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MPEC 2023-L07 : DAILY ORBIT UPDATE (2023 June 1)

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M.P.E.C. 2023-L07

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DAILY ORBIT UPDATE (2023 June 1)

Update to 2023-K204

Full-precision elements for the objects listed here are available at <https://www.minorplanetcenter.net/iau/MPCORB.html>

New identifications:

K16EI9B	K10FD6P	Manca
K10C05W	K20P55P	VanWylen
K04D73S	K23F11E	VanWylen
K20Q69D	K10OE7Z	VanWylen
K14JD6S	K15PI0K	VanWylen

New old-numbered orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp C
00011	6.7	0.15	K232P	277.863	195.737	125.521	4.631	0.09942	2.45307	105 X
00042	7.6	0.15	K232P	205.085	237.237	84.177	8.511	0.22236	2.44276	80 X
00068	7.0	0.15	K232P	198.580	304.721	44.056	7.961	0.18479	2.78371	89 X
00084	9.3	0.15	K232P	127.531	15.048	327.515	9.316	0.23612	2.36206	60 X
00133	8.1	0.15	K232P	36.640	290.293	318.993	7.214	0.13439	3.06241	64 X
00142	10.3	0.15	K232P	50.160	291.698	291.209	2.239	0.13433	2.41823	56 X
00183	9.5	0.15	K232P	81.889	263.995	141.876	26.396	0.34843	2.79463	42 X
00185	7.7	0.15	K232P	129.810	223.765	153.762	23.254	0.12732	2.73890	75 X
00194	7.8	0.15	K232P	241.571	163.149	159.262	18.510	0.23746	2.61688	68 X
00318	9.5	0.15	K232P	214.251	295.422	161.491	10.658	0.08499	3.19193	59 X
00360	8.5	0.15	K232P	82.519	289.973	132.197	11.742	0.17372	3.00471	63 X
00454	9.3	0.15	K232P	293.463	177.293	32.169	6.293	0.11147	2.62713	60 X
00506	8.9	0.15	K232P	265.384	145.304	312.926	16.991	0.14620	3.04264	51 X
00521	8.5	0.15	K232P	109.726	316.110	89.597	10.582	0.27850	2.74409	63 X
00551	9.7	0.15	K232P	46.656	70.607	5.704	0.395	0.11869	2.96764	64 X
00564	10.3	0.15	K232P	266.564	214.920	70.742	17.982	0.27650	2.74777	39 X
00565	10.8	0.15	K232P	11.713	292.315	225.662	10.993	0.13133	2.44291	43 X
00568	9.5	0.15	K232P	288.402	173.805	249.763	18.396	0.16875	2.88122	53 X
00601	9.7	0.15	K232P	330.764	160.719	169.543	16.150	0.10430	3.13207	43 X
00605	10.0	0.15	K232P	187.551	15.368	342.649	19.635	0.13643	3.00287	42 X
00618	8.3	0.15	K232P	195.241	229.988	110.835	17.052	0.06919	3.19209	54 X
00643	9.8	0.15	K232P	188.143	229.158	252.162	13.773	0.05681	3.35829	46 X
00661	9.6	0.15	K232P	337.957	183.527	335.591	9.248	0.03814	3.01475	52 X
00669	10.1	0.15	K232P	8.440	116.543	170.723	10.794	0.07563	3.01096	45 X
00787	9.7	0.15	K232P	243.661	125.825	183.822	14.853	0.12948	2.53963	52 X
00791	9.2	0.15	K232P	211.244	201.790	129.806	16.376	0.19252	3.12514	48 X

00793	10.0	0.15	K232P	155.193	308.366	35.954	15.778	0.12382	2.79619	39 X
00796	9.1	0.15	K232P	134.298	329.560	33.143	19.049	0.31993	2.63567	43 X
00800	11.4	0.15	K232P	324.466	347.641	325.142	4.263	0.20126	2.19270	42 X
00808	9.8	0.15	K232P	170.881	274.500	180.986	4.723	0.12962	2.74414	54 X
00902	12.0	0.15	K232P	88.600	28.211	353.043	6.348	0.17947	2.44636	34 X
00926	10.5	0.15	K232P	289.148	173.491	48.959	16.323	0.18229	2.98187	35 X
00932	10.0	0.15	K232P	233.374	49.938	14.946	8.114	0.09139	2.41898	45 X
00982	9.9	0.15	K232P	218.896	350.883	299.160	13.650	0.23341	3.06844	41 X
01016	11.9	0.15	K232P	52.522	53.070	8.816	6.036	0.12737	2.21930	40 X
01025	12.5	0.15	K232P	90.094	349.283	163.359	26.870	0.03965	1.97901	33 X
01032	10.1	0.15	K232P	278.167	188.937	76.299	9.479	0.14128	3.13082	47 X
01075	10.3	0.15	K232P	172.964	250.887	100.719	11.530	0.10942	3.01510	41 X
01076	12.2	0.15	K232P	216.911	304.404	143.601	3.321	0.14680	2.47268	46 X
01104	12.3	0.15	K232P	48.160	277.224	128.644	6.440	0.34286	2.63088	30 X
01140	9.7	0.15	K232P	131.161	310.302	72.071	14.116	0.11025	2.77315	33 X
01220	11.6	0.15	K232P	224.123	332.213	113.321	11.366	0.07452	3.00160	32 X
01253	12.0	0.15	K232P	68.029	355.069	39.787	1.341	0.20464	3.16968	36 X
01281	11.6	0.15	K232P	354.653	72.810	210.067	7.445	0.20753	2.55634	43 X
01294	10.7	0.15	K232P	103.875	313.046	81.079	8.716	0.23183	2.68847	45 X
01312	10.6	0.15	K232P	106.207	261.734	129.231	21.936	0.21086	3.09826	35 X
01316	13.1	0.15	K232P	310.971	148.745	238.195	23.957	0.31610	2.41181	27 X
01373	11.5	0.15	K232P	316.570	99.001	297.468	38.939	0.31544	3.41911	32 X
01383	12.1	0.15	K232P	123.215	165.131	192.971	0.054	0.18757	3.08084	41 X
01407	10.9	0.15	K232P	300.330	111.345	268.332	5.822	0.28385	2.76131	42 X
01415	12.1	0.15	K232P	287.738	241.055	329.173	3.424	0.08748	2.22344	43 X
01459	10.2	0.15	K232P	114.579	328.679	41.386	16.896	0.22906	3.15065	36 X
01478	12.2	0.15	K232P	3.857	162.448	318.525	7.830	0.08894	2.46619	34 X
01531	11.7	0.15	K232P	249.495	143.252	278.850	12.415	0.15419	2.62597	33 X
01627	12.8	0.15	K232P	283.995	167.808	133.119	8.451	0.39646	1.86359	33 X
01685	14.3	0.15	K232P	186.568	127.228	274.224	9.383	0.43601	1.36756	39 X
01693	11.2	0.15	K232P	225.900	234.844	69.964	11.934	0.27287	2.79768	36 X
01694	12.6	0.15	K232P	296.429	356.453	13.337	11.088	0.25740	2.39517	29 X
01779	14.1	0.15	K232P	238.414	11.536	254.340	0.899	0.16148	2.17523	31 X
01801	11.1	0.15	K232P	67.153	13.697	77.523	10.967	0.07057	3.01941	32 X
01866	12.5	0.15	K232P	122.455	293.098	63.465	41.205	0.53830	1.89360	36 X
01873	10.2	0.15	K232P	108.293	357.963	197.915	21.883	0.09106	5.22696	33 X
01900	12.3	0.15	K232P	233.812	142.939	281.865	6.547	0.13482	2.20894	32 X
01956	12.1	0.15	K232P	355.213	347.337	153.120	1.497	0.10906	3.19876	37 X
01990	12.9	0.15	K232P	285.494	12.796	193.568	3.135	0.05186	2.17380	34 X
02058	11.6	0.15	K232P	13.485	181.141	95.311	2.535	0.14533	3.12301	41 X
02070	13.4	0.15	K232P	126.360	350.110	1.222	2.753	0.15480	2.24973	29 X
02209	11.2	0.15	K232P	67.559	262.784	150.776	2.619	0.06359	2.84611	41 X
02218	11.3	0.15	K232P	71.282	324.438	96.443	14.938	0.15708	3.04674	29 X
02255	11.8	0.15	K232P	110.179	347.809	40.890	14.141	0.14719	3.10430	27 X
02272	13.7	0.15	K232P	61.994	278.303	175.509	24.335	0.08983	1.86682	23 X
02279	13.2	0.15	K232P	71.382	61.754	139.906	2.985	0.15691	2.45843	33 X
02301	11.1	0.15	K232P	51.066	10.972	78.750	11.649	0.21755	3.16873	32 X
02326	10.9	0.15	K232P	261.403	259.454	155.811	15.150	0.15954	2.85855	33 X
02328	13.1	0.15	K232P	116.720	340.604	182.128	10.017	0.14631	2.34056	28 X
02363	8.9	0.15	K232P	67.108	56.343	211.660	32.092	0.03908	5.22855	34 X
02449	14.0	0.15	K232P	286.060	102.234	179.834	24.987	0.16820	1.90895	24 X
02461	11.8	0.15	K232P	321.678	232.114	116.031	2.510	0.16840	3.17851	35 X
02607	13.8	0.15	K232P	143.287	336.505	359.732	2.092	0.22709	2.37650	28 X
02629	15.1	0.15	K232P	239.341	280.656	343.441	23.442	0.22913	1.74025	22 X
02644	13.5	0.15	K232P	205.655	309.311	347.597	2.681	0.16549	2.17017	30 X
02710	13.4	0.15	K232P	314.893	34.902	144.435	3.116	0.13201	2.42361	28 X
02745	13.4	0.15	K232P	83.838	303.978	137.744	22.402	0.18879	2.28913	25 X
02863	12.5	0.15	K232P	139.253	219.775	120.783	1.969	0.19163	3.16696	31 X
02906	10.2	0.15	K232P	132.618	297.186	84.396	30.673	0.10385	3.16790	29 X
02927	12.1	0.15	K232P	145.464	189.296	150.465	17.026	0.16932	2.53154	26 X
02938	11.7	0.15	K232P	190.335	263.601	108.836	41.427	0.32873	3.15287	27 X
02988	11.8	0.15	K232P	290.404	133.169	100.881	14.729	0.12440	2.60814	30 X
03037	11.8	0.15	K232P	58.994	331.036	107.738	19.004	0.18608	2.67509	28 X
03045	11.7	0.15	K232P	116.355	330.768	35.957	3.333	0.10736	3.13362	32 X
03089	11.3	0.15	K232P	251.085	184.058	88.212	16.693	0.18569	2.93054	30 X
03259	10.2	0.15	K232P	130.861	314.865	242.458	15.479	0.12183	3.16659	33 X
03270	14.3	0.15	K232P	26.794	327.105	146.901	27.680	0.32884	2.14920	21 X
03285	12.2	0.15	K232P	278.553	169.589	246.065	20.628	0.21770	2.52468	28 X
03322	12.8	0.15	K232P	246.421	223.963	250.717	23.490	0.21723	2.39129	26 X
03325	11.5	0.15	K232P	33.897	84.903	46.174	22.199	0.01860	3.18508	26 X
03339	11.3	0.15	K232P	321.206	147.597	84.718	17.815	0.13270	3.18055	31 X
03370	13.6	0.15	K232P	35.209	300.933	144.578	7.113	0.10863	2.21559	28 X
03405	12.3	0.15	K232P	17.300	63.504	241.851	13.193	0.11409	2.60973	27 X
03452	13.7	0.15	K232P	138.412	289.856	58.748	2.316	0.08050	2.26905	28 X
03469	11.2	0.15	K232P	9.798	66.418	219.287	9.244	0.07654	3.01931	34 X
03480	13.4	0.15	K232P	304.637	25.347	187.366	3.762	0.28347	3.04216	27 X
03482	12.4	0.15	K232P	98.028	247.077	128.740	4.700	0.17042	2.78130	29 X
03492	11.8	0.15	K232P	291.583	96.858	138.781	13.629	0.14407	2.61642	29 X
03512	14.0	0.15	K232P	258.857	301.057	112.761	7.497	0.24772	2.24834	24 X
03553	16.4	0.15	K232P	9.218	288.936	232.491	36.777	0.32012	1.64457	19 X
03588	12.2	0.15	K232P	37.753	108.481	328.498	6.428	0.18735	3.22855	29 X
03652	13.4	0.15	K232P	184.002	62.247	245.336	2.271	0.19288	2.36597	28 X
03747	11.1	0.15	K232P	355.293	105.427	38.047	24.324	0.12430	3.18663	24 X
03776	10.9	0.15	K232P	322.229	159.270	39.585	27.386	0.06716	3.18510	27 X
03779	11.6	0.15	K232P	21.124	72.919	59.095	13.882	0.11209	2.63578	30 X
03790	12.9	0.15	K232P	54.690	98.366	319.605	0.474	0.15936	3.16957	29 X
03797	13.1	0.15	K232P	28.949	267.335	179.363	0.848	0.13888	3.21814	28 X
03811	12.0	0.15	K232P	258.791	68.654	338.770	10.185	0.13143	2.57572	30 X
03913	13.0	0.15	K232P	305.191	44.181	155.729	23.886	0.22564	2.35756	24 X
04073	12.3	0.15	K232P	156.906	190.060	144.217	2.071	0.17536	3.17451	30 X
04142	13.2	0.15	K232P	23.103	55.458	60.614	26.493	0.15103	1.91157	20 X
04203	12.6	0.15	K232P	312.851	261.036	341.182	28.596	0.13398	2.60597	24 X
04236	11.5	0.15	K232P	359.414	145.198	348.564	7.275	0.03956	3.44066	34 X

04313	12.9	0.15	K232P	83.902	157.708	44.157	9.274	0.01289	2.65235	27	X
04321	13.3	0.15	K232P	77.729	244.193	135.113	2.411	0.28371	3.06643	26	X
04365	12.8	0.15	K232P	195.884	53.952	244.493	1.042	0.05364	2.85012	32	X
04381	11.4	0.15	K232P	193.646	228.646	107.997	11.235	0.07552	3.02831	33	X
04428	13.5	0.15	K232P	209.163	212.611	84.780	4.802	0.23748	2.36718	25	X
04483	13.3	0.15	K232P	219.356	186.381	184.159	26.729	0.08352	1.92265	24	X
04555	14.2	0.15	K232P	194.938	141.886	158.270	7.394	0.19916	2.25733	24	X
04609	11.9	0.15	K232P	348.128	120.017	188.611	13.394	0.10530	3.10870	30	X
04619	13.1	0.15	K232P	18.229	200.437	266.652	1.815	0.02916	2.68873	29	X
04709	8.7	0.15	K232P	0.307	78.090	253.080	25.416	0.02341	5.26783	30	X
04713	13.2	0.15	K232P	253.792	152.390	101.399	22.668	0.07388	1.92638	22	X
04748	11.7	0.15	K232P	265.023	184.742	85.297	16.311	0.05705	2.74391	26	X
04788	13.9	0.15	K232P	245.839	110.575	277.152	4.319	0.12988	2.26236	25	X
04864	13.6	0.15	K232P	316.699	241.984	94.112	3.619	0.17665	2.46834	29	X
04982	13.2	0.15	K232P	272.674	129.701	230.729	4.638	0.17827	2.78117	27	X
05065	13.4	0.15	K232P	116.647	173.405	359.338	6.539	0.04620	2.51412	27	X
05095	13.5	0.15	K232P	142.559	188.029	146.818	14.594	0.21700	2.43115	25	X
05097	13.5	0.15	K232P	197.256	182.358	123.939	3.897	0.22762	2.59787	27	X
05211	13.4	0.15	K232P	228.558	185.424	133.881	26.784	0.24404	2.29509	24	X
05330	12.4	0.15	K232P	230.478	20.912	307.643	33.742	0.15635	2.76492	25	X
05358	11.6	0.15	K232P	54.500	84.706	335.388	11.100	0.18622	2.85853	30	X
05384	14.3	0.15	K232P	8.831	89.275	48.807	27.093	0.10355	1.93553	20	X
05390	13.6	0.15	K232P	118.317	322.342	85.599	23.810	0.07690	1.93927	21	X
05558	14.4	0.15	K232P	144.701	264.795	138.865	23.379	0.11246	1.93561	22	X
05568	13.5	0.15	K232P	168.548	241.514	81.103	3.704	0.15718	2.26471	25	X
05577	14.3	0.15	K232P	229.229	227.775	96.992	22.269	0.04428	1.84453	21	X
05607	12.8	0.15	K232P	120.562	205.459	154.907	8.144	0.12840	2.67753	28	X
05687	11.3	0.15	K232P	153.386	239.875	130.209	12.443	0.17097	3.01114	32	X
05731	15.4	0.15	K232P	352.928	218.447	280.590	11.197	0.65186	2.26626	26	X
05919	12.4	0.15	K232P	311.981	187.505	5.459	0.663	0.12541	3.19468	32	X
05941	13.1	0.15	K232P	73.084	193.324	216.737	1.299	0.05882	2.88790	28	X
06029	14.1	0.15	K232P	7.395	43.381	106.750	24.267	0.07593	1.92728	22	X
06065	13.3	0.15	K232P	325.477	48.186	271.648	23.819	0.20861	2.34258	24	X
06073	12.4	0.15	K232P	161.217	269.398	212.122	12.214	0.12988	2.61859	29	X
06087	14.9	0.15	K232P	345.416	53.946	152.524	22.616	0.07658	1.93004	21	X
06208	14.1	0.15	K232P	355.038	243.301	249.576	0.859	0.09482	2.25320	22	X
06251	13.8	0.15	K232P	322.180	42.861	126.484	4.292	0.07851	2.29524	26	X
06268	14.7	0.15	K232P	35.595	331.607	100.095	1.788	0.18480	2.30970	23	X
06302	13.3	0.15	K232P	343.060	41.262	128.180	13.876	0.10614	2.62411	25	X
06343	12.4	0.15	K232P	121.090	26.986	335.571	8.676	0.09146	3.16792	27	X
06378	13.0	0.15	K232P	70.050	303.616	96.784	2.856	0.16971	3.17642	25	X
06500	12.7	0.15	K232P	252.891	255.365	186.112	29.327	0.41790	2.75321	26	X
06510	13.0	0.15	K232P	271.966	88.716	159.822	23.012	0.22552	2.35780	24	X
06754	13.8	0.15	K232P	50.188	242.245	170.586	2.483	0.18420	2.44095	24	X
06836	13.3	0.15	K232P	308.551	71.357	254.930	0.947	0.05959	2.87680	26	X
07020	14.2	0.15	K232P	332.912	130.304	180.588	2.465	0.16874	2.42720	29	X
07031	14.1	0.15	K232P	8.918	109.186	3.946	5.482	0.09599	2.28244	24	X
07213	14.0	0.15	K232P	220.292	293.577	359.021	3.039	0.25070	2.55069	27	X
07222	12.9	0.15	K232P	77.862	281.951	112.570	2.880	0.20294	3.22108	26	X
07254	14.8	0.15	K232P	116.550	238.208	117.173	3.013	0.20622	2.15693	24	X
07448	13.6	0.15	K232P	89.994	292.191	273.335	24.611	0.16455	2.30184	26	X
07541	14.4	0.15	K232P	142.043	176.605	165.665	4.856	0.11385	2.68419	26	X
07565	13.1	0.15	K232P	313.479	188.712	359.428	3.324	0.14323	3.04655	26	X
07586	13.9	0.15	K232P	0.587	32.458	249.351	6.861	0.18731	2.78267	25	X
07588	11.5	0.15	K232P	112.430	261.238	320.096	20.709	0.14552	3.21441	30	X
07594	13.7	0.15	K232P	272.682	125.450	113.701	3.789	0.18517	2.41615	24	X
07663	13.5	0.15	K232P	325.149	92.251	171.987	22.259	0.22543	2.37503	24	X
07696	14.0	0.15	K232P	25.075	348.286	115.058	3.653	0.03064	2.72253	23	X
07723	14.0	0.15	K232P	77.555	267.512	110.975	6.062	0.30191	2.29486	25	X
07766	12.9	0.15	K232P	23.169	121.301	340.536	11.009	0.07570	3.05979	23	X
07778	13.3	0.15	K232P	328.736	97.444	224.451	19.551	0.32874	2.38314	24	X
08131	12.8	0.15	K232P	89.574	34.027	344.508	7.358	0.20312	2.56570	25	X
08154	15.0	0.15	K232P	284.280	170.368	47.504	1.565	0.14040	2.30644	24	X
08155	13.9	0.15	K232P	304.730	208.893	154.244	2.520	0.21671	2.66839	28	X
08361	13.3	0.15	K232P	313.905	29.759	238.412	1.225	0.01709	2.83025	25	X
08416	14.0	0.15	K232P	195.532	130.401	169.987	3.317	0.19558	2.15285	23	X
08420	13.1	0.15	K232P	294.003	268.574	303.112	11.878	0.13560	2.60184	23	X
08476	14.8	0.15	K232P	174.784	193.928	115.208	2.224	0.15378	2.16710	23	X
08662	13.5	0.15	K232P	68.089	268.081	139.798	1.312	0.15261	3.00031	26	X
08664	13.9	0.15	K232P	254.793	99.068	142.537	7.068	0.09803	2.36531	23	X
08876	14.1	0.15	K232P	59.838	65.262	334.383	1.757	0.20214	2.40348	23	X
08889	12.3	0.15	K232P	89.928	59.823	322.521	11.989	0.13533	3.03922	23	X
08928	14.1	0.15	K232P	71.554	353.144	53.661	4.597	0.09749	2.41207	23	X
09060	14.5	0.15	K232P	113.788	354.032	5.233	2.527	0.19411	2.20063	21	X
09138	14.8	0.15	K232P	334.118	338.938	176.879	3.129	0.05144	2.18192	24	X
09196	13.8	0.15	K232P	243.940	145.408	104.349	3.435	0.07034	2.21186	24	X
09236	15.3	0.15	K232P	295.509	41.231	166.037	6.630	0.09552	2.41656	22	X
09309	13.6	0.15	K232P	68.834	289.165	113.229	2.625	0.17419	3.18828	25	X
09382	14.7	0.15	K232P	78.406	208.927	182.182	3.754	0.14290	2.16249	24	X
09386	13.7	0.15	K232P	80.643	187.353	200.746	1.418	0.22713	3.19436	25	X
09516	13.6	0.15	K232P	70.690	228.095	172.032	2.450	0.19366	3.20862	24	X
09558	13.1	0.15	K232P	123.351	272.839	86.538	2.873	0.17040	3.20754	30	X
09623	14.3	0.15	K232P	169.477	9.910	310.952	3.425	0.16242	2.45136	26	X
09640	14.5	0.15	K232P	262.717	217.693	23.803	2.829	0.15639	2.42839	21	X
09669	13.3	0.15	K232P	80.200	128.693	267.104	0.441	0.17844	3.22741	24	X
09761	14.6	0.15	K232P	75.020	56.508	336.217	3.596	0.15942	2.25836	20	X
09797	13.4	0.15	K232P	227.349	104.742	175.254	1.214	0.16267	3.17668	26	X
09895	14.0	0.15	K232P	125.546	337.394	16.552	4.528	0.16821	2.26018	22	X
09965	14.5	0.15	K232P	28.313	82.720	156.440	12.207	0.16887	2.41843	24	X
09990	13.7	0.15	K232P	162.290	161.052	168.287	2.097	0.08629	2.82893	23	X
10087	14.1	0.15	K232P	160.099	197.852	131.006	4.048	0.19071	2.28762	23	X
10128	14.3	0.15	K232P	107.526	212.870	148.545	5.602	0.23021	2.26831	24	X
10156	14.8	0.15	K232P	103.577	136.214	228.421	2.862	0.16961	2.28324	23	X

10180	14.9	0.15	K232P	83.148	208.038	177.831	4.378	0.13167	2.27646	22	X
10190	13.8	0.15	K232P	100.513	286.749	102.401	3.189	0.03582	2.85159	21	X
10305	13.7	0.15	K232P	126.653	224.767	126.968	5.652	0.12878	2.55901	22	X
10308	15.2	0.15	K232P	80.816	227.973	162.600	3.474	0.18869	2.29943	19	X
10334	14.5	0.15	K232P	132.200	130.903	224.929	0.963	0.06976	2.87686	22	X
10381	14.0	0.15	K232P	153.397	2.013	322.691	8.015	0.31321	2.87671	24	X
10447	13.7	0.15	K232P	85.181	29.098	14.351	2.105	0.04627	2.87687	24	X
10631	13.0	0.15	K232P	345.932	56.677	258.945	2.664	0.04129	3.15292	25	X
10704	13.4	0.15	K232P	137.994	195.931	153.963	2.552	0.09486	2.89977	25	X
10773	13.8	0.15	K232P	231.996	203.948	216.631	21.127	0.07504	3.20061	24	X
10853	14.7	0.15	K232P	260.779	98.303	137.277	6.858	0.07008	2.31120	21	X
10884	13.6	0.15	K232P	94.014	269.992	115.318	4.067	0.11971	2.62107	23	X
10991	14.4	0.15	K232P	170.045	135.003	183.482	2.741	0.22744	2.35378	25	X
11159	15.0	0.15	K232P	114.967	287.261	68.955	5.456	0.22961	2.33410	23	X
11254	14.3	0.15	K232P	19.058	314.402	140.748	5.600	0.17906	2.45903	21	X
11491	14.9	0.15	K232P	80.794	112.611	275.249	1.634	0.17051	2.40426	22	X
11495	15.0	0.15	K232P	59.217	162.130	235.721	1.042	0.22965	2.41794	23	X
11647	13.4	0.15	K232P	37.783	46.530	44.266	2.584	0.05411	3.01898	23	X
11812	14.1	0.15	K232P	200.636	313.434	342.674	9.206	0.11539	3.05152	23	X
11882	14.6	0.15	K232P	92.947	149.277	233.338	1.140	0.09876	2.69754	21	X
11908	13.7	0.15	K232P	288.725	143.494	68.321	2.385	0.06896	3.04476	22	X
12040	15.4	0.15	K232P	23.838	92.899	354.061	2.706	0.20213	2.42151	17	X
12057	15.0	0.15	K232P	346.256	136.453	0.025	2.354	0.05185	2.15564	21	X
12097	13.9	0.15	K232P	140.141	207.618	134.843	6.138	0.14541	2.39712	22	X
12164	14.7	0.15	K232P	303.680	61.382	132.290	2.213	0.06833	2.17697	24	X
12242	10.9	0.15	K232P	11.456	93.915	222.638	29.774	0.06885	5.10858	30	X
12309	14.5	0.15	K232P	50.543	111.730	321.142	0.719	0.02918	2.71790	23	X
12398	16.0	0.15	K232P	247.856	171.531	78.179	1.053	0.12968	2.16214	21	X
12407	14.7	0.15	K232P	92.757	223.534	161.183	6.730	0.12568	2.40400	21	X
12444	9.9	0.15	K232P	27.143	66.045	213.232	30.842	0.07206	5.23628	26	X
12538	15.9	0.15	K232P	8.066	321.795	220.696	24.538	0.40627	1.54151	16	X
12648	14.2	0.15	K232P	238.135	298.493	319.763	6.204	0.08330	2.38074	20	X
12739	14.4	0.15	K232P	238.648	183.527	75.241	3.093	0.03246	2.71700	22	X
12780	14.2	0.15	K232P	3.170	135.505	345.656	5.740	0.11665	3.14823	22	X
12811	14.9	0.15	K232P	18.825	117.971	338.626	9.353	0.14892	2.26270	20	X
12903	14.1	0.15	K232P	220.698	127.771	154.239	2.614	0.19465	2.42754	21	X
12929	10.0	0.15	K232P	2.441	129.604	200.213	43.426	0.04108	5.24698	28	X
13003	13.8	0.15	K232P	349.518	33.129	177.511	26.566	0.20566	2.55844	23	X
13186	14.7	0.15	K232P	244.837	200.866	190.414	21.984	0.08281	1.94760	19	X
13242	14.8	0.15	K232P	187.087	181.881	131.425	3.328	0.21006	2.40274	21	X
13246	13.9	0.15	K232P	291.013	91.553	121.775	4.740	0.15539	2.67269	25	X
13271	14.0	0.15	K232P	117.866	21.352	337.352	8.308	0.15743	2.74938	21	X
13278	14.7	0.15	K232P	229.344	92.761	182.502	2.061	0.18476	2.42049	22	X
13282	14.0	0.15	K232P	6.675	334.362	139.577	8.536	0.11562	2.75489	23	X
13324	13.8	0.15	K232P	138.618	315.802	30.561	1.402	0.21779	3.16423	23	X
13343	14.2	0.15	K232P	60.339	270.779	155.225	5.770	0.05510	2.76951	24	X
13357	13.7	0.15	K232P	9.610	295.273	226.165	6.861	0.16543	2.75120	23	X
13388	12.5	0.15	K232P	269.407	178.707	245.832	14.178	0.06985	2.59118	24	X
13419	14.1	0.15	K232P	20.968	10.314	90.502	0.231	0.14599	3.16288	20	X
13494	15.1	0.15	K232P	89.935	21.809	352.902	3.135	0.18737	2.22423	20	X
13529	13.9	0.15	K232P	354.243	174.466	312.607	4.359	0.09548	2.24123	21	X
13554	14.2	0.15	K232P	206.792	270.276	26.229	2.806	0.16139	2.75982	22	X
13574	14.2	0.15	K232P	171.557	122.545	195.155	1.831	0.12794	2.45066	21	X
13588	14.4	0.15	K232P	25.640	5.575	98.233	5.524	0.02517	2.79752	23	X
13664	15.8	0.15	K232P	347.870	140.099	357.951	5.226	0.05264	2.22161	19	X
13690	13.2	0.15	K232P	293.643	326.001	299.400	15.567	0.16582	3.12730	22	X
13718	15.5	0.15	K232P	232.536	249.872	19.667	4.942	0.11772	2.20321	20	X
13759	14.0	0.15	K232P	87.409	3.818	14.861	1.968	0.19029	3.21831	24	X
13795	13.5	0.15	K232P	279.637	82.930	146.106	2.167	0.14230	3.17113	23	X
13825	14.4	0.15	K232P	354.162	42.593	241.759	6.180	0.18339	2.55033	23	X
13829	13.4	0.15	K232P	225.132	147.910	127.517	1.926	0.15768	3.12310	23	X
13853	14.9	0.15	K232P	124.287	4.288	345.453	2.109	0.17890	2.42107	23	X
13930	14.7	0.15	K232P	160.699	288.852	37.700	4.926	0.18054	2.22549	22	X
13935	13.7	0.15	K232P	52.388	323.301	163.054	29.449	0.27901	3.13511	23	X
14064	15.1	0.15	K232P	42.318	118.634	316.115	2.660	0.07242	2.47262	18	X
14195	12.0	0.15	K232P	344.837	192.362	318.215	7.741	0.12956	3.97271	24	X
14334	14.9	0.15	K232P	55.576	110.563	314.142	2.132	0.12022	2.81668	20	X
14343	14.0	0.15	K232P	187.823	144.809	156.154	6.793	0.13746	2.24402	19	X
14440	14.2	0.15	K232P	167.672	150.769	172.992	2.067	0.04751	2.82577	22	X
14510	13.9	0.15	K232P	113.814	12.318	343.303	5.685	0.19529	2.27063	22	X
14755	14.2	0.15	K232P	250.971	291.342	330.997	1.643	0.16013	2.77829	21	X
14835	13.2	0.15	K232P	306.906	133.412	233.328	23.000	0.27768	2.35328	22	X
15276	12.6	0.15	K232P	298.770	130.298	111.674	16.142	0.17559	2.77664	24	X
15277	13.9	0.15	K232P	166.012	228.025	100.131	3.222	0.07202	2.87323	22	X
15362	13.8	0.15	K232P	40.964	53.385	19.702	5.817	0.16101	2.26729	20	X
15374	14.6	0.15	K232P	268.655	190.374	131.952	32.401	0.16166	1.99317	20	X
15462	13.8	0.15	K232P	50.129	107.208	324.019	1.090	0.03700	2.84822	22	X
15623	14.5	0.15	K232P	79.528	9.156	18.533	3.376	0.17927	2.27276	21	X
15713	13.9	0.15	K232P	122.842	245.120	108.952	2.520	0.13331	3.04454	24	X
15763	13.6	0.15	K232P	234.599	353.593	76.694	9.737	0.07477	2.72783	22	X
15940	13.6	0.15	K232P	175.988	319.692	358.596	1.451	0.04923	2.92223	24	X
15957	13.9	0.15	K232P	142.714	28.879	310.755	1.109	0.10811	2.93029	22	X
16083	15.1	0.15	K232P	132.573	206.061	142.391	6.144	0.21402	2.16659	21	X
16121	15.2	0.15	K232P	295.314	18.596	188.605	0.842	0.11292	2.42048	22	X
16213	13.0	0.15	K232P	92.480	58.051	336.827	15.873	0.07846	3.23620	23	X
16313	14.5	0.15	K232P	184.214	75.743	234.696	1.161	0.06588	2.83946	22	X
16404	14.5	0.15	K232P	290.844	70.628	132.774	4.877	0.09638	2.29657	24	X
16418	14.2	0.15	K232P	340.241	339.896	164.069	8.103	0.05537	2.27565	23	X
16424	15.3	0.15	K232P	48.939	287.205	142.906	1.997	0.12845	2.30515	21	X
16564	13.6	0.15	K232P	145.890	182.817	158.077	10.342	0.08206	2.97890	24	X
16603	14.0	0.15	K232P	120.202	319.336	38.389	2.061	0.21083	2.97998	23	X
16676	14.6	0.15	K232P	115.538	29.185	327.159	3.877	0.21400	2.59556	21	X
16708	13.2	0.15	K232P	297.706	115.892	313.767	25.823	0.20653	3.12970	19	X

