7/7	0.13	-0.59	126,126,126,126	0
87	OHX	5	4190	7/7	0.16	-0.59	139,139,139,139	0
86	MG	5	3767	1/1	0.16	-0.59	35,35,35,35	0
87	OHX	1	3943	7/7	0.12	-0.60	98,98,98,98	0
87	OHX	5	3922	7/7	0.15	-0.60	60,60,60,60	0
87	OHX	1	3981	7/7	0.18	-0.61	87,87,87,87	0
87	OHX	5	4131	7/7	0.16	-0.61	137,137,137,137	0
87	OHX	5	4096	7/7	0.16	-0.62	96,96,96,96	0
87	OHX	s8	303	7/7	0.28	-0.62	150,150,150,150	0
87	OHX	6	2074	7/7	0.17	-0.62	106,106,106,106	0
87	OHX	s4	301	7/7	0.15	-0.63	140,140,140,140	0
87	OHX	1	3969	7/7	0.12	-0.63	114,114,114,114	0
87	OHX	1	4052	7/7	0.11	-0.63	128,128,128,128	0
87	OHX	1	3947	7/7	0.10	-0.64	104,104,104,104	0
87	OHX	5	3912	7/7	0.15	-0.65	54,54,54,54	0
87	OHX	s1	302	7/7	0.15	-0.65	81,81,81,81	0
86	MG	1	4222	1/1	0.17	-0.66	45,45,45,45	0
86	MG	5	3435	1/1	0.15	-0.66	36,36,36,36	0
87	OHX	5	4052	7/7	0.17	-0.67	97,97,97,97	0
87	OHX	5	3954	7/7	0.11	-0.67	97,97,97,97	0
87	OHX	2	2128	7/7	0.18	-0.67	127,127,127,127	0
87	OHX	1	4203	7/7	0.15	-0.67	123,123,123,123	0
87	OHX	1	4127	7/7	0.16	-0.68	132,132,132,132	0
87	OHX	6	2135	7/7	0.19	-0.68	117,117,117,117	0
87	OHX	6	2159	7/7	0.18	-0.69	120,120,120,120	0
87	OHX	1	4086	7/7	0.16	-0.69	119,119,119,119	0
86	MG	s1	301	1/1	0.16	-0.69	75,75,75,75	0
87	OHX	2	2131	7/7	0.17	-0.70	112,112,112,112	0
87	OHX	6	2151	7/7	0.14	-0.70	139,139,139,139	0
87	OHX	1	4107	7/7	0.14	-0.70	117,117,117,117	0
87	OHX	2	2027	7/7	0.19	-0.70	73,73,73,73	0
88	ZN	d9	101	1/1	0.12	-0.70	72,72,72,72	0
87	OHX	2	2037	7/7	0.12	-0.70	116,116,116,116	0
87	OHX	1	3956	7/7	0.14	-0.70	98,98,98,98	0
87	OHX	6	2170	7/7	0.17	-0.71	139,139,139,139	0
87	OHX	6	2054	7/7	0.14	-0.71	74,74,74,74	0
86	MG	6	1923	1/1	0.16	-0.71	69,69,69,69	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(Å ²)	Q<0.9
87	OHX	1	3939	7/7	0.12	-0.71	97,97,97,97	0
87	OHX	5	4209	7/7	0.19	-0.72	117,117,117,117	0
87	OHX	2	2093	7/7	0.12	-0.73	141,141,141,141	0
87	OHX	5	4150	7/7	0.14	-0.74	128,128,128,128	0
88	ZN	q0	201	1/1	0.15	-0.74	30,30,30,30	0
87	OHX	6	2157	7/7	0.15	-0.74	109,109,109,109	0
87	OHX	1	4088	7/7	0.15	-0.74	122,122,122,122	0
87	OHX	5	4047	7/7	0.11	-0.74	144,144,144,144	0
86	MG	1	3601	1/1	0.14	-0.74	36,36,36,36	0
87	OHX	1	3971	7/7	0.12	-0.77	121,121,121,121	0
87	OHX	l3	404	7/7	0.14	-0.78	132,132,132,132	0
88	ZN	q2	501	1/1	0.10	-0.79	70,70,70,70	0
86	MG	2	1948	1/1	0.16	-0.79	85,85,85,85	0
87	OHX	M9	202	7/7	0.21	-0.79	156,156,156,156	0
86	MG	6	1995	1/1	0.14	-0.79	71,71,71,71	0
86	MG	2	1978	1/1	0.14	-0.79	91,91,91,91	0
87	OHX	5	4132	7/7	0.10	-0.80	147,147,147,147	0
86	MG	1	3618	1/1	0.12	-0.80	60,60,60,60	0
87	OHX	2	2090	7/7	0.13	-0.80	119,119,119,119	0
86	MG	5	3446	1/1	0.14	-0.80	40,40,40,40	0
87	OHX	6	2063	7/7	0.12	-0.81	109,109,109,109	0
86	MG	1	3793	1/1	0.13	-0.81	85,85,85,85	0
86	MG	5	3443	1/1	0.20	-0.81	31,31,31,31	0
86	MG	5	3702	1/1	0.16	-0.81	54,54,54,54	0
87	OHX	8	221	7/7	0.18	-0.82	116,116,116,116	0
86	MG	1	3728	1/1	0.14	-0.82	62,62,62,62	0
86	MG	5	3404	1/1	0.15	-0.83	46,46,46,46	0
87	OHX	5	3907	7/7	0.16	-0.83	52,52,52,52	0
87	OHX	6	2113	7/7	0.13	-0.83	120,120,120,120	0
87	OHX	7	215	7/7	0.15	-0.83	87,87,87,87	0
87	OHX	1	4005	7/7	0.16	-0.83	97,97,97,97	0
87	OHX	2	2031	7/7	0.11	-0.84	109,109,109,109	0
87	OHX	5	3980	7/7	0.14	-0.85	90,90,90,90	0
86	MG	1	3582	1/1	0.17	-0.85	38,38,38,38	0
87	OHX	2	2121	7/7	0.13	-0.86	140,140,140,140	0
87	OHX	5	4151	7/7	0.13	-0.87	112,112,112,112	0
87	OHX	5	3978	7/7	0.10	-0.88	94,94,94,94	0
87	OHX	1	4033	7/7	0.15	-0.90	126,126,126,126	0
87	OHX	2	2043	7/7	0.14	-0.90	110,110,110,110	0
86	MG	5	3828	1/1	0.16	-0.90	91,91,91,91	0
87	OHX	6	2132	7/7	0.17	-0.90	119,119,119,119	0
86	MG	5	3786	1/1	0.14	-0.91	78,78,78,78	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	6	2144	7/7	0.13	-0.91	125,125,125,125	0
86	MG	5	3414	1/1	0.11	-0.91	50,50,50,50	0
87	OHX	2	2105	7/7	0.14	-0.91	114,114,114,114	0
87	OHX	O2	201	7/7	0.15	-0.93	93,93,93,93	0
87	OHX	5	4065	7/7	0.13	-0.93	110,110,110,110	0
87	OHX	5	3982	7/7	0.17	-0.93	93,93,93,93	0
87	OHX	1	3930	7/7	0.12	-0.94	106,106,106,106	0
86	MG	5	3758	1/1	0.13	-0.95	47,47,47,47	0
87	OHX	1	4029	7/7	0.12	-0.96	120,120,120,120	0
87	OHX	5	3948	7/7	0.14	-0.97	77,77,77,77	0
87	OHX	6	2136	7/7	0.17	-0.97	118,118,118,118	0
86	MG	5	3429	1/1	0.18	-0.98	29,29,29,29	0
87	OHX	5	4211	7/7	0.23	-0.99	123,123,123,123	0
87	OHX	5	4159	7/7	0.17	-0.99	137,137,137,137	0
87	OHX	1	3919	7/7	0.11	-0.99	94,94,94,94	0
87	OHX	2	2042	7/7	0.12	-0.99	94,94,94,94	0
87	OHX	2	2110	7/7	0.07	-1.00	129,129,129,129	0
87	OHX	7	224	7/7	0.15	-1.00	105,105,105,105	0
86	MG	1	3773	1/1	0.18	-1.00	65,65,65,65	0
87	OHX	1	4036	7/7	0.14	-1.00	98,98,98,98	0
