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# Minor Planet Center



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**MPEC 2012-T69 : DAILY ORBIT UPDATE (2012 OCT. 12 UT)**

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[Read MPEC 2012-T68](#)[Read MPEC 2012-T70](#)

M.P.E.C. 2012-T69

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DAILY ORBIT UPDATE (2012 OCT. 12 UT)

Update to [MPEC 2012-T48](#)

Full-precision elements for the objects listed here are available at

<http://www.minorplanetcenter.org/iau/MPCORB.html>

## New identification:

J98Q59G	K12T67A	MPCW
J99TC8V	K12T66A	MPCW
J99V90Z	K12T67U	MPCW
K01004C	K12T59M	MPCW
K01QK8M	K12T70V	MPCW
K01R55U	K12T60D	MPCW
K01UH2V	K12T74K	MPCW
K01UH7J	K12T66K	MPCW
K01UL9J	K12T77L	MPCW
K01W02U	K12T66Z	MPCW
K02N80L	K12T70Q	MPCW
K03SH4J	K12T64L	MPCW
K03Sb8S	K12T70C	MPCW
K03Se7H	K12T78C	MPCW
K03UB8H	K12T55C	MPCW
K03UI3A	K12T68K	MPCW
K03UK3R	K12T56R	MPCW
K03WA8M	K12T60N	MPCW
K05A04L	K12T56E	MPCW
K05B01B	K12T77Q	MPCW
K05SK7O	K12T56Q	MPCW
K05U78R	K12T56N	MPCW
K05UX7O	K12T68V	MPCW
K05Ug0X	K12T56Y	MPCW
K05Ui7Y	K12T54P	MPCW
K06B75N	K12T69H	MPCW
K06P31C	K12T60O	MPCW
K06RA1W	K12T70W	MPCW
K06Sd7J	K12T54U	MPCW
K06T57L	K12T56P	MPCW

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K06T66B	K12T66M		MPCW
K07R11C	K12T54F		MPCW
K07R51B	K12T56L		MPCW
K07T21B	K12T61J		MPCW
K07T38M	K12T66V		MPCW
K07T42X	K02Q75K	K12T57M	MPCW
K07T45E	K12T69K		MPCW
K07TC6E	K12T57X		MPCW
K07TW2O	K12T60E		MPCW
K07Tj0E	K12T53Z		MPCW
K07UA1K	K12T58M		MPCW
K07V96T	K12T74C		MPCW
K07VD8K	K12T65H		MPCW
K07VT5H	K12T56M		MPCW
K07VW0A	K12T62U		MPCW
K07Y16O	K12T56W		MPCW
K08C72O	K12T57Z		MPCW
K08J27L	K12T65W		MPCW
K08Q26Y	K06A29W	K12T69Y	MPCW
K08RD9R	K12T53V		MPCW
K08SI2N	K12T60A		MPCW
K08TG5O	K12T66J		MPCW
K08U76V	K12T62M		MPCW
K08UF8Z	K12T54X		MPCW
K08UM7X	K12T70O		MPCW
K08WB1C	K12T69Q		MPCW
K08Y82F	K12T58W		MPCW
K08YC2S	K12T65C		MPCW
K08YF2Q	K12T71N		MPCW
K09A20E	K12T73U		MPCW
K09A22N	K12T68S		MPCW
K10C34M	K12T59T		MPCW
K10G75P	K12T54N		MPCW
K10GB6S	K12T69N		MPCW
K10J33N	K12T78U		Manca
K11G24K	K12T72M		MPCW
K12S06L	K09C54K		MPCS

## New double designation:

K02RQ2C	K02QF3W	MPCS
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## New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
J93P02R	16.0	0.15	K129U	354.246	267.299	144.346	10.093	0.28508	2.77623	7	X
J93T17E	16.6	0.15	K129U	0.738	182.574	191.645	11.447	0.24104	2.43410	6	X
J94N00F	17.1	0.15	K129U	69.203	51.509	215.926	6.057	0.35987	2.65918	4	X
J94S08Y	17.5	0.15	K129U	20.838	358.842	9.627	5.577	0.25226	2.33068	5	X
J94T07C	17.3	0.15	K129U	323.984	65.091	18.031	10.934	0.09466	2.69292	3	X
J95D05T	16.3	0.15	K129U	293.632	152.557	316.556	8.210	0.11230	2.80905	5	X
J95Q14Z	17.1	0.15	K129U	358.905	154.588	210.868	5.613	0.11903	3.12266	3	X
J95S10W	15.6	0.15	K129U	89.801	280.003	13.640	15.500	0.04026	3.15430	5	X
J95S24Y	16.6	0.15	K129U	338.151	311.321	102.559	2.585	0.18514	3.15570	6	X
J95S31O	15.9	0.15	K129U	24.081	108.967	260.883	9.466	0.20364	3.09104	6	X
J95S35V	16.7	0.15	K129U	338.295	64.280	347.626	4.020	0.13776	2.59769	6	X
J95S73X	17.9	0.15	K129U	317.991	63.725	3.731	2.086	0.20109	2.62932	3	X
J95T03J	16.8	0.15	K129U	16.723	172.358	175.524	0.662	0.16784	3.18223	3	X
J95U26V	16.2	0.15	K129U	327.995	308.780	109.145	2.936	0.17574	3.17430	7	X
J95U65N	16.2	0.15	K129U	3.772	297.105	70.033	5.301	0.18558	3.18718	5	X
J96D05B	17.3	0.15	K129U	254.924	139.567	344.807	2.142	0.15317	2.33040	6	X
J96R18R	16.7	0.15	K129U	31.181	54.048	292.753	0.352	0.02506	3.01294	7	X
J96V18F	16.8	0.15	K129U	347.220	298.701	83.606	2.358	0.19482	3.09109	3	X
J96V35N	16.6	0.15	K129U	7.870	133.942	254.531	7.411	0.34803	3.02314	5	X
J98A01W	17.7	0.15	K129U	312.663	151.505	291.779	4.180	0.08126	2.46730	7	X
J98H00Y	16.5	0.15	K129U	153.372	28.456	191.057	15.029	0.06059	2.59623	6	X
J98H08A	17.1	0.15	K129U	206.876	322.689	196.116	22.271	0.07438	1.91626	6	X
J98HA8U	17.0	0.15	K129U	52.740	195.773	63.192	9.311	0.51681	2.73279	4	X
J98Q58S	16.5	0.15	K129U	7.959	17.771	356.031	4.814	0.16888	2.76296	6	X
J98Q59G	18.0	0.15	K129U	15.214	9.295	354.257	3.373	0.22414	2.76237	4	X
J98R13Z	18.2	0.15	K129U	25.189	157.475	172.984	4.225	0.27384	2.29175	4	X
J98R21Q	16.8	0.15	K129U	11.312	32.317	357.491	5.921	0.05167	2.72692	7	X
J98SH0Z	17.0	0.15	K129U	18.221	106.145	260.284	3.377	0.20918	2.28120	5	X
J98SH1G	17.8	0.15	K129U	19.695	349.888	343.165	3.754	0.30492	2.30067	5	X
J98U09V	16.5	0.15	K129U	5.323	173.696	191.143	4.153	0.08375	2.78371	6	X
J99JD3K	16.4	0.15	K129U	218.736	106.188	73.743	23.029	0.18717	2.42710	5	X
J99R15R	16.1	0.15	K129U	344.789	3.933	346.503	16.252	0.19527	2.68576	5	X
J99RI9Z	17.0	0.15	K129U	12.755	344.709	6.381	13.252	0.29494	2.64339	2	X
J99RM6A	16.1	0.15	K129U	42.080	50.753	304.406	13.143	0.20180	2.58573	6	X