16709	14.0	0.15	K232P	92.741	92.384	296.316	0.673	0.10116	2.98898	23 X
16762	14.9	0.15	K232P	119.552	27.658	334.182	5.620	0.14916	2.35652	22 X
16785	11.6	0.15	K232P	315.743	89.725	300.790	18.403	0.09872	3.15746	25 X
16826	14.7	0.15	K232P	242.291	137.918	122.455	3.584	0.12375	2.28615	22 X
16873	14.0	0.15	K232P	41.920	84.147	347.123	5.294	0.09641	2.34249	23 X
17194	13.0	0.15	K232P	338.059	89.908	261.720	14.038	0.15449	2.58202	24 X
17246	14.0	0.15	K232P	239.769	222.626	34.290	2.442	0.02315	2.83925	22 X
17271	12.7	0.15	K232P	194.327	250.279	233.905	20.781	0.11669	2.67650	22 X
17276	13.0	0.15	K232P	296.432	161.368	235.625	11.981	0.30599	3.15675	25 X
17408	14.4	0.15	K232P	207.628	214.240	224.133	25.688	0.10722	1.88293	19 X
17441	14.7	0.15	K232P	73.612	324.942	68.121	3.232	0.22671	2.35835	22 X
17458	13.9	0.15	K232P	47.204	62.691	9.296	1.423	0.09690	3.00609	26 X
17512	13.6	0.15	K232P	230.676	299.532	337.835	8.149	0.23322	2.34100	22 X
17545	14.8	0.15	K232P	260.473	259.794	343.207	3.700	0.14383	2.29966	21 X
17663	14.3	0.15	K232P	32.180	304.786	125.026	5.076	0.25332	2.64672	21 X
17727	14.1	0.15	K232P	106.753	353.026	20.257	7.040	0.11314	2.35279	21 X
17835	14.7	0.15	K232P	53.403	343.878	70.624	3.250	0.19303	2.38120	21 X
17873	14.4	0.15	K232P	242.890	276.454	342.279	1.431	0.11481	2.27461	20 X
17882	14.8	0.15	K232P	259.231	233.891	4.563	5.278	0.07824	2.27841	21 X
17884	15.2	0.15	K232P	243.739	77.851	171.760	1.402	0.10118	2.29311	21 X
17888	13.7	0.15	K232P	225.359	130.530	147.706	14.152	0.16054	2.56276	20 X
17917	14.6	0.15	K232P	242.848	14.732	244.572	1.154	0.16279	2.57366	23 X
17993	15.5	0.15	K232P	352.082	322.515	173.786	3.161	0.08587	2.31186	20 X
18011	14.1	0.15	K232P	311.240	192.916	143.394	1.805	0.17632	3.22013	24 X
18025	14.2	0.15	K232P	194.474	327.585	65.601	3.980	0.17317	2.51670	22 X
18348	13.5	0.15	K232P	71.873	316.966	120.266	25.284	0.24042	2.35747	21 X
18396	14.9	0.15	K232P	38.609	297.978	126.486	2.973	0.18472	2.39040	19 X
18666	13.1	0.15	K232P	137.508	357.033	348.558	12.154	0.17768	2.63996	23 X
18675	13.7	0.15	K232P	71.935	292.102	116.641	2.660	0.09623	2.63860	23 X
18762	15.1	0.15	K232P	122.728	45.373	303.768	1.978	0.18799	2.12428	22 X
18881	12.8	0.15	K232P	85.538	292.020	311.185	14.231	0.09611	2.56510	22 X
18906	14.7	0.15	K232P	322.124	80.195	248.918	3.710	0.29603	2.43588	25 X
18979	14.1	0.15	K232P	289.895	18.701	180.869	3.794	0.02787	2.60179	21 X
18996	11.8	0.15	K232P	252.753	207.674	241.138	20.491	0.03356	3.20333	24 X
19018	11.4	0.15	K232P	337.634	122.427	231.151	27.675	0.10086	5.21759	24 X
19282	13.9	0.15	K232P	46.432	246.428	176.094	0.250	0.15959	3.09337	23 X
19535	14.1	0.15	K232P	168.114	12.829	306.818	2.358	0.18773	2.60979	21 X
19643	14.2	0.15	K232P	10.833	325.416	149.366	1.032	0.12905	3.09644	20 X
19675	14.8	0.15	K232P	351.700	6.551	129.941	2.987	0.14862	2.38239	20 X
19782	13.7	0.15	K232P	66.496	113.109	303.046	0.705	0.12225	3.00557	24 X
19798	14.0	0.15	K232P	30.673	46.788	37.431	1.754	0.15032	3.07046	23 X
19817	14.4	0.15	K232P	95.851	37.340	342.730	2.116	0.13974	2.62330	22 X
19844	11.0	0.15	K232P	12.006	104.323	207.543	40.426	0.05062	5.19387	27 X
20006	14.0	0.15	K232P	344.839	8.271	143.523	2.482	0.20743	3.07886	24 X
20037	15.3	0.15	K232P	318.983	95.538	228.625	22.545	0.12042	1.88382	18 X
20099	14.2	0.15	K232P	58.955	305.277	110.431	2.385	0.17776	3.11945	23 X
20193	13.7	0.15	K232P	128.355	30.991	316.905	10.559	0.20137	2.65284	21 X
20234	15.0	0.15	K232P	324.597	211.615	311.330	0.507	0.06517	2.17220	19 X
20237	14.8	0.15	K232P	154.419	0.985	335.113	3.661	0.06713	2.14960	20 X
20410	13.1	0.15	K232P	271.163	291.480	301.826	3.716	0.11131	3.10885	22 X
20417	14.1	0.15	K232P	297.162	229.063	346.072	7.171	0.19079	2.70719	21 X
20452	14.2	0.15	K232P	202.017	152.311	146.030	7.907	0.23383	2.35101	20 X
20614	14.1	0.15	K232P	342.600	48.877	258.360	23.516	0.20721	2.27768	21 X
20691	13.4	0.15	K232P	169.300	254.120	110.987	22.203	0.31090	2.36454	20 X
20721	13.0	0.15	K232P	143.145	261.406	171.982	10.923	0.08042	3.00602	22 X
20724	14.1	0.15	K232P	55.352	79.187	347.877	4.980	0.06870	3.13329	20 X
20747	13.0	0.15	K232P	310.315	96.295	123.675	13.769	0.11754	2.67262	21 X
20795	15.0	0.15	K232P	60.555	20.095	25.637	2.638	0.20716	2.37678	21 X
20850	14.9	0.15	K232P	46.225	142.433	273.729	2.812	0.19381	2.38789	19 X
20990	15.0	0.15	K232P	109.175	67.547	294.790	3.065	0.14258	2.16980	20 X
21014	14.0	0.15	K232P	70.547	222.321	173.579	1.586	0.20866	3.14395	22 X
21043	13.6	0.15	K232P	103.731	15.156	356.429	12.018	0.17070	2.69963	21 X
21146	14.4	0.15	K232P	123.826	72.554	276.778	1.744	0.20830	2.69143	22 X
21149	15.1	0.15	K232P	316.693	128.682	170.630	23.941	0.03540	1.93245	19 X
21156	15.4	0.15	K232P	56.809	284.726	142.562	6.358	0.07231	2.31564	18 X
21164	13.1	0.15	K232P	63.946	265.603	143.626	7.358	0.12527	3.17138	23 X
21266	15.2	0.15	K232P	222.414	152.057	116.347	1.518	0.06409	2.29289	21 X
21480	15.4	0.15	K232P	222.662	145.399	134.202	6.281	0.11240	2.38474	21 X
21553	15.3	0.15	K232P	208.886	245.477	40.870	2.082	0.16551	2.22528	21 X
21569	14.0	0.15	K232P	315.397	4.654	178.984	0.684	0.12566	3.15064	21 X
21575	13.6	0.15	K232P	282.079	125.606	95.750	6.086	0.10255	2.73752	22 X
21604	14.2	0.15	K232P	24.837	301.187	161.576	2.343	0.02539	2.85629	20 X
21613	15.0	0.15	K232P	65.521	298.834	101.164	6.990	0.20776	2.32908	20 X
21728	14.2	0.15	K232P	17.796	316.076	150.828	15.267	0.05667	2.66342	22 X
21976	13.5	0.15	K232P	358.600	273.935	258.767	7.826	0.17129	2.38348	20 X
22073	13.6	0.15	K232P	231.295	127.891	141.635	12.288	0.12959	3.18332	23 X
22275	13.2	0.15	K232P	37.939	351.574	101.687	27.134	0.19965	2.40036	20 X
22291	13.0	0.15	K232P	54.852	284.589	139.393	17.837	0.11426	3.18917	24 X
22461	15.2	0.15	K232P	293.942	96.102	107.506	2.777	0.10024	2.40604	19 X
22511	15.1	0.15	K232P	359.925	268.468	215.036	1.848	0.07379	2.58528	20 X
22646	14.8	0.15	K232P	225.447	126.726	147.370	11.548	0.15721	2.41746	20 X
22662	13.6	0.15	K232P	65.839	69.627	339.912	4.384	0.14855	3.16822	22 X
22718	13.3	0.15	K232P	10.730	170.470	307.788	0.807	0.08861	3.15632	22 X
22751	14.0	0.15	K232P	263.406	134.070	110.675	4.662	0.14129	2.22658	20 X
22796	13.0	0.15	K232P	221.311	311.949	322.239	9.637	0.06685	2.98568	20 X
22891	15.4	0.15	K232P	162.153	165.396	155.592	4.427	0.20057	2.16725	21 X
22928	15.2	0.15	K232P	302.132	352.924	203.403	1.624	0.14058	2.39014	21 X
22937	15.4	0.15	K232P	143.096	249.718	94.108	3.960	0.07360	2.40249	20 X
22940	15.5	0.15	K232P	231.602	198.869	74.789	3.644	0.15423	2.38389	20 X
22988	15.4	0.15	K232P	279.654	16.703	211.468	1.621	0.15122	2.40022	21 X
23020	14.7	0.15	K232P	179.569	157.820	150.535	1.458	0.21930	2.40385	20 X
23065	13.9	0.15	K232P	231.987	114.291	160.925	1.996	0.14698	3.10236	22 X
23192	13.8	0.15	K232P	353.983	177.051	321.109	8.750	0.02288	2.98973	20 X

23216	14.9	0.15	K232P	110.788	352.051	15.887	2.700	0.10468	2.64487	20	X
23326	13.8	0.15	K232P	265.682	89.013	152.361	6.627	0.16810	3.12457	24	X
23366	15.7	0.15	K232P	8.913	164.842	306.185	2.026	0.16882	2.40293	18	X
23391	16.2	0.15	K232P	163.437	353.105	329.538	4.594	0.01514	2.15920	18	X
23400	14.9	0.15	K232P	281.373	159.443	192.605	9.178	0.07096	2.97958	24	X
23416	15.1	0.15	K232P	246.984	106.184	150.479	2.260	0.15072	2.41654	19	X
23436	13.9	0.15	K232P	71.471	87.266	309.541	3.771	0.18952	3.16307	23	X
23552	13.6	0.15	K232P	335.063	95.014	126.775	23.768	0.27759	2.36483	21	X
23554	14.7	0.15	K232P	249.361	309.991	308.760	1.516	0.18924	2.42698	21	X
23714	16.8	0.15	K232P	334.555	128.946	127.855	8.398	0.51633	2.12834	16	X
23919	13.5	0.15	K232P	131.672	224.922	117.038	1.785	0.21309	3.18733	21	X
23964	13.5	0.15	K232P	166.473	193.734	131.162	5.551	0.19806	3.18933	23	X
24019	15.2	0.15	K232P	98.677	217.937	157.127	6.254	0.14113	2.39029	19	X
24191	14.7	0.15	K232P	81.869	285.092	118.742	6.239	0.05941	2.72839	19	X
24322	14.9	0.15	K232P	109.053	210.965	160.697	5.066	0.11966	2.42348	19	X
24397	15.1	0.15	K232P	99.973	234.613	140.376	8.133	0.14284	2.41397	21	X
24445	14.7	0.15	K232P	299.510	219.072	203.162	23.781	0.54596	2.21005	20	X
24470	11.0	0.15	K232P	4.264	67.708	260.713	23.934	0.08603	5.24192	24	X
24471	11.2	0.15	K232P	289.075	139.695	241.697	26.970	0.04596	5.31611	26	X
24472	11.7	0.15	K232P	321.308	136.224	237.649	21.146	0.04542	5.19495	30	X
24562	15.6	0.15	K232P	227.398	76.663	194.373	1.517	0.12463	2.17787	19	X
24643	14.1	0.15	K232P	322.407	114.495	219.826	23.302	0.29550	2.32175	22	X
24702	15.0	0.15	K232P	184.995	232.892	135.173	24.252	0.08999	1.94496	18	X
24807	15.5	0.15	K232P	347.830	317.718	179.010	0.641	0.12609	2.72996	20	X
24864	14.2	0.15	K232P	76.688	41.480	2.058	3.763	0.09950	2.76293	21	X
24969	14.1	0.15	K232P	111.646	220.382	143.172	14.142	0.11582	2.59841	20	X
24972	14.5	0.15	K232P	291.112	152.344	213.790	24.690	0.21720	2.79941	22	X
25067	13.9	0.15	K232P	348.928	50.801	284.600	13.262	0.18675	2.56972	21	X
25086	14.3	0.15	K232P	13.586	304.940	162.166	10.252	0.14613	2.75340	20	X
25256	15.0	0.15	K232P	202.344	327.631	329.159	2.230	0.16593	2.44505	20	X
25388	14.7	0.15	K232P	332.931	347.802	177.433	2.288	0.14295	2.40569	20	X
25504	13.6	0.15	K232P	41.724	31.997	110.855	23.214	0.14746	3.13765	24	X
25547	14.2	0.15	K232P	27.304	350.453	87.633	5.988	0.28269	2.77755	20	X
25581	13.2	0.15	K232P	54.810	335.422	253.142	10.834	0.09361	2.64498	21	X
25645	15.2	0.15	K232P	262.836	126.800	111.971	6.795	0.09533	2.42426	20	X
25667	13.8	0.15	K232P	252.197	283.650	324.662	7.124	0.07332	3.21749	22	X
25754	12.9	0.15	K232P	9.101	274.539	356.945	12.421	0.15399	3.05285	24	X
25773	14.0	0.15	K232P	189.843	355.886	306.021	3.386	0.05062	2.78296	23	X
25807	14.6	0.15	K232P	169.811	298.769	26.280	1.379	0.11539	2.77667	21	X
25968	15.5	0.15	K232P	201.472	267.978	27.187	2.919	0.19406	2.18138	20	X
26110	14.3	0.15	K232P	202.440	176.777	123.028	6.784	0.20772	2.21717	23	X
26145	14.0	0.15	K232P	324.548	5.281	157.063	6.440	0.06779	2.45352	20	X
26167	13.9	0.15	K232P	163.914	220.921	265.358	22.604	0.15831	2.32385	21	X
26383	15.0	0.15	K232P	352.329	89.764	126.960	24.432	0.05942	1.94184	18	X
26419	13.4	0.15	K232P	140.970	291.744	262.690	12.366	0.10776	2.57582	24	X
26776	13.9	0.15	K232P	43.605	332.482	111.302	4.800	0.07111	3.24655	23	X
26807	14.1	0.15	K232P	198.270	357.446	297.500	4.216	0.10421	2.47209	23	X
26847	13.8	0.15	K232P	274.427	107.278	143.124	16.052	0.28226	2.71365	21	X
26987	14.5	0.15	K232P	103.998	112.109	261.696	0.932	0.08395	2.86748	23	X
27040	14.2	0.15	K232P	39.596	85.716	345.671	4.143	0.16654	2.24634	18	X
27049	13.8	0.15	K232P	4.995	15.354	156.766	31.954	0.08324	2.71215	21	X
27057	14.5	0.15	K232P	12.484	100.443	346.940	4.871	0.30229	2.26145	18	X
27279	15.7	0.15	K232P	300.406	168.443	32.664	3.478	0.12514	2.45422	20	X
27394	13.1	0.15	K232P	348.457	88.938	203.135	12.637	0.20773	3.09879	23	X
27405	14.7	0.15	K232P	78.494	352.107	45.275	2.071	0.13645	2.50055	23	X
27448	13.6	0.15	K232P	60.287	273.921	148.408	2.515	0.02949	2.82830	21	X
27458	14.5	0.15	K232P	337.885	78.919	217.673	0.942	0.08931	3.11134	24	X
27527	14.1	0.15	K232P	201.546	223.048	68.788	3.036	0.02229	2.85537	21	X
27531	13.5	0.15	K232P	211.163	60.455	30.329	9.489	0.08219	3.07958	21	X
27550	13.8	0.15	K232P	272.795	146.640	255.292	10.795	0.18299	2.65307	21	X
27708	13.2	0.15	K232P	94.231	293.394	233.993	21.074	0.28130	2.40103	20	X
27723	12.6	0.15	K232P	309.297	338.569	25.792	20.078	0.21334	3.09129	23	X
27774	15.2	0.15	K232P	52.114	87.756	327.538	3.265	0.16777	2.27645	20	X
28072	15.0	0.15	K232P	106.100	279.080	86.873	3.307	0.19711	2.45792	20	X
28077	15.1	0.15	K232P	69.415	75.115	340.056	5.705	0.05730	2.23434	17	X
28095	15.5	0.15	K232P	78.639	174.541	216.037	1.431	0.12196	2.23945	20	X
28110	16.0	0.15	K232P	263.655	223.780	15.992	2.287	0.10459	2.21613	20	X
28227	14.6	0.15	K232P	345.122	64.058	78.864	4.733	0.07142	2.27542	23	X
28271	14.7	0.15	K232P	40.174	235.778	209.369	1.372	0.03434	2.86964	20	X
28637	13.4	0.15	K232P	304.115	227.631	139.708	12.237	0.25681	2.65237	24	X
28714	14.7	0.15	K232P	166.047	254.731	68.313	3.319	0.18871	2.25588	20	X
28818	14.6	0.15	K232P	103.524	54.148	317.011	5.345	0.15075	2.26224	20	X
28834	14.2	0.15	K232P	113.860	321.283	51.968	2.874	0.06925	2.87732	21	X
28892	14.2	0.15	K232P	349.689	65.406	268.437	21.438	0.22459	2.41883	23	X
28938	12.3	0.15	K232P	350.867	84.594	269.615	20.330	0.11571	3.17817	24	X
28950	14.5	0.15	K232P	254.268	275.343	326.614	8.891	0.05720	3.01113	21	X
28997	14.9	0.15	K232P	56.572	60.578	342.585	5.122	0.23840	2.56359	23	X
29053	13.8	0.15	K232P	6.206	55.867	72.241	2.305	0.07367	3.92643	23	X
29273	16.5	0.15	K232P	3.970	117.100	151.329	1.091	0.16144	2.37497	19	X
29506	14.5	0.15	K232P	41.420	50.623	23.605	2.457	0.17670	2.58179	19	X
29520	14.5	0.15	K232P	305.911	223.549	322.885	1.035	0.05259	2.93088	23	X
29538	11.7	0.15	K232P	19.917	49.161	87.682	14.665	0.05628	3.39691	23	X
29665	12.9	0.15	K232P	289.674	239.233	346.898	7.988	0.21070	2.86835	21	X
29743	14.8	0.15	K232P	10.856	307.922	159.550	14.013	0.14018	2.54779	20	X
29916	15.2	0.15	K232P	2.255	114.904	5.375	6.370	0.24214	2.55771	15	X
30054	15.5	0.15	K232P	249.180	322.340	296.344	1.991	0.16942	2.23751	19	X
30172	14.8	0.15	K232P	221.077	115.039	157.642	2.452	0.01919	2.84038	20	X
30205	15.2	0.15	K232P	341.414	346.239	165.027	5.181	0.03290	2.24732	20	X
30219	13.7	0.15	K232P	15.328	51.260	219.869	27.010	0.30530	3.15333	19	X
30251	15.5	0.15	K232P	95.976	150.055	232.397	1.930	0.08426	2.52018	21	X
30512	12.8	0.15	K232P	358.014	43.157	128.463	25.707	0.32300	3.85080	23	X
30545	12.3	0.15	K232P	159.039	278.958	220.882	27.069	0.17387	3.18633	23	X
30571	16.1	0.15	K232P	333.288	273.118	35.095	5.330	0.19867	2.37143	20	X

30813	14.6	0.15	K232P	137.352	353.509	351.558	6.179	0.16651	2.28484	22 X
30858	14.4	0.15	K232P	20.421	46.322	87.512	24.644	0.25382	2.27157	19 X
30927	14.7	0.15	K232P	354.449	78.641	191.739	13.150	0.26287	2.42819	21 X
31114	16.1	0.15	K232P	345.202	78.086	64.920	4.591	0.11694	2.28012	18 X
31170	14.4	0.15	K232P	241.188	203.972	222.051	24.010	0.26127	2.42095	22 X
31200	14.5	0.15	K232P	349.649	158.482	342.683	1.311	0.05466	2.91788	24 X
31253	14.6	0.15	K232P	114.767	346.493	18.946	2.447	0.12585	2.95438	21 X
31341	13.0	0.15	K232P	216.774	151.284	131.199	16.968	0.07350	3.03263	21 X
31375	15.2	0.15	K232P	39.618	105.130	340.235	4.841	0.02922	2.26618	18 X
31475	14.9	0.15	K232P	245.803	272.362	346.302	6.006	0.12101	2.28516	19 X
31477	15.1	0.15	K232P	299.802	176.178	21.817	4.457	0.09241	2.28628	17 X
31505	14.3	0.15	K232P	20.097	342.157	271.715	1.609	0.13851	2.43953	20 X
31763	14.2	0.15	K232P	0.507	332.139	156.667	2.189	0.10071	2.91771	22 X
31826	13.3	0.15	K232P	165.439	250.265	241.668	23.716	0.08925	2.57853	22 X
31922	15.3	0.15	K232P	199.192	241.068	57.270	4.659	0.13923	2.25520	20 X
31954	14.8	0.15	K232P	199.462	147.115	143.036	6.881	0.12869	2.26908	20 X
32087	14.4	0.15	K232P	133.442	89.121	258.281	0.886	0.08965	2.89280	21 X
32223	14.5	0.15	K232P	57.798	79.185	336.698	4.988	0.08932	2.30183	20 X
32297	15.0	0.15	K232P	73.321	266.372	140.939	15.064	0.08593	2.58437	21 X
32301	14.2	0.15	K232P	68.344	27.278	18.143	5.992	0.16851	2.99948	21 X
32321	14.6	0.15	K232P	276.338	99.068	127.452	5.877	0.13662	2.55346	20 X
32419	13.9	0.15	K232P	243.877	285.530	341.655	6.564	0.17836	2.57316	22 X
32437	11.4	0.15	K232P	11.370	30.581	269.284	23.117	0.12401	5.19669	26 X
32464	11.7	0.15	K232P	188.545	261.766	234.841	25.223	0.01576	5.24366	24 X
32645	15.0	0.15	K232P	44.899	342.418	97.937	2.075	0.05545	2.95223	21 X
32834	15.1	0.15	K232P	92.664	276.708	116.801	5.733	0.04799	2.29161	20 X
32961	15.0	0.15	K232P	278.186	264.063	316.033	5.837	0.09416	2.31661	20 X
33150	13.5	0.15	K232P	175.103	164.766	153.876	13.653	0.18178	2.60309	20 X
33179	14.3	0.15	K232P	352.457	260.921	231.381	2.751	0.08495	2.61254	20 X
33190	14.5	0.15	K232P	234.647	263.728	358.857	9.634	0.05576	2.97124	19 X
33284	13.1	0.15	K232P	115.581	207.358	154.969	13.056	0.18280	2.64784	21 X
33410	14.6	0.15	K232P	157.107	10.491	314.457	8.207	0.17808	2.27696	18 X
33445	14.3	0.15	K232P	263.038	102.229	131.085	3.070	0.01808	2.87614	20 X
33449	15.1	0.15	K232P	273.948	124.990	116.443	4.560	0.20561	2.55469	21 X
33740	14.8	0.15	K232P	172.906	176.749	145.330	8.581	0.17879	2.35445	20 X
33745	14.0	0.15	K232P	280.625	69.197	161.178	13.952	0.16528	2.59840	22 X
33993	14.1	0.15	K232P	133.669	224.767	123.284	11.630	0.18217	2.57859	20 X
34038	15.5	0.15	K232P	269.671	44.105	181.912	4.518	0.10508	2.28598	19 X
34216	14.0	0.15	K232P	156.744	353.125	336.829	5.295	0.11186	2.96176	24 X
34267	14.7	0.15	K232P	187.728	128.594	172.519	1.694	0.03230	2.97354	22 X
34272	14.8	0.15	K232P	30.146	313.318	145.001	9.977	0.02086	2.57152	20 X
34494	14.8	0.15	K232P	79.600	148.313	246.275	2.591	0.11567	3.02638	19 X
34637	14.2	0.15	K232P	286.602	249.685	321.274	3.623	0.10912	3.00616	23 X
35028	15.6	0.15	K232P	8.093	300.050	166.541	5.007	0.21138	2.61956	17 X
35103	13.3	0.15	K232P	70.761	216.474	195.531	1.499	0.06145	2.90751	20 X
35398	15.1	0.15	K232P	341.200	28.341	121.149	4.518	0.13530	2.33542	20 X
35656	12.8	0.15	K232P	161.908	0.388	329.586	13.999	0.09473	3.11989	21 X
35679	15.1	0.15	K232P	226.235	333.971	296.637	4.003	0.13928	2.26756	20 X
35887	15.0	0.15	K232P	205.739	179.887	117.394	8.692	0.18653	2.59162	21 X
36047	14.5	0.15	K232P	355.276	332.663	161.776	10.071	0.04482	3.05259	21 X
36058	13.8	0.15	K232P	224.543	84.282	191.735	2.999	0.13037	3.04339	20 X
36063	13.8	0.15	K232P	20.032	41.057	132.545	22.490	0.02306	2.58373	19 X
36101	13.3	0.15	K232P	112.952	215.884	153.726	12.068	0.14450	3.05384	21 X
36400	15.2	0.15	K232P	102.600	238.405	126.133	0.668	0.17675	2.61810	22 X
36460	14.4	0.15	K232P	68.475	249.005	154.025	15.826	0.18960	2.61360	19 X
36578	15.5	0.15	K232P	23.791	105.557	348.611	8.218	0.15076	2.32508	17 X
36745	14.4	0.15	K232P	180.046	324.487	347.946	7.462	0.19717	2.59327	21 X
36845	14.6	0.15	K232P	296.061	68.004	133.199	4.469	0.10647	2.32641	20 X
36893	15.0	0.15	K232P	143.256	15.844	330.259	2.044	0.12381	2.61213	20 X
37011	14.6	0.15	K232P	22.287	319.336	150.178	10.558	0.05471	3.00786	20 X
37209	14.5	0.15	K232P	325.515	189.254	343.696	4.518	0.05385	3.03870	20 X
37270	13.7	0.15	K232P	275.710	259.854	335.002	13.200	0.15259	3.06503	20 X
37274	13.5	0.15	K232P	165.125	348.878	335.195	14.655	0.26497	2.34191	20 X
37346	14.5	0.15	K232P	222.696	291.115	344.165	1.147	0.03612	2.89474	23 X
37513	14.6	0.15	K232P	258.852	292.821	325.398	11.430	0.23615	2.64424	19 X
37598	15.1	0.15	K232P	122.488	245.787	111.202	5.112	0.14937	2.29486	22 X
37978	14.1	0.15	K232P	328.979	261.707	68.521	18.542	0.17592	2.85404	20 X
38336	15.6	0.15	K232P	240.408	302.445	324.822	5.433	0.20372	2.34541	20 X
38415	15.2	0.15	K232P	168.391	176.126	148.838	3.317	0.09706	2.64236	19 X
38436	15.2	0.15	K232P	285.080	247.033	329.202	1.220	0.13683	2.65192	23 X
38499	14.7	0.15	K232P	208.283	198.957	88.525	2.625	0.05809	3.07521	20 X
38634	14.4	0.15	K232P	68.174	265.580	134.712	13.580	0.19043	2.58604	21 X
38819	14.8	0.15	K232P	116.308	36.100	323.435	7.037	0.13544	2.33951	18 X
39019	15.4	0.15	K232P	274.370	104.913	128.604	3.698	0.15399	2.32700	19 X
39077	14.6	0.15	K232P	351.039	322.491	177.033	1.245	0.13772	3.05128	19 X
39272	14.3	0.15	K232P	278.426	88.335	132.129	10.859	0.03942	3.07952	21 X
39310	14.8	0.15	K232P	40.155	71.926	17.305	2.130	0.03344	2.93092	22 X
39354	14.9	0.15	K232P	256.242	269.546	351.111	4.689	0.20640	2.33161	19 X
39701	14.6	0.15	K232P	98.896	35.980	345.461	4.553	0.09898	2.35643	20 X
39747	15.3	0.15	K232P	229.598	297.532	325.569	2.404	0.01725	2.66039	19 X
39810	14.0	0.15	K232P	349.699	118.027	63.020	22.698	0.27192	2.30440	19 X
39824	15.2	0.15	K232P	319.757	66.227	117.441	4.861	0.16371	2.59758	19 X
39852	15.5	0.15	K232P	16.279	315.950	157.431	6.932	0.04964	2.35122	19 X
39943	14.9	0.15	K232P	82.322	79.585	307.648	5.850	0.13744	2.37954	18 X
40029	14.6	0.15	K232P	305.677	6.445	253.425	15.094	0.26242	2.60718	20 X
40095	14.4	0.15	K232P	129.223	207.353	143.435	8.001	0.17725	2.73141	20 X
40103	13.7	0.15	K232P	74.458	257.997	142.843	11.854	0.14352	3.17090	20 X
40168	14.2	0.15	K232P	241.729	119.357	146.773	9.968	0.12054	3.11561	21 X
40256	15.3	0.15	K232P	61.872	342.302	128.715	24.009	0.07253	1.91009	18 X
40586	14.7	0.15	K232P	65.355	57.667	349.118	0.597	0.15690	3.09319	19 X
40679	14.1	0.15	K232P	12.415	168.575	304.451	8.660	0.04848	3.09126	19 X
40699	14.3	0.15	K232P	342.315	3.109	149.312	14.315	0.09423	2.67075	19 X
40788	14.3	0.15	K232P	70.459	37.086	7.045	5.061	0.15780	3.12227	21 X

40829	14.3	0.15	K232P	110.929	296.873	76.869	3.573	0.08587	2.68642	19 X
40993	14.5	0.15	K232P	87.691	246.020	139.773	2.801	0.10682	2.71046	20 X
41189	13.7	0.15	K232P	72.548	268.605	141.398	22.729	0.04143	3.13764	20 X
41358	13.2	0.15	K232P	51.588	344.740	299.541	11.624	0.06981	2.93554	25 X
42094	15.3	0.15	K232P	137.136	256.192	93.541	4.716	0.08858	2.37275	19 X
42318	13.5	0.15	K232P	301.550	190.703	201.130	29.434	0.18947	3.16846	22 X
42631	15.7	0.15	K232P	123.460	96.037	255.857	2.150	0.17742	2.16974	20 X
42708	13.7	0.15	K232P	326.784	125.617	123.283	18.873	0.20040	2.62331	21 X
42752	14.0	0.15	K232P	45.584	256.657	173.545	1.483	0.11286	3.19288	19 X
42928	15.6	0.15	K232P	316.896	141.683	173.735	22.730	0.21310	2.29107	17 X
43064	14.1	0.15	K232P	244.132	301.703	310.067	7.632	0.08968	2.38906	19 X
43109	15.0	0.15	K232P	122.802	223.981	139.519	2.530	0.10151	2.71215	21 X
43424	15.3	0.15	K232P	351.567	109.525	91.244	23.444	0.17503	2.33494	18 X
43808	14.8	0.15	K232P	66.007	74.924	323.438	4.599	0.21737	2.44089	19 X
43818	14.0	0.15	K232P	316.971	298.818	245.709	2.433	0.12835	3.98806	22 X
43829	15.4	0.15	K232P	63.395	273.455	144.289	6.588	0.08260	2.44458	21 X
43858	16.0	0.15	K232P	32.949	341.316	91.230	1.280	0.15591	2.18453	15 X
43975	15.4	0.15	K232P	27.701	162.947	281.145	1.985	0.14469	2.43636	18 X
44054	16.0	0.15	K232P	14.302	355.818	111.464	3.124	0.05184	2.15590	20 X
44082	15.0	0.15	K232P	91.894	220.258	165.214	2.103	0.12793	2.17196	19 X
44098	15.0	0.15	K232P	20.182	163.071	295.248	3.409	0.05073	2.16770	17 X
44308	14.4	0.15	K232P	28.300	328.524	125.894	10.096	0.12361	2.76450	20 X
44579	14.2	0.15	K232P	254.744	118.366	126.685	3.184	0.03948	2.89307	21 X
44588	15.4	0.15	K232P	278.492	141.808	122.937	24.330	0.06660	1.93338	18 X
44661	15.3	0.15	K232P	262.287	255.899	337.898	5.490	0.13214	2.14889	17 X
44733	15.4	0.15	K232P	291.323	331.391	243.419	1.437	0.14729	2.38191	20 X
44925	15.4	0.15	K232P	48.363	149.322	267.512	1.374	0.17405	2.43703	21 X
45170	14.1	0.15	K232P	294.474	297.186	331.804	11.217	0.21382	2.67730	19 X
45248	14.0	0.15	K232P	41.093	24.364	196.238	25.769	0.20412	2.61069	21 X
45255	14.5	0.15	K232P	297.863	124.623	91.992	2.656	0.17904	3.17158	21 X
45329	14.8	0.15	K232P	101.508	218.814	150.445	5.124	0.16423	2.43150	18 X
45439	14.5	0.15	K232P	355.322	316.137	172.984	6.795	0.19635	2.75952	22 X
45582	14.4	0.15	K232P	117.005	15.521	342.996	3.063	0.10790	2.79604	20 X
45927	15.4	0.15	K232P	260.366	290.431	316.707	6.186	0.16320	2.37367	19 X
46018	15.3	0.15	K232P	25.071	297.718	167.414	2.664	0.03847	2.69785	18 X
46244	12.9	0.15	K232P	201.328	261.064	105.818	22.757	0.17570	3.15772	21 X
46259	14.4	0.15	K232P	184.590	196.314	115.912	10.439	0.14723	2.76140	20 X
46528	15.2	0.15	K232P	36.012	113.511	319.585	7.620	0.15953	2.46189	17 X
46535	15.6	0.15	K232P	3.577	110.121	3.764	2.125	0.15899	2.45936	18 X
46540	15.7	0.15	K232P	14.039	6.232	239.223	18.989	0.03955	1.91390	19 X
46612	15.0	0.15	K232P	51.688	275.266	159.884	2.787	0.03436	2.79231	21 X
46683	16.1	0.15	K232P	296.520	63.711	144.000	3.708	0.18576	2.40502	20 X
47253	15.8	0.15	K232P	357.090	70.022	53.666	1.975	0.14130	2.42776	19 X
47450	14.9	0.15	K232P	157.449	230.956	100.439	7.424	0.10852	2.43851	18 X
47552	13.4	0.15	K232P	43.052	318.509	311.553	17.547	0.24322	3.01985	22 X
47672	14.4	0.15	K232P	186.349	344.118	321.076	3.742	0.06321	2.80758	23 X
47674	14.8	0.15	K232P	36.084	311.930	140.921	3.027	0.04520	2.78635	22 X
47718	15.4	0.15	K232P	63.949	255.042	162.594	4.019	0.08775	2.78637	18 X
47853	14.0	0.15	K232P	321.264	105.844	218.596	11.958	0.22340	2.64798	20 X
48055	16.4	0.15	K232P	261.673	105.742	132.302	2.432	0.08221	2.16256	18 X
48205	14.8	0.15	K232P	171.451	176.589	142.824	4.221	0.10962	2.79821	22 X
48219	14.3	0.15	K232P	285.448	168.172	223.187	23.599	0.17766	2.32406	20 X
48310	14.6	0.15	K232P	183.824	177.226	136.327	9.781	0.16438	2.74522	22 X
48433	13.7	0.15	K232P	297.815	340.952	31.614	13.896	0.23535	2.63559	20 X
48477	14.6	0.15	K232P	284.191	142.572	241.132	23.606	0.20787	2.33402	19 X
48576	15.3	0.15	K232P	2.137	58.236	217.030	22.476	0.23338	2.33916	17 X
48703	16.2	0.15	K232P	193.344	228.752	211.880	21.343	0.10674	1.91531	17 X
48854	14.9	0.15	K232P	306.709	47.349	152.588	13.201	0.13629	2.60822	20 X
48898	13.9	0.15	K232P	234.763	212.120	112.539	24.412	0.22499	2.36851	19 X
48971	15.2	0.15	K232P	212.512	142.956	149.383	2.773	0.19098	2.42131	18 X
49164	14.3	0.15	K232P	206.518	279.077	14.881	2.674	0.18056	2.43114	19 X
49264	14.8	0.15	K232P	177.835	222.226	244.140	24.615	0.25341	2.36644	20 X
49283	14.8	0.15	K232P	252.489	81.389	161.035	6.987	0.08077	2.47109	19 X
49513	12.8	0.15	K232P	165.475	276.188	123.399	22.530	0.07609	3.19678	21 X
49690	15.9	0.15	K232P	251.357	249.743	357.751	3.864	0.12782	2.16663	19 X
49742	16.1	0.15	K232P	46.486	55.514	22.830	5.296	0.02504	2.18024	17 X
49821	16.4	0.15	K232P	279.025	102.600	111.229	1.612	0.06183	2.19422	20 X
49998	15.3	0.15	K232P	219.521	327.511	316.345	2.129	0.14493	2.18359	19 X
50390	14.6	0.15	K232P	318.893	28.138	150.553	9.947	0.08675	2.80121	19 X
50473	15.3	0.15	K232P	48.404	61.488	13.706	2.484	0.09130	2.80003	19 X
50495	13.7	0.15	K232P	183.836	175.094	131.942	9.298	0.21438	2.79102	21 X
50796	14.2	0.15	K232P	202.257	323.012	59.634	4.290	0.01930	3.15430	22 X
50990	14.2	0.15	K232P	139.935	67.751	85.106	13.002	0.08085	3.06184	19 X
51086	13.4	0.15	K232P	297.025	159.067	137.510	24.220	0.13619	3.16353	21 X
51165	14.8	0.15	K232P	125.610	293.357	67.617	3.452	0.07030	2.84647	20 X
51198	15.0	0.15	K232P	150.041	302.008	192.364	22.136	0.28556	2.34572	19 X
51356	15.3	0.15	K232P	102.133	36.254	331.166	22.207	0.11162	1.81174	16 X
51498	15.2	0.15	K232P	295.659	204.497	2.788	12.959	0.13925	2.41762	20 X
51646	15.7	0.15	K232P	232.540	277.230	351.040	4.840	0.08564	2.18110	18 X
52269	14.2	0.15	K232P	38.714	337.644	139.806	24.865	0.21476	2.46327	21 X
53163	14.8	0.15	K232P	336.668	94.899	64.016	2.738	0.12910	2.87476	19 X
53164	14.1	0.15	K232P	241.237	297.477	328.709	14.867	0.21033	2.55773	19 X
53168	12.8	0.15	K232P	200.802	235.681	139.632	33.858	0.22672	2.74266	24 X
53174	13.5	0.15	K232P	313.253	127.914	120.927	23.121	0.05834	3.22429	21 X
53226	15.1	0.15	K232P	259.488	271.263	337.420	12.032	0.15233	2.53743	19 X
53284	13.6	0.15	K232P	104.547	44.687	321.775	6.968	0.21350	2.55703	21 X
53289	14.4	0.15	K232P	347.913	6.629	133.749	7.119	0.18910	2.55019	18 X
53298	13.6	0.15	K232P	353.253	10.240	125.601	3.215	0.00548	2.89863	22 X
53339	14.0	0.15	K232P	218.314	201.222	77.668	3.085	0.07417	2.93752	21 X
53976	16.0	0.15	K232P	307.766	230.019	316.793	0.625	0.06107	2.24484	18 X
54061	16.2	0.15	K232P	269.034	158.338	79.032	5.255	0.13610	2.23985	17 X
54216	14.7	0.15	K232P	317.601	165.982	8.001	7.449	0.02716	2.25404	20 X
54259	15.3	0.15	K232P	198.201	318.706	338.906	3.611	0.13124	2.52069	20 X