87	OHX	7	221	7/7	0.07	-1.00	103,103,103,103	0
87	OHX	1	3959	7/7	0.08	-1.00	93,93,93,93	0
87	OHX	1	4087	7/7	0.11	-1.01	136,136,136,136	0
87	OHX	1	4026	7/7	0.14	-1.01	132,132,132,132	0
86	MG	15	303	1/1	0.12	-1.01	63,63,63,63	0
87	OHX	5	4080	7/7	0.14	-1.02	110,110,110,110	0
86	MG	6	1996	1/1	0.15	-1.02	50,50,50,50	0
87	OHX	2	2142	7/7	0.10	-1.02	155,155,155,155	0
88	ZN	O7	101	1/1	0.17	-1.03	36,36,36,36	0
87	OHX	5	3910	7/7	0.16	-1.04	58,58,58,58	0
87	OHX	1	3928	7/7	0.14	-1.04	88,88,88,88	0
86	MG	m6	201	1/1	0.14	-1.05	32,32,32,32	0
87	OHX	6	2049	7/7	0.17	-1.05	68,68,68,68	0
87	OHX	5	4202	7/7	0.23	-1.05	163,163,163,163	0
86	MG	5	3698	1/1	0.12	-1.05	44,44,44,44	0
87	OHX	8	214	7/7	0.06	-1.06	106,106,106,106	0
87	OHX	1	4015	7/7	0.10	-1.06	121,121,121,121	0
87	OHX	5	3974	7/7	0.09	-1.06	94,94,94,94	0
87	OHX	5	4071	7/7	0.14	-1.06	110,110,110,110	0
87	OHX	5	4077	7/7	0.16	-1.06	123,123,123,123	0
87	OHX	2	2127	7/7	0.14	-1.07	133,133,133,133	0
87	OHX	1	4177	7/7	0.12	-1.07	103,103,103,103	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(Å ²)	Q<0.9
87	OHX	1	4035	7/7	0.15	-1.07	123,123,123,123	0
87	OHX	15	304	7/7	0.12	-1.07	133,133,133,133	0
87	OHX	5	3906	7/7	0.14	-1.07	48,48,48,48	0
87	OHX	6	2046	7/7	0.16	-1.07	62,62,62,62	0
87	OHX	1	4002	7/7	0.14	-1.07	108,108,108,108	0
87	OHX	6	2105	7/7	0.15	-1.08	107,107,107,107	0
87	OHX	5	4035	7/7	0.15	-1.08	95,95,95,95	0
87	OHX	6	2119	7/7	0.08	-1.08	135,135,135,135	0
87	OHX	3	221	7/7	0.09	-1.09	122,122,122,122	0
87	OHX	1	3986	7/7	0.13	-1.09	100,100,100,100	0
87	OHX	5	4037	7/7	0.10	-1.09	130,130,130,130	0
87	OHX	5	3970	7/7	0.14	-1.09	94,94,94,94	0
87	OHX	1	4024	7/7	0.15	-1.10	113,113,113,113	0
87	OHX	1	4013	7/7	0.12	-1.10	124,124,124,124	0
87	OHX	2	2062	7/7	0.17	-1.10	120,120,120,120	0
87	OHX	2	2047	7/7	0.04	-1.11	119,119,119,119	0
87	OHX	4	224	7/7	0.16	-1.11	57,57,57,57	0
87	OHX	1	3985	7/7	0.05	-1.12	106,106,106,106	0
87	OHX	5	3993	7/7	0.10	-1.12	114,114,114,114	0
87	OHX	15	305	7/7	0.14	-1.12	135,135,135,135	0
87	OHX	1	3996	7/7	0.12	-1.12	129,129,129,129	0
87	OHX	5	4018	7/7	0.10	-1.13	139,139,139,139	0
87	OHX	1	4000	7/7	0.10	-1.13	159,159,159,159	0
86	MG	5	3861	1/1	0.17	-1.13	45,45,45,45	0
87	OHX	SR	401	7/7	0.06	-1.13	156,156,156,156	0
88	ZN	Q0	500	1/1	0.11	-1.13	48,48,48,48	0
87	OHX	1	4009	7/7	0.13	-1.15	108,108,108,108	0
87	OHX	O7	104	7/7	0.08	-1.15	95,95,95,95	0
88	ZN	o7	501	1/1	0.18	-1.16	41,41,41,41	0
87	OHX	1	3886	7/7	0.16	-1.16	64,64,64,64	0
87	OHX	6	2066	7/7	0.12	-1.16	94,94,94,94	0
86	MG	5	3775	1/1	0.16	-1.17	67,67,67,67	0
87	OHX	O1	202	7/7	0.09	-1.18	109,109,109,109	0
86	MG	5	3824	1/1	0.11	-1.18	65,65,65,65	0
86	MG	1	3803	1/1	0.16	-1.18	52,52,52,52	0
87	OHX	6	2117	7/7	0.11	-1.19	111,111,111,111	0
87	OHX	5	3941	7/7	0.08	-1.19	65,65,65,65	0
87	OHX	1	4046	7/7	0.14	-1.20	98,98,98,98	0
87	OHX	3	219	7/7	0.06	-1.20	113,113,113,113	0
87	OHX	5	4185	7/7	0.17	-1.21	124,124,124,124	0
87	OHX	m0	301	7/7	0.10	-1.21	121,121,121,121	0
87	OHX	5	3913	7/7	0.15	-1.21	47,47,47,47	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	2	1991	1/1	0.10	-1.21	94,94,94,94	0
87	OHX	2	2124	7/7	0.11	-1.22	136,136,136,136	0
87	OHX	5	4016	7/7	0.11	-1.23	101,101,101,101	0
87	OHX	6	2201	7/7	0.07	-1.23	185,185,185,185	0
87	OHX	1	4027	7/7	0.09	-1.23	132,132,132,132	0
87	OHX	sR	401	7/7	0.10	-1.24	153,153,153,153	0
87	OHX	1	3952	7/7	0.12	-1.24	122,122,122,122	0
86	MG	O4	201	1/1	0.11	-1.24	59,59,59,59	0
87	OHX	6	2071	7/7	0.11	-1.25	126,126,126,126	0
87	OHX	5	3951	7/7	0.13	-1.25	73,73,73,73	0
87	OHX	5	4006	7/7	0.12	-1.25	92,92,92,92	0
86	MG	1	3467	1/1	0.12	-1.26	44,44,44,44	0
86	MG	1	3743	1/1	0.13	-1.27	52,52,52,52	0
87	OHX	1	4006	7/7	0.08	-1.27	120,120,120,120	0
87	OHX	5	4083	7/7	0.11	-1.28	157,157,157,157	0
87	OHX	1	3895	7/7	0.11	-1.28	67,67,67,67	0
87	OHX	o2	201	7/7	0.10	-1.28	93,93,93,93	0
86	MG	1	3446	1/1	0.10	-1.28	43,43,43,43	0
87	OHX	5	4098	7/7	0.16	-1.29	109,109,109,109	0
87	OHX	1	3902	7/7	0.15	-1.29	71,71,71,71	0
87	OHX	4	236	7/7	0.17	-1.29	134,134,134,134	0
87	OHX	1	4109	7/7	0.10	-1.29	140,140,140,140	0
87	OHX	5	3926	7/7	0.15	-1.29	62,62,62,62	0
87	OHX	1	4016	7/7	0.08	-1.31	130,130,130,130	0
86	MG	5	3603	1/1	0.09	-1.31	61,61,61,61	0
88	ZN	D9	101	1/1	0.08	-1.31	74,74,74,74	0
86	MG	5	3689	1/1	0.14	-1.31	44,44,44,44	0
86	MG	1	3708	1/1	0.14	-1.32	55,55,55,55	0
87	OHX	1	3888	7/7	0.14	-1.32	68,68,68,68	0
87	OHX	1	4007	7/7	0.13	-1.32	105,105,105,105	0
86	MG	5	3469	1/1	0.11	-1.33	109,109,109,109	0
87	OHX	2	2067	7/7	0.09	-1.35	134,134,134,134	0
87	OHX	5	3984	7/7	0.14	-1.35	90,90,90,90	0
87	OHX	1	4034	7/7	0.14	-1.35	101,101,101,101	0