J99RN9Z	17.2	0.15	K129U	14.282	346.408	6.286	13.289	0.29415	2.64460	3 X
J99S18G	16.1	0.15	K129U	9.551	330.873	25.777	13.303	0.29909	2.64501	4 X
J99T20Y	16.6	0.15	K129U	355.546	159.503	216.441	7.488	0.30539	2.66704	3 X
J99T30K	16.8	0.15	K129U	24.699	349.034	358.433	3.702	0.32289	2.63702	5 X
J99T30T	16.9	0.15	K129U	33.073	355.141	3.084	5.364	0.22594	2.61949	6 X
J99T59R	17.2	0.15	K129U	349.056	87.303	335.318	4.026	0.23076	2.60738	5 X
J99T70L	16.6	0.15	K129U	62.241	296.007	23.894	12.252	0.19613	2.63009	5 X
J99T72Y	16.5	0.15	K129U	3.267	62.538	334.695	4.134	0.15301	2.60483	7 X
J99TB2O	16.2	0.15	K129U	12.470	135.132	225.066	3.468	0.19123	2.64609	7 X
J99TC1C	15.9	0.15	K129U	21.733	328.471	15.346	12.435	0.13669	2.65964	6 X
J99TC7D	16.3	0.15	K129U	352.771	228.445	193.870	12.977	0.23579	2.62119	6 X
J99TC8V	16.5	0.15	K129U	15.876	357.383	358.009	15.127	0.121470	2.63832	3 X
J99TL1N	16.8	0.15	K129U	25.276	112.453	230.705	20.927	0.08536	1.88862	5 X
J99TM2M	16.2	0.15	K129U	336.007	39.066	6.896	11.273	0.18304	2.66542	4 X
J99TQ1X	17.8	0.15	K129U	25.482	105.086	244.631	3.625	0.16379	2.65376	4 X
J99TR1G	16.5	0.15	K129U	31.106	37.313	309.737	3.405	0.27689	2.63836	7 X
J99TU5P	16.7	0.15	K129U	1.920	70.904	329.612	11.993	0.28750	2.62804	4 X
J99TV6G	17.9	0.15	K129U	322.555	27.779	36.289	2.455	0.19906	2.68115	5 X
J99TX5Y	18.3	0.15	K129U	4.146	336.795	28.031	4.698	0.18841	2.20116	6 X
J99U07P	15.8	0.15	K129U	224.074	154.208	22.885	34.045	0.17862	2.62819	4 X
J99U28N	17.3	0.15	K129U	328.904	18.355	41.150	3.085	0.10844	2.64456	5 X
J99V14V	16.9	0.15	K129U	336.131	83.079	349.191	6.653	0.07938	2.59486	7 X
J99V34V	15.9	0.15	K129U	351.902	179.001	241.405	13.769	0.23387	2.65540	6 X
J99V42R	17.0	0.15	K129U	17.368	93.335	257.952	2.716	0.21404	2.66464	4 X
J99V90Z	17.5	0.15	K129U	347.560	197.292	207.272	5.473	0.17816	2.19111	4 X
J99VB8L	17.2	0.15	K129U	44.644	258.580	58.203	11.958	0.20823	2.68777	4 X
J99VC4M	16.8	0.15	K129U	12.232	350.301	2.312	7.048	0.22793	2.64395	5 X
J99VF8U	16.8	0.15	K129U	338.758	145.649	270.067	3.584	0.25170	2.66321	5 X
J99VJ1B	16.1	0.15	K129U	317.717	29.714	36.010	12.142	0.17430	2.67649	5 X
J99VL3A	16.5	0.15	K129U	306.651	30.792	48.722	10.896	0.06019	2.68004	4 X
J99W22R	18.9	0.15	K129U	30.880	86.892	232.183	2.816	0.20289	2.22342	4 X
J99W24D	18.3	0.15	K129U	47.533	213.785	89.658	0.806	0.19473	2.22587	6 X
J99X79J	17.0	0.15	K129U	342.455	155.459	251.480	3.949	0.23021	2.68803	5 X
J99XP0N	17.5	0.15	K129U	358.967	85.553	295.285	3.455	0.24054	2.22654	5 X
K00CA0F	17.7	0.15	K129U	258.559	156.885	319.961	5.084	0.09980	2.27913	6 X
K00CC9B	17.2	0.15	K129U	101.374	324.239	307.203	7.266	0.11596	2.29004	5 X
K00E03F	16.4	0.15	K129U	179.889	197.775	349.332	7.169	0.11064	2.32461	5 X
K00E98L	17.5	0.15	K129U	210.230	10.263	150.495	8.289	0.02531	2.29689	4 X
K00G47R	17.0	0.15	K129U	75.691	59.383	203.369	11.830	0.23971	2.41898	4 X
K00GC1E	18.6	0.15	K129U	189.010	177.000	15.545	1.641	0.12488	2.32740	4 X
K00GE5Z	16.4	0.15	K129U	78.189	240.958	43.793	1.008	0.06641	2.97654	6 X
K00H46B	17.3	0.15	K129U	141.950	218.109	42.475	21.482	0.04915	1.96781	5 X
K00H59M	16.0	0.15	K129U	99.013	12.553	239.620	3.420	0.20302	3.04900	7 X
K00N07C	17.3	0.15	K129U	30.606	133.733	196.958	2.824	0.19739	2.47163	7 X
K00SL5Z	17.3	0.15	K129U	327.528	215.239	194.912	5.657	0.19100	2.52513	6 X
K00U76E	16.6	0.15	K129U	355.827	347.852	34.481	14.704	0.27479	2.54017	4 X
K00V60L	16.7	0.15	K129U	290.636	232.681	214.262	5.426	0.11477	2.55666	5 X
K00W52S	16.8	0.15	K129U	312.707	199.305	243.930	6.738	0.12973	2.54786	5 X
K00WA9V	16.5	0.15	K129U	357.604	85.214	321.479	3.436	0.19246	2.52218	4 X
K00WF5S	15.9	0.15	K129U	21.255	52.610	316.315	6.261	0.16297	2.52400	6 X
K00X19E	17.6	0.15	K129U	343.171	60.734	337.847	5.339	0.33539	2.54268	4 X
K00X55N	15.6	0.15	K129U	289.910	134.222	10.889	14.353	0.14300	2.54403	7 X
K00Y00O	14.9	0.15	K129U	301.172	101.165	29.414	18.448	0.21074	2.54614	5 X
K00Y27S	17.2	0.15	K129U	0.806	22.864	342.809	1.913	0.11307	2.65063	7 X
K00Y87Y	16.3	0.15	K129U	307.238	175.696	279.819	2.421	0.20019	2.56831	5 X
K01B57V	16.4	0.15	K129U	301.153	158.648	302.115	4.593	0.21454	2.60382	5 X
K01B66U	15.5	0.15	K129U	266.942	122.747	16.022	13.427	0.19841	2.66290	7 X
K01D57C	17.4	0.15	K129U	68.249	121.307	146.358	7.745	0.28107	2.84896	5 X
K01E04L	16.4	0.15	K129U	308.025	89.483	2.591	7.231	0.15997	2.63979	6 X
K01F31L	16.2	0.15	K129U	145.732	226.670	0.412	11.534	0.15966	2.77891	5 X
K01FH9V	16.5	0.15	K129U	290.224	108.263	32.787	13.683	0.22399	2.60980	5 X
K01FI2R	17.5	0.15	K129U	285.498	92.197	8.344	2.363	0.05689	2.70979	4 X
K01O04C	17.5	0.15	K129U	75.254	245.723	29.686	5.665	0.23604	2.32511	5 X
K01O30S	17.7	0.15	K129U	25.813	272.298	59.333	5.718	0.17226	2.34373	6 X
K01O36Y	17.6	0.15	K129U	57.077	323.319	352.763	3.072	0.23385	2.31176	7 X
K01OA4N	17.0	0.15	K129U	39.168	226.845	94.043	6.777	0.21044	2.34039	6 X
K01P07K	16.7	0.15	K129U	289.406	214.177	241.766	19.581	0.12422	1.93389	5 X
K01P07W	15.9	0.15	K129U	11.766	341.719	7.268	11.063	0.29994	3.06638	3 X
K01P11L	16.1	0.15	K129U	21.306	251.894	96.141	5.262	0.21573	3.02172	5 X
K01P20F	17.8	0.15	K129U	14.597	298.211	43.705	3.187	0.30164	2.35880	3 X
K01P23N	18.0	0.15	K129U	34.938	343.416	340.793	4.524	0.22919	2.34614	3 X
K01P40S	16.6	0.15	K129U	14.601	124.891	237.710	7.468	0.16934	2.35250	4 X
K01P41F	17.0	0.15	K129U	58.954	23.994	292.094	6.884	0.21578	2.33285	4 X
K01P54Y	17.6	0.15	K129U	50.474	8.679	283.868	2.776	0.21287	2.35026	7 X
K01P55N	17.7	0.15	K129U	19.975	14.778	331.010	3.729	0.23771	2.34594	3 X
K01P57P	16.8	0.15	K129U	10.399	25.790	342.268	6.985	0.12937	2.34351	4 X
K01Q05R	17.5	0.15	K129U	31.057	176.239	147.832	2.717	0.23042	2.35081	4 X