54428	12.5	0.15	K232P	19.406	18.777	299.249	16.397	0.10193	3.13954	20	X
54632	12.4	0.15	K232P	339.746	67.007	261.382	18.000	0.11248	5.17778	19	X
54764	15.6	0.15	K232P	139.224	230.505	112.659	5.350	0.21575	2.23018	19	X
54939	14.8	0.15	K232P	124.196	351.310	7.863	2.994	0.11601	2.53335	21	X
55114	14.9	0.15	K232P	103.265	16.586	3.649	1.553	0.06972	2.88231	21	X
55620	15.3	0.15	K232P	344.757	57.649	234.878	12.760	0.07638	2.64878	20	X
55680	15.3	0.15	K232P	39.038	26.217	43.184	6.151	0.21402	2.53866	19	X
55844	14.7	0.15	K232P	353.580	41.293	282.998	18.365	0.05272	1.92501	17	X
56239	14.5	0.15	K232P	148.426	247.812	94.634	3.515	0.06754	2.94729	20	X
56321	14.5	0.15	K232P	166.367	253.262	253.043	22.254	0.04902	1.93711	17	X
56356	14.4	0.15	K232P	296.846	283.348	78.683	12.125	0.19509	2.53778	23	X
56371	14.7	0.15	K232P	196.758	307.240	355.052	10.202	0.19353	2.25274	18	X
56391	15.6	0.15	K232P	250.043	259.704	354.031	3.777	0.11351	2.24389	17	X
56773	14.0	0.15	K232P	87.792	254.408	138.237	11.667	0.12134	2.99746	20	X
56968	11.8	0.15	K232P	174.448	257.642	234.046	14.425	0.03619	5.20125	23	X
57256	15.0	0.15	K232P	69.208	52.914	345.181	4.806	0.22092	2.55042	20	X
57481	15.0	0.15	K232P	17.104	109.112	356.463	4.411	0.14212	2.55982	17	X
57830	15.0	0.15	K232P	279.251	210.552	6.455	9.989	0.03073	2.95821	20	X
57899	14.5	0.15	K232P	242.292	120.344	138.497	12.957	0.13558	2.67426	21	X
58214	14.4	0.15	K232P	90.627	50.810	336.476	14.400	0.15705	2.84689	20	X
58215	15.0	0.15	K232P	118.464	348.217	14.526	6.839	0.11305	2.58187	17	X
58934	15.6	0.15	K232P	53.991	293.984	130.822	6.241	0.10458	2.22544	17	X
59171	15.3	0.15	K232P	171.418	299.083	18.488	5.601	0.02810	2.27435	18	X
59199	15.4	0.15	K232P	225.250	114.570	156.716	6.970	0.10947	2.30158	19	X
59250	14.7	0.15	K232P	335.698	68.858	125.736	24.024	0.18956	2.27633	18	X
59374	14.6	0.15	K232P	229.386	145.481	136.103	8.268	0.18595	2.89517	20	X
59470	15.4	0.15	K232P	314.963	178.156	353.410	3.619	0.01813	2.57178	17	X
59498	14.3	0.15	K232P	104.813	331.127	201.152	24.385	0.09979	2.47026	19	X
59845	14.3	0.15	K232P	66.386	247.553	160.551	10.195	0.11602	3.07641	19	X
60624	16.6	0.15	K232P	127.812	320.969	175.132	22.561	0.07085	1.97993	16	X
60692	15.7	0.15	K232P	311.775	141.694	33.323	1.041	0.05975	2.24416	19	X
60896	14.6	0.15	K232P	335.126	323.100	352.408	11.491	0.19441	2.69770	20	X
60907	15.7	0.15	K232P	51.845	94.596	332.275	1.163	0.11704	2.26131	17	X
61118	15.0	0.15	K232P	146.111	207.932	132.068	5.140	0.16390	2.30170	19	X
61138	16.0	0.15	K232P	238.767	297.565	323.727	3.668	0.10983	2.27721	18	X
61989	14.8	0.15	K232P	293.871	155.888	202.897	12.801	0.13762	2.79390	20	X
62324	14.5	0.15	K232P	12.230	20.019	99.340	4.263	0.07511	3.02476	20	X
62550	15.6	0.15	K232P	258.782	264.432	346.456	4.091	0.13052	2.56771	20	X
62889	15.1	0.15	K232P	185.022	320.229	353.180	4.546	0.13951	2.60775	19	X
62971	14.7	0.15	K232P	24.983	85.884	9.776	0.998	0.18244	3.07965	19	X
63098	14.7	0.15	K232P	12.823	330.987	142.419	13.041	0.09685	3.04872	20	X
63201	14.7	0.15	K232P	318.273	103.210	75.636	2.145	0.08545	3.10781	22	X
63232	14.4	0.15	K232P	340.954	167.845	345.125	5.537	0.08854	3.13004	19	X
63355	14.5	0.15	K232P	357.977	87.440	181.190	20.528	0.30743	3.06565	16	X
63443	15.5	0.15	K232P	217.433	234.721	194.850	21.698	0.04657	2.62972	17	X
63597	14.5	0.15	K232P	57.629	255.370	150.360	12.918	0.23270	2.56974	19	X
63660	13.9	0.15	K232P	69.759	323.821	96.038	3.305	0.04232	2.89125	19	X
63942	14.5	0.15	K232P	191.852	162.837	140.211	4.447	0.13443	2.89003	20	X
63958	15.8	0.15	K232P	67.270	259.095	142.538	5.837	0.16275	2.28048	16	X
63986	15.9	0.15	K232P	80.757	49.278	340.965	6.760	0.14171	2.27429	16	X
64179	15.0	0.15	K232P	40.647	346.803	79.708	3.853	0.25784	2.98255	17	X
64695	15.4	0.15	K232P	125.709	244.618	114.296	4.790	0.11712	2.56212	19	X
65906	15.2	0.15	K232P	40.917	323.953	104.743	3.028	0.18652	2.36309	17	X
66041	13.8	0.15	K232P	232.341	297.281	323.742	16.739	0.03700	3.14351	19	X
66272	17.2	0.15	K232P	23.825	68.462	66.379	51.313	0.14329	1.50754	11	X
67284	15.9	0.15	K232P	264.872	133.214	155.587	26.818	0.12034	1.86575	16	X
67499	15.6	0.15	K232P	49.984	183.388	246.581	6.501	0.08500	2.33516	17	X
67533	15.6	0.15	K232P	234.880	113.448	154.172	6.691	0.08816	2.30834	19	X
67625	14.9	0.15	K232P	261.087	241.247	0.211	6.616	0.10524	2.32483	18	X
67954	15.6	0.15	K232P	228.979	180.084	91.496	5.815	0.11830	2.32911	18	X
68187	14.8	0.15	K232P	155.931	184.820	143.239	16.429	0.13201	2.68608	20	X
68291	14.5	0.15	K232P	33.645	110.486	343.714	8.831	0.04705	3.16956	18	X
68404	14.6	0.15	K232P	294.853	170.706	204.819	11.848	0.31511	2.67688	20	X
68666	15.0	0.15	K232P	282.136	66.593	149.572	13.343	0.08177	2.32885	18	X
69048	15.8	0.15	K232P	343.914	240.294	56.358	3.109	0.12466	2.35964	19	X
69302	13.5	0.15	K232P	337.761	353.593	165.144	3.846	0.13303	3.96997	22	X
69659	15.7	0.15	K232P	310.434	213.698	329.036	5.160	0.08680	2.36612	17	X
69805	14.9	0.15	K232P	90.169	265.620	123.269	6.246	0.11132	2.75170	21	X
69806	15.2	0.15	K232P	52.776	252.005	172.492	4.075	0.09907	2.75608	21	X
69820	14.8	0.15	K232P	68.227	274.083	147.051	6.376	0.03890	2.75203	20	X
69930	13.2	0.15	K232P	338.460	136.585	41.965	14.623	0.14456	2.76370	19	X
70121	15.6	0.15	K232P	244.723	190.750	70.567	4.959	0.13719	2.33457	19	X
70572	15.8	0.15	K232P	35.162	101.845	345.233	5.037	0.06903	2.39850	17	X
71437	14.9	0.15	K232P	336.865	130.579	25.659	0.703	0.10884	3.21201	18	X
71864	15.9	0.15	K232P	343.312	277.623	226.601	2.161	0.09368	2.35490	18	X
72125	16.1	0.15	K232P	350.411	337.738	163.138	2.368	0.15182	2.39223	21	X
72135	16.1	0.15	K232P	322.728	279.097	253.463	1.292	0.14176	2.36791	18	X
72212	15.8	0.15	K232P	40.245	25.672	44.659	1.993	0.16129	2.38764	16	X
72357	14.4	0.15	K232P	252.254	122.158	124.263	10.176	0.05377	3.16234	19	X
72476	14.2	0.15	K232P	224.502	319.880	316.359	12.360	0.15367	3.14370	19	X
72521	14.6	0.15	K232P	199.472	138.140	155.983	5.651	0.01470	2.72537	18	X
72603	14.2	0.15	K232P	307.348	7.354	186.775	1.676	0.13168	3.17202	22	X
72652	15.4	0.15	K232P	2.489	335.294	151.465	1.928	0.09048	2.73116	22	X
72666	14.4	0.15	K232P	235.486	269.165	0.324	4.264	0.13310	3.19670	20	X
72991	15.0	0.15	K232P	303.179	102.576	173.231	27.935	0.27974	2.58432	16	X
72993	16.0	0.15	K232P	292.184	49.953	160.516	2.497	0.15937	2.33651	18	X
74100	14.8	0.15	K232P	133.046	7.258	342.741	11.549	0.12158	2.74701	17	X
74410	15.2	0.15	K232P	273.822	155.411	120.290	28.638	0.04764	1.90600	16	X
74944	16.2	0.15	K232P	31.350	309.866	131.704	3.351	0.15253	2.42633	17	X
74957	15.7	0.15	K232P	356.173	43.077	231.586	12.944	0.12622	2.56994	17	X
75020	15.9	0.15	K232P	5.312	65.296	44.137	0.905	0.22002	2.43609	20	X
75121	15.5	0.15	K232P	273.542	176.285	60.966	0.711	0.16304	2.38794	18	X
75504	15.4	0.15	K232P	354.561	169.068	321.801	6.023	0.08329	2.43563	18	X

75581	15.2	0.15	K232P	57.135	98.531	310.006	2.015	0.17388	2.43841	21	X
75624	15.8	0.15	K232P	344.813	147.365	356.544	2.287	0.13110	2.45833	16	X
75660	15.2	0.15	K232P	15.952	338.623	128.520	5.067	0.12788	2.44156	17	X
76235	14.8	0.15	K232P	218.916	154.550	135.742	8.787	0.20994	2.79797	19	X
76806	14.1	0.15	K232P	65.237	74.623	338.098	9.430	0.10444	3.00614	19	X
76848	15.9	0.15	K232P	235.475	176.504	145.175	24.432	0.04787	1.91923	16	X
77293	14.9	0.15	K232P	269.942	202.243	175.917	13.907	0.09529	2.58704	21	X
77580	14.5	0.15	K232P	23.132	355.759	246.036	25.253	0.17114	2.63630	19	X
79753	15.3	0.15	K232P	163.378	287.552	197.887	26.963	0.21761	2.63022	17	X
79789	14.1	0.15	K232P	269.724	209.975	227.135	27.177	0.29099	2.59846	18	X
79829	15.3	0.15	K232P	86.664	28.722	358.801	7.448	0.14244	2.48125	16	X
81565	15.1	0.15	K232P	170.276	310.463	14.556	1.879	0.07787	2.85375	19	X
81916	13.4	0.15	K232P	339.374	94.846	267.785	17.435	0.24352	3.15418	19	X
83628	14.8	0.15	K232P	334.369	318.614	356.699	16.305	0.21618	2.72717	17	X
84830	15.6	0.15	K232P	292.371	20.546	348.026	12.899	0.18839	2.63343	16	X
84877	15.4	0.15	K232P	299.357	339.869	23.041	5.930	0.24370	2.35593	21	X
85098	14.6	0.15	K232P	309.918	202.721	340.475	11.742	0.04125	2.87546	19	X
85189	14.6	0.15	K232P	100.610	22.417	342.757	12.671	0.30109	2.64246	17	X
85563	15.8	0.15	K232P	171.046	260.347	131.679	23.799	0.12081	1.94532	16	X
85646	15.2	0.15	K232P	112.861	35.735	325.882	5.072	0.19445	2.22762	16	X
85709	15.9	0.15	K232P	342.016	29.731	186.583	24.844	0.33787	1.64589	15	X
85989	17.1	0.15	K232P	345.815	309.233	130.165	17.064	0.63280	0.88309	18	X
86069	13.5	0.15	K232P	20.989	92.407	356.720	13.006	0.27385	3.14443	16	X
86138	14.4	0.15	K232P	40.824	157.029	276.062	1.264	0.17142	3.11260	16	X
86960	15.6	0.15	K232P	229.173	119.546	157.108	7.054	0.16684	2.24338	18	X
87006	14.2	0.15	K232P	292.923	139.520	163.928	35.393	0.23156	2.78528	20	X
87116	14.9	0.15	K232P	120.079	231.149	126.312	13.891	0.18842	2.59451	18	X
87262	15.4	0.15	K232P	122.860	238.644	122.387	4.462	0.10017	2.57611	20	X
87270	14.7	0.15	K232P	71.624	275.139	134.323	9.846	0.10129	2.96339	19	X
87306	13.3	0.15	K232P	4.467	46.039	271.404	34.277	0.20803	2.75744	20	X
87354	15.4	0.15	K232P	328.681	205.461	124.097	17.621	0.24464	2.77534	19	X
87392	14.8	0.15	K232P	49.030	273.011	157.738	14.560	0.13289	2.61189	19	X
87601	14.6	0.15	K232P	118.893	10.307	344.118	12.020	0.24832	2.63374	18	X
87628	14.3	0.15	K232P	85.218	47.071	346.038	14.259	0.11194	2.63436	17	X
88099	15.0	0.15	K232P	338.131	27.842	286.104	6.940	0.21371	2.80711	19	X
88113	14.9	0.15	K232P	209.301	296.870	346.470	6.055	0.04807	3.03255	17	X
88499	14.3	0.15	K232P	88.538	48.233	331.378	11.392	0.19088	2.94881	16	X
88525	15.4	0.15	K232P	95.778	117.433	261.239	3.184	0.10825	2.53059	18	X
89473	15.8	0.15	K232P	64.143	59.399	0.362	3.630	0.08312	2.57926	16	X
89500	14.3	0.15	K232P	72.713	83.615	324.934	11.158	0.04204	2.93308	20	X
90251	16.3	0.15	K232P	234.247	233.153	155.146	23.420	0.09541	1.95629	16	X
90754	15.6	0.15	K232P	45.010	82.612	340.578	4.995	0.13050	2.33274	16	X
91300	15.0	0.15	K232P	293.578	211.608	348.564	5.843	0.04781	2.30677	17	X
91613	14.0	0.15	K232P	339.139	165.643	353.044	4.216	0.07062	3.08074	18	X
92115	14.5	0.15	K232P	30.158	359.775	89.886	2.633	0.15621	3.17248	17	X
92281	14.3	0.15	K232P	11.806	311.505	159.645	3.275	0.16935	3.97106	20	X
92492	15.4	0.15	K232P	352.877	195.226	85.391	10.915	0.21405	2.42623	18	X
92834	14.8	0.15	K232P	24.134	91.135	4.582	6.452	0.11582	2.31604	16	X
92932	15.5	0.15	K232P	306.562	125.784	224.674	7.448	0.17247	2.45351	18	X
92956	14.2	0.15	K232P	204.532	304.811	338.507	7.541	0.02582	2.61074	19	X
93628	15.8	0.15	K232P	27.325	275.733	166.004	5.291	0.23696	2.66347	18	X
93768	14.2	0.15	K232P	334.659	126.281	61.985	24.750	0.31731	2.32756	17	X
93923	15.2	0.15	K232P	58.873	268.625	148.542	9.155	0.07473	2.65177	18	X
94245	14.8	0.15	K232P	43.956	91.846	348.021	8.649	0.09904	3.12113	17	X
94248	14.5	0.15	K232P	283.377	252.335	333.987	5.400	0.12540	3.09937	19	X
94272	15.1	0.15	K232P	322.403	91.821	83.942	2.316	0.11293	3.13078	19	X
95188	14.7	0.15	K232P	280.490	84.028	147.220	4.261	0.21374	3.04511	20	X
95916	16.0	0.15	K232P	283.497	219.397	351.545	7.475	0.05388	2.27169	16	X
95919	15.5	0.15	K232P	297.962	55.731	148.739	8.078	0.14222	2.59142	18	X
96221	15.5	0.15	K232P	81.947	3.198	20.233	3.422	0.19706	2.33757	18	X
96276	15.1	0.15	K232P	50.424	86.488	64.354	9.035	0.15824	2.62858	17	X
96419	15.6	0.15	K232P	31.193	284.493	156.241	6.784	0.18692	2.35291	17	X
96566	14.7	0.15	K232P	16.327	118.423	347.704	4.502	0.12339	3.20335	15	X
96727	15.2	0.15	K232P	295.723	167.932	136.780	23.825	0.22091	2.28190	16	X
98422	15.6	0.15	K232P	151.558	203.304	132.982	5.635	0.18166	2.33059	18	X
98591	15.0	0.15	K232P	18.539	128.315	329.350	5.689	0.09569	2.38783	16	X
99038	15.5	0.15	K232P	358.350	152.348	338.369	13.867	0.15089	2.72368	14	X
99255	14.2	0.15	K232P	326.133	147.595	122.979	26.770	0.23970	3.15418	19	X
99473	15.9	0.15	K232P	331.553	353.421	163.343	6.404	0.14096	2.33823	16	X
99489	15.0	0.15	K232P	105.264	233.883	151.543	19.255	0.04201	2.64097	18	X
99498	15.4	0.15	K232P	9.321	15.609	174.266	24.947	0.18344	2.27832	17	X
99637	15.6	0.15	K232P	124.345	235.705	119.451	7.555	0.13954	2.35750	17	X
99661	14.4	0.15	K232P	17.623	43.755	160.718	29.302	0.10716	2.59656	18	X
99820	14.9	0.15	K232P	320.017	117.651	138.568	23.864	0.22488	2.32224	17	X
A0159	15.0	0.15	K232P	343.904	50.172	97.656	3.472	0.16848	2.53655	17	X
A0640	15.3	0.15	K232P	315.377	97.456	241.898	7.965	0.25859	2.41129	19	X
A1603	15.1	0.15	K232P	339.449	142.189	12.281	6.633	0.17919	2.53493	15	X
A1625	14.9	0.15	K232P	262.974	198.102	38.873	4.818	0.08787	2.52336	16	X
A2136	15.5	0.15	K232P	323.906	196.121	334.641	5.841	0.05783	2.37926	16	X
A2605	15.6	0.15	K232P	70.341	355.843	43.038	5.445	0.18648	2.42492	16	X
A2912	15.3	0.15	K232P	335.539	70.019	220.748	22.540	0.27094	2.28715	16	X
A3149	15.3	0.15	K232P	65.854	285.212	131.047	6.353	0.08376	2.75173	17	X
A3268	15.3	0.15	K232P	338.848	204.408	310.772	6.924	0.23472	2.76245	17	X
A3564	15.3	0.15	K232P	35.602	24.088	131.083	21.235	0.09384	2.41762	16	X
A3768	15.8	0.15	K232P	357.256	138.316	350.235	7.764	0.17172	2.78711	16	X
A4088	16.0	0.15	K232P	111.189	36.455	70.461	2.799	0.02107	2.70661	16	X
A4255	14.7	0.15	K232P	337.624	69.867	163.405	30.158	0.18458	2.72552	17	X
A4653	14.2	0.15	K232P	355.832	102.229	182.550	14.439	0.13619	3.14117	20	X
A5947	16.0	0.15	K232P	192.182	319.175	341.113	18.968	0.05327	1.93881	15	X
A6005	14.5	0.15	K232P	101.988	53.846	323.226	8.405	0.07338	3.01801	18	X
A6260	14.8	0.15	K232P	1.720	136.785	350.720	5.990	0.12171	3.03007	17	X
A6351	15.0	0.15	K232P	22.969	50.940	97.510	23.521	0.22875	2.35915	16	X
A7156	15.6	0.15	K232P	251.794	280.345	322.936	5.747	0.10318	2.39616	18	X

A7659	14.4	0.15	K232P	79.562	260.309	145.839	16.362	0.08970	3.17077	19	X
A8023	15.8	0.15	K232P	174.689	253.625	220.438	12.929	0.23620	2.55762	18	X
A8477	15.1	0.15	K232P	57.259	339.986	232.392	22.632	0.09786	2.63966	19	X
A8715	14.3	0.15	K232P	69.634	303.595	267.141	25.343	0.19067	3.16025	19	X
A9532	15.3	0.15	K232P	27.034	98.716	333.672	5.166	0.25852	2.59026	15	X
B0441	14.8	0.15	K232P	15.042	131.231	20.427	13.357	0.18330	2.54577	18	X
B1332	15.0	0.15	K232P	347.096	41.274	245.850	15.784	0.19079	2.74710	19	X
B1828	15.8	0.15	K232P	344.812	74.263	113.018	24.965	0.08708	1.90676	16	X
B2637	15.1	0.15	K232P	147.716	274.050	218.920	13.945	0.10183	2.63419	19	X
B4600	14.5	0.15	K232P	124.645	36.698	315.848	13.983	0.13122	2.55149	17	X
B4938	14.5	0.15	K232P	248.158	271.027	350.008	11.781	0.14306	3.12149	18	X
B5393	16.1	0.15	K232P	328.645	208.186	312.113	5.453	0.03968	2.36196	18	X
B6865	15.7	0.15	K232P	301.127	173.967	166.354	23.788	0.10926	2.35281	18	X
B7448	16.5	0.15	K232P	326.495	12.475	160.927	2.540	0.14783	2.35592	19	X
B8026	14.4	0.15	K232P	59.832	39.808	352.381	3.900	0.33840	3.06334	18	X
B8031	15.2	0.15	K232P	11.215	114.524	4.173	4.519	0.07036	2.52406	19	X
B8261	15.5	0.15	K232P	347.137	25.792	120.997	4.723	0.19613	2.61957	17	X
B8691	15.2	0.15	K232P	216.351	182.454	106.814	8.208	0.18065	2.53609	18	X
B9163	16.1	0.15	K232P	341.178	178.993	118.804	4.387	0.18117	2.37955	17	X
B9711	15.7	0.15	K232P	41.544	258.301	166.933	3.147	0.18591	2.60852	19	X
C0631	15.0	0.15	K232P	275.155	163.969	72.329	2.015	0.14349	3.13797	21	X
C0995	15.3	0.15	K232P	325.394	192.531	336.207	24.844	0.18931	2.27565	15	X
C1105	15.6	0.15	K232P	273.789	132.394	113.479	4.153	0.25217	2.56419	18	X
C1177	15.2	0.15	K232P	197.561	270.498	187.014	24.525	0.27366	2.45287	14	X
C1939	14.2	0.15	K232P	348.069	76.040	130.076	20.731	0.24205	3.18647	19	X
C2568	15.5	0.15	K232P	228.943	301.442	338.190	23.764	0.20187	2.29031	16	X
C3462	15.3	0.15	K232P	16.513	332.697	134.877	14.133	0.13042	2.65152	17	X
C3496	14.6	0.15	K232P	333.457	124.655	97.433	28.731	0.17238	2.59446	17	X
C3698	14.0	0.15	K232P	334.581	83.948	141.739	26.182	0.23395	3.09880	19	X
C3763	16.2	0.15	K232P	352.842	87.283	115.781	25.195	0.10873	1.95317	15	X
C4740	16.4	0.15	K232P	11.027	100.135	14.651	6.464	0.07814	2.25457	16	X
C5520	16.0	0.15	K232P	257.766	207.524	33.717	3.188	0.08038	2.26760	15	X
C5592	15.1	0.15	K232P	59.654	23.965	32.424	3.307	0.13532	2.58546	16	X
C5914	16.1	0.15	K232P	343.124	163.486	64.102	3.813	0.16216	2.23113	17	X
C6135	15.8	0.15	K232P	344.407	109.410	36.419	5.867	0.08474	2.29178	14	X
C6333	15.5	0.15	K232P	321.370	117.963	134.865	16.987	0.22516	2.56463	16	X
C6548	15.1	0.15	K232P	310.477	86.655	105.500	2.277	0.12970	3.04513	17	X
C7521	15.1	0.15	K232P	173.568	239.605	241.442	23.219	0.32906	2.37630	16	X
C7968	15.7	0.15	K232P	357.473	143.787	344.617	3.615	0.09597	2.57951	14	X
C8450	15.7	0.15	K232P	60.711	76.525	331.348	21.766	0.16507	2.30058	12	X
C8855	15.6	0.15	K232P	8.647	340.323	134.936	13.567	0.16097	2.64519	16	X
C9567	15.8	0.15	K232P	293.841	208.003	2.712	7.845	0.12161	2.69475	16	X
C9626	16.6	0.15	K232P	121.892	286.973	208.281	21.222	0.08157	1.94327	16	X
D0340	15.2	0.15	K232P	68.669	23.726	175.962	17.473	0.15790	3.09372	17	X
D1076	15.4	0.15	K232P	0.153	321.497	158.380	7.551	0.22723	2.69327	15	X
D1163	15.2	0.15	K232P	252.664	278.484	324.318	11.644	0.09476	2.70286	18	X
D1465	17.0	0.15	K232P	299.519	144.228	181.128	22.840	0.08479	1.96347	13	X
D2599	15.8	0.15	K232P	335.296	222.728	82.766	12.784	0.16250	2.53490	19	X
D2662	15.3	0.15	K232P	246.137	280.998	74.307	2.272	0.16496	3.09930	18	X
D4169	16.3	0.15	K232P	299.579	70.513	127.799	7.410	0.09311	2.36329	18	X
D4256	14.2	0.15	K232P	318.599	83.873	161.197	16.511	0.25464	3.16712	20	X
D4527	15.7	0.15	K232P	352.873	73.712	188.489	23.354	0.21438	2.28655	15	X
D5414	14.1	0.15	K232P	245.345	196.249	231.866	22.690	0.16233	3.18273	18	X
D6108	0.2	0.15	K232P	219.493	240.422	122.031	28.210	0.20003	42.90822	29	X
D6472	-0.2	0.15	K232P	167.574	295.824	79.361	29.018	0.16613	45.26488	26	X
D6507	16.0	0.15	K232P	349.434	166.372	332.928	5.033	0.06738	2.41979	17	X
D7170	14.6	0.15	K232P	171.463	253.405	155.859	25.658	0.46250	0.81916	22	X
D7231	16.3	0.15	K232P	277.112	202.129	179.294	23.035	0.22314	2.27902	15	X
D8523	14.5	0.15	K232P	348.480	21.157	289.062	16.227	0.17877	3.17670	17	X
D8631	15.1	0.15	K232P	305.919	228.547	331.840	30.550	0.21417	2.55933	16	X
D9012	15.8	0.15	K232P	215.077	133.849	148.761	6.989	0.16124	2.40477	17	X
E0948	14.8	0.15	K232P	57.846	267.519	136.125	14.562	0.27747	2.99918	16	X
E4924	14.9	0.15	K232P	263.313	275.982	338.607	17.876	0.22873	2.76390	16	X
E8019	14.6	0.15	K232P	157.968	242.262	259.352	22.239	0.32621	2.74465	19	X
E9462	16.1	0.15	K232P	286.864	65.547	146.813	15.228	0.05577	2.54863	16	X
F0581	14.8	0.15	K232P	8.091	141.341	340.599	9.817	0.05400	3.02068	16	X
F1888	15.6	0.15	K232P	7.387	351.659	153.775	28.049	0.33764	2.16829	14	X
F2889	16.6	0.15	K232P	261.237	222.459	141.763	41.556	0.64095	1.67935	19	X
F3599	15.4	0.15	K232P	7.412	289.661	180.569	4.490	0.14851	2.56814	14	X
F3880	15.8	0.15	K232P	78.237	279.351	134.009	3.118	0.01828	2.57100	16	X
F4798	15.4	0.15	K232P	55.357	92.273	336.976	21.401	0.02944	2.57688	11	X
F4893	15.0	0.15	K232P	336.773	178.259	341.131	8.444	0.01689	3.10946	17	X
F5867	14.7	0.15	K232P	353.198	358.856	141.363	23.872	0.14040	3.14127	17	X
F6655	17.0	0.15	K232P	37.769	340.218	232.332	21.153	0.03469	1.88533	14	X
F7961	15.3	0.15	K232P	16.582	47.090	62.075	4.066	0.13139	3.23048	18	X
F8417	15.8	0.15	K232P	314.001	87.409	99.816	3.764	0.10486	2.60050	18	X
F8834	17.0	0.15	K232P	121.387	313.613	184.926	20.310	0.04599	1.89356	12	X
F8851	16.1	0.15	K232P	214.888	142.809	235.485	5.844	0.18759	2.49486	18	X
F9699	17.7	0.15	K232P	60.842	332.191	151.269	16.806	0.71569	1.69676	13	X
F9889	16.0	0.15	K232P	356.419	92.695	54.884	40.025	0.23078	1.72135	12	X
G0609	16.2	0.15	K232P	313.157	99.488	213.920	20.779	0.07068	1.93422	14	X
G2188	16.5	0.15	K232P	66.742	346.111	208.094	21.714	0.04849	1.92811	15	X
G2471	14.6	0.15	K232P	3.042	54.800	228.668	26.064	0.10000	3.12969	16	X
G2820	15.4	0.15	K232P	306.529	221.599	336.475	11.053	0.13257	2.69007	15	X
G2898	16.4	0.15	K232P	140.599	255.048	223.132	20.048	0.08530	1.93118	15	X
G2997	14.5	0.15	K232P	239.208	212.087	223.762	25.696	0.16021	3.19349	17	X
G3174	15.6	0.15	K232P	357.873	324.869	165.271	23.754	0.16971	2.33521	16	X
G5109	15.0	0.15	K232P	340.100	72.979	229.030	20.569	0.19014	3.13292	17	X
G6804	16.6	0.15	K232P	240.334	152.787	243.411	19.284	0.08779	1.91509	14	X
G6910	16.3	0.15	K232P	319.281	98.983	191.830	22.367	0.03985	1.96083	14	X
G8411	15.4	0.15	K232P	319.939	39.985	146.016	6.042	0.18798	2.96999	17	X
G9178	15.2	0.15	K232P	229.092	240.745	200.079	15.457	0.21092	3.16853	14	X
G9187	15.0	0.15	K232P	243.583	179.566	249.884	26.528	0.11442	3.14843	17	X