87	OHX	4	225	7/7	0.12	-1.35	75,75,75,75	0
87	OHX	5	4179	7/7	0.17	-1.36	159,159,159,159	0
86	MG	5	3836	1/1	0.10	-1.36	73,73,73,73	0
87	OHX	5	4042	7/7	0.10	-1.37	120,120,120,120	0
87	OHX	1	3975	7/7	0.12	-1.38	95,95,95,95	0
86	MG	5	3715	1/1	0.14	-1.38	60,60,60,60	0
87	OHX	1	4011	7/7	0.11	-1.39	105,105,105,105	0
87	OHX	2	2032	7/7	0.12	-1.39	96,96,96,96	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
86	MG	1	3814	1/1	0.14	-1.40	38,38,38,38	0
86	MG	1	3426	1/1	0.14	-1.40	54,54,54,54	0
87	OHX	2	2125	7/7	0.12	-1.41	132,132,132,132	0
86	MG	2	2183	1/1	0.10	-1.41	84,84,84,84	0
86	MG	N8	203	1/1	0.14	-1.42	47,47,47,47	0
87	OHX	6	2086	7/7	0.10	-1.42	121,121,121,121	0
87	OHX	5	4155	7/7	0.17	-1.42	120,120,120,120	0
87	OHX	2	2068	7/7	0.10	-1.43	146,146,146,146	0
87	OHX	1	4044	7/7	0.07	-1.43	126,126,126,126	0
87	OHX	1	3904	7/7	0.14	-1.43	82,82,82,82	0
86	MG	1	3521	1/1	0.17	-1.43	33,33,33,33	0
87	OHX	1	4012	7/7	0.13	-1.44	116,116,116,116	0
87	OHX	2	2107	7/7	0.10	-1.44	112,112,112,112	0
86	MG	1	3436	1/1	0.14	-1.44	40,40,40,40	0
87	OHX	1	3884	7/7	0.11	-1.45	65,65,65,65	0
86	MG	sM	401	1/1	0.12	-1.45	42,42,42,42	0
87	OHX	5	4069	7/7	0.11	-1.45	120,120,120,120	0
87	OHX	1	3973	7/7	0.09	-1.46	105,105,105,105	0
86	MG	n8	204	1/1	0.15	-1.47	34,34,34,34	0
87	OHX	5	3938	7/7	0.17	-1.47	70,70,70,70	0
87	OHX	1	3988	7/7	0.15	-1.48	98,98,98,98	0
88	ZN	E1	501	1/1	0.06	-1.48	109,109,109,109	0
87	OHX	1	4125	7/7	0.17	-1.48	138,138,138,138	0
87	OHX	2	2026	7/7	0.13	-1.48	82,82,82,82	0
87	OHX	5	4029	7/7	0.11	-1.49	104,104,104,104	0
87	OHX	1	4051	7/7	0.11	-1.49	116,116,116,116	0
87	OHX	8	224	7/7	0.10	-1.49	135,135,135,135	0
87	OHX	5	4025	7/7	0.12	-1.49	106,106,106,106	0
87	OHX	1	3879	7/7	0.20	-1.50	63,63,63,63	0
86	MG	1	3709	1/1	0.11	-1.51	49,49,49,49	0
86	MG	2	2182	1/1	0.13	-1.51	65,65,65,65	0
87	OHX	5	4010	7/7	0.14	-1.52	100,100,100,100	0
87	OHX	5	4060	7/7	0.15	-1.53	101,101,101,101	0
87	OHX	5	3988	7/7	0.13	-1.53	90,90,90,90	0
86	MG	6	1991	1/1	0.13	-1.53	50,50,50,50	0
87	OHX	1	4062	7/7	0.06	-1.54	163,163,163,163	0
87	OHX	1	4059	7/7	0.10	-1.54	139,139,139,139	0
87	OHX	5	4222	7/7	0.11	-1.56	186,186,186,186	0
87	OHX	1	3875	7/7	0.15	-1.56	52,52,52,52	0
87	OHX	5	4111	7/7	0.10	-1.57	128,128,128,128	0
86	MG	5	3787	1/1	0.09	-1.57	56,56,56,56	0
87	OHX	5	3952	7/7	0.11	-1.60	85,85,85,85	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	5	4162	7/7	0.14	-1.60	111,111,111,111	0
86	MG	N6	201	1/1	0.10	-1.60	40,40,40,40	0
87	OHX	5	4123	7/7	0.13	-1.62	138,138,138,138	0
87	OHX	1	4038	7/7	0.05	-1.63	139,139,139,139	0
87	OHX	L3	403	7/7	0.10	-1.63	106,106,106,106	0
87	OHX	1	3951	7/7	0.08	-1.63	105,105,105,105	0
87	OHX	C3	201	7/7	0.11	-1.64	154,154,154,154	0
86	MG	5	3896	1/1	0.11	-1.64	73,73,73,73	0
86	MG	5	3602	1/1	0.13	-1.64	42,42,42,42	0
87	OHX	5	3992	7/7	0.08	-1.65	93,93,93,93	0
87	OHX	2	2035	7/7	0.12	-1.65	99,99,99,99	0
87	OHX	1	4140	7/7	0.22	-1.67	108,108,108,108	0
86	MG	5	3750	1/1	0.14	-1.67	58,58,58,58	0
87	OHX	5	4068	7/7	0.15	-1.67	120,120,120,120	0
86	MG	5	3792	1/1	0.13	-1.68	48,48,48,48	0
87	OHX	5	4013	7/7	0.15	-1.68	63,63,63,63	0
87	OHX	2	2074	7/7	0.15	-1.69	113,113,113,113	0
87	OHX	1	3907	7/7	0.12	-1.69	76,76,76,76	0
87	OHX	1	4089	7/7	0.06	-1.70	188,188,188,188	0
87	OHX	1	4108	7/7	0.15	-1.70	117,117,117,117	0
88	ZN	D6	500	1/1	0.09	-1.71	76,76,76,76	0
87	OHX	1	3916	7/7	0.14	-1.72	82,82,82,82	0
87	OHX	2	2048	7/7	0.06	-1.74	110,110,110,110	0
87	OHX	1	3890	7/7	0.13	-1.75	67,67,67,67	0
87	OHX	1	4077	7/7	0.07	-1.75	113,113,113,113	0
87	OHX	5	3973	7/7	0.11	-1.75	84,84,84,84	0
87	OHX	6	2055	7/7	0.10	-1.76	82,82,82,82	0
87	OHX	5	3936	7/7	0.13	-1.77	71,71,71,71	0
86	MG	1	3829	1/1	0.10	-1.77	57,57,57,57	0
87	OHX	5	3985	7/7	0.10	-1.77	95,95,95,95	0
87	OHX	2	2079	7/7	0.16	-1.77	116,116,116,116	0
87	OHX	6	2162	7/7	0.10	-1.78	182,182,182,182	0
86	MG	1	3831	1/1	0.13	-1.78	49,49,49,49	0
87	OHX	6	2103	7/7	0.12	-1.78	109,109,109,109	0
87	OHX	1	4124	7/7	0.17	-1.79	129,129,129,129	0
87	OHX	6	2127	7/7	0.09	-1.79	130,130,130,130	0
87	OHX	1	3903	7/7	0.12	-1.79	81,81,81,81	0
86	MG	5	3729	1/1	0.08	-1.79	54,54,54,54	0
87	OHX	1	4148	7/7	0.16	-1.80	111,111,111,111	0
87	OHX	5	3967	7/7	0.09	-1.81	86,86,86,86	0
87	OHX	7	222	7/7	0.09	-1.81	126,126,126,126	0
86	MG	1	3794	1/1	0.15	-1.82	55,55,55,55	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	5	4030	7/7	0.09	-1.82	111,111,111,111	0
87	OHX	1	3999	7/7	0.16	-1.82	94,94,94,94	0
87	OHX	1	4019	7/7	0.14	-1.82	109,109,109,109	0
87	OHX	8	225	7/7	0.18	-1.83	118,118,118,118	0
87	OHX	3	224	7/7	0.10	-1.84	154,154,154,154	0
88	ZN	d6	101	1/1	0.13	-1.85	55,55,55,55	0
87	OHX	2	2039	7/7	0.09	-1.86	93,93,93,93	0