K01Q45Y	17.1	0.15	K129U	27.601	43.625	305.867	6.655	0.14458	2.32816	6	X
K01Q67Q	17.0	0.15	K129U	33.270	234.359	84.405	5.329	0.25219	2.35509	5	X
K01QB1J	16.8	0.15	K129U	34.642	214.715	114.828	10.809	0.29585	2.33883	6	X
K01QE6K	18.2	0.15	K129U	47.005	343.957	329.634	0.777	0.19209	2.35515	6	X
K01QF7R	15.7	0.15	K129U	346.156	220.468	169.808	5.129	0.28617	3.07396	4	X
K01QG0W	17.3	0.15	K129U	39.525	166.209	156.283	2.916	0.19537	2.34472	7	X
K01QI6L	17.2	0.15	K129U	34.885	132.291	192.103	1.829	0.22968	2.35453	5	X
K01QK8M	15.9	0.15	K129U	21.134	0.424	347.807	10.973	0.16637	3.04119	3	X
K01QL0O	17.1	0.15	K129U	346.465	340.108	14.531	5.373	0.23533	2.41348	3	X
K01QN0V	17.0	0.15	K129U	348.441	146.155	248.950	6.012	0.16524	2.34739	6	X
K01QN4S	15.9	0.15	K129U	4.883	48.288	350.028	15.168	0.39032	3.05348	4	X
K01QO6G	16.9	0.15	K129U	19.905	338.621	7.539	12.741	0.28046	2.37384	5	X
K01QS3L	15.8	0.15	K129U	4.447	112.316	281.464	12.316	0.37643	3.05114	4	X
K01QX3Y	16.1	0.15	K129U	351.252	285.137	101.490	5.619	0.18172	3.08417	6	X
K01R08R	17.9	0.15	K129U	358.478	192.392	174.245	3.142	0.24286	2.37291	3	X
K01R08S	17.6	0.15	K129U	81.811	288.823	348.832	5.213	0.22410	2.33490	5	X
K01R11J	17.1	0.15	K129U	32.972	135.558	184.429	10.400	0.27208	2.37460	6	X
K01R16L	17.7	0.15	K129U	28.410	70.589	263.480	1.197	0.22535	2.36189	4	X
K01R19Y	17.0	0.15	K129U	22.931	157.903	170.595	6.421	0.32159	3.07665	2	X
K01R53T	17.5	0.15	K129U	38.998	227.744	80.354	2.220	0.19220	2.36353	6	X
K01R54S	16.0	0.15	K129U	40.135	326.487	10.741	12.574	0.13378	2.306489	5	X
K01R55U	18.0	0.15	K129U	17.055	202.525	134.078	5.536	0.27491	2.37041	2	X
K01R57R	15.9	0.15	K129U	10.355	4.286	5.870	12.073	0.16066	3.05201	5	X
K01R88F	16.9	0.15	K129U	41.651	148.035	179.199	23.580	0.20827	2.35712	4	X
K01R96J	18.4	0.15	K129U	334.659	168.931	236.639	1.059	0.23425	2.36316	4	X
K01RA5D	17.9	0.15	K129U	344.974	24.461	9.902	1.494	0.19388	2.35783	3	X
K01RA9Q	17.2	0.15	K129U	341.657	242.998	160.487	7.231	0.10079	2.34434	5	X
K01RB0L	15.7	0.15	K129U	23.786	11.011	359.731	8.979	0.04276	2.99655	6	X
K01RB2P	17.5	0.15	K129U	55.878	304.636	357.504	8.081	0.19811	2.35064	5	X
K01RB9W	15.7	0.15	K129U	6.217	228.404	157.526	16.139	0.27991	3.04856	3	X
K01RD1R	16.0	0.15	K129U	36.463	202.610	126.046	2.942	0.15228	3.07597	7	X
K01RE5P	18.0	0.15	K129U	45.738	35.554	294.904	5.501	0.22447	2.33362	5	X
K01S06C	16.2	0.15	K129U	41.697	140.922	176.833	10.348	0.11064	3.07092	6	X
K01S18S	16.9	0.15	K129U	354.325	8.387	11.124	5.012	0.14163	2.37112	5	X
K01S60G	15.2	0.15	K129U	35.752	350.424	349.400	13.324	0.13911	3.08017	5	X
K01S62T	17.5	0.15	K129U	4.779	347.157	22.881	6.966	0.25194	2.37756	2	X
K01S80H	16.3	0.15	K129U	38.886	156.124	180.769	10.749	0.10698	3.01331	8	X
K01S86R	16.0	0.15	K129U	9.172	196.288	175.315	11.054	0.11043	3.02757	6	X
K01S96C	15.9	0.15	K129U	358.685	187.801	179.090	9.446	0.09019	3.09474	6	X