H1605	16.1	0.15	K232P	210.604	225.121	217.002	12.238	0.14585	2.58126	16	X
H1628	15.4	0.15	K232P	335.770	72.843	168.131	5.184	0.10754	2.71020	16	X
H4412	15.9	0.15	K232P	119.663	207.630	234.992	7.192	0.32125	2.78994	14	X
H9071	15.9	0.15	K232P	224.762	126.191	237.456	4.979	0.07461	2.77540	16	X
I0192	16.2	0.15	K232P	186.776	254.077	213.757	23.262	0.20577	2.26075	14	X
I0384	16.2	0.15	K232P	336.050	178.676	342.441	9.838	0.20731	2.41722	13	X
I4387	15.7	0.15	K232P	78.032	301.919	248.352	15.387	0.13585	2.65239	17	X
I4612	17.0	0.15	K232P	317.174	190.374	142.314	5.934	0.24102	2.35688	17	X
I5601	16.4	0.15	K232P	296.268	113.033	90.850	6.212	0.09044	2.42265	18	X
J0652	15.7	0.15	K232P	24.935	111.822	345.010	14.705	0.15265	2.67208	14	X
J4386	16.9	0.15	K232P	353.210	280.418	248.259	13.681	0.61342	2.30228	18	X
K3416	16.7	0.15	K232P	66.099	272.023	140.406	5.911	0.10270	2.30441	16	X
K4261	14.9	0.15	K232P	149.279	263.203	241.828	23.563	0.29791	3.16294	16	X
L1507	16.2	0.15	K232P	309.249	87.811	170.989	22.604	0.23030	2.27408	13	X
L1577	16.4	0.15	K232P	333.452	258.481	43.135	6.085	0.19012	2.23657	16	X
L3180	12.6	0.15	K232P	12.971	50.438	238.412	25.571	0.15599	5.16859	19	X
L4078	15.4	0.15	K232P	344.060	353.271	158.336	11.760	0.09595	2.89840	17	X
L5152	16.9	0.15	K232P	232.265	175.867	228.028	19.976	0.07770	1.93927	12	X
L5319	12.5	0.15	K232P	4.566	59.780	240.009	27.771	0.07166	5.16052	17	X
L5628	16.7	0.15	K232P	240.279	294.137	65.986	6.537	0.23527	2.27995	14	X
L9481	15.8	0.15	K232P	302.334	239.963	341.409	22.518	0.32295	2.40405	13	X
M1671	15.1	0.15	K232P	329.675	173.382	355.275	9.738	0.13190	3.09555	17	X
M5325	16.7	0.15	K232P	332.068	89.522	77.922	5.451	0.18488	2.62336	15	X
M5899	15.7	0.15	K232P	357.959	107.404	80.272	30.216	0.31418	2.56883	12	X
M5944	15.8	0.15	K232P	327.020	159.053	15.362	8.817	0.19141	2.60020	18	X
M6953	15.9	0.15	K232P	2.228	32.679	232.684	13.848	0.23325	2.93525	15	X
N2215	15.4	0.15	K232P	317.265	94.269	169.404	27.298	0.23942	2.61617	11	X
N7391	17.5	0.15	K232P	343.694	102.639	115.329	24.725	0.16124	1.87572	10	X
O0269	14.6	0.15	K232P	129.930	267.313	251.769	23.878	0.25003	3.19093	13	X
O1774	15.4	0.15	K232P	337.052	129.756	157.884	35.312	0.29360	2.67533	13	X
O3219	14.5	0.15	K232P	2.012	0.343	276.189	28.726	0.05992	2.66249	16	X
O3923	14.8	0.15	K232P	288.143	115.939	275.832	27.041	0.34797	2.67500	10	X
O5781	16.1	0.15	K232P	353.271	285.553	355.519	12.162	0.24102	2.56059	14	X
O5807	17.2	0.15	K232P	343.609	69.838	216.884	12.438	0.18564	2.57554	12	X
O6530	13.2	0.15	K232P	344.255	121.997	194.310	24.692	0.10053	5.21176	16	X
O7171	15.2	0.15	K232P	8.147	149.025	328.345	12.196	0.16390	3.12512	13	X
O8584	16.4	0.15	K232P	294.401	232.386	349.896	22.812	0.24587	2.28080	13	X
O8979	13.1	0.15	K232P	334.326	146.255	182.973	30.181	0.09912	5.26393	18	X
O9874	15.3	0.15	K232P	322.668	70.024	260.661	24.255	0.06066	2.69387	17	X
P3769	15.7	0.15	K232P	171.765	218.307	264.269	23.336	0.20894	2.28689	14	X
P4107	17.3	0.15	K232P	51.234	343.446	225.787	20.255	0.04687	1.92006	12	X
P4339	15.5	0.15	K232P	8.747	133.755	339.272	14.119	0.22531	3.18503	12	X
P7907	17.5	0.15	K232P	123.315	285.856	209.322	21.247	0.13076	1.89384	13	X
P9679	15.7	0.15	K232P	212.348	163.484	270.009	21.251	0.04169	2.62583	15	X
Q1442	16.3	0.15	K232P	354.237	356.522	139.873	5.826	0.07112	2.56162	13	X
Q6405	15.3	0.15	K232P	2.318	15.279	112.928	6.260	0.08366	3.12567	15	X
Q7165	15.3	0.15	K232P	113.912	287.727	234.625	15.280	0.19445	3.08103	14	X
Q7871	16.4	0.15	K232P	198.639	265.289	192.627	22.153	0.29179	2.29136	12	X
R0285	15.6	0.15	K232P	110.550	284.937	246.833	23.849	0.12339	2.77347	14	X
R3981	16.0	0.15	K232P	324.200	152.132	175.167	13.992	0.21102	2.98766	14	X
R4109	17.1	0.15	K232P	242.324	220.643	157.550	23.598	0.06567	1.98867	14	X
R5632	16.9	0.15	K232P	2.889	86.465	163.059	24.145	0.11969	1.98410	13	X
R5677	19.2	0.15	K232P	97.893	301.701	172.166	17.100	0.32049	1.28018	10	X
R6732	17.7	0.15	K232P	262.731	226.707	172.418	40.832	0.78086	1.47096	17	X
S0249	15.1	0.15	K232P	256.926	186.150	229.272	17.155	0.12214	3.10334	14	X
S1882	15.1	0.15	K232P	201.364	250.558	213.806	26.193	0.18400	3.08898	12	X
S3510	13.0	0.15	K232P	343.045	105.375	227.852	20.472	0.09403	5.15148	16	X
S6758	17.4	0.15	K232P	31.531	44.362	188.268	13.072	0.11051	2.53988	13	X
S8898	17.0	0.15	K232P	118.599	323.594	180.438	22.123	0.06656	1.96807	12	X
T5207	13.4	0.15	K232P	254.898	207.096	211.245	23.029	0.09103	5.18762	14	X
T6513	13.6	0.15	K232P	334.069	144.473	189.600	26.967	0.07599	5.26771	14	X
T7839	16.0	0.15	K232P	329.478	76.149	157.492	28.786	0.36624	2.60175	12	X
T9210	16.6	0.15	K232P	212.587	238.042	193.609	21.495	0.06758	2.59331	13	X
T9711	14.9	0.15	K232P	31.065	84.408	170.299	32.507	0.07021	3.23414	16	X
U1671	17.3	0.15	K232P	318.883	27.245	241.731	0.795	0.17173	2.61100	13	X
U6784	16.7	0.15	K232P	66.191	358.055	195.436	13.890	0.18617	2.60420	13	X
U7064	17.4	0.15	K232P	279.679	173.509	120.118	23.201	0.14432	1.61690	15	X
U7412	16.9	0.15	K232P	287.076	91.192	231.791	3.307	0.27377	2.65027	11	X
U9987	16.7	0.15	K232P	316.485	202.067	64.281	10.009	0.04238	2.75828	12	X
V0728	15.9	0.15	K232P	261.225	257.443	169.472	28.259	0.39774	2.61296	12	X
V3521	15.6	0.15	K232P	286.161	121.210	257.088	30.045	0.25534	2.63643	12	X
V4584	15.8	0.15	K232P	353.906	348.096	144.196	16.259	0.22178	3.17782	13	X
V7131	16.7	0.15	K232P	240.756	161.064	228.069	19.091	0.11001	1.98142	15	X
W7163	17.5	0.15	K232P	317.578	111.573	200.591	20.216	0.16167	2.29037	11	X
X4089	15.8	0.15	K232P	313.049	174.605	170.479	17.920	0.20172	3.11262	15	X
X5032	17.4	0.15	K232P	8.140	58.227	185.576	22.171	0.05928	1.95547	12	X
X5657	15.0	0.15	K232P	321.134	175.763	157.857	22.313	0.19814	3.17569	15	X
X6790	16.9	0.15	K232P	145.850	309.940	174.134	22.965	0.08908	1.98141	11	X
X7509	15.9	0.15	K232P	261.330	222.364	188.534	27.559	0.18185	3.15138	13	X
X7874	13.2	0.15	K232P	335.205	116.274	218.580	24.937	0.02051	5.26508	17	X
X7927	15.5	0.15	K232P	304.910	121.256	231.586	14.616	0.12735	3.18457	14	X
X8332	15.4	0.15	K232P	135.710	273.731	247.905	21.708	0.00873	3.11386	13	X
X8345	13.6	0.15	K232P	333.620	97.236	240.539	22.613	0.10210	5.16430	13	X
Y1367	16.0	0.15	K232P	298.454	155.545	210.279	22.137	0.11997	3.13757	11	X
Y6245	13.9	0.15	K232P	3.516	112.631	180.805	30.073	0.11222	5.13558	12	X
Y8508	16.2	0.15	K232P	230.871	224.842	213.920	24.465	0.21643	2.78468	11	X
Y9965	15.8	0.15	K232P	129.547	268.448	245.708	25.246	0.13604	2.53826	13	X
Z1211	16.2	0.15	K232P	321.759	141.774	106.421	24.306	0.22286	2.17457	12	X
Z6346	16.6	0.15	K232P	321.637	160.329	164.103	14.168	0.30239	2.67236	13	X
a0631	16.1	0.15	K232P	20.801	78.566	179.122	25.036	0.10428	2.72095	11	X
a3625	16.1	0.15	K232P	315.056	109.588	238.511	25.639	0.27585	2.83959	10	X
a4362	16.7	0.15	K232P	186.398	257.315	207.746	20.951	0.05976	2.68107	11	X
a9881	13.3	0.15	K232P	87.720	326.090	250.949	27.079	0.04143	5.16331	13	X

b3319	16.1	0.15	K232P	287.051	248.476	62.521	10.706	0.13903	3.11512	14	X
b5556	15.7	0.15	K232P	173.184	247.347	235.774	25.373	0.20039	3.07743	13	X
b7241	16.3	0.15	K232P	221.245	182.779	255.520	25.113	0.17346	2.29607	13	X
b8404	16.7	0.15	K232P	273.928	148.232	180.130	0.617	0.16103	3.17732	12	X
b8832	15.8	0.15	K232P	157.936	260.629	229.529	25.009	0.26943	3.15535	9	X
b9665	16.2	0.15	K232P	345.134	168.593	338.789	15.112	0.20111	2.56597	10	X
c0533	15.4	0.15	K232P	140.594	258.747	251.099	24.196	0.22770	3.19038	11	X
c1987	13.7	0.15	K232P	330.865	127.699	217.115	26.520	0.08853	5.33563	12	X
c7882	17.6	0.15	K232P	356.132	60.307	198.623	21.675	0.04077	1.96934	13	X
d1641	17.6	0.15	K232P	216.996	226.394	201.576	23.593	0.17861	1.94788	10	X
d2283	15.5	0.15	K232P	223.385	178.831	269.759	26.781	0.12597	3.11400	10	X
d3510	16.8	0.15	K232P	338.862	59.174	231.070	23.803	0.27643	2.61489	8	X
d3581	17.1	0.15	K232P	287.789	126.801	237.238	12.688	0.16764	2.53510	11	X
d4130	17.2	0.15	K232P	351.434	341.994	40.582	33.596	0.96861	2.58765	7	X
d6730	18.4	0.15	K232P	346.475	28.340	94.271	23.615	0.57884	1.33443	7	X
d6793	20.1	0.15	K232P	189.953	179.929	228.330	19.765	0.60845	1.06772	8	X
d7569	16.3	0.15	K232P	266.116	171.317	219.986	13.072	0.16030	2.58256	12	X
d9471	16.5	0.15	K232P	272.260	179.344	208.236	13.055	0.18311	2.62134	13	X
d9821	17.3	0.15	K232P	337.408	93.249	212.825	16.417	0.35988	2.74309	8	X
e0361	17.1	0.15	K232P	176.255	255.003	206.718	21.684	0.02990	2.58607	10	X
e4996	16.6	0.15	K232P	321.559	157.969	173.559	21.885	0.21871	2.77288	13	X
f2394	14.0	0.15	K232P	283.359	186.811	207.715	27.264	0.06345	5.14901	10	X
f8771	15.2	0.15	K232P	64.553	310.840	249.500	27.069	0.20245	3.19707	13	X
g2749	15.8	0.15	K232P	321.416	140.776	184.763	25.558	0.05219	3.17248	10	X
h0409	16.3	0.15	K232P	275.198	204.581	184.611	27.127	0.14754	3.18249	12	X
h3003	15.8	0.15	K232P	278.658	209.027	181.939	27.531	0.15627	3.15284	10	X
h3652	17.1	0.15	K232P	77.715	69.958	61.789	7.136	0.06870	2.45507	12	X
h4786	18.1	0.15	K232P	356.969	325.136	132.930	35.905	0.65130	1.38128	12	X
h7338	19.2	0.15	K232P	312.733	117.306	184.423	21.644	0.08694	1.85041	7	X
i2155	17.6	0.15	K232P	319.924	59.880	242.068	19.553	0.07240	1.91714	9	X
i4777	17.6	0.15	K232P	324.310	116.585	180.303	23.401	0.05088	1.93865	10	X
i5678	17.5	0.15	K232P	271.428	90.590	245.206	9.640	0.21864	2.67110	8	V
i6277	17.7	0.15	K232P	204.051	261.528	169.283	22.523	0.12132	1.91810	11	X
i8789	16.8	0.15	K232P	226.828	214.214	199.896	21.686	0.04462	2.59930	10	X
i9254	16.9	0.15	K232P	4.667	71.098	192.733	11.674	0.14391	2.68443	15	X
i9578	17.2	0.15	K232P	334.770	83.760	217.979	12.072	0.18519	2.63768	11	X
j0383	16.6	0.15	K232P	205.994	230.884	217.105	20.870	0.09997	2.62426	11	X
j1494	16.5	0.15	K232P	192.578	219.144	228.160	21.206	0.05052	2.65356	10	X
j2474	18.5	0.15	K232P	345.953	83.873	108.165	34.114	0.48783	1.77582	6	X
j6211	18.0	0.15	K232P	277.074	123.317	237.264	17.131	0.11821	1.96749	10	X
j8047	16.3	0.15	K232P	59.370	336.762	244.781	14.604	0.04835	2.96251	12	X
k3120	16.4	0.15	K232P	277.250	124.888	245.104	28.941	0.01315	2.64023	10	X
k7198	15.8	0.15	K232P	47.207	37.990	190.119	26.096	0.14037	3.18329	11	X
m0975	18.2	0.15	K232P	182.288	148.357	241.939	20.032	0.09229	1.88383	7	X
m2339	18.7	0.15	K232P	127.149	255.237	233.415	20.775	0.07435	1.83977	7	X
m2567	17.7	0.15	K232P	199.555	314.188	72.963	1.850	0.11890	2.58004	9	X
m5132	17.6	0.15	K232P	324.542	0.952	277.460	18.171	0.06979	1.89463	9	X
m5973	18.0	0.15	K232P	336.927	108.139	173.103	22.357	0.06611	1.91811	8	X
m8453	19.2	0.15	K232P	317.986	249.453	96.103	4.310	0.73402	2.34627	7	X
m9502	16.7	0.15	K232P	19.047	26.194	218.011	18.525	0.27585	2.99041	8	X
n1536	18.4	0.15	K232P	241.082	175.754	210.416	19.890	0.07928	1.92169	8	X
n1567	18.0	0.15	K232P	349.908	35.286	112.991	15.902	0.52811	1.57473	10	X
n3049	16.4	0.15	K232P	196.222	225.508	232.461	14.227	0.11239	2.83717	9	X
n3657	18.1	0.15	K232P	142.945	288.495	191.450	21.607	0.07120	1.93788	9	X
n5185	18.0	0.15	K232P	233.187	188.326	210.389	21.845	0.10040	2.00681	8	X
n6801	17.8	0.15	K232P	37.086	355.530	219.650	22.514	0.09962	1.99821	8	X
p0065	16.5	0.15	K232P	17.408	326.881	273.196	41.409	0.15561	2.18213	8	X
p0153	18.2	0.15	K232P	241.880	134.771	222.315	1.602	0.22022	2.28880	10	X
p3125	18.3	0.15	K232P	308.726	150.181	177.205	5.922	0.65323	2.03167	6	X
p9018	17.2	0.15	K232P	18.503	5.219	234.146	13.187	0.20279	2.59843	9	X
q1679	16.9	0.15	K232P	250.646	193.402	206.667	21.570	0.01686	2.64255	11	X
q3979	15.8	0.15	K232P	29.052	75.640	178.898	15.618	0.05749	3.19681	14	X
q5422	17.1	0.15	K232P	336.439	93.521	136.690	23.610	0.29646	2.34375	8	X
q5616	16.3	0.15	K232P	339.646	72.906	237.428	25.240	0.27291	3.23167	8	X
q6481	16.6	0.15	K232P	328.929	145.975	174.655	28.041	0.22798	3.18132	9	X
q7534	18.6	0.15	K232P	306.689	90.010	219.494	19.036	0.10938	1.94103	7	X
q9858	18.7	0.15	K232P	243.165	193.430	190.487	21.971	0.09159	1.90285	6	X
r1667	16.3	0.15	K232P	316.591	129.398	213.410	26.158	0.21388	3.21871	6	X
r5884	18.2	0.15	K232P	78.124	282.036	201.520	0.628	0.13729	2.38191	9	X
r7754	18.1	0.15	K232P	349.237	50.144	219.799	20.458	0.04974	1.97725	6	X
s2959	18.4	0.15	K232P	46.400	44.328	149.376	24.410	0.07437	1.86305	9	X
s2974	18.1	0.15	K232P	313.407	142.429	152.319	23.080	0.07490	1.85299	9	X
s7353	16.1	0.15	K232P	82.982	333.104	225.478	25.726	0.14106	3.32711	10	X
t1867	13.6	0.15	K232P	322.848	126.513	229.181	25.490	0.05351	5.20559	8	X
t2631	16.1	0.15	K232P	227.962	233.518	209.760	26.452	0.19507	3.10795	11	X
t7182	14.0	0.15	K232P	321.888	127.198	222.422	27.172	0.07216	5.09099	13	X
v6250	17.7	0.15	K232P	49.135	348.580	226.536	23.173	0.14000	2.29020	9	X
v9650	13.7	0.15	K232P	327.549	112.921	235.589	21.045	0.06532	5.12195	12	X
x6049	16.9	0.15	K232P	93.208	260.211	225.693	2.328	0.03744	3.01978	14	X
x6429	18.9	0.15	K232P	290.534	104.271	223.743	19.778	0.11042	1.89660	6	X
y0331	18.4	0.15	K232P	161.678	222.505	234.624	20.558	0.08506	1.82068	6	X
y1881	18.7	0.15	K232P	311.864	90.394	219.117	17.530	0.07999	1.87971	5	X
y3461	18.0	0.15	K232P	217.380	305.882	65.436	7.544	0.14278	2.31835	9	X
y3650	17.7	0.15	K232P	50.876	15.234	189.266	23.219	0.16566	2.35356	7	X
y6616	17.3	0.15	K232P	317.283	138.547	190.830	12.819	0.18135	2.74765	6	X
z0105	17.4	0.15	K232P	196.162	323.912	65.313	7.604	0.12777	2.48023	10	X

New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
K01TQ4N	18.6	0.15	K232P	64.036	2.678	194.527	22.667	0.03868	1.97726	7	X
K01UK0W	17.2	0.15	K232P	239.986	213.058	208.349	25.212	0.14520	2.72523	8	X
K02EG5M	17.4	0.15	K232P	311.121	124.196	162.387	23.021	0.16585	2.27050	8	X
K02H19G	17.2	0.15	K232P	0.862	33.293	189.023	28.390	0.12256	2.58545	8	X

K02L65F	17.2	0.15	K232P	309.932	180.643	162.205	26.387	0.24924	2.59588	12	X
K02N790	15.7	0.15	K232P	354.814	70.427	112.286	22.413	0.03849	2.69127	12	X
K020360	17.0	0.15	K232P	344.620	103.920	173.884	29.205	0.24604	2.60627	8	X
K02P08F	18.5	0.15	K232P	306.677	126.149	146.005	24.669	0.04216	1.91533	8	X
K02RI1C	16.3	0.15	K232P	338.369	72.449	176.727	28.114	0.06792	2.68026	13	X
K02V5E5N	16.2	0.15	K232P	299.453	132.757	218.946	22.236	0.07604	3.10802	12	X
K04D73S	18.1	0.15	K232P	3.108	29.306	145.690	10.304	0.13984	2.80313	5	V
K04E00Y	17.8	0.15	K232P	120.069	303.652	144.907	24.248	0.06902	1.91992	9	X
K04F05L	18.3	0.15	K232P	347.773	46.073	174.498	22.461	0.07840	1.93297	7	X
K04P26X	18.0	0.15	K232P	227.673	207.645	147.558	23.720	0.06657	1.96501	10	X
K06C86M	14.0	0.15	K232P	15.639	125.294	161.285	27.750	0.02259	5.26464	9	X
K06D41Y	16.5	0.15	K232P	349.235	103.096	127.845	22.968	0.47136	3.14129	6	X
K06S99X	16.6	0.15	K232P	344.371	99.265	201.113	25.243	0.20257	3.23612	7	X
K07HB6Y	17.7	0.15	K232P	321.508	68.435	205.434	6.662	0.21414	3.00602	3	X
K07RX4U	18.8	0.15	K232P	8.247	47.809	194.548	21.195	0.06767	1.95374	6	X
K07TT4G	16.3	0.15	K232P	244.640	243.598	180.653	26.860	0.22425	3.10593	10	X
K07Vb0R	17.6	0.15	K232P	308.016	100.505	240.987	26.751	0.12601	2.58120	6	X
K07W40W	16.3	0.15	K232P	314.812	159.360	64.628	18.038	0.19575	2.75610	11	X
K08J55G	18.7	0.15	K232P	333.767	166.335	77.741	6.483	0.19832	2.41906	4	X
K08P22W	18.6	0.15	K232P	296.683	163.784	135.457	0.574	0.19884	2.46399	8	X
K08SV4M	16.7	0.15	K232P	314.163	36.444	241.052	3.750	0.12071	3.12007	10	X
K08US8F	16.5	0.15	K232P	304.683	134.441	210.820	19.948	0.11907	3.02104	11	X
K08Ub6E	17.3	0.15	K232P	357.426	110.387	56.151	27.883	0.23355	2.66804	7	X
K09BK1Q	17.3	0.15	K232P	353.399	86.344	148.675	24.533	0.18087	2.67436	8	X
K09DE6S	17.6	0.15	K232P	52.255	10.022	127.034	24.871	0.17849	2.28583	7	X
K09L07L	17.4	0.15	K232P	17.095	359.338	237.977	22.874	0.12198	2.27238	7	X
K09UD1B	17.0	0.15	K232P	276.390	133.746	249.115	22.762	0.22913	2.34065	7	X
K10A53W	18.2	0.15	K232P	7.017	56.821	135.757	21.966	0.18725	2.15370	6	X
K10C05W	18.1	0.15	K232P	120.618	268.677	146.926	25.004	0.34077	3.17418	2	V
K10H33D	18.3	0.15	K232P	0.148	50.387	165.054	24.428	0.51554	2.61960	5	X
K10J90Z	16.4	0.15	K232P	265.655	180.373	213.130	14.011	0.09963	3.04573	10	X
K10K11J	15.7	0.15	K232P	348.278	26.003	256.349	36.897	0.37710	2.55380	8	X
K10L38X	15.7	0.15	K232P	165.566	326.980	156.597	28.393	0.13968	3.12743	12	X
K10OC6H	21.3	0.15	K232P	313.894	174.964	97.554	14.318	0.49789	1.89018	2	X
K10TK5Q	18.8	0.15	K232P	252.093	165.451	210.187	21.922	0.07286	1.91487	6	X
K11A57B	16.2	0.15	K232P	62.327	9.341	150.749	28.658	0.12158	3.17254	10	X
K11B56U	17.6	0.15	K232P	245.838	257.818	150.755	22.241	0.21519	2.27923	10	X
K11E84K	16.0	0.15	K232P	38.400	348.912	237.417	13.673	0.20870	3.05135	13	X
K11E94L	16.7	0.15	K232P	26.989	17.435	174.234	28.903	0.14864	3.17973	7	X
K11G92H	16.1	0.15	K232P	274.208	161.739	170.176	27.103	0.13024	3.22531	9	X
K11L04A	16.2	0.15	K232P	89.773	328.556	232.047	26.125	0.05256	3.12602	9	X
K11L11Q	16.4	0.15	K232P	332.233	90.561	230.080	12.562	0.26089	3.18451	7	X
K11M16M	17.8	0.15	K232P	339.247	124.967	122.110	8.724	0.17202	2.55216	5	V
K11P02U	18.1	0.15	K232P	287.909	247.262	66.038	6.908	0.21167	2.57722	4	X
K11S29D	17.8	0.15	K232P	303.366	237.896	63.336	13.598	0.27428	2.61620	5	X
K11U47J	16.9	0.15	K232P	334.352	74.756	229.978	13.560	0.11036	2.60073	11	X
K12F67R	15.4	0.15	K232P	312.338	167.152	59.723	20.793	0.10541	3.14644	11	X
K12G40K	16.5	0.15	K232P	331.576	99.891	104.372	15.932	0.24115	3.18492	6	X
K12H24B	16.3	0.15	K232P	345.247	67.168	173.201	26.762	0.20484	3.08735	7	X
K12H32X	18.7	0.15	K232P	102.695	304.936	201.816	20.920	0.08016	1.90750	9	X
K12K25J	18.3	0.15	K232P	283.669	118.234	173.387	22.937	0.06476	1.97325	9	X
K12K53F	16.4	0.15	K232P	301.671	152.798	145.802	28.403	0.19732	3.22634	6	X
K12K53V	16.8	0.15	K232P	10.010	62.061	188.578	26.466	0.27877	3.05003	6	X
K12S19H	17.0	0.15	K232P	354.405	104.936	190.820	18.178	0.15868	3.18648	4	X
K12T51V	14.0	0.15	K232P	326.194	87.061	266.301	24.998	0.07609	5.29006	5	X
K12TC7V	17.4	0.15	K232P	331.624	58.975	243.904	21.543	0.23572	2.39680	7	X
K12TW4J	14.5	0.15	K232P	338.152	117.447	217.266	28.045	0.07836	5.23580	7	X
K12Tc9S	16.6	0.15	K232P	358.677	61.723	219.303	26.006	0.17071	3.23428	3	X
K13K06U	18.3	0.15	K232P	36.555	47.612	114.151	23.289	0.03377	1.85492	7	X
K13P02R	18.3	0.15	K232P	136.792	294.314	139.283	23.981	0.08021	1.88347	7	X
K13RG4L	16.7	0.15	K232P	307.601	126.402	175.469	26.971	0.17476	3.12332	10	X
K13S16H	18.8	0.15	K232P	294.921	101.940	183.854	21.893	0.06220	1.88831	8	X
K13S45D	18.9	0.15	K232P	162.061	270.786	182.695	21.944	0.05389	1.86632	6	X
K13S52F	17.9	0.15	K232P	92.461	292.432	188.912	23.870	0.11639	1.92899	9	X
K14C21J	17.8	0.15	K232P	33.273	277.537	235.594	4.775	0.29827	2.63419	6	X
K14D46T	17.7	0.15	K232P	315.265	126.160	175.327	22.931	0.09853	1.98633	8	X
K14DJ9K	18.1	0.15	K232P	355.877	347.823	231.601	5.109	0.18963	2.62343	3	X
K14HW1N	17.6	0.15	K232P	16.617	352.332	255.440	16.484	0.17733	2.61233	4	X
K14J57G	18.1	0.15	K232P	348.984	130.968	134.119	18.425	0.47774	2.72774	3	X
K14JD6S	17.8	0.15	K232P	232.987	150.336	87.585	4.290	0.10583	3.00954	2	V
K14KAIH	17.3	0.15	K232P	355.920	30.285	236.582	13.002	0.23340	2.66437	8	X
K14Q00J	16.7	0.15	K232P	13.142	26.104	234.353	32.975	0.20515	2.65621	8	X
K14Q11M	17.5	0.15	K232P	293.853	167.642	196.549	13.748	0.20479	2.72568	5	X
K14SG7S	16.8	0.15	K232P	262.952	180.405	213.699	25.125	0.13437	2.76318	7	X
K14Sc4R	14.4	0.15	K232P	343.128	138.058	184.073	26.661	0.09069	5.09180	10	X
K14X07E	13.7	0.15	K232P	237.760	177.840	266.193	24.216	0.03445	5.25041	7	X
K14X40G	14.0	0.15	K232P	324.883	103.857	250.943	29.080	0.05672	5.16258	5	X
K14Y52B	18.0	0.15	K232P	286.385	171.973	116.269	23.142	0.06956	1.87991	7	X
K15AF0S	18.9	0.15	K232P	340.324	138.339	95.532	7.177	0.06960	2.36106	4	X
K15BU5A	18.6	0.15	K232P	210.348	223.111	149.439	22.443	0.08455	1.86082	8	X
K15C14B	18.6	0.15	K232P	69.001	14.708	120.145	24.657	0.05161	1.86237	6	X
K15E02Z	18.0	0.15	K232P	41.240	356.263	163.342	24.146	0.19876	2.42027	5	X
K15E06Y	18.3	0.15	K232P	146.854	296.943	130.387	24.332	0.11848	1.86382	6	X
K15Fd4B	19.2	0.15	K232P	292.147	95.851	188.363	22.141	0.05967	1.88542	7	X
K15J01D	20.6	0.15	K232P	199.153	128.112	221.158	19.142	0.22246	1.21803	3	X
K15L20Q	18.3	0.15	K232P	68.296	40.986	141.466	23.200	0.06090	1.91720	7	X
K15MB6H	18.1	0.15	K232P	198.702	239.656	137.977	23.886	0.07642	1.94193	8	X
K15MB8V	17.4	0.15	K232P	307.001	173.977	114.153	34.915	0.19721	2.59891	6	X
K15O30B	18.5	0.15	K232P	316.477	164.351	135.224	23.889	0.07538	1.94125	6	X
K15O75J	18.0	0.15	K232P	203.028	227.321	153.479	24.606	0.09724	1.99320	7	X
K15Q09U	16.3	0.15	K232P	300.738	116.000	252.436	23.273	0.29072	2.58155	7	X
K15R27S	16.8	0.15	K232P	192.085	260.068	197.520	21.638	0.09034	2.65969	9	X
K15TC6P	16.4	0.15	K232P	341.814	129.443	66.611	23.037	0.20172	3.06260	8	X

K15U26J	16.1	0.15	K232P	9.001	103.802	45.103	16.766	0.19261	3.14757	8 X
K15U92T	18.2	0.15	K232P	308.867	145.180	212.456	16.205	0.36405	2.58110	4 X
K15X06Q	18.5	0.15	K232P	319.251	96.666	235.718	26.852	0.39690	2.57089	3 X
K15X920	17.2	0.15	K232P	316.950	95.898	235.408	27.931	0.32861	2.60210	5 X
K15XG8J	15.5	0.15	K232P	221.324	194.030	263.015	33.053	0.19656	2.62864	8 X
K15XU9U	17.9	0.15	K232P	314.713	99.323	246.177	28.113	0.30829	2.57870	4 X
K15Y20V	22.3	0.15	K232P	330.768	136.648	49.032	7.924	0.23970	1.25456	2 X
K16A82M	17.0	0.15	K232P	276.683	136.117	259.997	31.603	0.20832	2.61468	4 X
K16CB4T	16.5	0.15	K232P	330.128	117.086	159.496	26.575	0.22287	3.21001	7 X
K16CN0F	16.0	0.15	K232P	283.187	202.387	114.501	30.319	0.16784	3.19463	8 X
K16CQ9L	16.3	0.15	K232P	359.451	125.942	150.297	27.186	0.17486	3.18872	8 X
K16Ce9D	16.7	0.15	K232P	264.726	192.420	139.719	28.056	0.10665	3.14238	4 X
K16E23Z	15.8	0.15	K232P	25.665	46.201	209.268	21.793	0.04279	3.13826	11 X
K16EI9B	17.6	0.15	K232P	152.769	246.253	212.245	11.425	0.13054	3.09852	6 V
K16EP6D	18.5	0.15	K232P	313.735	72.832	176.301	22.081	0.30548	2.28995	3 X
K16F18G	16.2	0.15	K232P	0.980	97.838	175.085	25.689	0.22230	3.13066	8 X
K16H03V	20.0	0.15	K232P	234.353	145.838	214.128	23.794	0.32816	1.43759	5 X
K16NA6P	18.9	0.15	K232P	323.153	28.886	227.406	1.779	0.13721	2.39673	4 V
K16O00O	20.7	0.15	K232P	307.418	344.179	309.453	17.475	0.46319	2.33452	2 V
K16Q71M	17.8	0.15	K232P	324.522	124.699	177.403	19.716	0.10574	2.34811	6 X
K16UA1J	20.4	0.15	K232P	218.973	109.677	239.975	26.688	0.22103	1.25462	4 X
K16V01K	18.3	0.15	K232P	339.540	108.522	86.991	23.284	0.12635	1.91807	5 X
K17A31T	18.8	0.15	K232P	281.364	166.619	130.565	24.568	0.04420	1.93774	6 X
K17BE6W	18.7	0.15	K232P	28.592	51.039	123.568	24.800	0.06599	1.97682	5 X
K17C39W	17.0	0.15	K232P	347.018	58.536	186.040	28.193	0.22940	3.13895	6 X
K17D33A	18.6	0.15	K232P	66.763	352.799	146.544	23.977	0.07002	1.96769	6 X
K17D89Q	18.5	0.15	K232P	312.634	147.030	158.890	23.283	0.05646	1.89815	5 X
K17DC7A	17.5	0.15	K232P	331.983	68.767	183.566	28.958	0.51707	3.27734	4 X
K17DC7R	16.9	0.15	K232P	332.842	117.725	142.929	26.855	0.24141	3.08746	4 X
K17E08B	16.8	0.15	K232P	196.117	252.415	200.452	21.525	0.07753	2.67589	9 X
K17E48M	17.3	0.15	K232P	342.701	164.320	76.596	11.730	0.17352	3.14041	3 X
K17FC0V	16.8	0.15	K232P	330.882	110.556	161.092	26.345	0.26154	3.14398	7 X
K17FE3H	16.8	0.15	K232P	346.622	73.267	163.054	26.637	0.24331	3.19815	6 X
K17FF8D	16.7	0.15	K232P	348.515	64.316	173.768	26.999	0.17446	3.17282	8 X
K17FH6Z	19.0	0.15	K232P	40.788	0.045	216.119	20.515	0.03820	1.95272	5 X
K17G17U	16.9	0.15	K232P	337.556	109.319	146.557	25.640	0.19120	3.19500	5 X
K17H43S	16.4	0.15	K232P	5.179	22.027	194.879	30.453	0.20875	3.15104	4 X
K17J03F	21.7	0.15	K232P	136.272	130.357	243.238	5.822	0.34924	0.90642	5 X
K17N10P	19.1	0.15	K232P	272.707	225.753	94.383	4.001	0.18371	2.16101	3 X
K17O95Z	18.9	0.15	K232P	291.854	235.770	62.751	5.388	0.18371	2.20360	7 X
K18F64J	17.6	0.15	K232P	333.979	88.891	165.038	24.669	0.14896	2.78518	3 X
K18F64R	17.8	0.15	K232P	16.642	317.690	228.960	7.779	0.23635	2.80134	2 X
K18L03B	21.0	0.15	K232P	324.049	131.824	109.578	17.638	0.27604	1.84009	2 X
K18M12R	18.5	0.15	K232P	244.129	203.828	136.353	24.720	0.05340	1.90372	5 X
K18R24E	16.6	0.15	K232P	322.407	128.939	162.555	27.876	0.24767	3.20482	6 X
K18R29F	16.2	0.15	K232P	306.213	123.315	178.286	26.332	0.18904	3.22566	10 X
K18T16Y	17.2	0.15	K232P	324.138	98.094	238.154	20.148	0.26698	3.12081	4 X
K18V78S	16.4	0.15	K232P	323.111	120.885	221.182	25.113	0.32061	3.08404	5 X
K19C04O	18.8	0.15	K232P	320.731	232.153	152.943	44.690	0.83661	2.84869	3 X
K19F22K	18.8	0.15	K232P	340.602	58.060	183.374	22.232	0.21716	2.39607	3 X
K19G19X	19.9	0.15	K232P	2.657	291.443	211.773	25.724	0.55377	2.55803	3 X
K19J39B	17.3	0.15	K232P	348.735	103.784	76.588	13.843	0.21866	2.65255	7 X
K19J49P	18.8	0.15	K232P	335.329	58.058	235.655	22.674	0.27104	2.38571	3 X
K19K43U	18.8	0.15	K232P	336.109	86.467	157.941	3.512	0.20452	2.54801	3 X
K19L11D	17.5	0.15	K232P	327.273	67.995	201.692	27.481	0.18477	2.54767	5 X
K19L23F	17.5	0.15	K232P	232.733	120.933	269.831	21.169	0.06973	2.66791	3 V
K19L35V	18.5	0.15	K232P	315.304	187.862	95.120	4.943	0.27119	2.61549	3 X
K19N59T	17.5	0.15	K232P	251.627	261.245	20.177	2.354	0.06954	3.20682	3 V
K19O28J	17.8	0.15	K232P	46.535	298.013	235.709	3.428	0.01051	2.83377	6 X
K19Q14T	17.5	0.15	K232P	316.055	92.442	247.498	27.992	0.25354	2.59750	4 X
K19Q15O	17.3	0.15	K232P	329.844	71.623	240.927	28.900	0.29370	2.62391	4 X
K19SE4O	18.1	0.15	K232P	335.144	134.652	158.312	28.580	0.21638	2.65703	5 X
K19T84T	19.2	0.15	K232P	321.699	87.919	202.590	28.185	0.41654	2.67807	2 X
K19V38R	18.5	0.15	K232P	308.602	259.188	58.931	19.024	0.44673	2.75441	2 X
K20D05B	19.2	0.15	K232P	323.943	188.860	77.806	11.705	0.51723	2.12970	4 X
K20F10S	19.3	0.15	K232P	74.222	321.964	210.750	20.920	0.06586	1.88726	6 X
K20F38H	19.1	0.15	K232P	266.435	120.224	197.979	25.630	0.06823	1.91238	4 X
K20H02L	19.0	0.15	K232P	252.575	162.028	209.960	18.981	0.11493	1.83378	6 X
K20Q04M	18.6	0.15	K232P	305.111	297.699	22.932	23.422	0.44567	2.11656	3 X
K20Q69D	18.1	0.15	K232P	246.862	73.707	185.675	9.204	0.26585	2.78538	3 V
K20Q81N	18.6	0.15	K232P	332.234	79.795	169.215	22.660	0.21929	2.33793	2 X
K22E23S	17.1	0.15	K232P	343.543	18.151	223.348	21.535	0.13271	3.19660	4 X
K22G05F	21.1	0.15	K232P	79.171	160.756	105.048	7.649	0.43289	2.12103	2 X
K23F11X	18.2	0.15	K232P	334.996	106.100	158.536	20.297	0.44348	3.09600	4 X
K23F38O	17.3	0.15	K232P	348.965	56.647	166.930	27.609	0.12230	3.04454	3 V
K23H10P	18.9	0.15	K232P	313.348	149.046	123.328	2.926	0.19214	2.34299	6 X
K23H14W	17.5	0.15	K232P	309.897	70.252	221.660	16.027	0.21665	3.05457	4 X
K23H18F	19.4	0.15	K232P	314.948	122.065	146.268	2.199	0.18807	2.20320	5 X
K23H19T	18.5	0.15	K232P	309.495	203.146	66.315	15.465	0.07898	2.57748	3 V
K23H19V	19.1	0.15	K232P	328.274	162.317	83.581	6.605	0.13043	2.34406	3 V
K23J07O	17.9	0.15	K232P	90.576	55.049	68.085	22.968	0.03019	2.65983	4 X
K23J16O	18.7	0.15	K232P	349.714	94.059	139.499	24.473	0.40027	3.12040	4 X
K23K03E	17.9	0.15	K232P	303.081	68.048	236.635	29.705	0.28320	2.59424	4 X

