

ATOM	2249	CA	SER	A	324	0.503	-15.610	-14.810	0.00	0.00
ATOM	2260	CA	MET	A	325	2.413	-18.689	-13.462	0.00	0.00
ATOM	2277	CA	ARG	A	326	5.829	-17.121	-14.079	0.00	0.00
ATOM	2301	CA	GLU	A	327	5.221	-13.530	-12.805	0.00	0.00
ATOM	2316	CA	LEU	A	328	3.323	-14.784	-9.695	0.00	0.00
ATOM	2335	CA	GLY	A	329	6.314	-17.033	-9.235	0.00	0.00
ATOM	2342	CA	LEU	A	330	8.655	-13.994	-9.534	0.00	0.00
ATOM	2361	CA	LEU	A	331	6.473	-12.255	-6.673	0.00	0.00
ATOM	2380	CA	ILE	A	332	6.741	-15.428	-4.468	0.00	0.00
ATOM	2399	CA	PHE	A	333	10.453	-15.554	-5.487	0.00	0.00
ATOM	2419	CA	PHE	A	334	11.672	-11.996	-4.689	0.00	0.00
ATOM	2439	CA	LEU	A	335	9.681	-12.428	-1.573	0.00	0.00
ATOM	2458	CA	PHE	A	336	11.364	-15.765	-0.653	0.00	0.00
ATOM	2478	CA	ILE	A	337	15.012	-14.618	-1.292	0.00	0.00
ATOM	2497	CA	GLY	A	338	14.497	-11.219	0.412	0.00	0.00
ATOM	2504	CA	VAL	A	339	12.525	-12.881	3.254	0.00	0.00
ATOM	2520	CA	ILE	A	340	15.201	-15.453	3.993	0.00	0.00
ATOM	2539	CA	LEU	A	341	17.920	-12.639	4.006	0.00	0.00
ATOM	2558	CA	PHE	A	342	16.175	-10.224	6.399	0.00	0.00
ATOM	2578	CA	SER	A	343	14.910	-13.208	8.612	0.00	0.00
ATOM	2589	CA	SER	A	344	18.571	-14.403	8.872	0.00	0.00
ATOM	2600	CA	ALA	A	345	19.627	-10.898	9.669	0.00	0.00
ATOM	2610	CA	VAL	A	346	17.266	-10.241	12.677	0.00	0.00
ATOM	2626	CA	TYR	A	347	17.552	-13.875	13.999	0.00	0.00
ATOM	2647	CA	PHE	A	348	21.302	-14.208	14.179	0.00	0.00
ATOM	2667	CA	ALA	A	349	22.127	-10.621	15.074	0.00	0.00
ATOM	2677	CA	GLU	A	350	19.561	-10.577	17.862	0.00	0.00
ATOM	2692	CA	HIS	A	351	20.865	-12.233	20.983	0.00	0.00
ATOM	2708	CA	GLY	A	352	20.236	-12.304	24.791	0.00	0.00
ATOM	2715	CA	SER	A	353	20.471	-13.862	28.247	0.00	0.00
ATOM	2726	CA	ARG	A	354	17.620	-15.465	30.290	0.00	0.00
ATOM	2750	CA	ASP	A	355	14.586	-14.114	28.459	0.00	0.00
ATOM	2762	CA	SER	A	356	14.654	-14.968	24.773	0.00	0.00
ATOM	2773	CA	GLN	A	357	14.087	-12.350	22.018	0.00	0.00
ATOM	2790	CA	PHE	A	358	12.161	-14.887	19.880	0.00	0.00
ATOM	2812	CA	PRO	A	359	10.147	-17.717	21.229	0.00	0.00
ATOM	2824	CA	SER	A	360	10.800	-19.808	17.983	0.00	0.00
ATOM	2835	CA	ILE	A	361	11.615	-19.374	14.254	0.00	0.00
ATOM	2856	CA	PRO	A	362	8.144	-18.717	12.665	0.00	0.00
ATOM	2868	CA	ASP	A	363	8.066	-15.349	14.644	0.00	0.00
ATOM	2880	CA	ALA	A	364	11.268	-14.240	12.910	0.00	0.00
ATOM	2890	CA	PHE	A	365	9.823	-15.141	9.624	0.00	0.00
ATOM	2910	CA	TRP	A	366	6.558	-13.430	10.622	0.00	0.00
ATOM	2934	CA	TRP	A	367	8.248	-10.212	11.732	0.00	0.00
ATOM	2958	CA	ALA	A	368	10.421	-10.221	8.521	0.00	0.00
ATOM	2968	CA	VAL	A	369	7.428	-10.881	6.245	0.00	0.00
ATOM	2984	CA	VAL	A	370	5.277	-8.227	7.909	0.00	0.00
ATOM	3000	CA	SER	A	371	8.296	-5.811	7.478	0.00	0.00
ATOM	3011	CA	MET	A	372	8.941	-6.866	3.900	0.00	0.00
ATOM	3028	CA	THR	A	373	5.316	-6.321	2.913	0.00	0.00
ATOM	3042	CA	THR	A	374	3.588	-2.889	3.561	0.00	0.00
ATOM	3056	CA	VAL	A	375	1.556	-4.138	6.603	0.00	0.00
ATOM	3072	CA	GLY	A	376	3.483	-3.954	10.002	0.00	0.00
ATOM	3079	CA	TYR	A	377	1.996	-4.582	13.550	0.00	0.00
ATOM	3100	CA	GLY	A	378	4.839	-3.660	15.856	0.00	0.00
ATOM	3107	CA	ASP	A	379	6.247	-6.243	18.226	0.00	0.00
ATOM	3119	CA	MET	A	380	10.126	-6.497	18.381	0.00	0.00
ATOM	3136	CA	VAL	A	381	11.410	-2.930	19.102	0.00	0.00