87	OHX	5	4031	7/7	0.09	-1.88	107,107,107,107	0
86	MG	1	4220	1/1	0.14	-1.88	28,28,28,28	0
87	OHX	5	4064	7/7	0.10	-1.88	134,134,134,134	0
87	OHX	2	2053	7/7	0.07	-1.90	123,123,123,123	0
87	OHX	6	2098	7/7	0.08	-1.90	156,156,156,156	0
87	OHX	1	3885	7/7	0.12	-1.91	69,69,69,69	0
87	OHX	2	2046	7/7	0.07	-1.91	109,109,109,109	0
87	OHX	2	2130	7/7	0.12	-1.92	181,181,181,181	0
86	MG	2	1977	1/1	0.11	-1.92	86,86,86,86	0
87	OHX	5	4249	7/7	0.18	-1.93	223,223,223,223	0
87	OHX	5	3975	7/7	0.09	-1.93	93,93,93,93	0
87	OHX	5	4188	7/7	0.20	-1.94	149,149,149,149	0
88	ZN	Q2	501	1/1	0.06	-1.94	77,77,77,77	0
87	OHX	5	3949	7/7	0.12	-1.95	84,84,84,84	0
87	OHX	6	2153	7/7	0.13	-1.96	109,109,109,109	0
87	OHX	5	3924	7/7	0.15	-1.97	66,66,66,66	0
87	OHX	5	4108	7/7	0.11	-1.97	139,139,139,139	0
87	OHX	5	4051	7/7	0.16	-1.97	115,115,115,115	0
87	OHX	1	4008	7/7	0.11	-1.98	113,113,113,113	0
87	OHX	2	2089	7/7	0.10	-1.98	107,107,107,107	0
86	MG	6	2002	1/1	0.14	-1.98	71,71,71,71	0
87	OHX	6	2064	7/7	0.08	-2.00	92,92,92,92	0
88	ZN	e1	501	1/1	0.04	-2.00	150,150,150,150	0
86	MG	1	3641	1/1	0.13	-2.01	64,64,64,64	0
87	OHX	8	226	7/7	0.14	-2.01	130,130,130,130	0
87	OHX	5	3959	7/7	0.12	-2.02	89,89,89,89	0
87	OHX	1	3992	7/7	0.09	-2.02	95,95,95,95	0
87	OHX	q2	502	7/7	0.11	-2.03	82,82,82,82	0
86	MG	1	3434	1/1	0.13	-2.03	44,44,44,44	0
87	OHX	4	232	7/7	0.06	-2.04	140,140,140,140	0
87	OHX	1	4058	7/7	0.14	-2.04	100,100,100,100	0
87	OHX	2	2098	7/7	0.09	-2.04	145,145,145,145	0
87	OHX	5	4019	7/7	0.11	-2.05	92,92,92,92	0
87	OHX	2	2094	7/7	0.05	-2.06	142,142,142,142	0
87	OHX	2	2077	7/7	0.12	-2.07	114,114,114,114	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(Å ²)	Q<0.9
87	OHX	c5	201	7/7	0.16	-2.07	147,147,147,147	0
87	OHX	5	4090	7/7	0.08	-2.07	134,134,134,134	0
87	OHX	5	4206	7/7	0.14	-2.07	84,84,84,84	0
87	OHX	2	2066	7/7	0.07	-2.07	130,130,130,130	0
87	OHX	5	3929	7/7	0.15	-2.09	64,64,64,64	0
87	OHX	1	3893	7/7	0.13	-2.09	65,65,65,65	0
87	OHX	8	222	7/7	0.17	-2.10	133,133,133,133	0
87	OHX	1	3911	7/7	0.12	-2.10	80,80,80,80	0
87	OHX	6	2062	7/7	0.11	-2.11	97,97,97,97	0
87	OHX	6	2056	7/7	0.11	-2.12	94,94,94,94	0
86	MG	2	1942	1/1	0.13	-2.12	73,73,73,73	0
86	MG	M0	301	1/1	0.14	-2.12	43,43,43,43	0
87	OHX	1	3994	7/7	0.12	-2.13	101,101,101,101	0
86	MG	1	4223	1/1	0.08	-2.13	55,55,55,55	0
87	OHX	5	4063	7/7	0.09	-2.14	123,123,123,123	0
87	OHX	1	3915	7/7	0.10	-2.14	91,91,91,91	0
87	OHX	5	4091	7/7	0.10	-2.14	112,112,112,112	0
86	MG	1	3664	1/1	0.12	-2.15	51,51,51,51	0
87	OHX	5	4056	7/7	0.07	-2.15	126,126,126,126	0
87	OHX	2	2097	7/7	0.09	-2.16	156,156,156,156	0
87	OHX	1	4022	7/7	0.11	-2.17	122,122,122,122	0
87	OHX	2	2169	7/7	0.15	-2.17	117,117,117,117	0
87	OHX	Q2	503	7/7	0.12	-2.18	83,83,83,83	0
87	OHX	5	3915	7/7	0.14	-2.19	54,54,54,54	0
87	OHX	5	4054	7/7	0.11	-2.19	109,109,109,109	0
87	OHX	M5	303	7/7	0.13	-2.20	107,107,107,107	0
87	OHX	1	4063	7/7	0.10	-2.20	121,121,121,121	0
87	OHX	1	4018	7/7	0.12	-2.21	115,115,115,115	0
87	OHX	4	233	7/7	0.07	-2.21	130,130,130,130	0
87	OHX	1	4056	7/7	0.09	-2.22	135,135,135,135	0
86	MG	1	3604	1/1	0.13	-2.24	35,35,35,35	0
87	OHX	1	3906	7/7	0.10	-2.24	74,74,74,74	0
87	OHX	5	4046	7/7	0.11	-2.25	119,119,119,119	0
87	OHX	M0	303	7/7	0.10	-2.25	101,101,101,101	0
87	OHX	6	2147	7/7	0.15	-2.26	105,105,105,105	0
87	OHX	6	2083	7/7	0.12	-2.27	101,101,101,101	0
86	MG	1	3716	1/1	0.15	-2.27	40,40,40,40	0
87	OHX	5	4044	7/7	0.06	-2.27	123,123,123,123	0
86	MG	6	1987	1/1	0.17	-2.29	45,45,45,45	0
87	OHX	5	3955	7/7	0.14	-2.30	79,79,79,79	0
86	MG	1	3662	1/1	0.11	-2.31	32,32,32,32	0
87	OHX	1	3949	7/7	0.08	-2.31	101,101,101,101	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	5	4023	7/7	0.08	-2.31	113,113,113,113	0
87	OHX	1	3920	7/7	0.13	-2.31	86,86,86,86	0
87	OHX	6	2070	7/7	0.08	-2.32	119,119,119,119	0
86	MG	1	3760	1/1	0.10	-2.33	47,47,47,47	0
86	MG	1	3558	1/1	0.09	-2.34	51,51,51,51	0
87	OHX	6	2102	7/7	0.14	-2.34	114,114,114,114	0
87	OHX	7	220	7/7	0.09	-2.35	99,99,99,99	0
87	OHX	2	2115	7/7	0.13	-2.36	116,116,116,116	0
87	OHX	5	4138	7/7	0.07	-2.38	110,110,110,110	0
87	OHX	o3	202	7/7	0.06	-2.39	103,103,103,103	0
87	OHX	2	2080	7/7	0.08	-2.40	153,153,153,153	0
87	OHX	2	2168	7/7	0.10	-2.41	153,153,153,153	0
87	OHX	2	2057	7/7	0.09	-2.41	129,129,129,129	0
86	MG	Q2	502	1/1	0.12	-2.42	58,58,58,58	0
87	OHX	2	2029	7/7	0.10	-2.44	96,96,96,96	0
87	OHX	6	2099	7/7	0.08	-2.45	109,109,109,109	0
87	OHX	c8	202	7/7	0.06	-2.45	129,129,129,129	0
87	OHX	2	2088	7/7	0.11	-2.47	122,122,122,122	0
87	OHX	1	3905	7/7	0.12	-2.47	66,66,66,66	0
87	OHX	1	4121	7/7	0.14	-2.47	122,122,122,122	0
87	OHX	6	2097	7/7	0.09	-2.48	157,157,157,157	0