K01S99O	18.0	0.15	K129U	350.211	35.226	347.600	2.674	0.19783	2.37282	4	X
K01S99Y	16.6	0.15	K129U	297.822	99.919	344.138	8.821	0.15553	2.37437	5	X
K01SA0H	17.9	0.15	K129U	344.190	192.392	210.117	3.576	0.20671	2.36308	5	X
K01SA0V	16.2	0.15	K129U	8.646	58.679	311.121	3.525	0.15557	3.07198	5	X
K01SC5D	15.7	0.15	K129U	347.591	204.849	181.223	10.159	0.11562	3.07563	7	X
K01SC8J	17.5	0.15	K129U	10.658	156.618	230.425	4.819	0.18846	2.32959	4	X
K01SC9A	16.7	0.15	K129U	56.983	333.861	329.591	3.913	0.20818	2.35443	5	X
K01SD0M	17.4	0.15	K129U	336.286	64.442	352.536	6.347	0.19223	2.35824	3	X
K01SD3Q	15.7	0.15	K129U	312.017	223.077	188.636	27.523	0.17896	3.15563	6	X
K01SD9K	16.0	0.15	K129U	341.549	196.708	203.965	4.126	0.13320	3.09957	5	X
K01SD9Y	15.8	0.15	K129U	359.585	175.188	188.120	18.654	0.20935	3.12211	3	X
K01SF1T	15.3	0.15	K129U	353.334	4.735	8.263	17.682	0.19656	3.13313	4	X
K01SF8D	16.3	0.15	K129U	339.308	75.381	351.616	14.137	0.33316	3.09221	4	X
K01SF9N	17.3	0.15	K129U	340.015	185.962	214.075	5.093	0.12221	2.37406	5	X
K01SH1H	16.7	0.15	K129U	331.168	88.197	313.099	5.352	0.10761	2.37148	4	X
K01SI2Y	17.6	0.15	K129U	351.989	26.342	0.976	2.127	0.21950	2.35453	4	X
K01SL0A	17.3	0.15	K129U	42.877	254.177	56.409	1.970	0.19048	2.37015	5	X
K01SL6Y	18.1	0.15	K129U	3.865	315.563	43.360	2.270	0.19320	2.37633	3	X
K01SM7J	16.6	0.15	K129U	30.216	180.774	152.413	1.449	0.18933	3.10493	7	X
K01SM7N	17.4	0.15	K129U	345.322	199.054	193.717	1.294	0.16820	2.37868	5	X
K01SN1S	17.6	0.15	K129U	7.873	319.892	33.423	5.658	0.20376	2.38782	3	X
K01SN3B	17.3	0.15	K129U	353.308	244.171	144.501	2.698	0.18052	2.37572	5	X
K01SN5C	17.6	0.15	K129U	5.293	351.787	17.641	3.654	0.20532	2.37831	3	X
K01SO1S	15.9	0.15	K129U	342.526	10.559	24.712	11.929	0.12018	3.12259	5	X
K01SO3V	17.9	0.15	K129U	20.121	339.354	9.379	4.859	0.16954	2.37021	3	X
K01SQ0B	16.2	0.15	K129U	359.247	111.357	251.498	4.220	0.14782	3.10563	6	X
K01SQ1G	18.1	0.15	K129U	355.852	21.170	350.058	2.404	0.18205	2.39103	4	X
K01SQ1M	17.3	0.15	K129U	31.134	100.136	207.416	5.921	0.31879	2.38942	5	X
K01SQ6J	16.5	0.15	K129U	27.864	336.541	20.456	5.697	0.21795	2.36243	5	X
K01SR1Q	17.2	0.15	K129U	60.183	297.870	11.230	4.963	0.25285	2.35260	4	X
K01SS5E	16.4	0.15	K129U	353.963	27.246	357.285	1.995	0.16444	3.12287	5	X
K01ST2K	16.1	0.15	K129U	47.274	105.376	187.731	24.792	0.30273	3.08478	3	X
K01ST6G	17.9	0.15	K129U	77.588	319.652	330.798	6.158	0.16315	2.33894	5	X
K01SW1O	15.9	0.15	K129U	345.559	133.270	247.224	8.448	0.13088	3.11349	5	X
K01SY2H	16.7	0.15	K129U	328.713	248.418	178.267	4.833	0.15865	3.08094	4	X
K01SY9O	17.4	0.15	K129U	12.341	272.507	77.704	3.591	0.21283	2.37769	4	X
K01SZ5L	17.2	0.15	K129U	32.131	272.947	54.232	6.454	0.24701	2.36981	7	X
K01T01J	16.1	0.15	K129U	25.685	136.775	205.504	9.509	0.12606	3.15980	7	X