ATOM	3154	CA	PRO	A	382	14.735	-1.940	17.142	0.00	0.00
ATOM	3166	CA	THR	A	383	15.816	-0.055	20.306	0.00	0.00
ATOM	3180	CA	THR	A	384	19.357	0.693	19.171	0.00	0.00
ATOM	3194	CA	ILE	A	385	20.947	1.667	15.701	0.00	0.00
ATOM	3213	CA	GLY	A	386	21.719	-1.742	14.234	0.00	0.00
ATOM	3220	CA	GLY	A	387	18.175	-3.063	14.886	0.00	0.00

ATOM	3227	CA	LYS	A	388	16.871	-0.015	13.068	0.00	0.00
ATOM	3249	CA	ILE	A	389	19.324	-0.559	9.942	0.00	0.00
ATOM	3268	CA	VAL	A	390	18.171	-4.209	9.186	0.00	0.00
ATOM	3284	CA	GLY	A	391	14.567	-2.985	9.631	0.00	0.00
ATOM	3291	CA	SER	A	392	15.256	-0.068	7.328	0.00	0.00
ATOM	3302	CA	LEU	A	393	16.741	-2.302	4.647	0.00	0.00
ATOM	3321	CA	CYS	A	394	13.854	-4.768	4.912	0.00	0.00
ATOM	3332	CA	ALA	A	395	11.393	-1.862	4.106	0.00	0.00
ATOM	3342	CA	ILE	A	396	13.588	0.043	1.446	0.00	0.00
ATOM	3361	CA	ALA	A	397	14.245	-3.411	-0.055	0.00	0.00
ATOM	3371	CA	GLY	A	398	10.482	-4.515	-0.229	0.00	0.00
ATOM	3378	CA	VAL	A	399	9.307	-1.419	-2.106	0.00	0.00
ATOM	3394	CA	LEU	A	400	12.219	-1.814	-4.536	0.00	0.00
ATOM	3413	CA	THR	A	401	11.889	-5.597	-5.075	0.00	0.00
ATOM	3427	CA	ILE	A	402	8.506	-7.331	-4.637	0.00	0.00
ATOM	3446	CA	ALA	A	403	6.444	-4.373	-6.009	0.00	0.00
ATOM	3456	CA	LEU	A	404	7.775	-4.669	-9.594	0.00	0.00
ATOM	3477	CA	PRO	A	405	5.901	-7.964	-10.684	0.00	0.00
ATOM	3489	CA	VAL	A	406	2.590	-6.691	-9.050	0.00	0.00
ATOM	3507	CA	PRO	A	407	1.668	-4.313	-11.980	0.00	0.00
ATOM	3519	CA	VAL	A	408	2.566	-7.213	-14.314	0.00	0.00
ATOM	3535	CA	ILE	A	409	0.064	-9.566	-12.814	0.00	0.00
ATOM	3554	CA	VAL	A	410	-2.607	-6.806	-12.695	0.00	0.00
ATOM	3570	CA	SER	A	411	-1.796	-6.253	-16.414	0.00	0.00
ATOM	3581	CA	ASN	A	412	-2.723	-9.924	-17.136	0.00	0.00
ATOM	3595	CA	PHE	A	413	-5.987	-9.463	-15.175	0.00	0.00
ATOM	3615	CA	ASN	A	414	-7.030	-6.274	-17.081	0.00	0.00
ATOM	3629	CA	TYR	A	415	-5.872	-8.029	-20.332	0.00	0.00
ATOM	3650	CA	PHE	A	416	-8.419	-10.702	-19.662	0.00	0.00
ATOM	3670	CA	TYR	A	417	-11.036	-8.219	-18.146	0.00	0.00
ATOM	3691	CA	HIS	A	418	-10.819	-5.922	-21.101	0.00	0.00
ATOM	3709	CA	ARG	A	419	-11.139	-8.947	-23.413	0.00	0.00
ATOM	3733	CA	GLU	A	420	-14.477	-9.788	-21.836	0.00	0.00
ATOM	3748	CA	THR	A	421	-17.350	-7.420	-21.602	0.00	0.00
ATOM	6009	CA	SER	B	324	-17.223	1.805	-11.897	0.00	0.00
ATOM	6020	CA	MET	B	325	-19.819	0.221	-9.543	0.00	0.00
ATOM	6037	CA	ARG	B	326	-19.331	-3.399	-10.927	0.00	0.00
ATOM	6061	CA	GLU	B	327	-15.513	-3.003	-10.683	0.00	0.00
ATOM	6076	CA	LEU	B	328	-15.945	-1.378	-7.171	0.00	0.00
ATOM	6095	CA	GLY	B	329	-18.446	-4.216	-6.238	0.00	0.00
ATOM	6102	CA	LEU	B	330	-16.120	-7.034	-7.537	0.00	0.00
ATOM	6121	CA	LEU	B	331	-13.266	-5.475	-5.486	0.00	0.00
ATOM	6140	CA	ILE	B	332	-15.527	-5.403	-2.358	0.00	0.00
ATOM	6159	CA	PHE	B	333	-16.664	-8.942	-3.110	0.00	0.00
ATOM	6179	CA	PHE	B	334	-13.340	-10.720	-3.213	0.00	0.00
ATOM	6199	CA	LEU	B	335	-12.028	-8.748	-0.122	0.00	0.00
ATOM	6218	CA	PHE	B	336	-15.196	-9.419	2.058	0.00	0.00
ATOM	6238	CA	ILE	B	337	-15.140	-13.156	0.945	0.00	0.00
ATOM	6257	CA	GLY	B	338	-11.345	-13.198	1.901	0.00	0.00
ATOM	6264	CA	VAL	B	339	-12.050	-11.408	5.136	0.00	0.00
ATOM	6280	CA	ILE	B	340	-14.922	-13.716	6.087	0.00	0.00