86	MG	5	3485	1/1	0.12	-2.48	46,46,46,46	0
87	OHX	5	3930	7/7	0.13	-2.48	58,58,58,58	0
87	OHX	5	4059	7/7	0.13	-2.49	98,98,98,98	0
86	MG	5	3761	1/1	0.11	-2.50	60,60,60,60	0
87	OHX	5	4032	7/7	0.15	-2.50	105,105,105,105	0
87	OHX	5	3962	7/7	0.09	-2.51	80,80,80,80	0
86	MG	5	3826	1/1	0.19	-2.51	55,55,55,55	0
87	OHX	1	3965	7/7	0.07	-2.51	118,118,118,118	0
87	OHX	6	2137	7/7	0.11	-2.53	127,127,127,127	0
87	OHX	6	2152	7/7	0.10	-2.53	131,131,131,131	0
87	OHX	1	4132	7/7	0.11	-2.54	116,116,116,116	0
87	OHX	2	2036	7/7	0.08	-2.56	91,91,91,91	0
87	OHX	C5	201	7/7	0.12	-2.56	159,159,159,159	0
86	MG	5	3845	1/1	0.12	-2.57	66,66,66,66	0
86	MG	1	4221	1/1	0.10	-2.57	66,66,66,66	0
87	OHX	6	2115	7/7	0.08	-2.58	105,105,105,105	0
87	OHX	6	2107	7/7	0.12	-2.59	106,106,106,106	0
87	OHX	1	4001	7/7	0.06	-2.59	138,138,138,138	0
87	OHX	1	3933	7/7	0.09	-2.60	103,103,103,103	0
87	OHX	6	2110	7/7	0.13	-2.61	101,101,101,101	0
87	OHX	5	3927	7/7	0.14	-2.61	64,64,64,64	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	1	3991	7/7	0.08	-2.61	115,115,115,115	0
86	MG	1	3681	1/1	0.10	-2.63	61,61,61,61	0
87	OHX	1	4040	7/7	0.09	-2.67	138,138,138,138	0
87	OHX	1	3942	7/7	0.14	-2.68	91,91,91,91	0
87	OHX	1	3950	7/7	0.11	-2.68	85,85,85,85	0
87	OHX	1	3912	7/7	0.12	-2.69	87,87,87,87	0
86	MG	5	3657	1/1	0.09	-2.71	42,42,42,42	0
87	OHX	2	2085	7/7	0.10	-2.71	135,135,135,135	0
87	OHX	n3	203	7/7	0.08	-2.72	84,84,84,84	0
87	OHX	1	3998	7/7	0.06	-2.73	125,125,125,125	0
87	OHX	6	2120	7/7	0.08	-2.74	134,134,134,134	0
87	OHX	6	2143	7/7	0.09	-2.74	124,124,124,124	0
87	OHX	6	2106	7/7	0.09	-2.75	113,113,113,113	0
87	OHX	1	3948	7/7	0.07	-2.75	89,89,89,89	0
87	OHX	1	4095	7/7	0.14	-2.77	113,113,113,113	0
87	OHX	1	3974	7/7	0.10	-2.79	106,106,106,106	0
87	OHX	6	2112	7/7	0.14	-2.79	115,115,115,115	0
87	OHX	2	2073	7/7	0.10	-2.79	135,135,135,135	0
86	MG	5	3838	1/1	0.08	-2.80	67,67,67,67	0
87	OHX	1	4106	7/7	0.13	-2.80	136,136,136,136	0
87	OHX	1	4128	7/7	0.09	-2.80	140,140,140,140	0
87	OHX	6	2081	7/7	0.06	-2.81	115,115,115,115	0
87	OHX	5	4072	7/7	0.05	-2.81	111,111,111,111	0
86	MG	5	3712	1/1	0.15	-2.81	45,45,45,45	0
87	OHX	2	2082	7/7	0.04	-2.82	138,138,138,138	0
87	OHX	2	2133	7/7	0.11	-2.82	146,146,146,146	0
87	OHX	l3	403	7/7	0.05	-2.82	96,96,96,96	0
87	OHX	1	4198	7/7	0.10	-2.83	166,166,166,166	0
87	OHX	1	3990	7/7	0.07	-2.84	109,109,109,109	0
87	OHX	1	4057	7/7	0.12	-2.86	128,128,128,128	0
86	MG	1	3810	1/1	0.15	-2.88	50,50,50,50	0
87	OHX	5	3946	7/7	0.09	-2.91	80,80,80,80	0
87	OHX	1	3926	7/7	0.13	-2.92	90,90,90,90	0
87	OHX	2	2159	7/7	0.10	-2.93	276,276,276,276	0
87	OHX	1	4069	7/7	0.06	-2.94	138,138,138,138	0
87	OHX	1	3964	7/7	0.09	-2.94	96,96,96,96	0
87	OHX	1	3918	7/7	0.10	-2.96	86,86,86,86	0
87	OHX	1	3960	7/7	0.08	-2.96	87,87,87,87	0
86	MG	2	1992	1/1	0.15	-2.96	56,56,56,56	0
87	OHX	1	3931	7/7	0.09	-2.96	82,82,82,82	0
87	OHX	5	4041	7/7	0.09	-2.97	117,117,117,117	0
87	OHX	1	3923	7/7	0.10	-2.97	83,83,83,83	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	2	2049	7/7	0.06	-2.97	111,111,111,111	0
86	MG	5	3802	1/1	0.13	-2.98	39,39,39,39	0
87	OHX	1	3927	7/7	0.14	-2.98	87,87,87,87	0
87	OHX	5	3981	7/7	0.11	-3.01	99,99,99,99	0
87	OHX	5	4026	7/7	0.11	-3.01	99,99,99,99	0
87	OHX	6	2148	7/7	0.11	-3.02	135,135,135,135	0
87	OHX	1	4043	7/7	0.13	-3.02	105,105,105,105	0
87	OHX	5	4043	7/7	0.11	-3.02	112,112,112,112	0
87	OHX	2	2087	7/7	0.10	-3.02	121,121,121,121	0
87	OHX	3	215	7/7	0.11	-3.03	95,95,95,95	0
87	OHX	6	2133	7/7	0.11	-3.03	128,128,128,128	0
87	OHX	1	3970	7/7	0.08	-3.05	92,92,92,92	0
87	OHX	6	2121	7/7	0.11	-3.05	103,103,103,103	0
87	OHX	2	2157	7/7	0.11	-3.06	221,221,221,221	0
87	OHX	4	227	7/7	0.08	-3.06	93,93,93,93	0
87	OHX	o7	502	7/7	0.07	-3.08	96,96,96,96	0
87	OHX	2	2069	7/7	0.09	-3.09	109,109,109,109	0
87	OHX	6	2140	7/7	0.14	-3.09	118,118,118,118	0
87	OHX	5	4086	7/7	0.09	-3.09	110,110,110,110	0
87	OHX	5	4119	7/7	0.11	-3.12	117,117,117,117	0
87	OHX	5	4061	7/7	0.06	-3.13	96,96,96,96	0
87	OHX	6	2057	7/7	0.10	-3.15	81,81,81,81	0
87	OHX	5	3957	7/7	0.09	-3.16	98,98,98,98	0
87	OHX	1	3917	7/7	0.08	-3.16	82,82,82,82	0
87	OHX	1	3940	7/7	0.10	-3.18	94,94,94,94	0
87	OHX	2	2064	7/7	0.11	-3.19	106,106,106,106	0
87	OHX	1	3966	7/7	0.12	-3.21	97,97,97,97	0
87	OHX	m5	305	7/7	0.09	-3.22	114,114,114,114	0
87	OHX	5	3987	7/7	0.06	-3.24	77,77,77,77	0
87	OHX	5	3920	7/7	0.14	-3.25	66,66,66,66	0
87	OHX	5	3932	7/7	0.13	-3.25	72,72,72,72	0
87	OHX	1	3955	7/7	0.13	-3.28	103,103,103,103	0
87	OHX	5	4110	7/7	0.09	-3.30	146,146,146,146	0
87	OHX	1	3944	7/7	0.11	-3.30	95,95,95,95	0
87	OHX	2	2059	7/7	0.07	-3.32	117,117,117,117	0