K01T04R	15.9	0.15	K129U	15.960	145.111	196.588	13.881	0.19765	3.11967	4	X
K01T16C	15.6	0.15	K129U	347.505	281.867	130.570	10.952	0.12217	3.07207	6	X
K01T48Q	15.9	0.15	K129U	348.078	39.424	347.039	4.245	0.20379	3.14214	7	X
K01T59P	16.0	0.15	K129U	42.278	286.895	27.762	14.865	0.23518	3.11290	5	X
K01T96G	16.3	0.15	K129U	323.222	222.380	216.953	8.156	0.16507	2.36876	4	X
K01TA9W	15.7	0.15	K129U	12.788	353.247	1.474	5.366	0.28200	3.11947	7	X
K01TB2U	18.1	0.15	K129U	335.033	86.914	318.405	1.403	0.20991	2.38607	4	X
K01TB5J	14.9	0.15	K129U	0.797	163.609	233.504	15.733	0.23824	3.11617	5	X
K01TB7Y	16.3	0.15	K129U	46.923	62.694	236.647	22.132	0.22639	2.38004	5	X
K01TC2M	14.9	0.15	K129U	11.241	131.713	252.318	13.909	0.20227	3.10635	5	X
K01TC4X	15.1	0.15	K129U	311.198	163.416	290.050	8.300	0.14424	3.09142	7	X
K01TD2W	16.7	0.15	K129U	18.280	18.124	302.478	8.771	0.26985	2.39605	2	X
K01TE1W	17.5	0.15	K129U	322.925	348.135	79.946	4.103	0.17081	2.37183	5	X
K01TE4C	17.3	0.15	K129U	344.719	299.225	100.040	5.426	0.14956	2.37167	7	X
K01TH6N	16.5	0.15	K129U	347.943	21.624	11.027	2.155	0.14726	3.12673	5	X
K01TI2C	17.3	0.15	K129U	10.512	40.968	311.860	1.472	0.19567	2.39192	7	X
K01TI8O	15.9	0.15	K129U	316.259	53.773	31.143	14.033	0.28840	3.16195	4	X
K01TI9C	15.0	0.15	K129U	9.762	131.673	244.444	8.438	0.16551	3.13026	6	X
K01TJ2L	17.5	0.15	K129U	10.556	105.262	278.736	2.234	0.24056	2.36760	4	X
K01TL5C	15.4	0.15	K129U	46.540	342.200	349.350	12.294	0.10726	3.11704	6	X
K01TO7Z	18.0	0.15	K129U	292.323	329.207	127.269	1.839	0.15972	2.37404	4	X
K01TO9P	15.8	0.15	K129U	350.238	1.964	29.982	8.827	0.15863	3.09454	5	X
K01TP1C	16.1	0.15	K129U	321.606	31.263	33.313	10.821	0.03220	3.08250	5	X
K01TP2L	15.9	0.15	K129U	90.317	98.524	185.293	16.904	0.08745	3.08798	4	X
K01U20B	15.5	0.15	K129U	18.088	320.536	35.435	27.729	0.11048	3.10051	5	X
K01U28N	16.9	0.15	K129U	317.410	348.791	71.224	3.208	0.13921	2.39309	6	X
K01U37L	15.9	0.15	K129U	353.560	27.928	24.372	17.283	0.15310	3.06390	3	X
K01U61U	15.7	0.15	K129U	284.656	73.062	23.538	8.991	0.04659	3.13212	5	X
K01UA0M	17.7	0.15	K129U	328.370	325.246	89.767	3.179	0.19702	2.39982	4	X
K01UA0X	15.8	0.15	K129U	51.541	277.752	23.800	13.569	0.24828	3.09936	6	X
K01UA1Y	17.7	0.15	K129U	38.045	287.296	33.099	1.809	0.16117	2.38641	6	X
K01UA2H	17.3	0.15	K129U	36.732	244.642	70.735	3.257	0.22849	2.38462	6	X
K01UA8R	14.8	0.15	K129U	359.028	161.080	225.878	12.588	0.14001	3.15342	4	X
K01UB0X	15.7	0.15	K129U	305.341	75.612	20.070	8.462	0.21802	3.14199	5	X
K01UC4K	15.7	0.15	K129U	15.007	291.843	79.725	17.549	0.24548	3.08475	6	X
K01UC5G	16.1	0.15	K129U	348.487	305.520	107.394	12.401	0.18858	3.10213	4	X
K01UD0J	15.7	0.15	K129U	15.455	324.849	39.774	11.596	0.11686	3.11420	5	X
K01UD8T	15.9	0.15	K129U	355.850	339.702	35.803	9.767	0.09652	3.15159	6	X
K01UE2Q	17.9	0.15	K129U	6.307	319.799	38.001	6.883	0.27395	2.39109	2	X
K01UE3Z	17.7	0.15	K129U	302.551	26.286	59.726	2.975	0.18144	2.40429	4	X
K01UE5S	15.1	0.15	K129U	301.141	80.839	55.585	18.306	0.21956	3.09168	5	X
K01UE8A	16.4	0.15	K129U	345.899	307.071	93.484	2.934	0.15755	3.13233	6	X
K01UF6E	16.4	0.15	K129U	318.065	32.883	49.425	27.754	0.26011	3.16032	3	X
K01UG0A	17.3	0.15	K129U	345.272	319.304	79.433	5.882	0.18404	2.40040	5	X
K01UG3X	17.2	0.15	K129U	332.228	247.060	164.382	5.576	0.21052	2.37509	4	X
K01UH2M	15.8	0.15	K129U	289.399	58.329	36.202	5.712	0.17741	3.18197	6	X
K01UH2V	17.6	0.15	K129U	345.989	183.807	206.353	4.342	0.13536	2.39445	6	X
K01UH3H	15.7	0.15	K129U	75.604	288.023	39.816	12.187	0.07318	3.07042	7	X
K01UH3W	16.1	0.15	K129U	7.781	149.836	219.760	9.939	0.19375	3.13982	3	X
K01UH7J	15.6	0.15	K129U	3.685	163.615	221.785	9.995	0.13088	3.11308	5	X
K01UI4Z	18.2	0.15	K129U	337.796	356.038	45.889	3.591	0.18359	2.39179	4	X
K01UI6Z	16.1	0.15	K129U	315.929	47.060	28.322	16.746	0.09350	3.10784	3	X
K01UK1U	15.5	0.15	K129U	347.326	191.721	217.781	17.745	0.08108	3.09102	5	X
K01UK5W	17.8	0.15	K129U	352.461	115.572	274.730	1.516	0.20089	2.38924	5	X
K01UK7U	17.2	0.15	K129U	52.702	124.801	184.190	5.290	0.15046	2.38002	5	X
K01UL3G	17.8	0.15	K129U	7.612	133.357	233.435	4.032	0.16365	2.37405	4	X
K01UL6D	17.0	0.15	K129U	347.443	16.394	12.648	5.966	0.19042	2.39399	4	X
K01UL9J	16.1	0.15	K129U	40.163	112.371	231.398	15.607	0.24458	3.09840	4	X
K01UL9N	16.6	0.15	K129U	345.697	48.086	6.268	0.871	0.19079	3.12991	6	X
K01UM6U	16.7	0.15	K129U	346.975	257.917	141.441	6.258	0.15510	3.10077	4	X
K01UM8D	17.2	0.15	K129U	85.079	38.901	242.694	2.030	0.16366	2.37266	7	X
K01V21G	15.5	0.15	K129U	1.258	151.752	232.916	9.697	0.24351	3.13690	5	X
K01V23R	15.0	0.15	K129U	10.359	351.102	48.854	15.996	0.12269	3.10659	7	X
K01V25W	17.0	0.15	K129U	296.100	55.058	45.566	3.367	0.14757	2.40849	5	X
K01V28G	16.8	0.15	K129U	1.776	309.940	60.222	7.103	0.12352	2.41966	6	X
K01V38R	16.7	0.15	K129U	354.628	358.918	53.248	7.358	0.10474	2.37525	4	X
K01V53F	17.4	0.15	K129U	340.888	116.917	274.111	5.619	0.17642	2.40337	5	X
K01V69E	15.4	0.15	K129U	133.989	228.070	49.276	10.170	0.04127	3.07497	5	X
K01V83Y	16.2	0.15	K129U	342.600	27.672	25.126	26.401	0.27723	3.13478	2	X
K01V90E	16.2	0.15	K129U	318.167	33.192	67.583	25.026	0.26037	2.37674	5	X
K01VA2M	15.2	0.15	K129U	54.881	97.693	250.167	9.081	0.04163	3.11528	5	X
K01VB3V	17.8	0.15	K129U	349.147	26.497	11.790	0.791	0.31119	2.39254	3	X
K01W02T	16.6	0.15	K129U	295.221	121.381	352.645	1.665	0.21498	3.12584	7	X
K01W02U	16.1	0.15	K129U	297.956	254.226	221.969	15.510	0.20238	3.10912	4	X
K01W42A	16.3	0.15	K129U	336.749	348.188	68.137	6.178	0.17662	3.14353	4	X
K01W52E	16.4	0.15	K129U	9.097	89.804	256.824	1.570	0.28933	3.15030	2	X
K01W52J	16.0	0.15	K129U	288.268	236.427	222.986	7.087	0.00717	3.13822	7	X