ATOM	6299	CA	LEU	B	341	-12.801	-16.869	5.299	0.00	0.00
ATOM	6318	CA	PHE	B	342	-9.440	-15.724	6.861	0.00	0.00
ATOM	6338	CA	SER	B	343	-11.569	-14.682	9.916	0.00	0.00
ATOM	6349	CA	SER	B	344	-12.966	-18.240	10.029	0.00	0.00
ATOM	6360	CA	ALA	B	345	-9.430	-19.717	9.703	0.00	0.00
ATOM	6370	CA	VAL	B	346	-7.623	-17.583	12.382	0.00	0.00
ATOM	6386	CA	TYR	B	347	-10.693	-18.621	14.719	0.00	0.00
ATOM	6407	CA	PHE	B	348	-10.320	-22.240	14.027	0.00	0.00
ATOM	6427	CA	ALA	B	349	-6.428	-22.081	14.355	0.00	0.00
ATOM	6437	CA	VAL	B	350	-6.139	-19.913	17.507	0.00	0.00
ATOM	6452	CA	HIS	B	351	-8.538	-21.931	19.520	0.00	0.00
ATOM	6468	CA	GLY	B	352	-7.889	-23.440	22.980	0.00	0.00
ATOM	6475	CA	SER	B	353	-4.761	-21.597	24.241	0.00	0.00

ATOM	6486	CA	ARG	B	354	-5.022	-19.973	27.715	0.00	0.00
ATOM	6510	CA	ASP	B	355	-8.256	-18.501	29.033	0.00	0.00
ATOM	6522	CA	SER	B	356	-11.298	-19.602	26.949	0.00	0.00
ATOM	6533	CA	GLN	B	357	-11.706	-22.152	24.157	0.00	0.00
ATOM	6550	CA	PHE	B	358	-13.521	-20.431	21.230	0.00	0.00
ATOM	6572	CA	PRO	B	359	-12.091	-16.784	20.800	0.00	0.00
ATOM	6584	CA	SER	B	360	-14.058	-13.526	19.934	0.00	0.00
ATOM	6595	CA	ILE	B	361	-15.753	-13.180	16.537	0.00	0.00
ATOM	6616	CA	PRO	B	362	-15.687	-9.241	16.204	0.00	0.00
ATOM	6628	CA	ASP	B	363	-11.891	-9.118	16.898	0.00	0.00
ATOM	6640	CA	ALA	B	364	-11.349	-11.775	14.155	0.00	0.00
ATOM	6650	CA	PHE	B	365	-13.429	-9.663	11.700	0.00	0.00
ATOM	6670	CA	TRP	B	366	-11.358	-6.564	12.686	0.00	0.00
ATOM	6694	CA	TRP	B	367	-8.046	-8.529	12.527	0.00	0.00
ATOM	6718	CA	ALA	B	368	-8.928	-9.786	8.974	0.00	0.00
ATOM	6728	CA	VAL	B	369	-10.462	-6.598	7.487	0.00	0.00
ATOM	6744	CA	VAL	B	370	-7.570	-4.329	8.611	0.00	0.00
ATOM	6760	CA	SER	B	371	-4.748	-6.820	7.579	0.00	0.00
ATOM	6771	CA	MET	B	372	-6.196	-7.393	4.068	0.00	0.00
ATOM	6788	CA	THR	B	373	-6.717	-3.703	3.434	0.00	0.00
ATOM	6802	CA	THR	B	374	-2.910	-3.697	4.016	0.00	0.00
ATOM	6816	CA	VAL	B	375	-3.278	-1.324	7.087	0.00	0.00
ATOM	6832	CA	GLY	B	376	-2.077	-3.348	10.192	0.00	0.00
ATOM	6839	CA	TYR	B	377	-2.694	-2.193	13.739	0.00	0.00
ATOM	6860	CA	GLY	B	378	-1.594	-4.488	16.520	0.00	0.00
ATOM	6867	CA	ASP	B	379	-4.693	-5.817	18.327	0.00	0.00
ATOM	6879	CA	MET	B	380	-5.507	-9.483	17.809	0.00	0.00
ATOM	6896	CA	VAL	B	381	-2.483	-11.735	17.969	0.00	0.00
ATOM	6914	CA	PRO	B	382	-1.851	-14.882	15.853	0.00	0.00
ATOM	6926	CA	THR	B	383	0.240	-16.692	18.492	0.00	0.00
ATOM	6940	CA	THR	B	384	0.439	-20.206	16.953	0.00	0.00
ATOM	6954	CA	ILE	B	385	2.168	-21.335	13.715	0.00	0.00
ATOM	6973	CA	GLY	B	386	-1.030	-21.628	11.575	0.00	0.00
ATOM	6980	CA	GLY	B	387	-2.035	-18.079	12.592	0.00	0.00
ATOM	6987	CA	LYS	B	388	1.128	-16.840	10.909	0.00	0.00
ATOM	7009	CA	ILE	B	389	0.280	-19.037	7.815	0.00	0.00
ATOM	7028	CA	VAL	B	390	-3.234	-17.624	7.501	0.00	0.00
ATOM	7044	CA	GLY	B	391	-1.889	-14.070	8.421	0.00	0.00
ATOM	7051	CA	SER	B	392	0.813	-14.083	5.770	0.00	0.00
ATOM	7062	CA	LEU	B	393	-1.690	-15.119	3.117	0.00	0.00
ATOM	7081	CA	CYS	B	394	-4.268	-12.517	4.174	0.00	0.00
ATOM	7092	CA	ALA	B	395	-1.722	-9.825	3.380	0.00	0.00
ATOM	7102	CA	ILE	B	396	-0.111	-10.977	0.155	0.00	0.00
ATOM	7121	CA	ALA	B	397	-3.543	-11.834	-1.217	0.00	0.00
ATOM	7131	CA	GLY	B	398	-4.789	-8.379	0.069	0.00	0.00