New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc C
K15Ka2S	17.8	0.15	K232P	292.605	49.844	261.992	16.110	0.24137	2.60441	136 V
K15MK4Y	19.6	0.15	K232P	121.437	0.559	297.762	4.545	0.18111	2.21844	77 V
K15N41D	18.5	0.15	K232P	319.476	1.922	267.946	13.028	0.20335	2.60758	62 V
K15Rb7B	18.7	0.15	K232P	79.821	267.361	92.931	6.022	0.20642	2.23601	97 V
K15Tl8O	19.5	0.15	K232P	261.940	196.098	190.345	17.227	0.25585	2.64181	58 V
K15Xo0X	17.4	0.15	K232P	109.846	313.348	195.720	13.029	0.19048	3.10418	91 V
K15Xo0Y	18.3	0.15	K232P	131.617	264.669	165.466	15.598	0.25860	3.13392	59 V

K16Ac0U	17.7	0.15	K232P	224.223	147.977	319.271	28.690	0.17503	2.76551	87 V
K16Ce9K	19.3	0.15	K232P	9.713	169.573	2.597	5.388	0.09639	2.25816	90 V
K16LA2Y	18.2	0.15	K232P	238.578	22.910	230.691	13.115	0.21696	2.60707	118 V
K16NI3D	18.4	0.15	K232P	56.385	89.568	267.709	15.112	0.35456	3.11107	59 V
K16NI3E	19.1	0.15	K232P	183.952	141.690	217.227	12.330	0.23039	2.57416	58 V
K16PR5U	18.8	0.15	K232P	168.224	338.585	346.237	8.698	0.25874	2.70795	69 V
K16PR5V	18.2	0.15	K232P	150.484	148.031	191.451	15.443	0.28429	2.73103	54 V
K16PR5W	19.7	0.15	K232P	268.557	4.648	337.380	8.075	0.29806	2.37484	73 V
K17BL7G	17.9	0.15	K232P	3.299	241.605	314.247	15.940	0.17686	3.13111	64 V
K17BL7H	18.2	0.15	K232P	111.995	191.751	316.435	16.146	0.21627	2.75860	63 V
K17C51H	18.4	0.15	K232P	141.805	242.141	236.950	6.650	0.18268	2.75766	57 V
K17FMOQ	17.4	0.15	K232P	341.659	215.178	44.282	15.262	0.24073	3.17753	31 V
K17FMOR	19.6	0.15	K232P	281.017	173.822	190.517	23.121	0.05519	1.89775	25 V
K17N31O	20.1	0.15	K232P	196.490	205.859	117.684	13.475	0.23025	2.32563	42 V
K17N31P	19.2	0.15	K232P	77.409	40.232	321.640	12.497	0.26857	2.63807	51 V
K17N31Q	17.4	0.15	K232P	33.504	313.285	309.464	21.798	0.19148	3.12048	72 V
K17N31R	19.0	0.15	K232P	165.574	170.860	83.922	5.466	0.20084	2.56729	42 V
K17N31S	18.8	0.15	K232P	144.297	299.579	308.552	12.108	0.23393	2.64603	51 V
K17N31T	19.5	0.15	K232P	229.810	210.233	102.515	4.649	0.17637	2.27828	80 V
K17N31U	19.4	0.15	K232P	285.565	170.583	102.617	5.012	0.16514	2.21493	73 V
K17N31V	19.7	0.15	K232P	109.776	39.380	276.026	2.498	0.21702	2.63811	45 V
K17N31W	18.6	0.15	K232P	117.408	284.014	352.337	7.389	0.20209	2.72523	71 V
K17N31X	18.5	0.15	K232P	76.719	205.873	137.219	6.323	0.13235	2.68361	72 V
K17OG8U	19.0	0.15	K232P	63.587	231.446	141.781	16.073	0.30543	2.71857	63 V
K17OG8V	20.4	0.15	K232P	249.327	245.884	102.518	4.722	0.29465	2.18538	60 V
K17OG8W	19.9	0.15	K232P	236.915	309.461	28.419	7.362	0.17856	2.23146	60 V
K17OG8X	19.6	0.15	K232P	131.872	323.977	350.104	12.661	0.24374	2.59040	62 V
K17OG8Y	19.0	0.15	K232P	65.669	240.504	143.887	13.672	0.27135	2.66943	60 V
K17OG8Z	17.6	0.15	K232P	319.035	244.640	134.794	11.108	0.08144	3.18749	60 V
K17OG9A	18.8	0.15	K232P	103.189	132.886	169.076	1.983	0.19036	2.68921	49 V
K17OG9B	20.1	0.15	K232P	213.911	21.660	326.641	4.303	0.18009	2.24498	24 V
K17OG9C	19.9	0.15	K232P	168.915	358.426	357.629	2.552	0.21911	2.35572	51 V
K17OG9D	17.9	0.15	K232P	315.518	163.960	156.496	9.272	0.17158	3.39305	60 V
K17OG9E	18.8	0.15	K232P	112.255	6.032	274.874	6.905	0.26582	2.73142	60 V
K17OG9F	19.3	0.15	K232P	261.925	19.192	285.828	6.444	0.13823	2.22314	58 V
K17OG9G	19.5	0.15	K232P	46.604	49.113	320.378	16.982	0.34799	2.76855	47 V
K17OG9H	19.3	0.15	K232P	214.809	28.855	305.044	5.881	0.20238	2.28816	54 V
K17OG9J	18.4	0.15	K232P	45.281	42.244	357.515	15.301	0.22115	2.76614	77 V
K17P81Y	18.3	0.15	K232P	3.006	338.226	15.463	30.492	0.32443	3.15172	112 V
K17P81Z	16.8	0.15	K232P	244.305	6.135	320.282	5.031	0.30994	3.97017	98 V
K17P82A	18.3	0.15	K232P	323.088	237.246	143.531	23.752	0.23228	3.12563	45 V
K17P82B	17.2	0.15	K232P	237.549	272.848	78.633	4.092	0.22473	3.96367	53 V
K17QH3C	18.6	0.15	K232P	9.486	1.355	1.590	14.852	0.27315	3.03867	58 V
K17QH3D	20.7	0.15	K232P	272.464	170.274	157.625	3.835	0.23955	2.16745	59 V
K17QH3E	19.8	0.15	K232P	303.238	143.230	125.430	2.375	0.16092	2.21091	25 V
K17QH3F	18.2	0.15	K232P	353.475	207.518	168.685	9.100	0.16942	3.10258	52 V
K17QH3G	19.7	0.15	K232P	186.414	29.131	12.636	6.403	0.17610	2.27344	48 V
K17QH3H	20.2	0.15	K232P	236.322	107.388	181.049	5.154	0.22448	2.32264	43 V
K17QH3J	14.2	0.15	K232P	30.281	175.786	161.318	24.075	0.69778	16.11234	25 A
K17SZ4Y	19.4	0.15	K232P	239.909	280.461	102.319	8.855	0.17178	2.21433	59 V
K17SZ4Z	20.1	0.15	K232P	354.607	16.084	23.658	22.042	0.07049	1.90278	36 V
K17SZ5A	18.4	0.15	K232P	5.715	298.044	71.857	1.656	0.18537	3.07067	36 V
K17SZ5B	19.8	0.15	K232P	305.041	39.337	52.999	22.611	0.10482	1.94610	57 V
K17SZ5C	18.7	0.15	K232P	69.238	242.092	149.986	5.676	0.17182	2.72876	59 V
K17UK8W	19.9	0.15	K232P	245.038	98.740	309.056	3.363	0.10770	2.15129	30 V
K17UK8X	17.6	0.15	K232P	345.238	330.967	67.613	19.403	0.21197	3.10132	37 V
K17V69P	20.2	0.15	K232P	171.347	237.487	215.605	20.650	0.30801	2.27724	29 V
K17WA0Y	18.6	0.15	K232P	41.461	215.827	255.132	11.674	0.21876	2.68990	29 V
K17WA0Z	18.7	0.15	K232P	66.332	227.727	168.133	4.622	0.09584	2.79920	8 V
K18K21W	17.8	0.15	K232P	327.328	334.452	239.489	22.874	0.15175	3.15955	54 V
K18K21X	18.0	0.15	K232P	343.411	145.827	106.998	14.790	0.16812	2.90012	51 V
K18K21Y	20.2	0.15	K232P	334.120	133.910	102.395	24.415	0.07907	1.84198	49 V
K18L49M	18.7	0.15	K232P	333.986	189.666	96.619	9.958	0.17080	2.78188	36 V
K18L49N	19.4	0.15	K232P	98.758	323.787	7.240	4.592	0.25796	2.29456	68 V
K18L49O	18.5	0.15	K232P	347.872	241.378	110.469	16.759	0.32513	2.72955	53 V
K18M36X	19.0	0.15	K232P	346.231	65.010	292.097	7.444	0.29838	2.69215	55 V
K18M36Y	18.8	0.15	K232P	13.274	192.499	126.485	10.969	0.17742	2.66890	50 V
K18M36Z	17.7	0.15	K232P	278.490	74.111	271.896	8.662	0.07581	3.04555	54 V
K18M37A	18.4	0.15	K232P	350.530	21.110	294.189	9.560	0.12672	2.78949	54 V
K18M37B	18.7	0.15	K232P	329.850	336.525	293.869	6.044	0.27883	3.07050	49 V
K18M37C	18.1	0.15	K232P	43.896	6.899	267.899	12.230	0.16274	2.68388	49 V
K18N58Q	19.7	0.15	K232P	121.052	262.552	40.017	1.464	0.19604	2.31877	57 V
K18N58R	19.8	0.15	K232P	154.054	324.592	340.059	5.852	0.17708	2.21362	64 V
K18N58S	17.4	0.15	K232P	293.816	226.216	109.614	10.284	0.16997	3.15080	119 V
K18PA7K	17.1	0.15	K232P	308.253	295.594	19.676	20.117	0.19079	3.13586	93 V
K18PA7L	17.9	0.15	K232P	301.483	267.618	82.957	11.603	0.28442	3.04838	92 V
K18PA7M	19.3	0.15	K232P	85.122	5.718	8.622	6.487	0.11649	2.28183	56 V
K18PA7N	18.6	0.15	K232P	33.885	31.183	271.930	2.936	0.18761	2.70196	52 V
K18Q24G	17.6	0.15	K232P	262.103	192.194	174.960	17.746	0.20894	3.19995	48 V
K18Q24H	17.8	0.15	K232P	320.371	286.778	16.865	20.396	0.33981	3.09809	55 V
K18Q24J	17.9	0.15	K232P	307.704	254.833	137.449	10.688	0.17764	2.97008	76 V
K18U48E	20.1	0.15	K232P	247.994	10.549	40.351	22.912	0.06807	1.86178	55 V
K19AC5F	18.1	0.15	K232P	292.958	295.358	198.766	13.479	0.25196	2.91349	90 V
K19F34X	18.7	0.15	K232P	315.532	133.034	67.122	5.881	0.17991	2.67109	60 V
K19GG1H	19.6	0.15	K232P	38.583	106.353	85.115	3.519	0.17449	2.31647	56 V
K19GG1J	19.5	0.15	K232P	357.753	7.914	238.786	6.134	0.14413	2.31139	33 V
K19JC7U	19.5	0.15	K232P	35.157	65.301	156.691	8.370	0.17113	2.33758	52 V
K19JC7V	17.7	0.15	K232P	264.732	100.771	235.055	9.044	0.13757	2.80327	135 V
K19JC7W	19.3	0.15	K232P	336.060	109.971	192.245	4.490	0.25677	2.34113	57 V
K19L36C	18.5	0.15	K232P	297.333	146.371	125.186	16.903	0.26642	2.75816	108 V
K19L36D	18.6	0.15	K232P	341.745	7.486	250.063	13.439	0.21439	2.65752	109 V
K19L36E	18.9	0.15	K232P	326.379	272.787	84.630	5.458	0.23474	2.32843	109 V
K19M35L	18.5	0.15	K232P	351.602	33.238	271.083	15.609	0.24078	2.43223	116 V

K19M35M	18.8	0.15	K232P	304.474	154.669	142.348	12.996	0.20545	2.67599	87	V
K19M35N	18.8	0.15	K232P	336.057	300.741	324.624	11.961	0.18879	2.58755	7	V
K19N96Z	19.0	0.15	K232P	293.060	185.314	132.140	9.615	0.22181	2.70508	78	V
K19N97A	19.9	0.15	K232P	22.775	291.015	35.169	6.207	0.19678	2.23592	80	V
K19N97B	17.5	0.15	K232P	217.647	327.347	28.595	9.372	0.12013	3.06268	106	V
K19N97C	19.0	0.15	K232P	266.259	186.204	133.086	11.465	0.32765	2.86085	115	V
K19N97D	20.0	0.15	K232P	321.031	42.209	291.847	1.642	0.20192	2.43698	58	V
K19N97E	15.7	0.15	K232P	83.591	232.734	121.300	2.689	0.06098	5.13837	63	V
K19N97F	19.6	0.15	K232P	12.264	141.313	179.784	24.201	0.23058	2.26801	84	V
K19O47A	19.2	0.15	K232P	336.890	239.455	123.481	4.366	0.24542	2.30074	93	V
K19O47B	18.8	0.15	K232P	282.044	225.653	110.513	3.588	0.18799	2.68892	58	V
K19P79W	18.6	0.15	K232P	336.675	298.642	57.417	15.160	0.20197	2.41013	116	V
K19Q99S	20.7	0.15	K232P	4.101	151.826	151.068	2.899	0.19751	2.36849	4	V
K19Q99T	18.4	0.15	K232P	167.202	262.173	179.634	1.974	0.08186	2.79834	4	V
K19T84X	18.6	0.15	K232P	220.793	278.587	129.838	16.436	0.26607	3.15221	76	V
K19UE3R	18.9	0.15	K232P	231.804	258.058	177.416	7.681	0.20798	2.80676	9	V
K19Y45W	18.0	0.15	K232P	228.985	324.300	121.530	12.771	0.17405	3.10872	30	V
K20K57G	18.4	0.15	K232P	213.534	239.717	51.346	8.596	0.28608	2.70823	81	V
K20K57H	18.2	0.15	K232P	207.398	207.408	117.827	32.472	0.09728	2.56141	77	V
K20M54P	18.1	0.15	K232P	209.499	47.569	217.965	5.802	0.19534	2.96794	36	V
K20M54Q	19.2	0.15	K232P	249.957	131.267	204.112	6.298	0.13277	2.33907	100	V
K20M54R	18.4	0.15	K232P	194.707	43.571	299.534	27.547	0.12214	2.61370	55	V
K20M54S	19.0	0.15	K232P	286.450	356.347	263.396	4.040	0.15198	2.44963	76	V
K20M54T	17.8	0.15	K232P	114.989	88.264	294.236	13.881	0.09509	3.16338	75	V
K20M54U	18.2	0.15	K232P	153.455	101.844	246.534	6.924	0.12864	3.10503	69	V
K20M54V	17.7	0.15	K232P	150.011	64.113	287.245	8.482	0.11403	3.01155	76	V
K20M54W	19.4	0.15	K232P	281.196	61.130	208.897	1.607	0.14892	2.45290	76	V
K20M54X	20.0	0.15	K232P	33.006	325.862	315.379	20.062	0.05061	1.85976	54	V
K20OC0S	19.6	0.15	K232P	273.043	214.404	77.887	7.821	0.18543	2.37457	55	V
K20OC0T	18.8	0.15	K232P	259.089	224.640	48.888	4.508	0.13423	2.59966	58	V
K20OC0U	19.1	0.15	K232P	157.207	177.804	163.412	19.660	0.25080	3.12570	57	V
K20OC0V	19.7	0.15	K232P	217.422	174.033	135.265	14.067	0.28567	2.64012	53	V
K20OC0W	17.9	0.15	K232P	128.214	73.072	299.349	8.205	0.10202	3.05122	56	V
K20OC0X	18.9	0.15	K232P	229.456	284.673	74.079	6.057	0.18039	2.31609	49	V
K20OC0Y	19.4	0.15	K232P	246.958	276.894	78.890	7.226	0.16242	2.28695	57	V
K20OC0Z	18.7	0.15	K232P	202.103	161.968	119.581	9.402	0.28931	3.06858	48	V
K20OC1A	18.6	0.15	K232P	182.848	317.030	37.793	9.147	0.20345	2.76898	79	V
K20OC1B	19.9	0.15	K232P	194.115	260.725	97.792	5.290	0.28591	2.72074	75	V
K20P97X	19.3	0.15	K232P	187.454	255.148	135.303	13.478	0.20529	2.52733	9	V
K20P97Y	19.3	0.15	K232P	217.190	29.859	0.443	7.123	0.12378	2.29752	62	V
K20P97Z	19.3	0.15	K232P	182.695	322.436	39.707	2.418	0.22640	2.77864	61	V
K20RF0S	18.5	0.15	K232P	235.270	234.459	93.733	13.817	0.21476	2.68727	84	V
K20RF0T	17.0	0.15	K232P	250.211	300.227	315.162	7.101	0.02924	3.17651	7	V
K20T93N	19.2	0.15	K232P	184.988	254.495	166.356	12.964	0.26539	2.69129	83	V
K20T93O	17.2	0.15	K232P	122.361	267.637	153.007	10.864	0.09325	3.45467	55	V
K20U69M	19.0	0.15	K232P	194.745	238.796	162.263	13.597	0.26311	2.66173	82	V
K20W22L	19.2	0.15	K232P	212.623	102.572	301.824	27.762	0.33900	2.59495	46	V
K20X24K	18.4	0.15	K232P	187.940	220.283	233.464	9.993	0.26310	2.77386	63	V
K20Y27Y	18.7	0.15	K232P	160.234	75.034	61.048	8.977	0.16575	2.74748	56	V
K21A29L	18.8	0.15	K232P	234.538	172.825	303.551	5.450	0.06561	2.32324	59	V
K21C47D	18.3	0.15	K232P	124.326	347.492	190.489	18.993	0.19740	3.07151	57	V
K21C47E	17.6	0.15	K232P	123.726	254.576	281.739	7.523	0.10225	3.16658	54	V
K21GK1V	17.2	0.15	K232P	85.372	130.655	83.141	14.836	0.18822	3.95422	42	V
K21GK1W	20.1	0.15	K232P	203.704	189.215	51.322	9.016	0.07920	2.02444	38	V
K21GK1X	18.1	0.15	K232P	101.920	191.783	27.447	10.712	0.15241	3.18579	9	V
K21GK1Y	17.4	0.15	K232P	33.970	221.617	93.522	11.861	0.02430	3.08787	59	V
K21GK1Z	19.8	0.15	K232P	163.590	96.844	145.393	6.574	0.11606	2.37062	52	V
K21GK2A	19.3	0.15	K232P	211.035	60.248	135.774	7.034	0.04899	2.33556	59	V
K21GK2B	19.0	0.15	K232P	189.199	19.261	161.871	8.894	0.16685	2.59120	52	V
K21GK2C	18.7	0.15	K232P	191.893	99.406	76.218	12.312	0.13910	2.65162	63	V
K21GK2D	18.2	0.15	K232P	79.609	241.580	43.466	16.949	0.21655	3.15045	59	V
K21GK2E	19.3	0.15	K232P	131.446	247.262	41.844	3.311	0.17967	2.40981	66	V
K21GK2F	19.3	0.15	K232P	169.949	39.615	170.888	12.740	0.23061	2.64364	78	V
K21GK2G	18.9	0.15	K232P	139.561	52.783	188.690	17.494	0.13878	2.65248	51	V
K21GK2H	19.5	0.15	K232P	190.702	54.310	141.127	13.711	0.18564	2.53963	59	V
K21H37G	18.6	0.15	K232P	133.621	145.689	98.982	9.614	0.14874	2.81564	75	V
K21H37H	17.9	0.15	K232P	76.762	213.816	84.596	13.798	0.10850	2.92172	56	V
K21H37J	19.5	0.15	K232P	116.956	110.126	219.242	21.232	0.28282	2.38692	51	V
K21H37K	19.0	0.15	K232P	194.567	106.705	80.334	13.782	0.11373	2.56320	56	V
K21H37L	18.8	0.15	K232P	126.338	128.810	91.186	2.986	0.20788	3.08270	56	V
K21J71Y	19.9	0.15	K232P	237.731	89.667	78.731	7.652	0.16599	2.26109	40	V
K21J71Z	19.4	0.15	K232P	33.404	359.783	81.553	23.281	0.07494	1.92026	57	V
K21J72A	19.8	0.15	K232P	129.361	241.608	70.706	12.308	0.28970	2.38454	49	V
K21J72B	19.8	0.15	K232P	180.517	121.397	120.751	9.536	0.14416	2.33890	49	V
K21J72C	19.0	0.15	K232P	142.213	157.597	102.904	9.961	0.12924	2.57257	57	V
K21J72D	18.9	0.15	K232P	94.525	221.595	88.959	8.829	0.16117	2.62979	50	V
K21J72E	18.8	0.15	K232P	108.642	215.412	84.880	14.434	0.12534	2.53003	54	V
K21K20F	19.5	0.15	K232P	127.468	69.535	202.298	12.372	0.23710	2.68767	42	V
K21K20G	17.6	0.15	K232P	92.262	310.012	47.741	14.611	0.16120	2.51281	52	V
K21L47B	18.7	0.15	K232P	143.884	186.878	106.384	15.588	0.24285	2.67486	65	V
K21L47C	17.9	0.15	K232P	124.079	109.486	170.023	18.540	0.18025	3.14156	88	V
K21M23T	18.7	0.15	K232P	111.901	162.777	188.710	16.551	0.15349	2.53718	84	V
K21M23U	19.4	0.15	K232P	132.612	86.814	232.563	11.502	0.29129	2.63159	102	V
K21M23V	18.8	0.15	K232P	132.498	134.464	181.544	13.912	0.18143	2.60334	83	V
K21M23W	18.4	0.15	K232P	115.516	95.586	206.308	15.133	0.22626	3.11142	108	V
K21M23X	19.8	0.15	K232P	150.188	211.590	99.220	2.985	0.17657	2.35610	46	V
K21M23Y	18.3	0.15	K232P	177.586	344.176	284.345	12.332	0.16332	2.61420	86	V
K21M23Z	18.4	0.15	K232P	131.969	27.116	283.890	7.652	0.19312	2.80160	101	V
K21M24A	17.9	0.15	K232P	65.360	225.772	156.706	17.642	0.21292	3.14686	85	V
K21M24B	19.0	0.15	K232P	188.387	331.762	298.952	20.110	0.23787	2.39197	83	V
K21M24C	18.4	0.15	K232P	135.062	62.027	268.132	13.839	0.13441	2.54176	100	V
K21M24D	18.3	0.15	K232P	127.949	17.893	273.093	11.675	0.29575	3.06547	83	V
K21M24E	18.8	0.15	K232P	172.042	64.215	210.549	12.308	0.16186	2.58155	71	V

K21N75H	20.1	0.15	K232P	147.613	108.895	231.073	6.143	0.23478	2.27063	57 V
K21N75J	18.4	0.15	K232P	159.889	3.335	285.856	16.560	0.09511	2.55609	67 V
K21N75K	18.3	0.15	K232P	142.943	327.564	283.839	11.702	0.32398	3.04229	66 V
K21N75L	18.4	0.15	K232P	114.989	349.989	289.580	13.841	0.24359	3.16681	35 V
K21N75M	19.3	0.15	K232P	143.387	336.865	4.410	23.930	0.19981	2.36082	90 V
K21N75N	19.5	0.15	K232P	177.357	227.358	76.562	7.718	0.14324	2.23457	55 V
K21N75O	20.1	0.15	K232P	174.116	307.555	347.309	4.884	0.22997	2.28293	60 V
K21N75P	18.6	0.15	K232P	131.775	333.239	325.875	9.806	0.13778	2.82873	60 V
K21N75Q	19.1	0.15	K232P	107.209	241.649	126.567	11.293	0.33885	2.73036	102 V
K21N75R	18.6	0.15	K232P	153.391	185.095	128.823	14.967	0.13232	2.53885	62 V
K21N75S	19.2	0.15	K232P	151.454	162.068	158.933	14.754	0.26797	2.65052	113 V
K21O28S	18.3	0.15	K232P	81.136	282.121	73.279	5.813	0.20697	3.15784	56 V
K21O28T	18.8	0.15	K232P	185.717	190.618	66.367	6.026	0.19520	2.54118	56 V
K21O28U	18.7	0.15	K232P	158.677	352.434	325.682	12.612	0.29088	2.63862	114 V
K21O28V	20.4	0.15	K232P	159.239	284.628	67.511	6.274	0.23067	2.21032	78 V
K21O28W	17.3	0.15	K232P	130.872	356.991	277.826	10.270	0.03935	3.15510	33 V
K21O28X	20.2	0.15	K232P	201.798	68.714	196.756	4.591	0.23415	2.21535	32 V
K21O28Y	18.0	0.15	K232P	132.293	206.378	110.325	14.893	0.20177	2.75010	42 V
K21O28Z	19.9	0.15	K232P	117.413	35.388	323.694	11.676	0.31360	2.63574	73 V
K21O29A	18.6	0.15	K232P	124.547	256.746	85.309	14.518	0.19357	2.61839	49 V
K21PI8N	17.3	0.15	K232P	136.160	358.429	276.196	16.705	0.18869	3.16725	58 V
K21PI8O	19.4	0.15	K232P	135.596	149.417	190.338	1.028	0.19899	2.42059	37 V
K21PI8P	19.0	0.15	K232P	157.214	95.976	204.880	8.176	0.16324	2.58171	55 V
K21PI8Q	18.6	0.15	K232P	180.427	310.138	330.660	16.952	0.18034	2.58962	56 V
K21PI8R	19.8	0.15	K232P	112.390	106.414	276.639	0.457	0.20626	2.41841	35 V
K21PI8S	19.7	0.15	K232P	199.184	150.918	133.032	3.924	0.17325	2.25549	59 V
K21PI8T	18.9	0.15	K232P	102.339	218.367	155.455	12.845	0.17728	2.71063	36 V
K21PI8U	19.3	0.15	K232P	114.277	27.008	324.004	4.295	0.18440	2.64436	38 V
K21PI8V	17.8	0.15	K232P	14.344	90.664	1.491	21.849	0.06845	2.69004	55 V
K21PI8W	19.4	0.15	K232P	166.116	267.301	63.560	7.249	0.17002	2.23780	59 V
K21PI8X	18.8	0.15	K232P	108.539	32.091	320.805	8.341	0.15969	2.72293	53 V
K21PI8Y	18.8	0.15	K232P	116.601	298.204	4.092	15.195	0.25529	3.16184	56 V
K21PI8Z	19.0	0.15	K232P	97.368	90.800	282.792	4.816	0.16331	2.66752	60 V
K21PI9A	19.6	0.15	K232P	122.376	64.503	285.467	6.257	0.27105	2.66283	60 V
K21PI9B	18.1	0.15	K232P	64.194	210.110	181.074	15.942	0.18096	3.10670	59 V
K21PI9C	18.5	0.15	K232P	103.486	123.922	193.125	15.756	0.20602	3.09960	34 V
K21PI9D	17.3	0.15	K232P	271.769	233.834	305.912	12.444	0.09279	2.94114	58 V
K21PI9E	17.5	0.15	K232P	164.584	29.757	246.902	7.100	0.05867	3.04190	60 V
K21PI9F	18.9	0.15	K232P	166.611	4.094	266.418	3.208	0.16914	2.72811	34 V
K21PI9G	19.8	0.15	K232P	144.472	164.687	177.984	5.752	0.11135	2.32989	36 V
K21PI9H	18.9	0.15	K232P	155.553	291.316	18.793	16.638	0.18626	2.56869	56 V
K21PI9J	18.4	0.15	K232P	125.294	214.573	95.537	9.691	0.06731	2.86340	9 V
K21PI9K	18.6	0.15	K232P	100.450	316.338	25.311	9.324	0.14683	2.89431	32 V
K21PI9L	19.1	0.15	K232P	91.378	121.916	277.445	10.859	0.18479	2.55949	55 V
K21PI9M	19.5	0.15	K232P	118.010	72.476	301.028	12.376	0.20418	2.53871	78 V
K21PI9N	19.8	0.15	K232P	191.015	19.480	267.576	7.493	0.25604	2.31777	56 V
K21PI9O	18.4	0.15	K232P	137.597	101.886	233.500	14.096	0.18782	2.83155	83 V
K21PI9P	19.6	0.15	K232P	163.285	138.735	199.105	4.873	0.12738	2.38382	55 V
K21PI9Q	18.1	0.15	K232P	157.289	239.541	53.444	15.182	0.16243	2.77441	62 V
K21PI9R	19.4	0.15	K232P	119.478	103.515	244.633	5.097	0.21444	2.63503	54 V
K21PI9S	19.7	0.15	K232P	111.300	280.832	90.097	13.165	0.28147	2.63039	53 V
K21PI9T	18.0	0.15	K232P	106.910	222.604	108.805	18.011	0.22237	3.13743	53 V
K21PI9U	18.4	0.15	K232P	133.160	202.932	86.198	14.081	0.29745	3.04088	53 V
K21PI9V	19.1	0.15	K232P	127.953	274.749	70.942	13.545	0.18014	2.59883	53 V
K21PI9W	19.6	0.15	K232P	194.406	2.071	270.191	7.285	0.15362	2.39723	41 V
K21PI9X	19.1	0.15	K232P	156.435	5.497	300.421	9.041	0.19825	2.57026	52 V
K21PI9Y	18.5	0.15	K232P	159.738	341.249	318.939	11.705	0.12471	2.62360	52 V
K21PI9Z	19.0	0.15	K232P	149.510	189.105	132.045	16.046	0.26389	2.54328	44 V
K21PJ0A	18.5	0.15	K232P	75.156	177.261	199.666	12.463	0.19723	2.97396	50 V
K21QA2A	18.4	0.15	K232P	167.082	197.702	111.098	14.909	0.15933	2.63914	102 V
K21QA2B	19.2	0.15	K232P	138.165	92.023	239.425	13.828	0.16710	2.63016	55 V
K21QA2C	19.7	0.15	K232P	143.501	208.357	143.163	3.679	0.14828	2.38048	48 V
K21QA2D	18.8	0.15	K232P	114.060	356.655	358.752	36.138	0.16023	2.72978	48 V
K21QA2E	19.4	0.15	K232P	125.138	254.064	101.297	8.608	0.21143	2.57077	55 V
K21QA2F	19.5	0.15	K232P	185.644	84.196	183.952	22.952	0.25625	2.34652	35 V
K21QA2G	17.4	0.15	K232P	99.119	12.649	294.553	2.715	0.24643	3.96965	35 V
K21QA2H	18.4	0.15	K232P	134.611	145.844	198.174	6.555	0.06500	2.68622	57 V
K21RL9D	18.5	0.15	K232P	123.303	26.609	324.656	2.947	0.09785	2.75063	52 V
K21RL9E	18.4	0.15	K232P	133.608	231.043	126.756	14.960	0.12057	2.66830	83 V
K21RL9F	18.7	0.15	K232P	149.183	209.465	122.251	13.080	0.21452	2.62195	83 V
K21RL9G	17.6	0.15	K232P	151.027	151.378	156.570	15.048	0.15598	3.01045	56 V
K21RL9H	18.7	0.15	K232P	160.150	260.529	46.087	11.540	0.27348	2.64548	64 V
K21RL9J	17.3	0.15	K232P	105.470	3.314	329.649	11.338	0.18351	3.41225	56 V
K21RL9K	19.8	0.15	K232P	113.697	139.337	281.426	5.646	0.15101	2.20583	56 V
K21RL9L	19.4	0.15	K232P	138.573	23.534	345.759	24.622	0.22404	2.42655	60 V
K21RL9M	20.0	0.15	K232P	218.945	355.176	356.471	21.118	0.07675	1.88952	39 V
K21RL9N	18.5	0.15	K232P	185.014	331.608	318.982	11.142	0.17327	2.58490	57 V
K21RL9O	18.5	0.15	K232P	100.364	70.793	313.088	10.720	0.13180	2.86837	64 V
K21RL9P	17.3	0.15	K232P	46.003	266.702	143.111	13.468	0.04550	3.14865	28 V
K21RL9Q	21.1	0.15	K232P	119.290	7.785	9.127	7.180	0.39123	2.61874	76 V
K21RL9R	20.4	0.15	K232P	139.124	169.910	190.977	8.518	0.23657	2.43217	48 V
K21RL9S	17.2	0.15	K232P	357.544	265.476	209.066	15.328	0.08015	3.21144	29 V
K21RL9T	18.5	0.15	K232P	104.162	257.620	139.035	17.285	0.14266	2.58411	53 V
K21RL9U	19.0	0.15	K232P	134.304	235.277	117.907	10.184	0.18305	2.56709	79 V
K21RL9V	18.4	0.15	K232P	127.192	281.209	17.989	25.737	0.30961	3.17352	54 V
K21RL9W	18.4	0.15	K232P	93.304	268.732	144.848	15.347	0.14874	2.56709	53 V
K21RL9X	19.9	0.15	K232P	180.031	289.367	39.136	6.406	0.18242	2.22143	54 V
K21RL9Y	20.3	0.15	K232P	186.167	325.673	5.633	8.106	0.12382	2.16925	30 V
K21RL9Z	19.5	0.15	K232P	116.377	193.366	184.991	10.646	0.16963	2.54147	58 V
K21RMOA	18.3	0.15	K232P	76.336	102.557	293.435	8.960	0.23466	3.12408	48 V
K21RMOB	19.2	0.15	K232P	152.867	53.222	258.591	12.529	0.16429	2.60464	31 V
K21RMOC	18.7	0.15	K232P	79.534	161.798	230.536	14.110	0.21344	2.91661	57 V
K21RMOD	18.1	0.15	K232P	132.629	320.985	9.595	15.781	0.20158	3.07877	51 V