K01W64G	17.8	0.15	K129U	343.824	342.956	46.096	2.374	0.17949	2.41602	3 X
K01W64H	17.6	0.15	K129U	356.094	136.743	247.430	4.640	0.20765	2.40206	3 X
K01X02H	15.6	0.15	K129U	344.747	23.494	18.978	28.138	0.26990	3.16288	2 X
K01X20A	17.6	0.15	K129U	346.651	81.450	321.957	4.509	0.33417	2.40283	3 X
K01X80N	15.0	0.15	K129U	279.956	57.120	90.963	27.394	0.23536	3.17400	5 X
K01XC5O	15.5	0.15	K129U	11.756	141.350	232.195	8.405	0.09053	3.17416	5 X
K01XD3A	17.7	0.15	K129U	341.140	291.486	109.292	3.573	0.16626	2.41259	5 X
K01XG7Z	17.5	0.15	K129U	315.883	289.683	141.454	3.093	0.17908	2.42986	4 X
K01XK1J	15.6	0.15	K129U	302.292	237.239	219.589	15.415	0.10609	3.09984	5 X
K01XL0W	16.6	0.15	K129U	288.303	250.042	172.321	4.945	0.24012	2.48054	4 X
K01XL7X	15.8	0.15	K129U	6.594	154.542	235.876	16.516	0.21636	3.07983	5 X
K01XM0P	17.0	0.15	K129U	10.243	73.421	289.309	3.875	0.24925	2.39668	5 X
K01XQ5V	16.2	0.15	K129U	325.309	277.098	145.597	6.194	0.22167	3.17855	5 X
K01Y08V	17.0	0.15	K129U	273.283	70.170	45.193	5.507	0.12932	2.45293	5 X
K01Y14D	16.6	0.15	K129U	298.595	49.347	42.580	10.501	0.08507	2.41601	5 X
K01Y21Y	18.0	0.15	K129U	318.938	31.122	42.929	3.340	0.20510	2.40516	4 X
K01Y26A	16.7	0.15	K129U	20.397	82.200	259.501	3.498	0.13819	2.43355	7 X
K01Y50X	17.5	0.15	K129U	314.867	162.181	288.416	4.213	0.19406	2.40958	6 X
K01YC9M	17.1	0.15	K129U	346.546	29.533	33.284	6.232	0.09935	2.38707	4 X
K01YD4O	15.3	0.15	K129U	344.905	31.067	33.266	18.343	0.13300	3.15178	5 X
K02A30V	17.4	0.15	K129U	299.993	173.138	270.465	2.596	0.17682	2.46325	5 X
K02A33K	17.1	0.15	K129U	4.798	313.315	45.339	3.309	0.10295	2.50910	6 X
K02A76G	16.0	0.15	K129U	130.229	155.873	101.053	15.390	0.08481	2.47407	6 X
K02AH1P	16.9	0.15	K129U	170.585	108.967	91.767	3.453	0.12482	2.53066	6 X
K02B22Z	15.4	0.15	K129U	8.244	35.990	357.469	14.068	0.28741	3.16757	5 X
K02CK0G	17.4	0.15	K129U	304.355	124.080	339.898	5.889	0.14563	2.45748	5 X
K02CM1F	16.6	0.15	K129U	179.263	191.047	353.582	13.743	0.18235	2.59930	5 X
K02G93S	16.3	0.15	K129U	198.157	330.361	214.329	14.436	0.09782	2.58970	5 X
K02G99X	16.9	0.15	K129U	237.424	159.238	357.076	6.782	0.16443	2.54149	6 X
K02GH2H	16.3	0.15	K129U	79.247	254.688	28.238	13.192	0.15161	2.65752	5 X
K02J81O	16.3	0.15	K129U	155.981	358.747	220.296	12.691	0.16197	2.62644	6 X
K02K01A	17.3	0.15	K129U	67.773	330.386	335.948	5.341	0.30927	2.14147	6 X
K02N54R	15.8	0.15	K129U	95.117	152.613	126.496	14.612	0.17853	2.76170	5 X
K02N77N	16.4	0.15	K129U	96.738	8.008	259.760	3.245	0.02770	2.79234	7 X
K02N80L	18.3	0.15	K129U	29.533	58.598	268.958	4.847	0.23048	2.20136	3 X
K02O27F	18.9	0.15	K129U	72.447	130.356	150.575	2.454	0.15131	2.19219	4 X
K02P13T	18.2	0.15	K129U	26.751	201.487	129.271	5.633	0.18450	2.19509	4 X
K02P17R	16.1	0.15	K129U	177.135	293.308	301.504	14.226	0.06421	2.69101	3 X
K02PA7K	16.2	0.15	K129U	31.528	17.749	337.459	7.530	0.23664	2.81023	4 X
K02PB8U	17.7	0.15	K129U	21.332	145.548	191.547	5.204	0.23796	2.21248	6 X
K02PD5P	17.8	0.15	K129U	33.959	209.072	108.465	3.303	0.25588	2.20804	6 X
K02PG9M	16.9	0.15	K129U	33.645	347.854	356.276	4.429	0.09864	2.80508	5 X
K02PH7M	15.9	0.15	K129U	275.280	167.434	323.084	17.995	0.16295	2.74806	5 X
K02PI4E	18.1	0.15	K129U	82.050	328.719	318.206	4.106	0.11922	2.18281	4 X
K02PI6T	18.1	0.15	K129U	28.995	336.986	353.246	4.516	0.14621	2.20371	4 X
K02PJ6D	17.6	0.15	K129U	21.333	293.588	41.875	5.542	0.28252	2.21467	5 X
K02PJ7Q	17.9	0.15	K129U	64.800	135.830	159.016	6.637	0.09130	2.18428	6 X
K02PK0P	16.6	0.15	K129U	348.993	37.878	353.566	4.583	0.03486	2.79020	7 X
K02Q14S	17.6	0.15	K129U	34.711	30.623	299.648	3.993	0.19924	2.20054	5 X
K02Q48D	18.1	0.15	K129U	27.350	12.789	329.176	3.845	0.17792	2.19423	4 X
K02Q55J	16.2	0.15	K129U	351.808	61.826	356.384	11.333	0.28266	2.82397	5 X
K02Q56G	17.8	0.15	K129U	242.637	124.597	12.523	3.245	0.01141	2.18703	7 X
K02Q63K	16.3	0.15	K129U	316.722	91.574	343.095	6.133	0.03122	2.79723	6 X
K02Q69Z	17.7	0.15	K129U	336.969	63.803	325.367	7.859	0.05925	2.20694	4 X
K02Q89A	18.1	0.15	K129U	57.706	342.559	323.362	3.504	0.15826	2.19591	4 X
K02Q90L	16.5	0.15	K129U	2.745	320.097	57.299	7.015	0.07860	2.84775	4 X
K02QA6A	18.2	0.15	K129U	16.091	305.702	36.893	5.194	0.23052	2.21706	3 X
K02QA8F	18.0	0.15	K129U	334.073	221.423	190.807	0.623	0.19109	2.19610	5 X
K02QB0E	16.7	0.15	K129U	91.464	333.981	310.989	3.211	0.07341	2.79949	7 X
K02QB5K	18.2	0.15	K129U	339.794	24.519	332.185	4.031	0.17949	2.25270	5 X
K02QB7A	16.3	0.15	K129U	50.586	71.652	275.065	4.648	0.05551	2.76903	4 X
K02QC1S	18.4	0.15	K129U	11.680	166.914	179.077	4.777	0.22076	2.21951	3 X
K02QC1W	19.3	0.15	K129U	13.019	113.673	241.004	1.841	0.22091	2.21040	2 X
K02QC6A	18.2	0.15	K129U	44.711	154.010	164.314	8.062	0.11519	2.20035	4 X
K02QC9Y	16.7	0.15	K129U	80.413	9.673	312.564	5.218	0.02117	2.76478	6 X
K02QD2S	16.7	0.15	K129U	17.729	115.030	249.773	7.977	0.14446	2.84242	5 X
K02QD5K	16.6	0.15	K129U	82.369	268.346	4.386	14.461	0.13242	2.86198	3 X
K02QD9A	16.8	0.15	K129U	127.078	310.015	293.828	2.846	0.14971	2.78062	3 X
K02QE2N	16.9	0.15	K129U	345.806	180.331	202.047	10.164	0.14834	2.89207	5 X
K02QE6U	16.5	0.15	K129U	287.067	345.229	103.885	3.203	0.04193	2.82832	6 X
K02QE9Z	16.5	0.15	K129U	68.398	89.955	226.210	2.723	0.08804	2.78542	6 X
K02QF0X	17.6	0.15	K129U	11.481	89.783	279.067	3.412	0.12826	2.19606	5 X
K02QF2N	17.7	0.15	K129U	7.236	358.214	33.799	4.417	0.16295	2.17576	5 X
K02R02P	16.9	0.15	K129U	8.308	0.650	352.986	4.962	0.16954	2.22490	6 X
K02R06H	17.8	0.15	K129U	1.582	205.607	168.530	3.959	0.19278	2.20818	6 X
K02R78P	17.7	0.15	K129U	40.326	352.178	334.238	5.906	0.20144	2.20521	4 X
K02RF1H	15.8	0.15	K129U	335.664	41.138	312.936	11.027	0.14489	2.98754	5 X