ATOM	7138	CA	VAL	B	399	-2.061	-6.289	-1.530	0.00	0.00
ATOM	7154	CA	LEU	B	400	-2.564	-7.939	-4.897	0.00	0.00
ATOM	7173	CA	THR	B	401	-6.457	-7.876	-4.675	0.00	0.00
ATOM	7187	CA	ILE	B	402	-6.453	-4.130	-4.032	0.00	0.00
ATOM	7206	CA	ALA	B	403	-4.514	-3.518	-7.372	0.00	0.00
ATOM	7216	CA	LEU	B	404	-6.852	-5.725	-9.538	0.00	0.00
ATOM	7237	CA	PRO	B	405	-9.834	-3.736	-11.071	0.00	0.00
ATOM	7249	CA	VAL	B	406	-8.169	-0.427	-10.460	0.00	0.00
ATOM	7267	CA	PRO	B	407	-6.746	0.098	-13.953	0.00	0.00
ATOM	7279	CA	VAL	B	408	-10.315	0.273	-15.209	0.00	0.00
ATOM	7295	CA	ILE	B	409	-11.304	2.843	-12.573	0.00	0.00
ATOM	7314	CA	VAL	B	410	-8.266	4.805	-13.614	0.00	0.00
ATOM	7330	CA	SER	B	411	-9.397	4.560	-17.292	0.00	0.00
ATOM	7341	CA	ASN	B	412	-12.817	5.873	-16.001	0.00	0.00
ATOM	7355	CA	PHE	B	413	-11.386	8.891	-14.139	0.00	0.00
ATOM	7375	CA	ASN	B	414	-9.594	9.902	-17.272	0.00	0.00
ATOM	7389	CA	TYR	B	415	-12.822	9.598	-19.314	0.00	0.00
ATOM	7410	CA	PHE	B	416	-15.078	11.605	-17.163	0.00	0.00
ATOM	7430	CA	TYR	B	417	-12.362	14.254	-16.570	0.00	0.00

ATOM	7451	CA	HIS	B	418	-11.577	14.469	-20.303	0.00	0.00
ATOM	7469	CA	ARG	B	419	-15.251	14.670	-21.528	0.00	0.00
ATOM	7493	CA	GLU	B	420	-16.453	17.440	-19.163	0.00	0.00
ATOM	7508	CA	THR	B	421	-14.388	20.812	-19.218	0.00	0.00
ATOM	9134	CA	ALA	C	287	24.441	35.210	20.230	0.00	0.00
ATOM	9144	CA	MET	C	288	23.990	33.301	22.724	0.00	0.00
ATOM	9161	CA	SER	C	289	21.565	30.304	22.643	0.00	0.00
ATOM	9172	CA	LEU	C	290	17.753	30.669	21.726	0.00	0.00
ATOM	9191	CA	ALA	C	291	17.861	32.626	18.451	0.00	0.00
ATOM	9201	CA	ILE	C	292	21.081	31.256	17.043	0.00	0.00
ATOM	9220	CA	LEU	C	293	20.001	27.531	17.562	0.00	0.00
ATOM	9237	N	HIS	C	294	18.060	28.317	16.311	0.00	0.00
ATOM	9238	HN	HIS	C	294	18.162	29.155	16.842	0.00	0.00
ATOM	9239	CA	HIS	C	294	16.991	28.397	15.297	0.00	0.00
ATOM	9240	HA	HIS	C	294	16.485	27.444	15.256	0.00	0.00
ATOM	9241	CB	HIS	C	294	15.846	29.438	15.721	0.00	0.00
ATOM	9242	HB1	HIS	C	294	16.266	30.402	16.081	0.00	0.00
ATOM	9243	HB2	HIS	C	294	15.151	29.574	14.866	0.00	0.00
ATOM	9244	ND1	HIS	C	294	14.406	27.628	16.742	0.00	0.00
ATOM	9245	CG	HIS	C	294	14.901	28.922	16.822	0.00	0.00
ATOM	9246	CE1	HIS	C	294	13.476	27.616	17.698	0.00	0.00
ATOM	9247	HE1	HIS	C	294	12.811	26.755	17.753	0.00	0.00
ATOM	9248	NE2	HIS	C	294	13.367	28.724	18.447	0.00	0.00
ATOM	9249	CD2	HIS	C	294	14.236	29.604	17.761	0.00	0.00
ATOM	9250	HD2	HIS	C	294	14.336	30.645	18.046	0.00	0.00
ATOM	9251	C	HIS	C	294	17.467	28.586	13.873	0.00	0.00
ATOM	9252	O	HIS	C	294	16.876	28.116	12.892	0.00	0.00
ATOM	9255	CA	VAL	C	295	19.109	29.795	12.493	0.00	0.00
ATOM	9271	CA	ILE	C	296	21.738	27.037	12.596	0.00	0.00
ATOM	9290	CA	ARG	C	297	19.181	24.216	12.145	0.00	0.00
ATOM	9314	CA	LEU	C	298	17.665	25.939	9.004	0.00	0.00
ATOM	9333	CA	VAL	C	299	20.862	26.543	7.111	0.00	0.00
ATOM	9349	CA	ARG	C	300	21.799	22.958	7.843	0.00	0.00
ATOM	9373	CA	VAL	C	301	18.648	21.575	6.154	0.00	0.00
ATOM	9389	CA	PHE	C	302	19.083	23.966	3.234	0.00	0.00
ATOM	9409	CA	ARG	C	303	22.646	22.419	2.332	0.00	0.00
ATOM	9433	CA	ILE	C	304	21.730	19.512	-0.118	0.00	0.00
ATOM	9452	CA	PHE	C	305	19.216	21.819	-1.958	0.00	0.00