K21RMOE	17.6	0.15	K232P	152.505	190.007	136.510	18.362	0.12142	2.86379	62 V
K21RMOF	18.3	0.15	K232P	107.619	126.848	279.980	21.666	0.26072	2.41910	55 V
K21RMOG	19.9	0.15	K232P	133.523	256.984	87.064	15.855	0.42479	2.63600	71 V
K21RMOH	19.7	0.15	K232P	118.512	189.674	185.792	3.251	0.15330	2.56487	44 V
K21S78J	18.2	0.15	K232P	103.230	216.948	173.518	20.480	0.29029	3.06427	69 V
K21S78K	18.4	0.15	K232P	83.754	83.542	355.927	22.968	0.24631	2.76214	36 V
K21S78L	19.5	0.15	K232P	109.353	104.617	286.381	12.504	0.17595	2.54567	34 V
K21S78M	17.1	0.15	K232P	168.665	45.424	253.762	13.994	0.03166	3.16204	55 V
K21S78N	20.4	0.15	K232P	147.212	338.056	29.822	11.987	0.17683	2.26836	32 V
K21S78O	19.8	0.15	K232P	85.612	13.182	62.106	2.694	0.16523	2.42677	32 V
K21TH6A	18.0	0.15	K232P	56.540	312.551	119.961	4.595	0.18765	3.11122	35 V
K21TH6B	19.9	0.15	K232P	193.153	223.914	99.084	4.405	0.21487	2.25613	55 V
K21TH6C	16.2	0.15	K232P	26.742	345.771	69.097	15.462	0.24172	5.21195	54 V
K21TH6D	15.8	0.15	K232P	25.360	246.721	170.340	13.764	0.17293	5.14903	56 V
K21TH6E	20.0	0.15	K232P	182.660	237.438	99.231	6.147	0.20691	2.24433	54 V
K21TH6F	18.8	0.15	K232P	164.240	308.149	14.397	13.663	0.27927	2.59581	52 V
K21TH6G	18.7	0.15	K232P	162.187	342.647	358.973	9.937	0.21328	2.57097	54 V
K21TH6H	18.5	0.15	K232P	77.226	103.040	287.486	14.783	0.24056	3.12700	28 V
K21TH6J	15.3	0.15	K232P	11.338	30.788	31.227	20.620	0.04068	5.27284	27 V
K21TH6K	18.1	0.15	K232P	89.041	231.324	167.577	10.205	0.10409	3.01693	52 V
K21TH6L	18.9	0.15	K232P	131.978	359.631	10.331	11.838	0.09445	2.60710	50 V
K21TH6M	20.3	0.15	K232P	136.392	82.381	308.225	1.689	0.19628	2.35138	53 V
K21TH6N	19.9	0.15	K232P	125.093	338.800	36.108	7.056	0.24092	2.63213	53 V
K21TH6O	20.4	0.15	K232P	105.814	214.935	218.885	5.848	0.25550	2.38588	57 V
K21TH6P	18.4	0.15	K232P	124.181	283.928	77.938	15.779	0.12737	2.86940	54 V
K21TH6Q	18.3	0.15	K232P	50.591	272.012	185.975	21.670	0.06802	2.63636	54 V
K21UBOP	17.1	0.15	K232P	101.700	167.443	204.661	19.174	0.02576	3.42389	27 V
K21V85M	17.9	0.15	K232P	103.304	302.608	141.978	10.207	0.13668	3.14156	110 V
K22A49T	19.1	0.15	K232P	119.085	197.414	288.544	9.534	0.12989	2.29435	51 V
K22C37G	17.8	0.15	K232P	87.919	104.487	43.667	25.722	0.27990	3.11789	76 V
K22D25P	18.9	0.15	K232P	55.066	41.085	185.930	16.548	0.25339	2.76302	83 V
K22H20E	17.7	0.15	K232P	1.236	245.782	74.410	16.679	0.33009	3.08498	59 V
K22H20F	19.4	0.15	K232P	90.155	104.427	113.142	8.877	0.17678	2.39112	56 V
K22K29K	19.1	0.15	K232P	90.245	94.275	129.327	28.005	0.39141	2.60651	57 V
K22L17R	17.2	0.15	K232P	14.000	235.985	89.671	21.973	0.13207	3.17452	49 V
K22L17S	17.5	0.15	K232P	28.662	255.331	63.059	12.248	0.20019	3.07914	77 V
K22L17T	18.2	0.15	K232P	86.483	150.504	106.101	29.334	0.18104	2.57740	78 V
K22L17U	17.9	0.15	K232P	35.877	232.915	98.708	15.827	0.16213	2.58152	88 V
K22L17V	19.4	0.15	K232P	64.741	229.099	79.016	7.179	0.14789	2.18303	88 V
K22L17W	17.8	0.15	K232P	99.391	153.995	96.000	18.068	0.15173	2.60302	72 V
K22L17X	18.0	0.15	K232P	33.313	253.222	55.045	13.960	0.28412	3.18366	75 V
K22L17Y	19.4	0.15	K232P	23.218	262.298	88.047	18.384	0.52048	3.08083	45 V
K22M13H	18.9	0.15	K232P	26.029	241.223	103.452	9.197	0.32693	2.73279	60 V
K22M13J	18.8	0.15	K232P	59.099	113.956	178.914	5.426	0.27706	2.69460	66 V
K22M13K	17.9	0.15	K232P	15.451	245.884	94.370	17.182	0.25473	3.15823	37 V
K22M13L	18.9	0.15	K232P	81.850	291.523	333.677	9.064	0.17248	2.39369	56 V
K22M13M	18.4	0.15	K232P	53.606	34.750	261.094	11.089	0.16566	2.75014	55 V
K22M13N	17.1	0.15	K232P	75.962	354.307	262.320	16.249	0.15009	3.11316	35 V
K22M13O	19.3	0.15	K232P	65.329	22.060	283.536	7.655	0.14322	2.20555	67 V
K22N15K	18.4	0.15	K232P	56.261	206.610	78.816	5.219	0.17139	2.79035	44 V
K22N15L	18.7	0.15	K232P	22.082	268.045	72.547	8.989	0.22190	2.74883	44 V
K22N15M	18.1	0.15	K232P	43.558	131.584	172.633	9.414	0.17311	2.88451	55 V
K22N15N	19.4	0.15	K232P	55.820	39.744	275.164	9.612	0.24302	2.33536	44 V
K22N15O	17.7	0.15	K232P	21.164	65.858	277.641	14.994	0.24610	3.16936	54 V
K22N15P	18.6	0.15	K232P	40.872	62.396	270.059	11.370	0.20286	2.68138	71 V
K22N15Q	18.2	0.15	K232P	24.075	193.315	153.496	9.465	0.21029	2.76834	76 V
K22N15R	19.3	0.15	K232P	92.259	25.002	245.738	5.966	0.14695	2.38410	53 V
K22N15S	19.0	0.15	K232P	77.777	12.631	281.275	6.306	0.13295	2.35268	69 V
K22N15T	18.0	0.15	K232P	83.280	327.000	293.464	14.044	0.22597	3.06599	53 V
K22N15U	20.8	0.15	K232P	60.601	42.596	309.891	20.942	0.17689	1.84292	70 V
K22O64W	19.6	0.15	K232P	8.699	229.167	161.417	23.154	0.08681	1.92651	61 V
K22O64X	18.5	0.15	K232P	24.404	165.298	163.649	24.333	0.26346	3.14820	40 V
K22O64Y	19.8	0.15	K232P	22.109	262.194	112.323	23.446	0.10036	1.89610	28 V
K22O64Z	18.0	0.15	K232P	62.994	175.355	110.268	13.893	0.15625	2.68144	35 V
K22O65A	19.8	0.15	K232P	65.056	347.824	317.109	5.192	0.24602	2.30198	37 V
K22O65B	19.4	0.15	K232P	19.151	48.328	312.548	14.023	0.38158	3.09499	38 V
K22O65C	18.6	0.15	K232P	74.344	316.803	319.594	27.551	0.20926	2.64060	55 V
K22O65D	18.5	0.15	K232P	26.335	302.388	52.005	12.978	0.25432	2.93903	83 V
K22O65E	19.7	0.15	K232P	77.824	290.146	354.804	4.727	0.15319	2.28148	33 V
K22O65F	18.5	0.15	K232P	44.761	293.677	25.317	13.094	0.30187	2.67670	82 V
K22O65G	17.2	0.15	K232P	81.377	261.497	12.514	19.483	0.07506	2.98493	56 V
K22O65H	20.0	0.15	K232P	56.905	62.396	264.673	3.995	0.21048	2.20599	52 V
K22O65J	17.1	0.15	K232P	77.366	327.586	308.730	15.147	0.14452	3.15872	52 V
K22O65K	18.5	0.15	K232P	68.227	160.706	137.957	34.256	0.19810	2.60336	34 V
K22O65L	18.4	0.15	K232P	28.868	337.356	313.369	13.757	0.47297	4.23803	35 V
K22O65M	18.6	0.15	K232P	77.260	33.313	249.286	8.952	0.11363	2.58833	35 V
K22O65N	18.6	0.15	K232P	17.979	34.131	334.799	13.086	0.28382	2.65651	83 V
K22O65O	19.4	0.15	K232P	23.726	38.975	328.076	32.406	0.27470	2.57027	35 V
K22O65P	18.5	0.15	K232P	76.471	177.652	99.962	4.630	0.16077	2.75417	36 V
K22O65Q	18.4	0.15	K232P	24.179	325.978	27.919	8.597	0.23697	2.76580	49 V
K22P36Y	18.9	0.15	K232P	30.102	44.484	288.182	4.157	0.16497	2.80417	36 V
K22P36Z	18.8	0.15	K232P	48.094	77.731	243.158	10.625	0.17442	2.72597	52 V
K22P37A	19.1	0.15	K232P	29.514	67.374	284.027	12.166	0.21760	2.68129	52 V
K22P37B	17.3	0.15	K232P	353.598	88.462	288.589	12.638	0.07693	3.21092	48 V
K22P37C	18.2	0.15	K232P	13.624	116.115	248.479	10.476	0.24236	3.06782	48 V
K22P37D	17.4	0.15	K232P	28.353	55.829	283.092	9.869	0.06305	3.01602	50 V
K22P37E	18.5	0.15	K232P	4.260	104.279	288.357	11.127	0.17670	2.57871	59 V
K22P37F	18.2	0.15	K232P	31.869	63.165	280.560	7.402	0.13916	3.01723	59 V
K22P37G	18.1	0.15	K232P	66.965	13.001	294.083	14.903	0.22099	2.65227	81 V
K22P37H	17.7	0.15	K232P	45.756	206.901	103.482	11.830	0.20784	3.16207	75 V
K22P37J	18.0	0.15	K232P	62.143	272.636	25.757	7.733	0.21100	2.76457	50 V
K22P37K	18.0	0.15	K232P	19.901	278.647	78.487	10.986	0.12886	2.75225	54 V
K22P37L	16.3	0.15	K232P	343.125	18.373	22.324	15.236	0.31709	3.96402	54 V

K22P37M	19.6	0.15	K232P	67.363	282.626	15.716	13.733	0.30415	2.35061	54 V
K22QN5A	17.4	0.15	K232P	350.258	266.337	115.982	11.774	0.13443	3.03677	29 V
K22QN5B	18.2	0.15	K232P	40.733	286.226	50.882	10.357	0.08733	2.53745	41 V
K22QN5C	18.8	0.15	K232P	35.632	246.420	95.749	10.104	0.18230	2.62727	33 V
K22QN5D	18.0	0.15	K232P	20.465	230.040	124.567	17.449	0.20868	3.12371	33 V
K22QN5E	17.9	0.15	K232P	75.387	182.639	101.646	17.467	0.26366	2.76442	42 V
K22QN5F	18.5	0.15	K232P	5.608	54.922	323.374	12.361	0.13641	2.57902	12 V
K22QN5G	18.3	0.15	K232P	355.288	47.622	345.054	15.058	0.24411	3.15219	35 V
K22QN5H	19.8	0.15	K232P	46.358	239.233	108.911	7.504	0.23984	2.32142	33 V
K22QN5J	19.4	0.15	K232P	35.180	346.966	12.948	7.435	0.13666	2.31333	35 V
K22QN5K	19.4	0.15	K232P	46.483	331.180	14.889	8.248	0.16128	2.26880	40 V
K22QN5L	18.6	0.15	K232P	21.656	257.637	114.419	17.175	0.17715	2.55506	36 V
K22QN5M	20.4	0.15	K232P	43.211	244.090	115.439	3.888	0.26423	2.21183	33 V
K22QN5N	18.7	0.15	K232P	35.245	229.071	120.005	5.836	0.16503	2.74121	33 V
K22QN5O	19.1	0.15	K232P	79.598	269.226	18.277	2.158	0.17050	2.54639	35 V
K22QN5P	19.6	0.15	K232P	32.361	108.379	234.021	7.323	0.32302	3.04620	28 V
K22QN5Q	17.8	0.15	K232P	341.362	186.516	214.019	11.887	0.12260	2.97324	30 V
K22QN5R	18.4	0.15	K232P	359.745	136.890	253.383	8.086	0.14005	2.86777	37 V
K22QN5S	19.4	0.15	K232P	43.988	139.902	198.078	8.402	0.17845	2.57337	38 V
K22QN5T	18.6	0.15	K232P	83.755	351.936	285.331	7.724	0.16993	2.80656	28 V
K22QN5U	17.8	0.15	K232P	340.714	95.227	306.063	10.835	0.06220	2.91401	38 V
K22QN5V	20.0	0.15	K232P	47.223	76.668	267.074	4.919	0.12861	2.30330	38 V
K22QN5W	17.2	0.15	K232P	76.432	20.311	277.603	7.539	0.10643	3.03126	44 V
K22QN5X	19.6	0.15	K232P	135.751	308.663	314.773	18.517	0.08985	1.96218	44 V
K22QN5Y	18.0	0.15	K232P	17.041	155.251	215.352	10.559	0.10577	3.07622	44 V
K22QN5Z	18.7	0.15	K232P	49.830	78.773	250.374	7.726	0.13798	2.72031	28 V
K22QN6A	18.3	0.15	K232P	56.220	36.374	285.237	12.364	0.12992	2.73259	38 V
K22QN6B	19.0	0.15	K232P	21.714	139.611	224.869	8.948	0.24911	2.98456	28 V
K22QN6C	18.1	0.15	K232P	358.303	219.226	168.499	17.602	0.22845	3.11406	34 V
K22QN6D	17.3	0.15	K232P	64.887	356.720	304.745	10.724	0.03315	3.11554	38 V
K22QN6E	19.0	0.15	K232P	25.427	156.852	200.654	2.940	0.16680	2.76255	31 V
K22QN6F	19.6	0.15	K232P	33.817	172.142	189.500	5.066	0.21075	2.37388	59 V
K22QN6G	19.6	0.15	K232P	89.806	320.154	324.675	5.114	0.15295	2.26171	32 V
K22QN6H	19.6	0.15	K232P	69.084	176.194	133.595	2.282	0.18791	2.35413	39 V
K22QN6J	18.3	0.15	K232P	76.266	139.760	153.358	21.738	0.30436	2.76570	59 V
K22QN6K	17.8	0.15	K232P	29.850	124.038	211.294	9.182	0.11591	3.02213	31 V
K22QN6L	19.3	0.15	K232P	51.573	140.583	168.362	13.427	0.26636	2.69581	34 V
K22QN6M	17.3	0.15	K232P	68.814	27.000	263.533	15.569	0.14846	3.12469	42 V
K22QN6N	19.5	0.15	K232P	29.260	202.560	158.861	27.784	0.47786	3.06533	59 V
K22QN6O	18.7	0.15	K232P	9.753	83.908	286.168	15.389	0.24432	3.10852	29 V
K22QN6P	17.5	0.15	K232P	46.330	73.732	250.749	20.765	0.21469	3.09292	37 V
K22QN6Q	18.7	0.15	K232P	13.938	54.369	318.216	4.414	0.14675	2.43266	59 V
K22QN6R	19.5	0.15	K232P	71.873	300.176	10.140	4.049	0.15379	2.27003	31 V
K22QN6S	19.5	0.15	K232P	80.743	297.702	359.950	5.500	0.19104	2.24912	36 V
K22QN6T	18.1	0.15	K232P	9.439	279.860	106.115	6.107	0.17094	2.76644	34 V
K22QN6U	17.6	0.15	K232P	56.491	45.111	266.035	10.214	0.07658	3.13409	22 V
K22QN6V	17.8	0.15	K232P	22.006	40.960	307.228	19.067	0.16424	3.18031	24 V
K22QN6W	19.3	0.15	K232P	36.640	293.045	47.071	9.513	0.34055	2.79012	52 V
K22QN6X	18.2	0.15	K232P	73.624	268.016	24.843	14.532	0.13713	2.62233	52 V
K22QN6Y	18.5	0.15	K232P	19.658	105.492	273.621	10.253	0.17041	2.69785	53 V
K22QN6Z	18.1	0.15	K232P	43.881	61.580	288.098	15.243	0.11700	2.66727	53 V
K22QN7A	19.3	0.15	K232P	67.387	269.075	47.893	6.884	0.11858	2.29320	51 V
K22QN7B	19.5	0.15	K232P	90.885	352.305	293.079	1.846	0.18343	2.36148	31 V
K22QN7C	19.4	0.15	K232P	36.402	16.736	332.077	7.624	0.22831	2.74087	34 V
K22QN7D	20.2	0.15	K232P	23.267	56.674	331.170	1.101	0.24665	2.32699	26 V
K22QN7E	18.1	0.15	K232P	47.914	349.293	340.820	2.301	0.08512	3.03138	26 V
K22QN7F	19.9	0.15	K232P	36.459	78.115	281.545	1.024	0.18896	2.39545	31 V
K22QN7G	18.6	0.15	K232P	71.747	149.006	154.104	2.708	0.11162	2.71556	31 V
K22QN7H	18.3	0.15	K232P	18.213	202.998	161.482	1.581	0.18055	3.09933	31 V
K22QN7J	17.2	0.15	K232P	67.740	127.993	163.688	9.509	0.05114	3.17563	27 V
K22QN7K	19.8	0.15	K232P	14.044	38.219	352.989	10.422	0.38148	2.72465	30 V
K22QN7L	19.0	0.15	K232P	20.767	192.428	172.803	3.745	0.20684	2.62844	30 V
K22QN7M	18.6	0.15	K232P	8.221	345.575	60.858	13.752	0.46002	2.87763	57 V
K22QN7N	18.3	0.15	K232P	21.886	262.730	99.146	17.001	0.29111	3.16073	26 V
K22QN7O	18.0	0.15	K232P	41.546	265.719	68.276	16.985	0.23293	3.09004	34 V
K22QN7P	17.2	0.15	K232P	84.704	17.291	258.947	7.647	0.03170	3.17083	23 V
K22QN7Q	18.3	0.15	K232P	42.591	126.862	191.647	19.563	0.21002	2.91689	46 V
K22QN7R	17.8	0.15	K232P	342.259	97.115	302.968	9.748	0.10629	3.14134	22 V
K22QN7S	19.5	0.15	K232P	43.611	290.302	70.349	7.910	0.16926	2.22886	33 V
K22QN7T	17.4	0.15	K232P	66.728	357.968	311.252	14.370	0.05453	3.03190	27 V
K22QN7U	19.1	0.15	K232P	57.868	295.874	39.170	12.319	0.20194	2.29106	30 V
K22QN7V	18.6	0.15	K232P	26.018	256.153	116.232	15.716	0.16662	2.53049	27 V
K22QN7W	17.3	0.15	K232P	107.146	329.789	308.738	10.078	0.06378	3.05133	32 V
K22QN7X	17.4	0.15	K232P	351.031	124.189	288.137	5.107	0.15346	3.20983	48 V
K22QN7Y	19.0	0.15	K232P	91.838	69.851	207.379	5.045	0.30866	2.54575	32 V
K22QN7Z	17.9	0.15	K232P	32.610	144.191	217.566	7.853	0.09395	3.07393	46 V
K22QN8A	18.2	0.15	K232P	78.452	355.671	303.293	7.509	0.20000	2.96910	46 V
K22QN8B	17.6	0.15	K232P	58.539	298.853	2.478	32.059	0.20744	3.18931	39 V
K22QN8C	18.4	0.15	K232P	36.381	315.927	18.049	16.618	0.24364	3.18704	39 V
K22QN8D	17.7	0.15	K232P	3.221	348.147	37.063	11.757	0.09535	2.88437	50 V
K22QN8E	19.5	0.15	K232P	33.774	277.583	95.395	7.230	0.30520	2.62490	48 V
K22QN8F	17.7	0.15	K232P	89.860	125.225	169.384	28.400	0.16369	2.99831	54 V
K22QN8G	18.8	0.15	K232P	59.687	181.074	150.775	14.642	0.18246	2.62307	49 V
K22QN8H	17.7	0.15	K232P	4.402	261.023	139.511	10.533	0.11470	2.98386	49 V
K22QN8J	18.0	0.15	K232P	45.477	273.680	73.461	10.720	0.12225	2.97038	49 V
K22QN8K	18.4	0.15	K232P	19.652	252.511	130.301	10.617	0.24082	3.13101	47 V
K22QN8L	18.1	0.15	K232P	27.902	87.990	290.124	8.584	0.24518	3.16769	78 V
K22QN8M	19.0	0.15	K232P	75.135	88.481	215.922	11.618	0.27516	2.64710	53 V
K22QN8N	17.7	0.15	K232P	30.968	56.571	319.082	9.073	0.10734	3.15115	49 V
K22QN8O	17.4	0.15	K232P	34.902	252.889	110.296	10.253	0.09100	3.14913	54 V
K22QN8P	17.5	0.15	K232P	12.654	337.112	54.128	10.469	0.10619	3.17095	54 V
K22QN8Q	17.5	0.15	K232P	54.063	253.261	84.726	10.845	0.12685	3.22056	48 V
K22QN8R	17.9	0.15	K232P	11.745	255.519	133.222	12.264	0.15228	3.06929	28 V

K22QN8S	19.0	0.15	K232P	19.998	66.325	332.381	14.639	0.17069	2.51913	47 V
K22QN8T	19.0	0.15	K232P	53.983	189.597	155.902	15.863	0.20744	2.58527	54 V
K22QN8U	18.7	0.15	K232P	95.875	327.667	323.083	8.881	0.16776	2.54230	53 V
K22QN8V	18.8	0.15	K232P	45.965	169.604	168.607	5.490	0.12802	2.60186	28 V
K22R05B	22.5	0.15	K232P	57.017	250.645	208.431	6.829	0.12469	1.06435	366 X
K22R83M	20.3	0.15	K232P	25.385	202.067	171.558	11.811	0.31345	2.70327	32 V
K22R83N	18.3	0.15	K232P	34.894	265.065	88.506	12.220	0.16343	2.67859	36 V
K22R83O	18.4	0.15	K232P	48.748	300.510	37.487	14.970	0.14416	2.60903	42 V
K22R83P	17.8	0.15	K232P	19.562	74.744	282.276	6.254	0.29372	3.98855	31 V
K22R83Q	19.3	0.15	K232P	24.938	104.606	272.517	3.895	0.19612	2.59939	48 V
K22R83R	18.7	0.15	K232P	44.128	356.197	344.874	9.586	0.19238	2.80261	48 V
K22R83S	19.5	0.15	K232P	48.680	48.234	301.592	12.105	0.28151	2.66588	44 V
K22R83T	18.8	0.15	K232P	55.160	267.560	60.327	11.532	0.21764	2.60440	42 V
K22R83U	19.9	0.15	K232P	69.501	187.119	155.417	7.011	0.18493	2.18936	54 V
K22R83V	19.0	0.15	K232P	30.318	222.374	167.369	13.382	0.18873	2.56212	56 V
K22R83W	17.8	0.15	K232P	41.771	265.201	89.502	22.264	0.25466	3.15517	55 V
K22R83X	20.9	0.15	K232P	49.494	327.716	31.662	4.431	0.25111	2.20070	45 V
K22R83Y	19.6	0.15	K232P	58.744	234.795	108.093	11.910	0.18953	2.42598	49 V
K22R83Z	18.8	0.15	K232P	44.360	240.708	133.014	24.226	0.24334	2.35697	73 V
K22R84A	18.1	0.15	K232P	20.032	303.487	112.689	13.770	0.18853	2.64136	77 V
K22SR0Y	18.6	0.15	K232P	79.043	244.376	65.138	23.013	0.23363	2.34026	61 V
K22SR0Z	19.5	0.15	K232P	77.692	211.071	121.874	7.211	0.16105	2.27562	33 V
K22SR1A	18.3	0.15	K232P	1.344	113.492	302.863	8.073	0.20369	3.11206	31 V
K22SR1B	17.8	0.15	K232P	357.140	266.836	168.289	27.403	0.19935	2.97222	62 V
K22SR1C	18.1	0.15	K232P	31.124	80.062	296.972	8.999	0.13699	3.04198	60 V
K22SR1D	19.7	0.15	K232P	17.363	113.921	293.483	6.743	0.11898	2.22573	30 V
K22SR1E	19.4	0.15	K232P	23.291	188.697	207.263	9.793	0.26534	2.71640	40 V
K22SR1F	19.2	0.15	K232P	3.668	57.090	8.377	4.646	0.13199	2.37536	42 V
K22SR1G	18.4	0.15	K232P	44.906	27.020	323.562	26.278	0.19826	2.76675	42 V
K22SR1H	19.7	0.15	K232P	5.795	355.817	61.252	6.872	0.19859	2.33447	31 V
K22SR1J	18.9	0.15	K232P	28.048	285.513	84.578	6.359	0.19326	2.69820	30 V
K22SR1K	18.3	0.15	K232P	24.949	113.365	267.571	4.701	0.04955	2.74995	34 V
K22SR1L	18.2	0.15	K232P	5.058	225.598	191.239	2.447	0.05690	2.74711	42 V
K22SR1M	19.6	0.15	K232P	7.084	154.962	250.331	3.775	0.24847	2.58660	31 V
K22SR1N	18.4	0.15	K232P	36.610	238.747	132.364	17.362	0.17326	2.55549	29 V
K22SR1O	19.1	0.15	K232P	19.306	85.007	295.702	12.724	0.32113	3.07432	26 V
K22SR1P	18.3	0.15	K232P	12.286	79.591	317.702	15.481	0.30079	3.04544	10 V
K22SR1Q	20.6	0.15	K232P	48.822	15.730	339.119	10.174	0.24535	2.34159	24 V
K22SR1R	19.4	0.15	K232P	119.790	5.196	278.173	3.970	0.10734	2.24327	31 V
K22SR1S	18.9	0.15	K232P	51.253	76.917	246.728	4.343	0.28946	3.12538	24 V
K22SR1T	18.4	0.15	K232P	29.940	52.323	344.351	12.174	0.27763	2.62200	84 V
K22SR1U	20.2	0.15	K232P	117.344	134.291	169.922	23.358	0.05423	1.85717	25 V
K22SR1V	19.3	0.15	K232P	13.915	260.837	145.902	15.046	0.27337	2.71349	27 V
K22SR1W	19.4	0.15	K232P	48.445	196.203	149.971	18.493	0.27821	2.66562	27 V
K22SR1X	19.3	0.15	K232P	45.554	300.127	58.739	16.179	0.18088	2.53043	32 V
K22SR1Y	17.2	0.15	K232P	56.626	245.243	92.007	14.493	0.04646	3.19879	32 V
K22SR1Z	17.8	0.15	K232P	84.885	254.727	40.924	26.235	0.27921	3.12818	39 V
K22SR2A	17.7	0.15	K232P	67.741	257.572	60.676	16.898	0.25683	3.16583	32 V
K22SR2B	17.6	0.15	K232P	5.237	246.036	167.356	16.847	0.12315	3.19897	32 V
K22SR2C	18.4	0.15	K232P	32.831	344.323	40.738	15.290	0.09353	2.62818	39 V
K22SR2D	18.1	0.15	K232P	58.593	179.967	158.333	10.071	0.21910	3.08147	39 V
K22SR2E	19.0	0.15	K232P	38.683	315.802	63.471	14.476	0.19611	2.59448	27 V
K22SR2F	18.3	0.15	K232P	41.699	243.833	118.095	11.156	0.23655	3.12981	32 V
K22SR2G	19.6	0.15	K232P	46.922	195.252	151.687	8.218	0.33289	2.74519	26 V
K22SR2H	19.2	0.15	K232P	45.330	20.240	346.598	16.050	0.27287	2.64045	40 V
K22SR2J	19.3	0.15	K232P	60.222	69.365	287.440	7.434	0.14394	2.33003	56 V
K22SR2K	18.4	0.15	K232P	82.880	22.982	283.472	13.740	0.18185	2.53574	26 V
K22SR2L	18.7	0.15	K232P	40.418	317.728	38.377	12.370	0.19830	2.69278	30 V
K22SR2M	18.1	0.15	K232P	35.232	211.137	148.625	10.132	0.12678	3.00274	30 V
K22SR2N	20.1	0.15	K232P	55.868	282.070	63.193	4.756	0.25208	2.29365	30 V
K22SR2O	18.8	0.15	K232P	25.542	195.515	192.439	25.588	0.16763	2.65023	36 V
K22SR2P	19.8	0.15	K232P	92.183	160.734	152.004	6.200	0.12164	2.14376	30 V
K22SR2Q	19.1	0.15	K232P	9.682	168.309	245.393	14.393	0.16431	2.60624	31 V
K22SR2R	19.6	0.15	K232P	70.849	98.045	201.416	28.002	0.33245	2.54822	26 V
K22SR2S	20.2	0.15	K232P	33.703	110.378	261.859	0.472	0.20324	2.41158	8 V
K22SR2T	20.1	0.15	K232P	20.547	263.864	132.850	1.959	0.19084	2.34046	26 V
K22SR2U	20.6	0.15	K232P	56.459	162.858	186.980	2.927	0.22438	2.17863	8 V
K22SR2V	20.1	0.15	K232P	18.022	218.037	189.446	2.614	0.18575	2.22430	26 V
K22SR2W	20.1	0.15	K232P	69.624	134.313	218.888	20.473	0.06222	1.89655	61 V
K22SR2X	17.4	0.15	K232P	0.548	316.948	96.091	18.029	0.24339	3.16183	25 V
K22SR2Y	17.5	0.15	K232P	336.125	126.711	327.393	15.913	0.16933	3.16395	63 V
K22SR2Z	17.7	0.15	K232P	354.960	246.764	190.898	21.650	0.04929	2.66950	60 V
K22SR3A	19.2	0.15	K232P	65.090	113.217	212.155	11.714	0.28474	2.67650	36 V
K22SR3B	18.8	0.15	K232P	69.982	154.965	173.790	7.237	0.34111	2.54824	62 V
K22SR3C	19.5	0.15	K232P	48.737	93.663	276.466	5.520	0.19854	2.40134	36 V
K22SR3D	19.2	0.15	K232P	45.454	59.086	305.482	5.057	0.23468	2.66266	53 V
K22SR3E	19.1	0.15	K232P	57.626	303.445	33.588	14.162	0.19930	2.59534	27 V
K22SR3F	18.7	0.15	K232P	359.774	318.101	105.778	13.333	0.17980	2.53542	59 V
K22SR3G	17.5	0.15	K232P	324.580	50.672	52.022	11.886	0.08775	3.05276	36 V
K22SR3H	20.2	0.15	K232P	46.634	277.049	92.208	3.213	0.21415	2.39862	62 V
K22SR3J	18.0	0.15	K232P	48.382	262.008	75.332	16.262	0.30270	3.14949	51 V
K22SR3K	18.6	0.15	K232P	32.004	236.220	136.437	8.205	0.22975	3.04937	28 V
K22SR3L	18.5	0.15	K232P	34.301	249.337	130.530	12.409	0.09271	2.60738	27 V
K22SR3M	18.5	0.15	K232P	43.207	228.445	146.889	12.259	0.08507	2.55301	28 V
K22SR3N	18.6	0.15	K232P	72.580	298.148	30.654	12.628	0.22500	2.67798	35 V
K22SR3O	18.7	0.15	K232P	8.871	341.563	68.964	13.410	0.28022	3.04102	28 V
K22SR3P	17.7	0.15	K232P	352.200	268.720	158.982	20.838	0.10857	3.09159	59 V
K22SR3Q	18.9	0.15	K232P	73.642	3.437	328.961	9.367	0.03905	2.37877	26 V
K22SR3R	19.0	0.15	K232P	14.201	130.659	270.965	12.338	0.26829	2.63505	28 V
K22SR3S	18.9	0.15	K232P	10.215	123.321	289.978	7.866	0.15366	2.58283	28 V
K22SR3T	18.7	0.15	K232P	44.716	88.234	282.385	7.046	0.08801	2.64922	61 V
K22SR3U	19.3	0.15	K232P	50.718	317.979	34.484	13.063	0.16397	2.69877	58 V
K22SR3V	18.2	0.15	K232P	24.760	137.000	252.214	15.625	0.16262	3.07253	50 V