K02RF8E	18.4	0.15	K129U	5.427	62.043	303.357	1.089	0.15543	2.21935	5 X
K02RH0P	16.5	0.15	K129U	37.962	143.744	175.022	15.185	0.14926	2.87678	4 X
K02RN6F	17.6	0.15	K129U	7.329	316.942	47.885	5.758	0.17537	2.21365	4 X
K02RQ1M	16.9	0.15	K129U	329.582	193.820	222.906	5.050	0.08981	2.86544	5 X
K02RQ8B	18.0	0.15	K129U	47.968	298.675	358.914	5.867	0.19659	2.22102	5 X
K02RR7U	18.1	0.15	K129U	10.154	114.379	273.441	5.717	0.18059	2.18773	4 X
K02S02Q	17.2	0.15	K129U	187.371	181.184	11.735	25.146	0.06830	1.83610	4 X
K02S18J	18.2	0.15	K129U	43.938	152.529	170.216	2.688	0.12654	2.22344	6 X
K02S19Z	18.7	0.15	K129U	10.045	170.994	180.206	8.818	0.27422	2.22812	3 X
K02S34F	17.1	0.15	K129U	1.258	29.593	3.566	7.703	0.15992	2.20165	6 X
K02S60A	17.6	0.15	K129U	51.294	229.371	70.453	5.360	0.18529	2.21244	5 X
K02T18M	17.9	0.15	K129U	333.547	50.586	355.125	3.304	0.17651	2.23135	3 X
K02T43Q	17.9	0.15	K129U	18.977	129.260	215.381	2.574	0.21534	2.24075	7 X
K02T49A	17.6	0.15	K129U	6.394	331.705	22.811	8.007	0.22597	2.25239	2 X
K02T62R	16.1	0.15	K129U	317.591	227.334	207.970	14.839	0.16333	2.91149	5 X
K02T68Y	18.7	0.15	K129U	340.882	58.036	19.888	20.809	0.51478	2.21659	3 X
K02T77Y	16.2	0.15	K129U	21.683	314.268	12.667	11.672	0.25859	2.94876	4 X
K02T85U	17.4	0.15	K129U	39.014	92.510	224.212	4.109	0.19287	2.22888	5 X
K02T88Z	17.4	0.15	K129U	1.219	145.178	248.027	4.208	0.14611	2.21401	5 X
K02TA6H	16.5	0.15	K129U	32.102	25.901	336.545	5.422	0.10112	2.86145	6 X
K02TB6L	15.9	0.15	K129U	321.005	149.242	251.440	10.121	0.14734	2.97381	4 X
K02TD5P	15.9	0.15	K129U	50.380	345.755	0.860	12.780	0.24263	2.84568	6 X
K02TD5X	17.8	0.15	K129U	353.032	96.802	297.508	6.105	0.17626	2.22798	3 X
K02TE9D	17.6	0.15	K129U	58.581	14.019	279.364	2.924	0.12541	2.23687	6 X
K02TF7P	15.7	0.15	K129U	59.751	278.327	45.266	25.908	0.24050	2.85340	5 X
K02TH8J	17.1	0.15	K129U	6.428	90.255	281.203	4.333	0.14950	2.22808	6 X
K02TI6D	16.9	0.15	K129U	40.132	92.850	217.562	5.574	0.16996	2.23476	5 X
K02TJ0E	16.2	0.15	K129U	25.810	42.855	330.913	14.654	0.16067	2.84414	5 X
K02TJ5J	15.7	0.15	K129U	330.428	19.042	29.801	14.099	0.16904	2.96379	4 X
K02TJ8Z	16.0	0.15	K129U	323.736	215.502	201.524	3.394	0.17666	2.94679	6 X
K02TM9O	17.5	0.15	K129U	5.533	330.512	31.615	3.908	0.16428	2.24003	6 X
K02TN9E	15.9	0.15	K129U	359.326	5.476	6.927	7.425	0.12983	2.95280	5 X
K02TN9M	16.5	0.15	K129U	338.496	24.268	13.152	14.318	0.22369	2.94489	3 X
K02TR1T	17.7	0.15	K129U	335.880	59.674	338.942	3.080	0.16574	2.24216	4 X
K02TW3C	16.8	0.15	K129U	24.770	327.542	16.237	2.188	0.04695	2.90220	6 X
K02TW7Q	17.2	0.15	K129U	11.916	344.878	19.138	11.733	0.06522	2.89561	4 X
K02Tb7V	17.9	0.15	K129U	329.574	31.616	20.474	4.110	0.16780	2.22598	4 X
K02U27J	17.5	0.15	K129U	4.539	149.656	246.071	4.248	0.14810	2.21492	5 X
K02U41K	17.5	0.15	K129U	352.478	266.725	119.701	2.970	0.17071	2.24728	7 X
K02U43C	17.1	0.15	K129U	3.341	140.014	223.387	2.863	0.17457	2.96382	3 X
K02U45S	15.8	0.15	K129U	297.930	52.277	38.305	13.808	0.15949	2.96847	5 X
K02U71U	15.6	0.15	K129U	41.840	105.883	231.860	11.035	0.06284	2.94992	4 X
K02V09C	15.9	0.15	K129U	318.150	167.126	242.393	9.023	0.08201	2.99885	4 X
K02V17B	17.1	0.15	K129U	304.215	203.597	242.334	8.141	0.05647	2.23929	5 X
K02V55T	15.9	0.15	K129U	324.109	35.251	28.505	5.684	0.26250	2.98313	6 X
K02V66U	16.8	0.15	K129U	254.333	93.419	40.851	7.253	0.08278	2.25186	6 X
K02V86M	17.8	0.15	K129U	11.609	18.093	1.751	2.624	0.22421	2.22197	5 X
K02VA0Z	17.3	0.15	K129U	9.799	128.121	251.136	8.703	0.21137	2.24166	3 X
K02VC2J	17.1	0.15	K129U	285.917	238.537	247.801	20.609	0.36437	2.26354	4 X
K02VD1T	16.4	0.15	K129U	312.713	25.471	46.922	9.177	0.16171	2.98040	6 X
K02W01A	18.3	0.15	K129U	333.717	354.515	62.459	21.890	0.12837	1.84542	5 X
K02W04H	17.8	0.15	K129U	313.029	3.570	67.095	4.512	0.15572	2.27049	3 X
K02X17F	15.8	0.15	K129U	342.324	53.176	7.536	9.537	0.29185	2.97733	4 X
K02X41T	17.4	0.15	K129U	8.318	312.685	47.356	7.739	0.24624	2.25985	4 X
K02X98H	17.3	0.15	K129U	299.512	206.501	230.730	6.895	0.10760	2.27346	7 X
K02X98J	17.4	0.15	K129U	291.844	181.049	262.605	2.949	0.10791	2.27916	7 X
K02XB8W	17.6	0.15	K129U	33.287	95.213	225.740	5.149	0.19780	2.26889	7 X
K02Y08K	16.9	0.15	K129U	330.378	327.918	92.423	9.595	0.14572	2.26664	6 X
K02Y09R	16.9	0.15	K129U	306.504	168.285	262.773	2.978	0.13086	2.30379	7 X
K02Y15K	15.9	0.15	K129U	299.751	199.788	278.045	8.842	0.26964	3.01071	4 X
K02Y30D	15.7	0.15	K129U	270.759	354.975	114.130	3.926	0.15026	3.11513	5 X
K03A42G	17.0	0.15	K129U	326.353	183.247	267.416	4.628	0.14909	2.27072	5 X
K03A52G	15.6	0.15	K129U	293.853	130.910	333.742	5.382	0.08360	3.09206	6 X
K03A84R	16.0	0.15	K129U	326.161	7.228	66.756	8.648	0.23816	3.02366	4 X
K03A86S	15.4	0.15	K129U	302.194	0.871	117.369	13.421	0.20327	2.99049	5 X
K03B14K	17.0	0.15	K129U	282.274	199.013	252.320	4.832	0.09129	2.33899	5 X
K03B19B	14.8	0.15	K129U	297.085	144.755	316.833	22.658	0.15626	3.10919	6 X
K03B41D	17.3	0.15	K129U	15.587	217.694	138.734	5.063	0.00908	2.35269	6 X
K03B46E	17.8	0.15	K129U	173.785	267.941	294.076	16.707	0.06084	1.90194	3 X
K03B57H	16.4	0.15	K129U	319.577	272.457	169.977	1.325	0.24851	3.05137	4 X
K03B59Y	15.5	0.15	K129U	241.272	45.817	126.483	15.208	0.22807	3.17943	4 X
K03B60R	17.1	0.15	K129U	312.130	197.794	247.614	1.788	0.14433	2.30417	7 X
K03B63V	15.9	0.15	K129U	284.904	16.696	116.149	19.338	0.15982	3.09539	5 X
K03B77T	17.2	0.15	K129U	303.710	122.935	330.338	6.241	0.13672	2.30584	4 X
K03C02O	17.1	0.15	K129U	291.120	133.403	322.202	18.776	0.11349	1.89628	6 X
K03C26C	17.3	0.15	K129U	281.308	128.876	355.111	7.113	0.10196	2.30712	5 X
K03C26K	18.2	0.15	K129U	263.334	157.531	338.117	2.206	0.17845	2.33277	4 X