ATOM	9472	CA	LYS	C	306	21.838	24.466	-2.463	0.00	0.00
ATOM	9494	CA	LEU	C	307	24.230	21.931	-4.140	0.00	0.00
ATOM	9513	CA	SER	C	308	21.102	20.842	-6.200	0.00	0.00
ATOM	9524	CA	ARG	C	309	20.586	24.455	-7.267	0.00	0.00
ATOM	9548	CA	HIS	C	310	21.461	24.116	-10.998	0.00	0.00
ATOM	9566	CA	SER	C	311	20.363	20.446	-11.311	0.00	0.00
ATOM	9577	CA	LYS	C	312	17.291	19.526	-13.399	0.00	0.00
ATOM	9599	CA	GLY	C	313	15.614	16.897	-11.063	0.00	0.00
ATOM	9606	CA	LEU	C	314	14.082	19.275	-8.445	0.00	0.00
ATOM	9625	CA	GLN	C	315	13.529	22.086	-11.042	0.00	0.00
ATOM	9642	CA	ILE	C	316	11.494	19.494	-13.122	0.00	0.00
ATOM	9661	CA	LEU	C	317	9.531	18.579	-9.830	0.00	0.00
ATOM	9680	CA	GLY	C	318	9.012	22.396	-9.244	0.00	0.00
ATOM	9687	CA	GLN	C	319	7.806	22.643	-12.836	0.00	0.00
ATOM	9704	CA	THR	C	320	5.545	19.517	-12.583	0.00	0.00
ATOM	9718	CA	LEU	C	321	3.933	20.771	-9.419	0.00	0.00
ATOM	9737	CA	LYS	C	322	3.174	23.989	-11.227	0.00	0.00
ATOM	9759	CA	ALA	C	323	1.880	22.335	-14.434	0.00	0.00
ATOM	9769	CA	SER	C	324	-0.310	19.746	-12.642	0.00	0.00
ATOM	9780	CA	MET	C	325	-1.965	22.694	-10.662	0.00	0.00
ATOM	9797	CA	ARG	C	326	-5.638	21.687	-10.912	0.00	0.00
ATOM	9821	CA	GLU	C	327	-4.651	17.931	-10.564	0.00	0.00
ATOM	9836	CA	LEU	C	328	-2.579	18.756	-7.366	0.00	0.00
ATOM	9855	CA	GLY	C	329	-5.655	20.736	-6.194	0.00	0.00
ATOM	9862	CA	LEU	C	330	-8.059	17.700	-6.753	0.00	0.00
ATOM	9881	CA	LEU	C	331	-5.557	15.638	-4.566	0.00	0.00

ATOM	9900	CA	ILE	C	332	-5.945	18.174	-1.654	0.00	0.00
ATOM	9919	CA	PHE	C	333	-9.718	18.378	-2.476	0.00	0.00
ATOM	9939	CA	PHE	C	334	-10.337	14.571	-2.189	0.00	0.00
ATOM	9959	CA	LEU	C	335	-7.945	14.358	0.862	0.00	0.00
ATOM	9978	CA	PHE	C	336	-9.616	17.282	2.835	0.00	0.00
ATOM	9998	CA	ILE	C	337	-13.283	16.208	2.208	0.00	0.00
ATOM	10017	CA	GLY	C	338	-11.869	12.585	2.790	0.00	0.00
ATOM	10024	CA	VAL	C	339	-11.521	13.462	6.583	0.00	0.00
ATOM	10040	CA	ILE	C	340	-14.933	15.256	6.850	0.00	0.00
ATOM	10059	CA	LEU	C	341	-17.087	12.530	5.359	0.00	0.00
ATOM	10078	CA	PHE	C	342	-15.787	9.345	7.147	0.00	0.00
ATOM	10098	CA	SER	C	343	-15.473	11.346	10.401	0.00	0.00
ATOM	10109	CA	SER	C	344	-19.152	12.260	10.212	0.00	0.00
ATOM	10120	CA	ALA	C	345	-20.036	8.516	9.442	0.00	0.00
ATOM	10130	CA	VAL	C	346	-18.026	7.563	12.675	0.00	0.00
ATOM	10146	CA	TYR	C	347	-20.025	10.181	14.556	0.00	0.00
ATOM	10167	CA	PHE	C	348	-23.264	8.867	13.060	0.00	0.00
ATOM	10187	CA	ALA	C	349	-22.260	5.178	13.651	0.00	0.00
ATOM	10197	CA	GLU	C	350	-21.508	5.702	17.322	0.00	0.00
ATOM	10212	CA	HIS	C	351	-24.683	6.310	19.330	0.00	0.00
ATOM	10228	CA	GLY	C	352	-22.936	6.310	22.664	0.00	0.00
ATOM	10235	CA	SER	C	353	-19.853	8.367	23.555	0.00	0.00
ATOM	10246	CA	ARG	C	354	-17.123	7.907	26.151	0.00	0.00
ATOM	10270	CA	ASP	C	355	-15.641	11.395	26.887	0.00	0.00
ATOM	10282	CA	SER	C	356	-15.204	13.018	23.473	0.00	0.00
ATOM	10293	CA	GLN	C	357	-13.896	11.820	20.091	0.00	0.00
ATOM	10310	CA	PHE	C	358	-11.787	14.398	18.026	0.00	0.00
ATOM	10332	CA	PRO	C	359	-10.813	17.617	20.026	0.00	0.00
ATOM	10344	CA	SER	C	360	-9.043	19.441	17.193	0.00	0.00
ATOM	10355	CA	ILE	C	361	-8.793	19.339	13.395	0.00	0.00
ATOM	10376	CA	PRO	C	362	-5.527	17.364	12.956	0.00	0.00