87	OHX	3	220	7/7	0.07	-3.33	119,119,119,119	0
87	OHX	5	4066	7/7	0.06	-3.34	133,133,133,133	0
87	OHX	8	215	7/7	0.10	-3.36	102,102,102,102	0
86	MG	1	3675	1/1	0.08	-3.40	69,69,69,69	0
87	OHX	1	4030	7/7	0.08	-3.42	118,118,118,118	0
87	OHX	2	2055	7/7	0.08	-3.43	107,107,107,107	0
87	OHX	1	3909	7/7	0.11	-3.43	84,84,84,84	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	5	3999	7/7	0.08	-3.45	121,121,121,121	0
87	OHX	5	3966	7/7	0.08	-3.46	88,88,88,88	0
87	OHX	1	4090	7/7	0.14	-3.48	123,123,123,123	0
87	OHX	5	4178	7/7	0.07	-3.49	182,182,182,182	0
87	OHX	6	2129	7/7	0.11	-3.52	141,141,141,141	0
87	OHX	1	3989	7/7	0.08	-3.52	114,114,114,114	0
87	OHX	1	4061	7/7	0.16	-3.53	112,112,112,112	0
87	OHX	6	2068	7/7	0.08	-3.53	106,106,106,106	0
86	MG	1	3812	1/1	0.14	-3.53	36,36,36,36	0
87	OHX	5	4093	7/7	0.09	-3.55	116,116,116,116	0
87	OHX	5	4092	7/7	0.13	-3.58	116,116,116,116	0
87	OHX	2	2102	7/7	0.08	-3.59	131,131,131,131	0
87	OHX	1	3993	7/7	0.13	-3.60	105,105,105,105	0
87	OHX	5	3968	7/7	0.12	-3.62	92,92,92,92	0
86	MG	5	3791	1/1	0.08	-3.65	42,42,42,42	0
87	OHX	1	4072	7/7	0.10	-3.66	119,119,119,119	0
87	OHX	1	3881	7/7	0.13	-3.67	59,59,59,59	0
87	OHX	1	3987	7/7	0.11	-3.74	92,92,92,92	0
87	OHX	6	2058	7/7	0.12	-3.75	78,78,78,78	0
87	OHX	1	3963	7/7	0.08	-3.76	105,105,105,105	0
87	OHX	1	3980	7/7	0.08	-3.76	85,85,85,85	0
87	OHX	2	2070	7/7	0.06	-3.76	122,122,122,122	0
87	OHX	2	2054	7/7	0.08	-3.76	126,126,126,126	0
87	OHX	2	2123	7/7	0.14	-3.77	132,132,132,132	0
87	OHX	1	3896	7/7	0.10	-3.78	63,63,63,63	0
87	OHX	1	4021	7/7	0.11	-3.78	113,113,113,113	0
87	OHX	3	216	7/7	0.10	-3.80	106,106,106,106	0
86	MG	5	3661	1/1	0.14	-3.80	48,48,48,48	0
87	OHX	5	4053	7/7	0.09	-3.80	117,117,117,117	0
87	OHX	5	3934	7/7	0.13	-3.82	100,100,100,100	0
87	OHX	3	218	7/7	0.10	-3.83	99,99,99,99	0
86	MG	1	3802	1/1	0.09	-3.84	88,88,88,88	0
87	OHX	1	3957	7/7	0.10	-3.84	93,93,93,93	0
87	OHX	5	3935	7/7	0.11	-3.86	60,60,60,60	0
87	OHX	5	3942	7/7	0.11	-3.87	73,73,73,73	0
87	OHX	5	3964	7/7	0.13	-3.92	70,70,70,70	0
87	OHX	5	4008	7/7	0.11	-3.92	105,105,105,105	0
87	OHX	7	217	7/7	0.09	-3.94	97,97,97,97	0
87	OHX	1	3962	7/7	0.08	-3.95	103,103,103,103	0
87	OHX	5	4073	7/7	0.08	-3.95	123,123,123,123	0
87	OHX	6	2150	7/7	0.12	-3.96	150,150,150,150	0
87	OHX	6	2076	7/7	0.06	-3.97	100,100,100,100	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	5	3940	7/7	0.13	-3.99	74,74,74,74	0
87	OHX	5	4055	7/7	0.09	-3.99	101,101,101,101	0
87	OHX	1	3961	7/7	0.09	-4.00	72,72,72,72	0
87	OHX	5	3965	7/7	0.10	-4.01	72,72,72,72	0
87	OHX	5	4114	7/7	0.12	-4.01	111,111,111,111	0
87	OHX	5	3991	7/7	0.08	-4.01	84,84,84,84	0
86	MG	1	3733	1/1	0.12	-4.02	65,65,65,65	0
87	OHX	1	4004	7/7	0.13	-4.02	108,108,108,108	0
87	OHX	5	4034	7/7	0.11	-4.07	86,86,86,86	0
86	MG	5	3613	1/1	0.11	-4.07	34,34,34,34	0
86	MG	1	3748	1/1	0.09	-4.08	37,37,37,37	0
86	MG	6	1988	1/1	0.11	-4.12	76,76,76,76	0
87	OHX	1	3936	7/7	0.09	-4.13	95,95,95,95	0
87	OHX	7	216	7/7	0.12	-4.13	84,84,84,84	0
86	MG	5	3706	1/1	0.09	-4.14	47,47,47,47	0
87	OHX	2	2063	7/7	0.08	-4.14	124,124,124,124	0
87	OHX	5	3916	7/7	0.14	-4.14	55,55,55,55	0
87	OHX	5	4003	7/7	0.06	-4.14	103,103,103,103	0
87	OHX	4	228	7/7	0.07	-4.16	108,108,108,108	0
87	OHX	6	2109	7/7	0.12	-4.17	117,117,117,117	0
87	OHX	5	3998	7/7	0.13	-4.18	90,90,90,90	0
87	OHX	2	2171	7/7	0.12	-4.18	133,133,133,133	0
87	OHX	6	2096	7/7	0.08	-4.18	150,150,150,150	0
87	OHX	2	2071	7/7	0.06	-4.20	119,119,119,119	0
87	OHX	5	4050	7/7	0.12	-4.21	93,93,93,93	0
87	OHX	5	4000	7/7	0.11	-4.22	107,107,107,107	0
87	OHX	6	2128	7/7	0.09	-4.23	113,113,113,113	0
87	OHX	5	4100	7/7	0.10	-4.24	112,112,112,112	0
87	OHX	2	2034	7/7	0.12	-4.25	98,98,98,98	0
86	MG	6	2000	1/1	0.11	-4.27	94,94,94,94	0
87	OHX	6	2079	7/7	0.05	-4.29	101,101,101,101	0
87	OHX	5	4137	7/7	0.08	-4.30	134,134,134,134	0
87	OHX	5	4045	7/7	0.17	-4.30	85,85,85,85	0
87	OHX	m6	202	7/7	0.09	-4.33	89,89,89,89	0
87	OHX	1	4037	7/7	0.15	-4.35	103,103,103,103	0
87	OHX	2	2045	7/7	0.08	-4.36	100,100,100,100	0
87	OHX	5	4139	7/7	0.10	-4.38	173,173,173,173	0
87	OHX	1	3967	7/7	0.10	-4.40	66,66,66,66	0
87	OHX	5	3996	7/7	0.07	-4.41	85,85,85,85	0
87	OHX	6	2059	7/7	0.10	-4.41	85,85,85,85	0
87	OHX	5	4011	7/7	0.15	-4.42	112,112,112,112	0
87	OHX	5	4143	7/7	0.11	-4.42	131,131,131,131	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	1	3899	7/7	0.11	-4.42	97,97,97,97	0
87	OHX	1	3978	7/7	0.07	-4.44	102,102,102,102	0
87	OHX	2	2044	7/7	0.07	-4.45	97,97,97,97	0
87	OHX	4	226	7/7	0.08	-4.45	91,91,91,91	0
87	OHX	5	3923	7/7	0.11	-4.45	64,64,64,64	0
87	OHX	2	2111	7/7	0.11	-4.45	112,112,112,112	0
87	OHX	6	2060	7/7	0.09	-4.45	85,85,85,85	0