K22SR3W	17.9	0.15	K232P	340.193	113.746	341.592	11.361	0.16419	2.93674	59 V
K22SR3X	18.4	0.15	K232P	13.340	173.943	224.070	24.816	0.25080	3.08277	26 V
K22SR3Y	18.6	0.15	K232P	26.416	122.351	256.021	12.737	0.29745	3.13119	56 V
K22SR3Z	19.0	0.15	K232P	21.980	52.839	348.742	13.128	0.19021	2.63236	58 V
K22SR4A	18.3	0.15	K232P	72.896	0.908	326.464	12.282	0.20813	2.65063	58 V
K22T41C	21.1	0.15	K232P	50.358	13.188	1.748	20.038	0.10707	1.91861	24 V
K22T41D	20.2	0.15	K232P	28.922	137.033	247.898	2.072	0.27299	2.60108	30 V
K22T41E	19.0	0.15	K232P	53.790	309.943	44.946	5.050	0.19800	2.60605	56 V
K22T41F	19.1	0.15	K232P	53.738	328.654	22.371	33.586	0.22813	2.60128	54 V
K22T41G	18.0	0.15	K232P	45.408	128.285	239.082	7.996	0.15861	2.97291	56 V
K22T41H	19.0	0.15	K232P	15.259	216.498	190.281	1.268	0.15798	2.44279	27 V
K22T41J	18.3	0.15	K232P	16.490	72.517	327.568	9.637	0.21328	3.00179	46 V
K22T41K	22.4	0.15	K232P	58.750	143.381	195.539	3.636	0.38960	2.23480	29 V
K22T41L	17.9	0.15	K232P	353.149	145.635	277.777	1.589	0.07161	3.03041	29 V
K22T41M	18.7	0.15	K232P	358.119	8.483	51.235	6.462	0.03374	2.74613	27 V
K22T41N	18.7	0.15	K232P	61.813	278.521	66.673	14.120	0.25934	2.58502	52 V
K22T41O	18.4	0.15	K232P	55.528	274.513	93.897	14.797	0.11944	2.74697	51 V
K22UC4B	19.7	0.15	K232P	40.929	114.473	254.806	11.908	0.29862	2.60929	31 V
K22UC4C	20.2	0.15	K232P	29.872	82.885	313.119	3.282	0.17758	2.25609	3 V
K22UC4D	18.8	0.15	K232P	19.884	303.968	116.583	14.745	0.18651	2.60810	37 V
K22UC4E	19.9	0.15	K232P	25.022	238.050	164.913	3.084	0.17582	2.43446	13 V
K22UC4F	19.3	0.15	K232P	2.617	52.875	18.644	3.767	0.18302	2.57122	14 V
K22UC4G	20.1	0.15	K232P	51.804	334.329	26.011	4.426	0.28633	2.51955	38 V
K22UC4H	17.9	0.15	K232P	352.738	11.069	73.812	23.064	0.04147	2.68427	55 V
K22UC4J	18.2	0.15	K232P	30.047	300.633	92.775	17.304	0.22742	3.10796	37 V
K22UC4K	17.4	0.15	K232P	28.920	355.946	58.132	35.212	0.32481	3.11932	61 V
K22UC4L	19.2	0.15	K232P	57.511	172.649	188.026	4.405	0.27686	2.55288	54 V
K22UC4M	15.2	0.15	K232P	4.968	316.129	109.089	5.592	0.07208	5.27347	54 V
K22UC4N	19.3	0.15	K232P	38.485	151.555	244.962	4.133	0.22610	2.56571	41 V
K22UC4O	18.5	0.15	K232P	80.644	95.301	229.065	11.446	0.28559	2.65311	34 V
K22UC4P	20.3	0.15	K232P	37.109	336.133	50.017	5.162	0.29991	2.60481	24 V
K22UC4Q	19.4	0.15	K232P	8.974	190.912	238.893	8.970	0.17666	2.56986	34 V
K22UC4R	18.7	0.15	K232P	18.188	205.957	210.712	7.966	0.17956	2.74165	34 V
K22UC4S	17.8	0.15	K232P	39.618	330.966	56.687	29.755	0.21083	3.14052	44 V
K22UC4T	17.1	0.15	K232P	25.190	253.323	130.433	16.672	0.11498	3.18217	32 V
K22UC4U	20.7	0.15	K232P	49.262	162.268	195.429	5.553	0.38179	2.55318	32 V
K22UC4V	19.6	0.15	K232P	65.199	275.863	85.285	4.302	0.14806	2.38786	32 V
K22UC4W	18.7	0.15	K232P	113.213	229.030	83.719	5.232	0.06204	2.76949	22 V
K22UC4X	18.7	0.15	K232P	28.451	324.636	79.938	5.532	0.15074	2.62642	32 V
K22UC4Y	18.8	0.15	K232P	45.805	190.525	188.322	4.390	0.14916	2.70854	31 V
K22UC4Z	17.8	0.15	K232P	48.367	171.409	206.928	13.050	0.13644	3.01586	49 V
K22UC5A	19.3	0.15	K232P	18.629	340.104	95.381	2.228	0.16066	2.32578	47 V
K22UC5B	20.0	0.15	K232P	42.973	33.407	354.746	1.430	0.18962	2.31306	38 V
K22UC5C	20.1	0.15	K232P	76.076	173.378	167.772	2.812	0.22887	2.30326	28 V
K22UC5D	18.8	0.15	K232P	45.341	199.284	183.281	4.110	0.09048	2.84799	18 V
K22UC5E	19.1	0.15	K232P	39.461	291.183	99.199	3.571	0.08572	2.73382	18 V
K22UC5F	19.0	0.15	K232P	54.269	145.252	208.807	9.648	0.24093	3.10460	28 V
K22UC5G	19.4	0.15	K232P	55.390	178.334	187.409	4.595	0.19141	2.57668	28 V
K22UC5H	19.7	0.15	K232P	31.097	213.342	191.403	4.703	0.10470	2.43317	28 V
K22UC5J	18.8	0.15	K232P	56.897	293.620	76.448	5.697	0.09896	2.73659	28 V
K22UC5K	20.2	0.15	K232P	25.281	311.436	101.394	3.219	0.17685	2.44897	28 V
K22UC5L	19.6	0.15	K232P	55.231	192.857	177.529	2.962	0.20605	2.37885	26 V
K22W27W	18.0	0.15	K232P	310.342	269.888	257.097	11.693	0.21643	2.58689	31 V
K23A02H	21.6	0.15	K232P	345.958	54.275	136.961	13.060	0.37038	1.64920	137 X
K23A06T	18.6	0.15	K232P	8.885	328.265	153.423	3.568	0.06830	2.56473	9 V
K23A06U	19.5	0.15	K232P	37.612	135.633	302.194	2.861	0.23417	2.53905	14 V
K23A06V	17.2	0.15	K232P	20.482	349.835	118.317	28.305	0.12172	3.20987	36 V
K23A06W	17.5	0.15	K232P	19.654	340.665	129.094	17.255	0.16172	3.18534	36 V
K23A06X	17.6	0.15	K232P	320.982	260.789	289.765	8.493	0.18366	3.15262	28 V
K23A06Y	19.8	0.15	K232P	20.817	163.461	311.844	5.026	0.19680	2.32964	27 V
K23B04B	21.0	0.15	K232P	349.108	100.968	94.046	19.686	0.59601	2.55910	128 X
K23B15O	18.6	0.15	K232P	345.962	57.997	97.013	14.112	0.15584	2.73029	24 V
K23B15P	18.3	0.15	K232P	24.963	22.883	70.264	11.290	0.18000	3.12784	18 V
K23B15Q	18.5	0.15	K232P	28.206	237.121	242.683	7.233	0.01945	3.07288	6 V
K23B15R	17.8	0.15	K232P	349.792	346.170	173.111	12.946	0.02743	3.08608	6 V
K23B15S	18.7	0.15	K232P	122.595	212.104	167.907	16.203	0.06182	3.10934	6 V
K23B15T	18.0	0.15	K232P	44.414	292.388	172.221	14.699	0.00191	3.08187	6 V
K23B15U	19.9	0.15	K232P	357.770	291.709	220.694	5.348	0.05008	2.39861	6 V
K23C03L	22.4	0.15	K232P	331.852	140.552	73.641	4.273	0.41178	1.72310	130 X
K23D03A	20.0	0.15	K232P	337.845	56.324	186.618	10.272	0.60784	2.86461	94 X
K23D05J	20.9	0.15	K232P	16.303	260.554	225.944	4.513	0.23647	2.29653	9 V
K23D05K	19.5	0.15	K232P	34.516	223.401	238.589	5.680	0.20127	2.98009	9 V
K23D05L	18.3	0.15	K232P	40.042	251.094	201.205	8.834	0.21252	3.62823	9 V
K23D05M	20.6	0.15	K232P	335.155	264.381	289.815	8.482	0.24344	2.70647	9 V
K23D05N	17.6	0.15	K232P	326.505	333.712	234.096	7.932	0.08989	3.01039	27 V
K23D05O	20.6	0.15	K232P	17.909	44.963	73.291	2.306	0.49498	2.80351	24 V
K23E11F	17.6	0.15	K232P	327.261	22.204	182.280	2.657	0.07354	2.98691	11 V
K23E11G	19.3	0.15	K232P	334.129	253.837	293.136	6.328	0.10122	2.26057	3 V
K23E11H	19.2	0.15	K232P	275.988	3.463	245.849	5.410	0.09788	2.44698	17 V
K23E11J	19.8	0.15	K232P	43.105	194.744	268.278	5.389	0.11339	2.37906	12 V
K23E11K	18.8	0.15	K232P	72.182	226.702	206.103	9.445	0.08802	2.97504	12 V
K23E11L	19.0	0.15	K232P	46.398	170.766	287.614	8.740	0.11845	3.12169	12 V
K23E11M	18.7	0.15	K232P	54.899	141.614	299.089	9.120	0.18753	3.10202	12 V
K23E11N	19.3	0.15	K232P	49.342	159.070	300.439	9.085	0.07559	2.62284	9 V
K23E11O	18.8	0.15	K232P	61.296	155.272	292.767	8.874	0.06570	3.02691	15 V
K23E11P	18.5	0.15	K232P	114.622	184.282	212.382	8.196	0.04484	3.16244	15 V
K23E11Q	19.0	0.15	K232P	49.565	166.772	280.430	6.753	0.18763	2.79038	9 V
K23E11R	18.7	0.15	K232P	294.365	307.533	297.238	8.909	0.20017	3.13740	9 V
K23E11S	17.7	0.15	K232P	335.263	245.610	328.297	14.806	0.23786	3.13312	33 V
K23E11T	18.2	0.15	K232P	295.748	24.422	239.795	13.817	0.08532	2.48648	12 V
K23F02B	21.2	0.15	K232P	338.085	84.571	162.747	19.043	0.57749	2.64263	93 X
K23F02O	20.2	0.15	K232P	332.418	104.225	150.490	10.537	0.45282	2.42693	76 X
K23F12G	20.6	0.15	K232P	334.481	39.669	207.339	15.314	0.44960	2.36758	67 X

K23F14S	21.3	0.15	K232P	334.018	151.908	114.612	11.629	0.64751	2.68092	75	X
K23F39G	18.5	0.15	K232P	347.481	345.755	209.814	1.065	0.12026	2.40205	33	V
K23F39H	18.0	0.15	K232P	17.030	143.290	1.642	12.266	0.23250	3.07255	36	V
K23F39J	18.9	0.15	K232P	324.456	220.339	5.040	11.429	0.21996	2.80786	32	V
K23F39K	18.1	0.15	K232P	306.450	153.020	87.746	3.662	0.10893	2.76014	11	V
K23F39L	19.8	0.15	K232P	1.690	164.906	4.315	22.181	0.04761	1.95331	36	V
K23F39M	17.6	0.15	K232P	9.230	95.682	53.162	4.812	0.12423	3.12199	5	V
K23F39N	18.9	0.15	K232P	1.238	50.019	124.109	13.623	0.18471	2.65362	11	V
K23F39O	18.4	0.15	K232P	347.549	237.869	315.634	6.620	0.16172	2.74413	11	V
K23F39P	17.9	0.15	K232P	3.688	307.786	223.122	11.673	0.22118	3.10458	32	V
K23F39Q	18.6	0.15	K232P	341.883	182.639	25.816	1.796	0.14738	2.72455	31	V
K23F39R	19.0	0.15	K232P	336.877	86.866	126.426	2.242	0.14332	2.38955	37	V
K23F39S	18.9	0.15	K232P	344.253	152.427	56.455	14.012	0.19821	2.65500	36	V
K23F39T	17.9	0.15	K232P	307.931	123.469	134.789	9.070	0.16247	2.73687	28	V
K23F39U	17.6	0.15	K232P	32.928	143.643	345.826	16.993	0.17428	3.09273	34	V
K23F39V	17.4	0.15	K232P	352.454	114.920	57.915	9.919	0.09639	3.06644	28	V
K23F39W	19.2	0.15	K232P	358.005	178.612	355.697	13.817	0.19314	2.59020	34	V
K23F39X	18.8	0.15	K232P	0.583	58.982	127.094	5.467	0.15083	2.41992	38	V
K23F39Y	18.9	0.15	K232P	16.593	266.881	224.840	10.379	0.32631	2.70584	35	V
K23F39Z	17.3	0.15	K232P	12.281	282.902	231.940	11.083	0.17113	3.09140	29	V
K23F40A	17.1	0.15	K232P	263.526	320.821	333.804	26.781	0.21496	2.90349	37	V
K23F40B	17.7	0.15	K232P	355.968	265.273	279.618	11.179	0.17495	2.99543	28	V
K23F40C	18.9	0.15	K232P	311.751	346.157	257.552	9.311	0.18899	2.44850	29	V
K23F40D	18.2	0.15	K232P	14.411	246.562	275.785	10.355	0.12326	2.53468	28	V
K23F40E	18.5	0.15	K232P	345.981	276.975	288.380	8.456	0.26724	3.05360	28	V
K23F40F	18.2	0.15	K232P	350.928	314.581	239.651	13.697	0.10748	2.73701	28	V
K23F40G	18.7	0.15	K232P	358.367	218.396	326.986	11.904	0.19368	2.65163	28	V
K23F40H	17.3	0.15	K232P	315.018	349.474	254.812	9.637	0.12843	3.18192	28	V
K23F40J	18.2	0.15	K232P	5.413	41.898	120.091	13.218	0.22848	2.64781	26	V
K23F40K	18.5	0.15	K232P	1.531	43.089	121.735	13.201	0.22975	2.64012	27	V
K23F40L	18.2	0.15	K232P	338.321	125.411	89.797	28.823	0.20536	2.75294	33	V
K23F40M	19.2	0.15	K232P	15.418	159.373	353.775	5.809	0.26011	2.59400	35	V
K23F40N	18.5	0.15	K232P	329.088	229.675	3.070	13.505	0.22050	2.60375	35	V
K23F40O	18.1	0.15	K232P	282.428	152.632	114.286	7.170	0.08072	2.64636	21	V
K23F40P	20.6	0.15	K232P	336.753	15.704	181.205	22.350	0.04138	1.83432	22	V
K23F40Q	17.9	0.15	K232P	339.283	178.103	23.929	13.013	0.13543	3.06187	20	V
K23F40R	19.0	0.15	K232P	16.658	357.168	159.863	14.777	0.15260	2.56197	21	V
K23F40S	19.5	0.15	K232P	316.229	208.970	29.813	5.433	0.19245	2.35456	3	V
K23F40T	17.6	0.15	K232P	1.896	31.122	153.212	6.123	0.13322	3.17868	29	V
K23F40U	18.0	0.15	K232P	343.549	89.785	109.066	2.258	0.13795	3.17862	20	V
K23F40V	18.2	0.15	K232P	43.963	144.901	344.663	14.741	0.06006	2.57197	22	V
K23F40W	17.9	0.15	K232P	4.249	327.311	207.757	16.353	0.18228	3.12156	27	V
K23F40X	17.7	0.15	K232P	334.358	219.343	3.797	2.446	0.14973	3.05988	27	V
K23F40Y	18.0	0.15	K232P	24.407	148.362	6.096	29.048	0.16982	2.60277	28	V
K23F40Z	19.0	0.15	K232P	312.917	272.466	343.073	11.101	0.23103	2.57644	28	V
K23F41A	18.4	0.15	K232P	344.221	239.260	337.692	13.274	0.24338	3.15767	22	V
K23F41B	18.5	0.15	K232P	11.591	24.280	149.628	7.335	0.04501	2.60298	27	V
K23F41C	16.7	0.15	K232P	295.866	0.425	255.435	18.229	0.24144	3.15268	29	V
K23F41D	17.7	0.15	K232P	325.992	313.694	272.045	9.779	0.15866	3.10200	28	V
K23F41E	17.8	0.15	K232P	329.599	320.282	267.407	8.878	0.17015	3.12045	27	V
K23F41F	18.8	0.15	K232P	353.957	262.306	293.036	8.619	0.19604	2.74980	27	V
K23F41G	18.0	0.15	K232P	312.329	217.267	37.748	4.268	0.27719	3.00130	27	V
K23F41H	19.4	0.15	K232P	332.667	314.206	277.165	9.152	0.28664	2.33334	27	V
K23F41J	17.1	0.15	K232P	340.099	316.850	261.696	15.328	0.09768	3.20087	21	V
K23F41K	17.9	0.15	K232P	321.799	288.904	312.632	11.862	0.10976	2.63648	27	V
K23F41L	19.0	0.15	K232P	318.653	270.048	348.015	14.740	0.27534	2.57766	28	V
K23F41M	17.4	0.15	K232P	311.264	115.333	112.505	13.167	0.06749	3.03963	19	V
K23F41N	17.8	0.15	K232P	305.759	333.409	297.020	13.968	0.23110	3.16371	21	V
K23F41O	19.1	0.15	K232P	34.444	70.508	58.047	3.071	0.17900	2.67908	9	V
K23F41P	19.2	0.15	K232P	345.385	165.559	41.483	11.311	0.11571	2.39231	28	V
K23F41Q	17.8	0.15	K232P	298.838	177.645	81.419	2.903	0.09297	2.85840	28	V
K23F41R	17.9	0.15	K232P	73.341	189.867	243.454	7.724	0.07556	3.46626	12	V
K23F41S	19.9	0.15	K232P	345.284	261.132	275.455	6.264	0.15924	2.71972	12	V
K23F41T	18.0	0.15	K232P	103.330	137.046	274.200	7.719	0.01871	3.23584	9	V
K23F41U	18.2	0.15	K232P	206.722	116.976	196.057	10.634	0.08365	3.13942	12	V
K23F41V	18.0	0.15	K232P	350.517	17.420	174.513	13.614	0.16512	3.06357	36	V
K23F41W	18.1	0.15	K232P	30.630	270.116	210.015	8.447	0.08963	3.12464	18	V
K23F41X	20.4	0.15	K232P	42.120	204.954	254.527	4.774	0.16757	2.30832	6	V
K23F41Y	18.0	0.15	K232P	27.079	211.381	269.311	7.522	0.13415	3.98676	6	V
K23F41Z	20.0	0.15	K232P	85.124	240.000	180.240	21.925	0.09816	1.93387	6	V
K23F42A	20.4	0.15	K232P	306.299	327.033	266.056	5.570	0.20720	2.27363	21	V
K23F42B	17.9	0.15	K232P	247.127	31.462	249.864	6.729	0.11409	2.98971	6	V
K23F42C	18.6	0.15	K232P	41.480	246.616	209.476	9.235	0.19574	3.16789	6	V
K23F42D	17.8	0.15	K232P	228.723	71.560	222.105	8.258	0.07665	3.18026	5	V
K23F42E	20.4	0.15	K232P	324.873	307.287	257.957	5.217	0.16793	2.31336	26	V
K23F42F	17.7	0.15	K232P	239.185	52.671	227.897	7.816	0.03185	3.05075	13	V
K23G01J	21.9	0.15	K232P	296.359	196.984	56.581	17.189	0.27608	1.39596	50	X
K23G03B	21.8	0.15	K232P	329.117	168.356	88.217	7.469	0.47314	2.03773	48	X
K23G08G	17.2	0.15	K232P	287.578	212.282	69.357	6.087	0.13289	3.12158	35	V
K23G08H	17.9	0.15	K232P	16.940	110.492	62.923	22.271	0.18076	3.19147	30	V
K23G08J	18.6	0.15	K232P	315.916	117.295	137.244	9.038	0.16137	2.72865	30	V
K23G08K	18.8	0.15	K232P	0.296	303.490	240.473	22.934	0.45625	3.24784	30	V
K23G08L	17.8	0.15	K232P	14.200	279.372	247.512	23.174	0.26443	2.72309	30	V
K23G08M	18.4	0.15	K232P	28.298	89.816	62.365	9.472	0.26386	2.79198	27	V
K23G08N	19.3	0.15	K232P	344.552	150.347	65.183	5.146	0.05287	2.18395	27	V
K23G08O	18.2	0.15	K232P	324.544	167.572	78.167	1.855	0.15489	3.02352	29	V
K23G08P	19.6	0.15	K232P	341.894	155.551	60.164	2.940	0.15213	2.42293	9	V
K23G08Q	18.8	0.15	K232P	316.931	241.351	25.361	10.796	0.21876	2.56679	33	V
K23G08R	18.9	0.15	K232P	329.689	302.515	297.107	0.865	0.15967	2.36687	33	V
K23G08S	19.0	0.15	K232P	12.513	319.448	227.968	0.517	0.12821	2.36826	30	V
K23G08T	17.9	0.15	K232P	25.281	134.588	32.849	13.999	0.21401	2.97668	33	V
K23G08U	18.0	0.15	K232P	309.661	37.629	227.350	27.120	0.22693	3.13323	38	V
K23G08V	18.8	0.15	K232P	311.898	358.207	259.641	12.337	0.20784	2.56711	38	V

K23H02Q	16.1	0.15	K232P	328.164	135.907	232.181	67.253	0.79790	3.36914	43	X
K23H02X	25.2	0.15	K232P	343.585	347.265	196.554	9.562	0.35847	1.55031	34	X
K23H04H	22.0	0.15	K232P	277.531	224.885	61.784	25.815	0.28378	1.40122	40	X
K23H05R	20.9	0.15	K232P	312.024	185.130	102.684	11.474	0.53633	2.01843	50	X
K23H06O	20.8	0.15	K232P	298.284	199.504	99.365	8.349	0.42024	1.74831	36	X
K23H06U	23.9	0.15	K232P	337.213	125.844	109.218	5.466	0.50724	2.30136	35	X
K23H07U	19.8	0.15	K232P	34.362	63.152	69.072	39.033	0.25826	1.70250	33	X
K23H18O	25.2	0.15	K232P	268.104	194.761	73.306	7.541	0.11322	1.14386	40	X
K23H20R	18.5	0.15	K232P	344.346	174.955	60.188	18.355	0.23570	2.75545	32	X
K23H22U	18.9	0.15	K232P	323.838	34.852	234.026	7.160	0.33084	2.39376	32	V
K23H22V	18.4	0.15	K232P	345.858	315.478	250.276	12.022	0.20414	2.69778	32	V
K23H22W	18.6	0.15	K232P	349.572	310.653	250.422	10.719	0.21182	2.69876	32	V
K23H22X	17.3	0.15	K232P	342.039	229.610	341.664	10.916	0.11508	2.70969	26	V
K23H22Y	18.6	0.15	K232P	26.416	240.764	271.039	10.570	0.24369	2.61446	29	V
K23H22Z	18.5	0.15	K232P	323.742	302.503	290.644	9.374	0.09148	2.56495	8	V
K23H23A	19.7	0.15	K232P	344.500	187.731	20.252	3.558	0.13522	2.27423	24	V
K23H23B	18.5	0.15	K232P	1.618	51.714	150.216	13.219	0.12430	2.74553	28	V
K23H23C	19.7	0.15	K232P	316.203	71.044	173.964	2.035	0.13342	2.29287	8	V
K23H23D	18.5	0.15	K232P	47.954	88.915	42.377	2.777	0.15466	2.69093	8	V
K23H23E	19.9	0.15	K232P	338.592	14.817	203.005	5.039	0.18421	2.33524	24	V
K23H23F	19.9	0.15	K232P	329.049	33.402	193.591	1.744	0.11148	2.24346	8	V
K23H23G	17.7	0.15	K232P	318.078	146.686	109.877	9.999	0.13545	3.11765	27	V
K23H23H	17.3	0.15	K232P	20.792	114.939	64.384	27.636	0.07864	3.08614	28	V
K23H23J	17.7	0.15	K232P	351.952	335.085	243.612	13.187	0.07151	2.70203	32	V
K23H23K	17.4	0.15	K232P	345.299	294.454	289.067	13.069	0.15900	2.69538	24	V
K23H23L	18.4	0.15	K232P	283.215	299.325	22.534	18.851	0.30127	2.56221	24	V
K23H23M	17.8	0.15	K232P	353.997	238.518	347.380	7.458	0.04438	2.87721	32	V
K23H23N	17.2	0.15	K232P	301.990	354.639	268.860	15.810	0.16129	3.19030	31	V
K23H23O	19.5	0.15	K232P	2.557	117.669	77.559	4.401	0.10774	2.19656	11	V
K23H23P	17.9	0.15	K232P	351.768	175.564	32.265	14.551	0.11627	3.09519	27	V
K23H23Q	19.4	0.15	K232P	3.336	174.649	15.790	4.827	0.13275	2.26463	31	V
K23H23R	19.4	0.15	K232P	339.416	303.050	275.739	5.042	0.12029	2.21592	26	V
K23H23S	17.8	0.15	K232P	354.950	282.670	286.500	4.171	0.07682	2.70159	31	V
K23H23T	19.6	0.15	K232P	336.895	198.278	29.123	5.869	0.17522	2.33700	31	V
K23H23U	19.2	0.15	K232P	318.984	225.084	16.147	2.544	0.17136	2.14478	23	V
K23H23V	17.9	0.15	K232P	330.911	187.381	56.692	11.280	0.06925	2.80947	28	V
K23H23W	19.5	0.15	K232P	305.897	273.986	349.334	1.027	0.19401	2.36936	27	V
K23H23X	17.7	0.15	K232P	275.292	247.670	68.786	13.034	0.15482	2.86372	40	V
K23H23Y	17.8	0.15	K232P	3.459	24.444	180.653	9.161	0.18378	3.12510	34	V
K23H23Z	17.6	0.15	K232P	25.669	347.680	183.381	10.023	0.01788	2.98031	28	V
K23H24A	17.7	0.15	K232P	345.198	74.341	144.198	0.308	0.07817	2.97199	19	V
K23H24B	18.2	0.15	K232P	342.611	7.756	221.497	7.202	0.15902	3.06262	21	V
K23H24C	17.7	0.15	K232P	2.037	320.983	231.839	8.962	0.09716	3.19210	22	V
K23H24D	19.6	0.15	K232P	3.525	267.585	278.792	8.533	0.18941	2.36622	22	V
K23H24E	20.1	0.15	K232P	328.707	240.735	6.365	7.328	0.29028	2.38505	23	V
K23H24F	19.4	0.15	K232P	8.916	297.797	244.956	9.201	0.21439	2.40264	25	V
K23H24G	17.5	0.15	K232P	12.885	171.489	18.635	11.169	0.06784	3.00584	25	V
K23H24H	17.5	0.15	K232P	336.947	119.214	130.318	16.776	0.17380	3.16700	23	V
K23H24J	18.3	0.15	K232P	21.240	106.561	79.725	12.717	0.15003	2.57900	19	V
K23H24K	17.0	0.15	K232P	296.650	238.419	59.521	16.273	0.22915	3.16237	18	V
K23H24L	17.7	0.15	K232P	324.904	209.151	58.316	3.581	0.17234	3.06365	22	V
K23H24M	18.4	0.15	K232P	8.387	342.004	217.246	9.295	0.18992	2.59863	33	V
K23H24N	18.9	0.15	K232P	345.202	322.596	251.963	3.803	0.16366	2.65544	20	V
K23H24O	20.1	0.15	K232P	7.768	34.299	144.638	6.444	0.30848	2.33793	27	V
K23H24P	18.2	0.15	K232P	307.528	124.554	150.045	9.605	0.09213	2.62607	27	V
K23H24Q	18.1	0.15	K232P	324.222	21.859	238.935	4.277	0.12607	2.76966	22	V
K23H24R	18.4	0.15	K232P	319.674	227.262	56.473	14.394	0.28711	3.07932	22	V
K23H24S	18.5	0.15	K232P	322.036	349.262	274.253	12.033	0.25246	2.61853	31	V
K23H24T	19.6	0.15	K232P	331.192	182.603	54.049	3.344	0.15264	2.27388	17	V
K23H24U	18.2	0.15	K232P	326.912	184.740	63.287	14.042	0.10844	2.68095	20	V
K23H24V	17.6	0.15	K232P	303.730	235.467	57.142	16.378	0.21545	3.12686	32	V
K23H24W	18.5	0.15	K232P	9.510	351.639	213.720	11.834	0.12487	2.64140	21	V
K23H24X	19.2	0.15	K232P	348.023	135.172	90.693	8.208	0.16875	2.56972	15	V
K23H24Y	18.1	0.15	K232P	13.861	335.073	209.869	0.317	0.18073	3.04871	20	V
K23H24Z	19.1	0.15	K232P	21.375	320.118	205.680	1.035	0.15995	2.41724	16	V
K23J00B	21.4	0.15	K232P	2.863	29.289	113.106	20.413	0.51656	1.73188	27	X
K23J01M	25.9	0.15	K232P	266.519	60.058	230.486	3.820	0.22787	1.25456	22	X
K23J01T	23.5	0.15	K232P	331.882	143.347	120.266	2.329	0.54296	2.43692	22	X
K23J02R	24.8	0.15	K232P	327.105	176.136	81.294	7.074	0.50245	2.10838	20	X
K23J03B	24.2	0.15	K232P	151.738	289.735	88.838	5.449	0.25225	0.94002	19	X
K23J04C	25.4	0.15	K232P	103.174	210.480	191.135	2.403	0.21463	0.87112	19	X
K23J05E	25.1	0.15	K232P	266.819	299.848	10.694	0.865	0.34852	1.33506	19	X
K23J05M	25.5	0.15	K232P	310.582	122.200	121.662	2.069	0.25236	1.47623	17	X
K23J05Q	24.4	0.15	K232P	253.384	249.350	65.686	9.827	0.27183	1.29138	12	X
K23J07R	23.3	0.15	K232P	293.870	36.329	228.430	24.027	0.18337	1.37855	18	X
K23J10E	19.3	0.15	K232P	337.213	154.685	83.112	6.989	0.13070	2.32754	16	X
K23J11G	19.0	0.15	K232P	314.749	131.586	173.415	20.566	0.41466	2.73987	18	X
K23J16N	15.5	0.15	K232P	223.962	342.632	11.232	3.602	0.14967	2.72109	15	X
K23J16P	17.5	0.15	K232P	327.543	334.630	272.547	10.435	0.18266	3.00670	16	V
K23J16Q	19.2	0.15	K232P	357.621	35.528	175.036	4.542	0.08713	2.32631	15	V
K23J16R	19.7	0.15	K232P	320.249	128.095	129.680	2.912	0.18610	2.35414	15	V
K23J16S	19.8	0.15	K232P	312.074	39.140	235.402	4.135	0.25097	2.31736	15	V
K23J16T	18.7	0.15	K232P	317.880	211.461	58.212	1.641	0.23212	2.63038	14	V
K23J16U	19.3	0.15	K232P	290.978	270.024	36.928	10.126	0.25430	2.34357	13	V
K23J16V	18.1	0.15	K232P	291.700	239.879	51.948	11.474	0.10836	2.83709	6	V
K23J16W	17.9	0.15	K232P	282.470	197.570	96.938	8.554	0.02660	2.80703	3	V
K23J16X	19.6	0.15	K232P	349.945	116.277	105.821	3.742	0.14480	2.36194	15	V
K23J16Y	17.4	0.15	K232P	203.287	336.003	41.974	9.630	0.12704	2.78502	6	V
K23J16Z	17.4	0.15	K232P	245.546	277.915	54.685	13.305	0.02817	2.97750	15	V
K23J17A	18.1	0.15	K232P	291.510	219.550	70.222	3.791	0.07344	2.75226	15	V
K23J17B	17.8	0.15	K232P	328.526	15.582	235.042	3.599	0.11708	2.96166	6	V
K23J17C	19.1	0.15	K232P	313.040	64.468	222.593	11.917	0.24264	2.62851	14	V
K23J17D	19.7	0.15	K232P	324.122	81.798	172.399	3.326	0.14398	2.18070	14	V

K23J17E	19.1	0.15	K232P	336.840	80.026	185.141	10.036	0.40861	3.27272	10	V
K23J17F	17.5	0.15	K232P	290.380	158.114	157.696	11.077	0.21646	3.13845	9	V
K23J17G	19.3	0.15	K232P	336.515	139.962	105.798	11.794	0.23165	2.73159	3	V
K23J17H	19.8	0.15	K232P	337.032	120.829	115.099	2.419	0.14370	2.31622	15	V
K23J17J	18.9	0.15	K232P	348.242	47.856	183.129	4.443	0.16875	2.61083	9	V
K23J17K	18.8	0.15	K232P	293.548	165.565	143.584	3.451	0.21420	2.39059	14	V
K23J17L	19.4	0.15	K232P	346.991	133.511	96.418	7.522	0.13028	2.24904	14	V
K23J17M	19.6	0.15	K232P	295.071	309.716	340.543	0.690	0.17797	2.35027	13	V
K23J17N	17.7	0.15	K232P	207.673	100.361	273.112	4.569	0.01544	2.68973	14	V
K23J17O	18.4	0.15	K232P	307.380	248.930	33.170	6.110	0.13688	2.68948	5	V
K23J17P	17.1	0.15	K232P	296.757	107.786	190.014	12.658	0.12282	3.20045	10	V
K23J17Q	17.9	0.15	K232P	319.329	139.163	138.449	16.985	0.18466	3.05726	14	V
K23J17R	18.5	0.15	K232P	319.328	150.150	127.067	22.627	0.23529	2.77020	13	V
K23J17S	17.6	0.15	K232P	304.399	12.556	276.232	7.329	0.10613	2.94398	14	V
K23J17T	19.0	0.15	K232P	339.459	129.096	110.359	7.794	0.15808	2.28466	11	V
K23J17U	17.3	0.15	K232P	56.711	55.827	101.408	10.088	0.10208	3.05264	12	V
K23J17V	18.5	0.15	K232P	13.589	46.785	154.206	9.507	0.18436	2.69455	12	V
K23J17W	19.9	0.15	K232P	312.270	142.116	135.472	3.713	0.21982	2.41847	12	V
K23J17X	17.4	0.15	K232P	0.449	111.012	115.266	10.576	0.05370	3.17460	11	V
K23K00G	25.7	0.15	K232P	299.766	34.730	236.290	6.641	0.30648	1.53686	16	X
K23K00Q	24.9	0.15	K232P	92.304	166.776	240.337	10.403	0.22578	0.85720	12	X
K23K01Y	23.4	0.15	K232P	323.746	100.627	175.088	7.631	0.52112	2.17070	11	X
K23K02B	26.1	0.15	K232P	329.284	345.418	238.392	6.052	0.42478	1.76545	10	X
K23K02M	24.8	0.15	K232P	285.239	110.000	230.115	9.953	0.58839	1.56551	10	X
K23K02S	26.1	0.15	K232P	330.129	207.049	71.239	4.683	0.59971	2.48282	19	X
K23K03L	16.1	0.15	K232P	305.493	269.062	49.139	20.645	0.36728	2.95493	14	V
K23K03T	23.7	0.15	K232P	343.063	315.218	238.654	4.309	0.58705	2.12264	5	X
K23K03X	25.8	0.15	K232P	5.826	67.716	68.913	2.959	0.10700	0.98900	4	X
K23K03Y	26.1	0.15	K232P	332.863	114.342	70.300	7.794	0.29246	1.28419	4	X
K23K04A	24.6	0.15	K232P	324.589	317.338	242.178	18.974	0.16185	1.18902	5	X
K23K04C	20.4	0.15	K232P	301.020	159.975	217.117	14.949	0.80317	1.96124	7	X
K23K04M	22.7	0.15	K232P	3.975	293.448	237.856	23.064	0.07373	1.22334	5	X
K23K04R	21.6	0.15	K232P	350.679	32.269	78.807	27.032	0.60109	1.27997	4	X
K23K05E	25.8	0.15	K232P	328.141	170.386	72.517	9.705	0.48155	1.97475	3	X
K23K05F	26.4	0.15	K232P	4.539	240.927	243.516	24.894	0.19693	0.95883	5	V
K23K05G	19.4	0.15	K232P	312.749	166.380	120.018	2.134	0.31762	2.37406	5	V
K23K05H	23.4	0.15	K232P	320.988	338.446	244.251	31.960	0.34496	1.50446	2	X
K23K05J	17.6	0.15	K232P	320.333	85.552	257.095	25.890	0.42585	2.51606	5	X
K23K05K	18.8	0.15	K232P	9.598	343.219	219.187	7.953	0.10344	2.56935	11	V
K23K05L	22.9	0.15	K232P	349.634	105.657	74.194	5.725	0.74008	2.82015	2	V
K23K05M	21.1	0.15	K232P	317.883	131.263	85.048	24.741	0.16462	1.19148	2	V
K23K05N	24.1	0.15	K232P	341.935	13.103	173.954	5.140	0.53312	1.86227	3	V
K23K05O	23.1	0.15	K232P	278.389	86.365	233.250	27.668	0.39928	1.48064	2	V
K23K05P	24.0	0.15	K232P	312.407	128.489	165.888	5.959	0.50939	1.96352	2	V
K23K05Q	18.8	0.15	K232P	49.934	220.724	215.672	67.607	0.07457	0.87471	3	V