ATOM	10388	CA	ASP	C	363	-7.016	14.723	15.489	0.00	0.00
ATOM	10400	CA	ALA	C	364	-9.524	14.132	12.790	0.00	0.00
ATOM	10410	CA	PHE	C	365	-6.679	13.957	10.299	0.00	0.00
ATOM	10430	CA	TRP	C	366	-4.765	11.523	12.656	0.00	0.00
ATOM	10454	CA	TRP	C	367	-7.709	9.177	12.576	0.00	0.00
ATOM	10478	CA	ALA	C	368	-8.751	9.519	8.918	0.00	0.00
ATOM	10488	CA	VAL	C	369	-5.519	10.038	6.795	0.00	0.00
ATOM	10504	CA	VAL	C	370	-3.549	7.348	8.723	0.00	0.00
ATOM	10520	CA	SER	C	371	-6.565	4.892	7.981	0.00	0.00
ATOM	10531	CA	MET	C	372	-6.993	6.200	4.306	0.00	0.00
ATOM	10548	CA	THR	C	373	-3.300	5.988	3.471	0.00	0.00
ATOM	10562	CA	THR	C	374	-3.205	2.367	4.826	0.00	0.00
ATOM	10576	CA	VAL	C	375	-0.499	3.070	7.451	0.00	0.00
ATOM	10592	CA	GLY	C	376	-1.536	2.293	10.947	0.00	0.00
ATOM	10599	CA	TYR	C	377	0.294	2.970	14.143	0.00	0.00
ATOM	10620	CA	GLY	C	378	-2.171	1.728	16.748	0.00	0.00
ATOM	10627	CA	ASP	C	379	-3.045	4.703	18.929	0.00	0.00
ATOM	10639	CA	MET	C	380	-5.889	6.811	17.401	0.00	0.00
ATOM	10656	CA	VAL	C	381	-7.946	4.002	15.766	0.00	0.00
ATOM	10674	CA	PRO	C	382	-11.826	3.823	16.125	0.00	0.00
ATOM	10686	CA	THR	C	383	-13.981	2.923	19.198	0.00	0.00
ATOM	10700	CA	THR	C	384	-17.075	0.703	18.384	0.00	0.00
ATOM	10714	CA	ILE	C	385	-17.929	-2.204	16.053	0.00	0.00
ATOM	10733	CA	GLY	C	386	-19.769	0.669	14.272	0.00	0.00
ATOM	10740	CA	GLY	C	387	-16.616	2.859	14.109	0.00	0.00
ATOM	10747	CA	LYS	C	388	-14.626	-0.386	13.080	0.00	0.00
ATOM	10769	CA	ILE	C	389	-17.069	-0.998	10.217	0.00	0.00
ATOM	10788	CA	VAL	C	390	-16.531	2.755	8.970	0.00	0.00
ATOM	10804	CA	GLY	C	391	-12.776	2.205	9.451	0.00	0.00
ATOM	10811	CA	SER	C	392	-13.015	-0.742	7.065	0.00	0.00
ATOM	10822	CA	LEU	C	393	-14.786	1.296	4.367	0.00	0.00
ATOM	10841	CA	CYS	C	394	-12.344	4.255	5.110	0.00	0.00
ATOM	10852	CA	ALA	C	395	-9.343	2.098	4.234	0.00	0.00

ATOM	10862	CA	ILE	C	396	-10.599	0.362	1.031	0.00	0.00
ATOM	10881	CA	ALA	C	397	-12.252	3.505	-0.561	0.00	0.00
ATOM	10891	CA	GLY	C	398	-9.331	5.738	0.896	0.00	0.00
ATOM	10898	CA	VAL	C	399	-6.546	4.052	-1.029	0.00	0.00
ATOM	10914	CA	LEU	C	400	-8.427	4.108	-4.304	0.00	0.00
ATOM	10933	CA	THR	C	401	-9.754	7.722	-4.213	0.00	0.00
ATOM	10947	CA	ILE	C	402	-6.562	9.504	-3.216	0.00	0.00
ATOM	10966	CA	ALA	C	403	-4.665	7.564	-5.953	0.00	0.00
ATOM	10976	CA	LEU	C	404	-6.993	8.445	-8.904	0.00	0.00
ATOM	10997	CA	PRO	C	405	-5.663	12.002	-9.651	0.00	0.00
ATOM	11009	CA	VAL	C	406	-2.018	10.671	-9.149	0.00	0.00
ATOM	11027	CA	PRO	C	407	-1.635	9.019	-12.703	0.00	0.00
ATOM	11039	CA	VAL	C	408	-2.545	12.234	-14.527	0.00	0.00
ATOM	11055	CA	ILE	C	409	0.428	13.898	-12.593	0.00	0.00
ATOM	11074	CA	VAL	C	410	2.873	11.006	-13.245	0.00	0.00
ATOM	11090	CA	SER	C	411	2.043	11.328	-16.910	0.00	0.00
ATOM	11101	CA	ASN	C	412	2.918	15.136	-16.691	0.00	0.00
ATOM	11115	CA	PHE	C	413	6.354	14.329	-15.153	0.00	0.00
ATOM	11135	CA	ASN	C	414	6.930	11.864	-18.080	0.00	0.00
ATOM	11149	CA	TYR	C	415	6.596	14.785	-20.469	0.00	0.00
ATOM	11170	CA	PHE	C	416	9.376	16.680	-18.699	0.00	0.00
ATOM	11190	CA	TYR	C	417	11.661	13.668	-18.210	0.00	0.00
ATOM	11211	CA	HIS	C	418	11.419	12.876	-21.953	0.00	0.00
ATOM	11229	CA	ARG	C	419	11.415	16.393	-23.694	0.00	0.00
ATOM	11253	CA	GLU	C	420	14.320	18.884	-23.186	0.00	0.00