87	OHX	6	2108	7/7	0.10	-4.48	120,120,120,120	0
87	OHX	2	2051	7/7	0.07	-4.48	97,97,97,97	0
87	OHX	1	4025	7/7	0.09	-4.49	108,108,108,108	0
86	MG	5	3458	1/1	0.12	-4.49	67,67,67,67	0
86	MG	6	2015	1/1	0.12	-4.50	42,42,42,42	0
87	OHX	1	3892	7/7	0.12	-4.50	71,71,71,71	0
87	OHX	1	4020	7/7	0.09	-4.50	145,145,145,145	0
87	OHX	8	219	7/7	0.08	-4.52	116,116,116,116	0
87	OHX	5	3921	7/7	0.11	-4.53	60,60,60,60	0
87	OHX	1	4017	7/7	0.10	-4.57	113,113,113,113	0
87	OHX	5	4007	7/7	0.12	-4.57	75,75,75,75	0
86	MG	5	3763	1/1	0.07	-4.58	42,42,42,42	0
87	OHX	4	237	7/7	0.19	-4.59	127,127,127,127	0
87	OHX	6	2088	7/7	0.13	-4.59	111,111,111,111	0
87	OHX	5	4001	7/7	0.12	-4.63	90,90,90,90	0
87	OHX	1	3913	7/7	0.12	-4.67	70,70,70,70	0
87	OHX	6	2089	7/7	0.08	-4.67	108,108,108,108	0
87	OHX	2	2086	7/7	0.10	-4.76	109,109,109,109	0
87	OHX	1	3972	7/7	0.06	-4.77	98,98,98,98	0
87	OHX	5	3925	7/7	0.11	-4.78	63,63,63,63	0
87	OHX	8	217	7/7	0.10	-4.83	115,115,115,115	0
87	OHX	5	4005	7/7	0.07	-4.85	108,108,108,108	0
87	OHX	2	2056	7/7	0.07	-4.85	125,125,125,125	0
87	OHX	1	3941	7/7	0.13	-4.91	89,89,89,89	0
87	OHX	1	3984	7/7	0.07	-4.92	81,81,81,81	0
87	OHX	6	2131	7/7	0.14	-4.92	151,151,151,151	0
86	MG	1	3804	1/1	0.11	-4.94	56,56,56,56	0
87	OHX	2	2072	7/7	0.04	-4.96	111,111,111,111	0
87	OHX	1	4003	7/7	0.07	-4.97	86,86,86,86	0
86	MG	2	1986	1/1	0.12	-4.98	102,102,102,102	0
86	MG	1	3744	1/1	0.06	-4.98	39,39,39,39	0
87	OHX	1	3997	7/7	0.07	-5.01	114,114,114,114	0
87	OHX	5	3958	7/7	0.09	-5.02	79,79,79,79	0
86	MG	5	3769	1/1	0.09	-5.04	59,59,59,59	0
87	OHX	5	3947	7/7	0.07	-5.06	87,87,87,87	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(Å ²)	Q<0.9
87	OHX	5	4141	7/7	0.15	-5.09	120,120,120,120	0
86	MG	5	3866	1/1	0.11	-5.09	57,57,57,57	0
87	OHX	5	3994	7/7	0.08	-5.10	81,81,81,81	0
87	OHX	6	2092	7/7	0.10	-5.12	125,125,125,125	0
87	OHX	5	4075	7/7	0.10	-5.15	138,138,138,138	0
87	OHX	4	229	7/7	0.06	-5.16	116,116,116,116	0
86	MG	5	3814	1/1	0.11	-5.21	72,72,72,72	0
87	OHX	2	2058	7/7	0.09	-5.25	109,109,109,109	0
87	OHX	5	3995	7/7	0.09	-5.26	99,99,99,99	0
87	OHX	3	217	7/7	0.09	-5.27	101,101,101,101	0
87	OHX	6	2085	7/7	0.07	-5.34	114,114,114,114	0
87	OHX	6	2084	7/7	0.05	-5.36	106,106,106,106	0
87	OHX	1	4032	7/7	0.09	-5.37	123,123,123,123	0
87	OHX	5	4036	7/7	0.11	-5.37	113,113,113,113	0
87	OHX	1	4156	7/7	0.11	-5.38	126,126,126,126	0
87	OHX	2	2143	7/7	0.13	-5.39	132,132,132,132	0
87	OHX	6	2111	7/7	0.10	-5.43	120,120,120,120	0
87	OHX	5	4049	7/7	0.12	-5.44	111,111,111,111	0
87	OHX	5	4017	7/7	0.10	-5.46	101,101,101,101	0
86	MG	5	3649	1/1	0.15	-5.47	44,44,44,44	0
87	OHX	1	3968	7/7	0.06	-5.48	97,97,97,97	0
87	OHX	6	2080	7/7	0.07	-5.48	112,112,112,112	0
87	OHX	4	231	7/7	0.09	-5.54	114,114,114,114	0
87	OHX	7	218	7/7	0.06	-5.55	92,92,92,92	0
87	OHX	5	3969	7/7	0.09	-5.57	73,73,73,73	0
87	OHX	5	3939	7/7	0.10	-5.59	77,77,77,77	0
87	OHX	6	2093	7/7	0.06	-5.68	121,121,121,121	0
87	OHX	5	4085	7/7	0.12	-5.74	119,119,119,119	0
87	OHX	2	2081	7/7	0.10	-5.76	126,126,126,126	0
87	OHX	5	4039	7/7	0.10	-5.78	104,104,104,104	0
87	OHX	1	3898	7/7	0.09	-5.80	72,72,72,72	0
87	OHX	1	3925	7/7	0.08	-5.81	86,86,86,86	0
87	OHX	5	4015	7/7	0.06	-5.85	100,100,100,100	0
87	OHX	6	2094	7/7	0.06	-5.85	137,137,137,137	0
87	OHX	1	3929	7/7	0.09	-5.87	72,72,72,72	0
87	OHX	5	4028	7/7	0.07	-5.89	104,104,104,104	0
87	OHX	2	2114	7/7	0.12	-5.90	153,153,153,153	0
87	OHX	1	3908	7/7	0.06	-5.93	75,75,75,75	0
87	OHX	6	2164	7/7	0.14	-6.02	133,133,133,133	0
87	OHX	5	4024	7/7	0.08	-6.04	99,99,99,99	0
87	OHX	5	3933	7/7	0.08	-6.05	73,73,73,73	0
87	OHX	8	216	7/7	0.09	-6.10	120,120,120,120	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	5	3972	7/7	0.08	-6.12	88,88,88,88	0
87	OHX	2	2065	7/7	0.09	-6.16	107,107,107,107	0
86	MG	4	210	1/1	0.06	-6.21	48,48,48,48	0
86	MG	5	3860	1/1	0.11	-6.25	62,62,62,62	0
87	OHX	2	2083	7/7	0.06	-6.25	129,129,129,129	0
87	OHX	5	3986	7/7	0.12	-6.28	74,74,74,74	0
86	MG	1	3630	1/1	0.10	-6.32	65,65,65,65	0
87	OHX	6	2116	7/7	0.08	-6.36	130,130,130,130	0
87	OHX	5	4009	7/7	0.09	-6.36	89,89,89,89	0
86	MG	5	3600	1/1	0.10	-6.51	40,40,40,40	0
87	OHX	6	2095	7/7	0.07	-6.52	118,118,118,118	0
87	OHX	2	2050	7/7	0.09	-6.53	112,112,112,112	0
87	OHX	1	3976	7/7	0.06	-6.53	102,102,102,102	0
87	OHX	2	2060	7/7	0.06	-6.58	100,100,100,100	0
87	OHX	5	4014	7/7	0.05	-6.60	88,88,88,88	0
87	OHX	1	3958	7/7	0.06	-6.63	92,92,92,92	0
87	OHX	5	4027	7/7	0.07	-6.65	107,107,107,107	0
87	OHX	5	4087	7/7	0.09	-6.67	103,103,103,103	0
87	OHX	1	3979	7/7	0.09	-6.75	101,101,101,101	0
87	OHX	5	3989	7/7	0.11	-6.76	87,87,87,87	0
87	OHX	5	4021	7/7	0.07	-6.77	101,101,101,101	0