New observations:

K10H33D	1C2023	06	01.38484321	14	35.650+18	04	53.94	21.79	GVEL007G96	
K10H33D	1C2023	06	01.38998421	14	35.797+18	04	55.63	21.16	GVEL007G96	
K10H33D	1C2023	06	01.39512121	14	35.988+18	04	57.14	20.61	GVEL007G96	
K10H33D	1C2023	06	01.40025821	14	36.139+18	04	58.69	20.71	GVEL007G96	
K100C6H	KC2023	06	01.24918	11	25.16.17	+52	40	53.9	21.4	GVEL007291
K100C6H	KC2023	06	01.25668	11	25.14.89	+52	40	50.2	VEL007291	
K100C6H	KC2023	06	01.27469	11	25.12.03	+52	40	41.5	21.4	GVEL007291
K15J01D	1C2023	05	22.21822312	56	50.374+01	53	11.98	VEL007G96		
K15J01D	1C2023	05	22.22391012	56	50.233+01	53	26.12	20.74	GVEL007G96	
K15J01D	1C2023	05	22.22961112	56	50.075+01	53	40.24	20.22	GVEL007G96	
K15J01D	1C2023	05	22.23529412	56	49.909+01	53	54.46	20.06	GVEL007G96	
K15Y20V	KC2023	06	01.16183	11	31.40.25	-22	39	54.8	VEL007291	
K15Y20V	KC2023	06	01.16408	11	31.41.18	-22	40	09.7	19.8	GVEL007291
K15Y20V	KC2023	06	01.16633	11	31.42.13	-22	40	24.8	VEL007291	
K16H03V	1C2023	06	01.28547116	44	08.588+21	04	34.14	20.32	GVEL007G96	
K16H03V	1C2023	06	01.29061116	44	08.048+21	04	48.00	19.54	GVEL007G96	
K16H03V	1C2023	06	01.29573216	44	07.544+21	05	00.92	20.52	GVEL007G96	
K16H03V	1C2023	06	01.30085416	44	06.983+21	05	14.86	20.21	GVEL007G96	
K16UA1J	KB2023	05	31.93019216	35	53.916+02	54	18.87	19.0	GXEL007B72	
K16UA1J	KB2023	05	31.93503016	35	53.208+02	54	51.84	19.4	GXEL007B72	
K16UA1J	KB2023	05	31.93986616	35	52.524+02	55	24.39	18.3	GXEL007B72	
K17J03F	1C2023	05	22.17460510	49	04.876+00	27	48.38	21.08	GVEL007G96	
K17J03F	1C2023	05	22.18030310	49	04.940+00	27	54.43	21.24	GVEL007G96	
K17J03F	1C2023	05	22.18599810	49	05.016+00	27	59.33	22.09	GVEL007G96	
K19C04O	KC2023	05	31.30287119	02	45.68	+50	32	33.4	VEL007H21	
K19C04O	KC2023	05	31.31685219	02	45.18	+50	32	57.7	22.0	VVEL007H21
K19G19X	1C2023	05	22.21868312	49	21.983+03	34	11.06	21.25	GVEL007G96	
K19G19X	1C2023	05	22.22437312	49	22.472+03	34	16.39	22.00	GVEL007G96	
K19G19X	1C2023	05	22.23007112	49	23.056+03	34	20.93	20.44	GVEL007G96	
K19G19X	1C2023	05	22.23575412	49	23.524+03	34	25.64	20.99	GVEL007G96	
K20D05B	C2023	05	31.34587313	24	12.463+25	38	05.21	15.76	oVEL007T05	
K20D05B	C2023	05	31.34873813	24	12.122+25	37	53.00	15.82	oVEL007T05	
K20D05B	C2023	05	31.35440413	24	11.462+25	37	28.81	15.82	oVEL007T05	
K20D05B	C2023	05	31.36777513	24	09.900+25	36	31.28	15.83	oVEL007T05	
K20Q04M	KC2023	06	01.12435	18	58.06.050-77	06	03.31	17.9	GXEL007L87	
K20Q04M	KC2023	06	01.13050	18	58.08.050-77	06	17.17	XEL007L87		
K20Q04M	KC2023	06	01.13662	18	58.09.240-77	06	33.91	17.4	GXEL007L87	
K22G05F	KC2022	05	21.92257015	47	44.87	+08	27	30.5	17.6	GXEL007C95
K22G05F	KC2022	05	21.93728715	47	45.26	+08	27	20.5	18.6	GXEL007C95
K22R05B	1C2023	05	22.40211817	05	46.284+04	09	53.57	VEL007G96		
K22R05B	1C2023	05	22.40867317	05	45.193+04	10	06.56	19.88	GVEL007G96	
K22R05B	1C2023	05	22.41522417	05	44.124+04	10	19.02	19.51	GVEL007G96	
K22R05B	1C2023	05	22.42176517	05	43.066+04	10	31.69	19.81	GVEL007G96	
K23A02H	KC2023	06	01.33441518	41	25.112+25	13	47.57	20.98	GVEL007I52	
K23A02H	KC2023	06	01.33739818	41	24.832+25	13	42.71	21.59	GVEL007I52	
K23A02H	KC2023	06	01.34041218	41	24.630+25	13	37.09	21.16	GVEL007I52	

K23B04B	1C2023	06	01.28312616	57	00.515+19	37	09.66	19.46GVEL007G96
K23B04B	1C2023	06	01.28826216	57	00.212+19	36	37.30	19.72GVEL007G96
K23B04B	1C2023	06	01.29339216	56	59.892+19	36	04.43	19.52GVEL007G96
K23B04B	1C2023	06	01.29851116	56	59.564+19	35	32.10	19.59GVEL007G96
K23C03L	KC2023	05	31.57555415	18	18.66 -11	04	32.9	17.2 GVEL007900
K23C03L	KC2023	05	31.58268815	18	22.96 -11	05	36.7	17.2 GVEL007900
K23C03L	KC2023	05	31.58982215	18	27.27 -11	06	40.8	17.3 GVEL007900
K23D03A	1C2023	06	01.17680811	37	38.856+22	56	15.00	20.99GVEL007G96
K23D03A	1C2023	06	01.18244911	37	40.033+22	56	16.22	21.05GVEL007G96
K23D03A	1C2023	06	01.18810211	37	41.178+22	56	17.70	20.53GVEL007G96
K23D03A	1C2023	06	01.19375111	37	42.352+22	56	18.67	20.51GVEL007G96
K23F02B	KC2023	06	01.24783016	46	26.857+61	34	41.16	21.29GVEL007I52
K23F02B	KC2023	06	01.25720916	46	29.334+61	34	37.16	21.36GVEL007I52
K23F02B	KC2023	06	01.26191716	46	30.497+61	34	35.33	21.41GVEL007I52
K23F14S	KC2023	06	01.21616	11	03 44.45 +55	14	01.8	21.4 GVEL007291
K23F14S	KC2023	06	01.22593	11	03 43.30 +55	14	15.7	21.4 GVEL007291
K23F14S	KC2023	06	01.23568	11	03 42.16 +55	14	30.2	21.3 GVEL007291
K23G01J	KC2023	06	01.20528010	14	46.850-01	50	18.90	19.90GVEL007I52
K23G01J	KC2023	06	01.20741110	14	46.620-01	50	36.30	21.56GVEL007I52
K23G03B	KC2023	06	01.39801222	05	29.300-07	48	01.40	VEL007I52
K23G03B	KC2023	06	01.40270922	05	30.610-07	48	05.10	21.77GVEL007I52
K23H02Q	KB2023	05	30.88890	15	59 07.171+25	11	42.83	18.3 GXEL007K74
K23H02Q	KB2023	05	30.89311	15	59 06.410+25	11	56.18	18.2 GXEL007K74
K23H02Q	KB2023	05	30.89733	15	59 05.609+25	12	09.00	17.8 GXEL007K74
K23H02Q	KB2023	05	30.90154	15	59 04.843+25	12	22.50	17.9 GXEL007K74
K23H02Q	KB2023	05	30.92155315	59	01.129+25	13	24.64	18.0 GXEL007B72
K23H02Q	KB2023	05	30.92439015	59	00.562+25	13	34.01	18.3 GXEL007B72
K23H02Q	KB2023	05	30.92722715	59	00.074+25	13	42.84	18.7 GXEL007B72
K23H02Q	KB2023	05	31.89794115	56	00.181+26	04	04.91	18.1 GXEL007B72
K23H02Q	KB2023	05	31.90077815	55	59.663+26	04	13.82	18.5 GXEL007B72
K23H02Q	KB2023	05	31.90361615	55	59.137+26	04	22.65	17.9 GXEL007B72
K23H02X	OC2023	05	24.46260016	38	50.199+27	05	44.58	23.48GVEL007T12
K23H04H	KC2023	06	01.15764111	48	59.850+02	09	04.86	20.48GVEL007I52
K23H04H	KC2023	06	01.16178411	48	58.478+02	08	28.90	20.45GVEL007I52
K23H04H	KC2023	06	01.16349311	48	57.924+02	08	13.92	20.27GVEL007I52
K23H04H	KC2023	06	01.16520811	48	57.290+02	07	59.02	19.68GVEL007I52
K23H05R	KC2023	06	01.23426912	01	09.790+33	24	09.30	21.22GVEL007I52
K23H05R	KC2023	06	01.23955012	01	09.390+33	24	05.10	20.85GVEL007I52
K23H06O	KB2023	05	30.86737	15	39 51.341+14	57	57.67	18.1 GXEL007K74
K23H06O	KB2023	05	30.87017	15	39 51.242+14	57	58.64	18.0 GXEL007K74
K23H06O	KB2023	05	30.87263	15	39 51.134+14	57	59.44	18.2 GXEL007K74
K23H06O	KB2023	05	31.88736515	39	20.214+15	02	32.56	18.9 GXEL007B72
K23H06O	KB2023	05	31.89144815	39	20.036+15	02	34.18	18.6 GXEL007B72
K23H06U	KC2023	06	01.26629917	02	50.831+04	39	26.53	20.85GVEL007I52
K23H06U	KC2023	06	01.26929517	02	51.389+04	39	17.35	21.11GVEL007I52
K23H06U	KC2023	06	01.27626717	02	52.753+04	38	55.54	21.08GVEL007I52
K23H06U	KC2023	06	01.27926317	02	53.282+04	38	46.43	20.90GVEL007I52
K23H07U	1C2023	05	22.33144715	45	30.373+02	38	44.77	20.69GVEL007G96
K23H07U	1C2023	05	22.33659415	45	29.531+02	38	34.12	20.39GVEL007G96
K23H07U	1C2023	05	22.34174515	45	28.631+02	38	23.68	20.93GVEL007G96
K23H07U	1C2023	05	22.34689215	45	27.785+02	38	12.55	20.68GVEL007G96
K23H18O	KC2023	05	31.59921215	38	30.04 +35	23	10.2	17.5 GVEL007900
K23H18O	KC2023	05	31.60635215	38	28.66 +35	21	31.6	17.6 GVEL007900
K23H18O	KB2023	05	31.87981415	39	30.507+34	11	41.83	17.2 GXEL007B72
K23H18O	KB2023	05	31.88111815	39	30.373+34	11	22.79	17.0 GXEL007B72
K23H18O	KB2023	05	31.88242215	39	30.218+34	11	03.34	17.9 GXEL007B72
K23H18O	KC2023	05	31.89365115	39	35.07 +34	07	57.0	17.4 VqEL007J69
K23H18O	KC2023	05	31.89921015	39	34.50 +34	06	35.2	17.4 VqEL007J69
K23H18O	C2023	05	31.91221	15	39 15.58 +34	04	10.5	16.9 R EL007M32
K23H18O	KC2023	05	31.91587715	39	32.88 +34	02	25.4	17.4 VqEL007J69
K23H18O	C2023	05	31.91681	15	39 15.01 +34	02	57.8	17.4 R EL007M32
K23H18O	C2023	05	31.91989	15	39 14.62 +34	02	09.1	17.2 R EL007M32
K23H18O	C2023	05	31.92226	15	39 14.26 +34	01	31.6	17.3 R EL007M32
K23H18O	C2023	05	31.92452	15	39 13.98 +34	00	54.1	17.1 R EL007M32
K23H18O	6C2023	06	01.25023	15	40 20.23 +32	32	17.1	17.2 GVEL007290
K23H18O	6C2023	06	01.25067	15	40 20.15 +32	32	08.9	17.1 GVEL007290
K23H18O	6C2023	06	01.25111	15	40 20.05 +32	32	00.9	17.2 GVEL007290
K23H18O	6C2023	06	01.25156	15	40 19.97 +32	31	52.8	17.2 GVEL007290
K23H18O	1C2023	06	01.29589015	40	11.485+32	18	04.28	17.12GVEL007703
K23H18O	1C2023	06	01.29721415	40	11.197+32	17	38.51	16.65GVEL007703
K23H18O	1C2023	06	01.29853515	40	10.963+32	17	13.13	17.17GVEL007703
K23H18O	1C2023	06	01.29985015	40	10.700+32	16	47.42	17.25GVEL007703
K23J00B	OC2023	05	24.47110317	06	46.763+24	37	20.81	22.24GVEL007T12
K23J00B	OC2023	05	24.47428517	06	46.250+24	37	14.15	22.21GVEL007T12
K23J01M	KC2023	06	01.23691013	24	01.620+56	57	13.90	20.23GVEL007I52
K23J01M	KC2023	06	01.24401113	23	58.800+56	59	58.10	20.47GVEL007I52
K23J01M	6C2023	06	01.37405	13	23 13.52 +57	48	46.1	21.4 GVEL007290
K23J01M	6C2023	06	01.38451	13	23 10.68 +57	52	37.7	21.5 GVEL007290
K23J01M	6C2023	06	01.39406	13	23 08.30 +57	56	09.3	21.5 GVEL007290
K23J01M	6C2023	06	01.40359	13	23 05.98 +57	59	40.0	21.7 GVEL007290
K23J01T	mc2023	06	01.20155117	12	17.330-05	27	23.50	19.58GVEL007I52
K23J01T	mc2023	06	01.20294517	12	17.820-05	27	23.50	20.35GVEL007I52
K23J02R	6C2023	06	01.26236	17	54 10.40 +07	36	12.3	19.7 GVEL007290
K23J02R	6C2023	06	01.27054	17	54 18.85 +07	34	51.9	19.7 GVEL007290
K23J02R	6C2023	06	01.27463	17	54 23.06 +07	34	11.5	20.1 GVEL007290
K23J02R	KC2023	06	01.37381	17	56 05.24 +07	17	49.5	oEL007291
K23J02R	KC2023	06	01.37601	17	56 07.54 +07	17	28.2	19.1 RoEL007291
K23J02R	KC2023	06	01.37820	17	56 09.77 +07	17	05.8	oEL007291
K23J03B	1C2023	06	01.23958615	35	36.611+24	05	23.14	19.31GVEL007G96
K23J03B	1C2023	06	01.24481115	35	32.086+24	05	53.05	19.31GVEL007G96
K23J03B	1C2023	06	01.25005115	35	27.532+24	06	23.62	19.19GVEL007G96
K23J03B	1C2023	06	01.25527615	35	23.053+24	06	53.60	19.00GVEL007G96
K23J03B	KC2023	06	01.32992	15	34 18.38 +24	13	57.4	19.4 GVEL007291
K23J03B	KC2023	06	01.33376	15	34 15.01 +24	14	18.9	19.4 GVEL007291

K23J03B KC2023 06 01.33763 15 34 11.67 +24 14 40.1 19.4 GVEL007291
K23J03B mC2023 06 01.35200615 33 59.112+24 15 58.07 18.86GVEL007I52
K23J03B mC2023 06 01.35218915 33 58.885+24 15 59.72 19.36GVEL007I52
K23J03B mC2023 06 01.35237115 33 58.748+24 16 00.62 19.18GVEL007I52
K23J03B mC2023 06 01.35255315 33 58.604+24 16 01.24 19.15GVEL007I52
K23J04C KC2023 06 01.28567 13 40 38.25 +41 52 22.4 21.4 GVEL007291
K23J04C KC2023 06 01.29191 13 40 33.06 +41 52 37.6 21.5 GVEL007291
K23J04C KC2023 06 01.29814 13 40 27.90 +41 52 52.2 21.6 GVEL007291
K23J05E KC2023 06 01.17336 10 11 40.19 -05 47 41.6 oEL007291
K23J05E KC2023 06 01.18315 10 11 27.76 -05 46 51.4 oEL007291
K23J05M 1C2023 05 22.33238616 01 18.869+00 40 19.56 20.92GVEL007G96
K23J05M 1C2023 05 22.34268516 01 20.352+00 40 10.31 21.47GVEL007G96
K23J05M 1C2023 05 22.34784416 01 21.068+00 40 05.30 21.76GVEL007G96
K23J05Q 1C2023 05 22.28589214 23 36.308-01 43 43.00 20.83GVEL007G96
K23J05Q 1C2023 05 22.29151214 23 34.678-01 43 56.46 21.22GVEL007G96
K23J05Q 1C2023 05 22.29712414 23 33.072-01 44 09.31 20.95GVEL007G96
K23J05Q 1C2023 05 22.30273914 23 31.463-01 44 22.60 21.17GVEL007G96
K23J07R KC2023 05 31.29885717 53 28.48 +37 49 10.1 22.2 VVEL007H21
K23J07R KC2023 05 31.31849917 53 28.26 +37 50 46.8 21.9 VVEL007H21
K23K00G KC2023 06 01.28655817 03 48.460+01 50 41.32 20.97GVEL007I52
K23K00G KC2023 06 01.29039717 03 49.763+01 51 07.52 20.80GVEL007I52
K23K00G KC2023 06 01.29424617 03 51.106+01 51 32.69 20.91GVEL007I52
K23K00Q 1C2023 06 01.21892212 53 44.884+26 17 42.94 20.79GVEL007G96
K23K00Q 1C2023 06 01.22410212 53 43.109+26 18 29.05 20.41GVEL007G96
K23K00Q 1C2023 06 01.22930012 53 41.291+26 19 15.02 20.15GVEL007G96
K23K00Q 1C2023 06 01.23449212 53 39.494+26 20 00.78 21.67GVEL007G96
K23K00Q KC2023 06 01.30667 12 53 15.25 +26 30 28.8 20.8 GVEL007291
K23K00Q KC2023 06 01.31243 12 53 13.37 +26 31 18.5 20.7 GVEL007291
K23K00Q KC2023 06 01.31825 12 53 11.49 +26 32 08.4 21.2 GVEL007291
K23K01Y KC2023 06 01.31334818 16 50.581+45 15 53.96 21.32GVEL007I52
K23K01Y KC2023 06 01.31889318 16 53.562+45 16 09.34 21.85GVEL007I52
K23K01Y KC2023 06 01.32996718 16 59.581+45 16 41.74 21.26GVEL007I52
K23K02B KC2023 06 01.19590216 11 58.394+12 24 16.56 20.19GVEL007I52
K23K02B KC2023 06 01.19690416 11 59.471+12 24 16.13 20.23GVEL007I52
K23K02B KC2023 06 01.19790716 12 00.500+12 24 16.67 20.34GVEL007I52
K23K02B KC2023 06 01.19890916 12 01.598+12 24 15.91 20.59GVEL007I52
K23K02M 6C2023 06 01.42930 18 53 02.05 +65 28 09.0 22.1 GVEL007290
K23K02M 6C2023 06 01.43671 18 53 21.57 +65 31 46.4 21.8 GVEL007290
K23K02M 6C2023 06 01.44992 18 53 56.59 +65 38 12.5 21.2 GVEL007290
K23K02M 6C2023 06 01.45753 18 54 16.93 +65 41 54.3 21.1 GVEL007290
K23K02S KC2023 06 01.40355 19 02 11.83 -22 42 23.7 VEL007291
K23K02S KC2023 06 01.40491 19 02 15.85 -22 42 34.8 19.8 GVEL007291
K23K02S KC2023 06 01.40627 19 02 19.93 -22 42 46.7 19.0 GVEL007291
K23K03T KC2023 05 31.92208618 07 38.66 -02 28 52.3 17.7 GXEL007L18
K23K03T KC2023 05 31.92460818 07 38.24 -02 29 05.0 17.8 GXEL007L18
K23K03T KC2023 05 31.92679718 07 37.87 -02 29 17.0 17.7 GXEL007L18
K23K03T C2023 05 31.97212 18 07 31.64 -02 33 06.7 18.1 R EL007M32
K23K03T C2023 05 31.97793 18 07 30.72 -02 33 36.6 18.1 R EL007M32
K23K03T C2023 05 31.98373 18 07 29.81 -02 34 06.7 18.1 R EL007M32
K23K03T C2023 05 31.98954 18 07 28.88 -02 34 37.1 18.1 R EL007M32
K23K03T C2023 05 31.99535 18 07 27.96 -02 35 07.2 18.1 R EL007M32
K23K03X KC2023 05 31.70805518 39 41.80 -33 41 44.0 17.1 GVEL007900
K23K03X KC2023 05 31.71798718 39 18.97 -33 44 39.3 16.7 GVEL007900
K23K03X KC2023 05 31.72692618 38 58.46 -33 47 14.3 17.1 GVEL007900
K23K03Y C2023 05 28.94384 16 52 51.90 -02 36 26.8 19.6 GVEL007M28
K23K03Y C2023 05 28.94596 16 52 51.75 -02 37 38.2 19.4 GVEL007M28
K23K03Y C2023 05 28.94757 16 52 51.61 -02 38 33.4 19.1 GVEL007M28
K23K03Y C2023 05 28.94918 16 52 51.48 -02 39 24.3 19.3 GVEL007M28
K23K03Y C2023 05 28.95079 16 52 51.33 -02 40 19.5 19.1 GVEL007M28
K23K04A KC2023 06 01.29687517 05 46.572+32 07 16.46 20.18GVEL007I52
K23K04A KC2023 06 01.29769817 05 46.518+32 07 22.40 20.29GVEL007I52
K23K04A KC2023 06 01.29852617 05 46.475+32 07 28.24 20.20GVEL007I52
K23K04A KC2023 06 01.29935517 05 46.446+32 07 33.78 20.13GVEL007I52
K23K04C mC2023 06 01.20003816 41 47.170+09 20 21.10 VEL007I52
K23K04C mC2023 06 01.20105016 41 46.960+09 20 25.00 VEL007I52
K23K04C mC2023 06 01.20205816 41 46.700+09 20 29.50 VEL007I52
K23K04M KC2023 06 01.30126017 42 27.910+10 56 29.00 21.35GVEL007I52
K23K04M KC2023 06 01.30383417 42 27.580+10 56 41.50 VEL007I52
K23K04R KC2023 06 01.17063414 33 20.732+19 18 38.99 20.83GVEL007I52
K23K04R KC2023 06 01.17805114 33 19.991+19 17 57.59 20.96GVEL007I52
K23K04R KC2023 06 01.18546414 33 19.249+19 17 15.72 20.92GVEL007I52
K23K04R KC2023 06 01.19188514 33 18.594+19 16 39.65 20.83GVEL007I52
K23K05E KC2023 05 31.89516517 57 09.30 +05 07 41.4 17.8 GXEL007L18
K23K05E KC2023 05 31.89931717 57 19.99 +05 04 01.4 17.7 GXEL007L18
K23K05E KC2023 05 31.90354017 57 30.91 +05 00 16.8 17.6 GXEL007L18
K23K05E KC2023 05 31.90699717 57 47.882+04 58 32.84 17.2 rZEL007L34
K23K05E KC2023 05 31.95538017 59 51.600+04 15 40.32 16.8 rZEL007L34
K23K05E KC2023 05 31.96329918 00 11.707+04 08 40.02 16.8 rZEL007L34
K23K05E KC2023 06 01.38243 18 18 49.34 -02 02 04.0 18.3 RoEL007291
K23K05E KC2023 06 01.38294 18 18 50.61 -02 02 30.7 18.4 RoEL007291
K23K05E KC2023 06 01.38347 18 18 51.92 -02 02 58.5 17.9 RoEL007291
K23K05H KC2023 06 01.15004913 00 35.968+59 57 59.08 19.18GVEL007I52
K23K05H KC2023 06 01.15081913 00 37.915+59 58 05.30 19.29GVEL007I52
K23K05H KC2023 06 01.15421713 00 46.699+59 58 33.02 19.95GVEL007I52
01627 S2023 05 30.29201 12 23 43.61 +14 55 58.6 16 RLEL007C51
01627 s2023 05 30.29201 1 - 6625.8428 - 159.2331 + 1612.9900 EL007C51
01627 S2023 05 30.42190 12 23 45.47 +14 54 58.9 EL007C51
01627 s2023 05 30.42190 1 - 6616.1638 - 168.7241 + 1650.8968 EL007C51
01627 S2023 05 30.55166 12 23 47.39 +14 53 59.1 EL007C51
01627 s2023 05 30.55166 1 - 6626.1141 - 189.4983 + 1608.3581 EL007C51
01627 S2023 05 30.68154 12 23 49.30 +14 52 58.5 LEL007C51
01627 s2023 05 30.68154 1 - 6616.3337 - 198.8979 + 1646.6425 EL007C51
01627 S2023 05 30.74636 12 23 50.29 +14 52 28.4 LEL007C51
01627 s2023 05 30.74636 1 - 6630.9913 - 215.0300 + 1584.8506 EL007C51

01627	S2023	05	30.81130	12	23	51.29	+14	51	58.0	LEL007C51
01627	s2023	05	30.81130	1	-	6626.1605	-	219.7162	+ 1604.0991	EL007C51
01627	S2023	05	30.87624	12	23	52.31	+14	51	27.5	LEL007C51
01627	s2023	05	30.87624	1	-	6621.2449	-	224.3759	+ 1623.4374	EL007C51
01627	S2023	05	30.94106	12	23	53.33	+14	50	57.0	LEL007C51
01627	s2023	05	30.94106	1	-	6635.5919	-	240.5353	+ 1561.7313	EL007C51
01627	S2023	05	31.00600	12	23	54.36	+14	50	26.2	LEL007C51
01627	s2023	05	31.00600	1	-	6630.7779	-	245.1940	+ 1581.1364	EL007C51
01627	S2023	05	31.07094	12	23	55.42	+14	49	55.4	LEL007C51
01627	s2023	05	31.07094	1	-	6625.8776	-	249.8264	+ 1600.6286	EL007C51
01627	S2023	05	31.13576	12	23	56.47	+14	49	24.8	LEL007C51
01627	s2023	05	31.13576	1	-	6639.9267	-	266.0154	+ 1538.9778	EL007C51
01627	S2023	05	31.13588	12	23	56.48	+14	49	24.5	LEL007C51
01627	s2023	05	31.13588	1	-	6620.9155	-	254.4466	+ 1620.0939	EL007C51
01627	S2023	05	31.26564	12	23	58.63	+14	48	22.6	LEL007C51
01627	s2023	05	31.26564	1	-	6630.2455	-	275.2523	+ 1578.1805	EL007C51
01627	S2023	05	31.39540	12	24	00.82	+14	47	20.4	LEL007C51
01627	s2023	05	31.39540	1	-	6639.2094	-	296.0664	+ 1536.3521	EL007C51
01685	KC2023	06	01.09104	16	54	04.05	-30	46	35.9	15.6 VqEL007X33
01685	KC2023	06	01.09275	16	54	03.78	-30	46	34.9	15.4 VqEL007X33
01685	KC2023	06	01.09448	16	54	03.48	-30	46	34.0	15.3 VqEL007X33
01866	C2023	05	31.37827311	14	45	537+48	44	02.05		17.70IXEL007F51
01866	C2023	05	31.38854611	14	45	809+48	43	51.62		17.67IXEL007F51
01866	C2023	05	31.39879711	14	46	075+48	43	41.21		17.72IXEL007F51
03553	1C2023	05	31.32799816	31	22	004+11	38	58.56		16.90GVEL007703
03553	1C2023	05	31.32922616	31	21	864+11	39	01.33		16.89GVEL007703
03553	1C2023	05	31.33045716	31	21	709+11	39	04.39		16.98GVEL007703
03553	1C2023	05	31.33168416	31	21	572+11	39	07.67		16.74GVEL007703
05731	S2023	05	30.09018	11	16	00.72	-20	13	30.2	14 RLEL007C51
05731	s2023	05	30.09018	1	-	6133.5645	-	683.9987	- 2919.4870	EL007C51
05731	S2023	05	30.15513	11	16	23.61	-20	13	53.6	LEL007C51
05731	s2023	05	30.15513	1	-	6141.2638	-	689.0759	- 2901.9850	EL007C51
05731	S2023	05	30.22007	11	16	46.44	-20	14	16.8	LEL007C51
05731	s2023	05	30.22007	1	-	6148.9034	-	694.1668	- 2884.4718	EL007C51
05731	S2023	05	30.28501	11	17	09.25	-20	14	39.8	LEL007C51
05731	s2023	05	30.28501	1	-	6156.5109	-	699.2665	- 2866.8959	EL007C51
05731	S2023	05	30.34983	11	17	31.98	-20	15	02.3	LEL007C51
05731	s2023	05	30.34983	1	-	6128.0384	-	711.8424	- 2924.3279	EL007C51
05731	S2023	05	30.41477	11	17	54.70	-20	15	24.9	LEL007C51
05731	s2023	05	30.41477	1	-	6135.7858	-	716.9415	- 2906.7154	EL007C51
05731	S2023	05	30.47971	11	18	17.39	-20	15	47.4	LEL007C51
05731	s2023	05	30.47971	1	-	6143.5130	-	722.0468	- 2889.0127	EL007C51
05731	S2023	05	30.54465	11	18	40.04	-20	16	09.8	LEL007C51
05731	s2023	05	30.54465	1	-	6151.2146	-	727.1566	- 2871.2134	EL007C51
05731	S2023	05	30.60947	11	19	02.60	-20	16	31.6	LEL007C51
05731	s2023	05	30.60947	1	-	6122.5379	-	739.6193	- 2928.8511	EL007C51
05731	S2023	05	30.67441	11	19	25.18	-20	16	53.5	LEL007C51
05731	s2023	05	30.67441	1	-	6130.3838	-	744.7314	- 2911.0253	EL007C51
05731	S2023	05	31.12875	11	22	01.99	-20	19	22.2	14 RLEL007C51
05731	s2023	05	31.12875	1	-	6112.1973	-	794.8691	- 2935.7543	EL007C51
05731	S2023	05	31.19369	11	22	24.24	-20	19	42.8	LEL007C51
05731	s2023	05	31.19369	1	-	6120.1701	-	800.0212	- 2917.6234	EL007C51
05731	S2023	05	31.25864	11	22	46.45	-20	20	03.3	LEL007C51
05731	s2023	05	31.25864	1	-	6128.0890	-	805.1839	- 2899.4544	EL007C51
05731	S2023	05	31.32358	11	23	08.64	-20	20	23.7	LEL007C51
05731	s2023	05	31.32358	1	-	6135.9835	-	810.3508	- 2881.1841	EL007C51
05731	S2023	05	31.38839	11	23	30.73	-20	20	43.6	LEL007C51
05731	s2023	05	31.38839	1	-	6107.3268	-	822.3579	- 2938.2145	EL007C51
05731	S2023	05	31.38852	11	23	30.77	-20	20	43.8	LEL007C51
05731	s2023	05	31.38852	1	-	6143.8566	-	815.5237	- 2862.8209	EL007C51
05731	S2023	05	31.45334	11	23	52.84	-20	21	03.5	LEL007C51
05731	s2023	05	31.45334	1	-	6115.3627	-	827.5302	- 2919.9197	EL007C51
12538	C2023	05	31.54141721	33	31	366+22	56	03.44		17.94oVEL007T05
12538	C2023	05	31.54412921	33	31	445+22	56	07.44		18.02oVEL007T05
12538	C2023	05	31.54638921	33	31	483+22	56	10.72		17.98oVEL007T05
12538	C2023	05	31.54910021	33	31	512+22	56	15.29		17.96oVEL007T05
12538	C2023	05	31.54955221	33	31	541+22	56	15.79		18.00oVEL007T05
12538	C2023	05	31.55789521	33	31	682+22	56	28.39		17.84oVEL007T05
12538	C2023	05	31.56073121	33	31	730+22	56	32.93		17.76oVEL007T05
12538	C2023	05	31.56904121	33	31	884+22	56	45.46		18.02oVEL007T05
23714	1C2023	05	31.44927723	00	59	674+05	11	36.35		18.74GVEL007703
23714	1C2023	05	31.45053023	00	59	893+05	11	36.20		18.55GVEL007703
23714	1C2023	05	31.45178923	01	00	152+05	11	35.45		18.63GVEL007703
23714	1C2023	05	31.45305023	01	00	444+05	11	35.63		18.18GVEL007703
24445	C2023	05	31.60550800	05	58	915+18	44	27.42		17.87oVEL007T05
24445	C2023	05	31.60825300	05	59	402+18	44	29.83		17.89oVEL007T05
24445	C2023	05	31.61169000	05	59	986+18	44	32.60		17.93oVEL007T05
24445	C2023	05	31.61590000	06	00	739+18	44	36.46		17.82oVEL007T05
66272	C2023	05	31.37621314	16	46	831+26	16	24.42		18.18oVEL007T05
66272	C2023	05	31.37907514	16	46	351+26	16	12.94		18.33oVEL007T05
66272	C2023	05	31.38404714	16	45	497+26	15	52.92		18.09oVEL007T05
66272	C2023	05	31.39484914	16	43	670+26	15	08.50		18.21oVEL007T05
85709	C2023	05	31.52843920	56	13	733+40	25	30.65		16.78oVEL007T05
85709	C2023	05	31.53115120	56	13	853+40	25	32.99		16.87oVEL007T05
85709	C2023	05	31.55412520	56	14	928+40	25	53.65		16.88oVEL007T05
85709	C2023	05	31.57354920	56	15	818+40	26	11.04		16.97oVEL007T05
85989	S2023	05	30.29774	13	28	59.83	+42	41	09.1	17 RLEL007C51
85989	s2023	05	30.29774	1	-	4793.6403	+ 347.7196	+ 4831.4313		EL007C51
85989	S2023	05	30.36269	13	29	00.89	+42	36	52.5	LEL007C51
85989	s2023	05	30.36269	1	-	4780.0203	+ 344.8568	+ 4845.0496		EL007C51
85989	S2023	05	30.42750	13	29	01.93	+42	32	37.4	17 RLEL007C51
85989	s2023	05	30.42750	1	-	4825.9965	+ 331.2520	+ 4800.3324		EL007C51
85989	S2023	05	30.49244	13	29	02.98	+42	28	21.4	LEL007C51
85989	s2023	05	30.49244	1	-	4812.3850	+ 328.4044	+ 4814.1122		EL007C51

p3125	C2023	05	31.34587313	28	02.297+27	27	14.40	16.31oVEL007T05
p3125	C2023	05	31.34873813	28	01.049+27	27	31.25	16.52oVEL007T05
p3125	C2023	05	31.35440413	27	58.560+27	28	04.62	16.43oVEL007T05
p3125	C2023	05	31.36777513	27	52.706+27	29	23.32	16.43oVEL007T05

A. U. Tomatic

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