ATOM	11268	CA	THR	C	421	13.863	21.751	-25.777	0.00	0.00
ATOM	13529	CA	SER	D	324	17.677	1.782	-14.465	0.00	0.00
ATOM	13540	CA	MET	D	325	20.513	3.734	-12.751	0.00	0.00
ATOM	13557	CA	ARG	D	326	19.099	7.310	-13.293	0.00	0.00
ATOM	13581	CA	GLU	D	327	15.576	6.227	-12.054	0.00	0.00
ATOM	13596	CA	LEU	D	328	17.213	4.688	-8.983	0.00	0.00
ATOM	13615	CA	GLY	D	329	19.377	7.737	-8.064	0.00	0.00
ATOM	13622	CA	LEU	D	330	16.294	9.909	-8.783	0.00	0.00
ATOM	13641	CA	LEU	D	331	14.260	7.561	-6.524	0.00	0.00
ATOM	13660	CA	ILE	D	332	16.823	7.790	-3.514	0.00	0.00
ATOM	13679	CA	PHE	D	333	16.890	11.607	-3.922	0.00	0.00
ATOM	13699	CA	PHE	D	334	13.074	12.067	-3.412	0.00	0.00
ATOM	13719	CA	LEU	D	335	13.055	9.264	-0.687	0.00	0.00
ATOM	13738	CA	PHE	D	336	15.939	11.099	1.227	0.00	0.00
ATOM	13758	CA	ILE	D	337	14.722	14.681	0.759	0.00	0.00
ATOM	13777	CA	GLY	D	338	11.403	13.698	2.364	0.00	0.00
ATOM	13784	CA	VAL	D	339	12.963	11.738	5.200	0.00	0.00
ATOM	13800	CA	ILE	D	340	15.679	14.431	6.103	0.00	0.00
ATOM	13819	CA	LEU	D	341	12.929	17.080	5.943	0.00	0.00
ATOM	13838	CA	PHE	D	342	10.039	15.353	7.847	0.00	0.00
ATOM	13858	CA	SER	D	343	12.446	13.974	10.372	0.00	0.00
ATOM	13869	CA	SER	D	344	13.862	17.533	11.023	0.00	0.00
ATOM	13880	CA	ALA	D	345	10.362	18.867	11.289	0.00	0.00
ATOM	13890	CA	VAL	D	346	8.963	16.491	13.856	0.00	0.00
ATOM	13906	CA	TYR	D	347	12.231	16.200	15.878	0.00	0.00
ATOM	13927	CA	PHE	D	348	12.632	19.854	16.646	0.00	0.00
ATOM	13947	CA	ALA	D	349	9.188	21.270	16.865	0.00	0.00
ATOM	13957	CA	GLU	D	350	7.060	19.675	19.748	0.00	0.00
ATOM	13970	N	HIS	D	351	6.363	21.890	20.615	0.00	0.00
ATOM	13971	HN	HIS	D	351	5.606	21.842	19.969	0.00	0.00
ATOM	13972	CA	HIS	D	351	6.494	22.981	21.521	0.00	0.00
ATOM	13973	HA	HIS	D	351	7.482	23.080	21.946	0.00	0.00
ATOM	13974	CB	HIS	D	351	6.303	24.312	20.773	0.00	0.00
ATOM	13975	HB1	HIS	D	351	6.544	24.176	19.697	0.00	0.00
ATOM	13976	HB2	HIS	D	351	5.259	24.688	20.836	0.00	0.00
ATOM	13977	ND1	HIS	D	351	7.634	25.652	22.511	0.00	0.00
ATOM	13978	CG	HIS	D	351	7.237	25.467	21.189	0.00	0.00
ATOM	13979	CE1	HIS	D	351	8.521	26.590	22.399	0.00	0.00
ATOM	13980	HE1	HIS	D	351	9.002	27.156	23.197	0.00	0.00

ATOM	13981	NE2	HIS	D	351	8.772	26.963	21.208	0.00	0.00
ATOM	13982	CD2	HIS	D	351	7.928	26.254	20.427	0.00	0.00
ATOM	13983	HD2	HIS	D	351	8.009	26.380	19.354	0.00	0.00
ATOM	13984	C	HIS	D	351	5.388	22.902	22.593	0.00	0.00
ATOM	13985	O	HIS	D	351	4.588	22.049	22.726	0.00	0.00
ATOM	13988	CA	GLY	D	352	4.935	23.690	24.948	0.00	0.00
ATOM	13995	CA	SER	D	353	7.746	22.347	27.293	0.00	0.00
ATOM	14006	CA	ARG	D	354	11.537	22.375	27.064	0.00	0.00
ATOM	14030	CA	ASP	D	355	12.094	19.087	25.339	0.00	0.00
ATOM	14042	CA	SER	D	356	10.556	17.492	22.204	0.00	0.00
ATOM	14053	CA	GLN	D	357	9.179	13.933	21.669	0.00	0.00
ATOM	14070	CA	PHE	D	358	11.898	11.707	20.206	0.00	0.00
ATOM	14092	CA	PRO	D	359	15.167	10.880	22.221	0.00	0.00
ATOM	14104	CA	SER	D	360	17.370	11.511	19.142	0.00	0.00
ATOM	14115	CA	ILE	D	361	17.471	11.905	15.290	0.00	0.00
ATOM	14136	CA	PRO	D	362	17.873	7.958	14.560	0.00	0.00
ATOM	14148	CA	ASP	D	363	14.384	7.657	16.129	0.00	0.00
ATOM	14160	CA	ALA	D	364	12.998	10.504	13.998	0.00	0.00