87	OHX	5	4020	7/7	0.10	-6.87	99,99,99,99	0
87	OHX	1	4014	7/7	0.10	-6.89	119,119,119,119	0
87	OHX	1	4183	7/7	0.12	-6.92	229,229,229,229	0
87	OHX	2	2104	7/7	0.08	-6.93	197,197,197,197	0
87	OHX	2	2106	7/7	0.12	-6.96	125,125,125,125	0
87	OHX	1	3945	7/7	0.06	-7.02	90,90,90,90	0
87	OHX	1	3954	7/7	0.08	-7.07	95,95,95,95	0
87	OHX	5	3997	7/7	0.10	-7.08	96,96,96,96	0
87	OHX	2	2126	7/7	0.12	-7.13	121,121,121,121	0
87	OHX	1	3935	7/7	0.09	-7.23	83,83,83,83	0
87	OHX	5	3990	7/7	0.05	-7.25	83,83,83,83	0
87	OHX	6	2087	7/7	0.05	-7.28	104,104,104,104	0
86	MG	1	3607	1/1	0.07	-7.40	55,55,55,55	0
87	OHX	5	4089	7/7	0.13	-7.46	106,106,106,106	0
87	OHX	5	3983	7/7	0.08	-7.46	77,77,77,77	0
87	OHX	1	4160	7/7	0.10	-7.51	101,101,101,101	0
87	OHX	2	2118	7/7	0.10	-7.53	151,151,151,151	0
87	OHX	2	2038	7/7	0.08	-7.56	97,97,97,97	0
87	OHX	1	4097	7/7	0.08	-7.57	134,134,134,134	0
87	OHX	6	2073	7/7	0.06	-7.58	100,100,100,100	0
87	OHX	2	2052	7/7	0.05	-7.59	105,105,105,105	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	6	2067	7/7	0.09	-7.64	83,83,83,83	0
87	OHX	6	2075	7/7	0.07	-7.78	89,89,89,89	0
87	OHX	6	2069	7/7	0.07	-7.80	84,84,84,84	0
87	OHX	M6	202	7/7	0.07	-7.80	103,103,103,103	0
87	OHX	1	3938	7/7	0.07	-7.93	77,77,77,77	0
87	OHX	5	3976	7/7	0.08	-7.94	86,86,86,86	0
87	OHX	5	3977	7/7	0.07	-7.94	79,79,79,79	0
87	OHX	5	4062	7/7	0.12	-8.07	102,102,102,102	0
87	OHX	1	3982	7/7	0.10	-8.18	102,102,102,102	0
87	OHX	1	3977	7/7	0.08	-8.20	118,118,118,118	0
86	MG	1	3468	1/1	0.08	-8.21	46,46,46,46	0
87	OHX	5	4117	7/7	0.04	-8.30	81,81,81,81	0
86	MG	5	3842	1/1	0.11	-8.41	62,62,62,62	0
87	OHX	8	220	7/7	0.06	-8.42	135,135,135,135	0
87	OHX	1	3934	7/7	0.13	-8.62	76,76,76,76	0
87	OHX	1	4028	7/7	0.07	-8.76	106,106,106,106	0
87	OHX	6	2077	7/7	0.06	-8.82	97,97,97,97	0
87	OHX	1	3983	7/7	0.11	-8.99	107,107,107,107	0
87	OHX	1	4023	7/7	0.06	-9.00	108,108,108,108	0
87	OHX	1	4092	7/7	0.07	-9.28	78,78,78,78	0
87	OHX	6	2101	7/7	0.05	-9.51	117,117,117,117	0
87	OHX	2	2078	7/7	0.10	-9.52	121,121,121,121	0
87	OHX	1	4064	7/7	0.07	-9.63	140,140,140,140	0
87	OHX	5	4104	7/7	0.11	-9.66	116,116,116,116	0
87	OHX	5	4070	7/7	0.06	-9.82	142,142,142,142	0
87	OHX	1	3946	7/7	0.08	-9.95	87,87,87,87	0
87	OHX	6	2078	7/7	0.07	-10.13	93,93,93,93	0
87	OHX	5	4084	7/7	0.05	-10.14	93,93,93,93	0
87	OHX	1	4055	7/7	0.07	-10.18	128,128,128,128	0
87	OHX	6	2090	7/7	0.06	-10.31	100,100,100,100	0
87	OHX	1	3887	7/7	0.11	-10.32	60,60,60,60	0
87	OHX	1	3921	7/7	0.10	-10.35	93,93,93,93	0
87	OHX	5	4040	7/7	0.10	-10.40	102,102,102,102	0
86	MG	1	3730	1/1	0.11	-10.55	73,73,73,73	0
87	OHX	5	4012	7/7	0.08	-10.73	118,118,118,118	0
87	OHX	5	3950	7/7	0.08	-10.88	73,73,73,73	0
86	MG	1	3824	1/1	0.06	-11.34	58,58,58,58	0
87	OHX	6	2072	7/7	0.09	-11.96	86,86,86,86	0
86	MG	5	3859	1/1	0.13	-12.45	69,69,69,69	0
87	OHX	6	2065	7/7	0.09	-12.86	86,86,86,86	0
87	OHX	6	2091	7/7	0.07	-13.04	122,122,122,122	0
87	OHX	2	2061	7/7	0.06	-13.13	122,122,122,122	0

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Mol	Type	Chain	Res	Atoms	RSR	LLDF	B-factors(\AA^2)	Q<0.9
87	OHX	7	219	7/7	0.07	-15.00	91,91,91,91	0
87	OHX	5	4078	7/7	0.14	-18.04	108,108,108,108	0
86	MG	3	208	1/1	0.64	-	79,79,79,79	0
86	MG	6	1979	1/1	0.84	-	65,65,65,65	0
86	MG	1	3863	1/1	0.22	-	54,54,54,54	0
86	MG	1	3594	1/1	0.75	-	67,67,67,67	0
86	MG	1	3614	1/1	0.38	-	51,51,51,51	0
86	MG	1	3836	1/1	0.62	-	52,52,52,52	0
86	MG	1	3841	1/1	0.50	-	36,36,36,36	0
86	MG	2	1904	1/1	0.36	-	70,70,70,70	0
86	MG	5	3879	1/1	0.47	-	43,43,43,43	0
86	MG	1	3737	1/1	0.13	-	50,50,50,50	0
86	MG	5	3901	1/1	0.53	-	148,148,148,148	0
86	MG	5	3651	1/1	0.12	-	88,88,88,88	0
86	MG	2	1969	1/1	0.63	-	93,93,93,93	0
86	MG	1	3792	1/1	0.10	-	69,69,69,69	0
86	MG	5	3777	1/1	0.52	-	99,99,99,99	0
86	MG	2	2014	1/1	0.80	-	66,66,66,66	0
86	MG	2	1995	1/1	0.45	-	45,45,45,45	0
86	MG	1	3501	1/1	0.43	-	64,64,64,64	0
86	MG	4	219	1/1	0.28	-	49,49,49,49	0
86	MG	1	3795	1/1	0.17	-	70,70,70,70	0
86	MG	1	3757	1/1	0.34	-	100,100,100,100	0
86	MG	5	3805	1/1	0.22	-	41,41,41,41	0
86	MG	5	3617	1/1	0.47	-	39,39,39,39	0
86	MG	5	3420	1/1	0.26	-	94,94,94,94	0
86	MG	4	218	1/1	0.13	-	61,61,61,61	0
86	MG	7	204	1/1	0.54	-	63,63,63,63	0
86	MG	5	3854	1/1	0.36	-	56,56,56,56	0
86	MG	6	1998	1/1	0.20	-	98,98,98,98	0
86	MG	1	3465	1/1	0.29	-	45,45,45,45	0
86	MG	2	1998	1/1	0.11	-	102,102,102,102	0
86	MG	1	3852	1/1	0.47	-	52,52,52,52	0
86	MG	7	213	1/1	0.24	-	47,47,47,47	0
86	MG	5	3882	1/1	0.66	-	57,57,57,57	0
86	MG	8	212	1/1	0.39	-	35,35,35,35	0
86	MG	2	2020	1/1	0.76	-	59,59,59,59	0
86	MG	2	1990	1/1	0.86	-	110,110,110,110	0

6.5 Other polymers ⓘ

There are no such residues in this entry.