ATOM	14170	CA	PHE	D	365	14.626	9.109	10.776	0.00	0.00
ATOM	14190	CA	TRP	D	366	13.255	5.575	11.600	0.00	0.00
ATOM	14214	CA	TRP	D	367	9.726	6.975	12.125	0.00	0.00
ATOM	14238	CA	ALA	D	368	9.822	8.998	8.921	0.00	0.00
ATOM	14248	CA	VAL	D	369	11.100	6.209	6.598	0.00	0.00
ATOM	14264	CA	VAL	D	370	8.693	3.621	8.183	0.00	0.00
ATOM	14280	CA	SER	D	371	5.775	5.980	7.665	0.00	0.00
ATOM	14291	CA	MET	D	372	6.924	7.280	4.273	0.00	0.00
ATOM	14308	CA	THR	D	373	7.098	3.683	2.935	0.00	0.00
ATOM	14322	CA	THR	D	374	3.508	3.462	4.616	0.00	0.00
ATOM	14336	CA	VAL	D	375	4.258	0.532	6.907	0.00	0.00
ATOM	14352	CA	GLY	D	376	3.729	1.887	10.493	0.00	0.00
ATOM	14359	CA	TYR	D	377	4.773	-0.333	13.423	0.00	0.00
ATOM	14380	CA	GLY	D	378	3.500	2.220	16.098	0.00	0.00
ATOM	14387	CA	ASP	D	379	5.240	2.968	19.380	0.00	0.00
ATOM	14399	CA	MET	D	380	6.378	6.714	19.787	0.00	0.00
ATOM	14416	CA	VAL	D	381	4.321	9.298	17.747	0.00	0.00
ATOM	14434	CA	PRO	D	382	3.815	13.145	18.021	0.00	0.00
ATOM	14446	CA	THR	D	383	1.532	14.991	20.385	0.00	0.00
ATOM	14460	CA	THR	D	384	1.408	18.308	18.673	0.00	0.00
ATOM	14474	CA	ILE	D	385	-0.991	19.896	16.138	0.00	0.00
ATOM	14493	CA	GLY	D	386	1.792	20.512	13.484	0.00	0.00
ATOM	14500	CA	GLY	D	387	3.320	16.942	13.830	0.00	0.00
ATOM	14507	CA	LYS	D	388	-0.145	15.548	13.055	0.00	0.00
ATOM	14529	CA	ILE	D	389	-0.307	17.459	9.768	0.00	0.00
ATOM	14548	CA	VAL	D	390	3.302	16.445	8.977	0.00	0.00
ATOM	14564	CA	GLY	D	391	2.498	12.729	9.603	0.00	0.00
ATOM	14571	CA	SER	D	392	-0.600	13.173	7.413	0.00	0.00
ATOM	14582	CA	LEU	D	393	1.905	14.815	4.899	0.00	0.00
ATOM	14601	CA	CYS	D	394	4.549	11.980	5.295	0.00	0.00
ATOM	14612	CA	ALA	D	395	1.998	9.351	4.230	0.00	0.00
ATOM	14622	CA	ILE	D	396	0.767	11.569	1.258	0.00	0.00
ATOM	14641	CA	ALA	D	397	4.284	12.844	0.238	0.00	0.00
ATOM	14651	CA	GLY	D	398	5.411	9.046	0.266	0.00	0.00
ATOM	14658	CA	VAL	D	399	2.817	7.847	-2.226	0.00	0.00
ATOM	14674	CA	LEU	D	400	3.005	11.038	-4.368	0.00	0.00
ATOM	14693	CA	THR	D	401	6.847	11.475	-4.806	0.00	0.00
ATOM	14707	CA	ILE	D	402	8.309	8.040	-4.805	0.00	0.00
ATOM	14726	CA	ALA	D	403	5.889	7.117	-7.737	0.00	0.00
ATOM	14736	CA	LEU	D	404	7.433	9.296	-10.472	0.00	0.00
ATOM	14757	CA	PRO	D	405	10.304	6.932	-11.878	0.00	0.00
ATOM	14769	CA	VAL	D	406	8.533	3.748	-10.793	0.00	0.00
ATOM	14787	CA	PRO	D	407	6.547	2.992	-13.960	0.00	0.00
ATOM	14799	CA	VAL	D	408	9.883	3.550	-15.906	0.00	0.00
ATOM	14815	CA	ILE	D	409	11.617	0.806	-13.690	0.00	0.00
ATOM	14834	CA	VAL	D	410	8.452	-1.357	-14.141	0.00	0.00

ATOM	14850	CA	SER	D	411	8.551	-0.675	-17.966	0.00	0.00
ATOM	14861	CA	ASN	D	412	12.195	-1.889	-18.004	0.00	0.00
ATOM	14875	CA	PHE	D	413	11.204	-4.909	-15.878	0.00	0.00
ATOM	14895	CA	ASN	D	414	8.420	-5.923	-18.341	0.00	0.00
ATOM	14909	CA	TYR	D	415	10.757	-5.306	-21.365	0.00	0.00
ATOM	14930	CA	PHE	D	416	13.652	-7.470	-19.954	0.00	0.00
ATOM	14950	CA	TYR	D	417	11.085	-10.013	-18.698	0.00	0.00
ATOM	14971	CA	HIS	D	418	9.892	-10.631	-22.283	0.00	0.00
ATOM	14989	CA	ARG	D	419	13.237	-10.068	-24.147	0.00	0.00
ATOM	15013	CA	GLU	D	420	15.418	-12.485	-22.288	0.00	0.00
ATOM	15028	CA	THR	D	421	16.251	-16.193	-22.506	0.00	0.00
ATOM	76785	ZN	ZN2	F	3	10.301	28.117	19.772	0.00	0.00