K03E47U	17.6	0.15	K129U	169.461	189.782	19.222	1.370	0.13395	2.40760	4	X
K03E60K	16.9	0.15	K129U	283.328	106.324	40.931	5.249	0.17921	2.30122	5	X
K03F75P	15.7	0.15	K129U	296.601	303.376	165.740	10.368	0.20445	3.14139	6	X
K03FD1A	17.5	0.15	K129U	200.625	132.643	45.933	6.495	0.16909	2.41730	3	X
K03J18L	13.8	0.15	K129U	54.921	35.432	51.957	8.126	0.08112	5.21336	5	X
K03K12S	17.2	0.15	K129U	62.609	101.522	194.741	7.962	0.19109	2.54643	5	X
K03K19A	16.9	0.15	K129U	36.951	94.824	204.009	11.847	0.33794	2.69036	4	X
K03L02Y	16.0	0.15	K129U	57.440	37.032	258.156	35.111	0.44762	2.63524	4	X
K03M06D	15.5	0.15	K129U	27.152	113.068	255.144	13.846	0.12663	2.56934	5	X
K03O13X	15.6	0.15	K129U	56.058	358.300	312.008	35.359	0.26675	2.61800	5	X
K03Q07V	16.5	0.15	K129U	49.361	328.828	344.680	4.537	0.23881	2.65880	6	X
K03Q08H	16.5	0.15	K129U	54.249	126.048	172.895	12.952	0.26329	2.67126	3	X
K03Q22S	17.1	0.15	K129U	41.940	122.136	177.975	9.227	0.31217	2.69302	5	X
K03Q54C	15.8	0.15	K129U	35.515	357.333	350.620	13.057	0.29370	2.64559	6	X
K03QA1W	16.5	0.15	K129U	63.269	294.827	30.136	11.940	0.21133	2.63299	5	X
K03R11S	17.3	0.15	K129U	341.547	26.989	356.058	5.994	0.03777	2.70728	4	X
K03S04X	15.8	0.15	K129U	8.864	151.726	216.275	10.199	0.11714	2.70371	5	X
K03S14G	17.3	0.15	K129U	31.732	327.208	0.311	13.633	0.25913	2.69534	2	X
K03S16L	17.6	0.15	K129U	1.727	280.502	85.325	4.024	0.37092	2.71696	4	X
K03S28W	16.6	0.15	K129U	43.670	34.232	310.853	7.996	0.02411	2.67104	6	X
K03S34T	17.1	0.15	K129U	334.371	191.085	207.622	6.464	0.14524	2.69972	5	X
K03S35B	17.1	0.15	K129U	8.514	28.211	351.395	0.779	0.14802	2.67918	5	X
K03S54H	16.7	0.15	K129U	12.005	112.961	266.725	5.544	0.18163	2.66047	4	X
K03S56T	16.9	0.15	K129U	340.026	223.451	183.531	13.565	0.25061	2.69784	4	X
K03S57D	16.5	0.15	K129U	26.787	157.263	179.986	14.569	0.14423	2.69807	4	X
K03S60Z	16.8	0.15	K129U	4.287	332.221	25.019	4.676	0.25596	2.70785	3	X
K03S77D	16.2	0.15	K129U	335.207	84.171	320.058	10.120	0.14870	2.70981	4	X
K03S85D	16.5	0.15	K129U	96.439	42.767	236.750	13.166	0.09732	2.65444	5	X
K03S91S	16.0	0.15	K129U	20.029	209.216	132.584	10.058	0.22581	2.72113	5	X
K03S98G	17.3	0.15	K129U	342.745	190.999	236.969	8.066	0.32722	2.68604	4	X
K03SA7V	16.4	0.15	K129U	28.426	81.297	263.339	4.040	0.15118	2.71333	7	X
K03SA8K	15.6	0.15	K129U	56.871	308.250	5.127	14.378	0.20914	2.69783	6	X
K03SC5J	16.4	0.15	K129U	0.377	122.171	263.877	5.069	0.04758	2.69795	6	X
K03SD9T	16.3	0.15	K129U	316.633	232.914	193.944	12.943	0.07357	2.70045	5	X
K03SE9N	16.2	0.15	K129U	347.517	4.125	36.384	5.465	0.17998	2.71129	2	W
K03SF0M	16.3	0.15	K129U	30.518	243.886	78.818	7.366	0.26012	2.70924	5	X
K03SF7B	16.0	0.15	K129U	356.230	225.236	183.717	17.817	0.20882	2.67154	7	X
K03SG8X	16.1	0.15	K129U	6.505	255.850	131.214	13.165	0.19571	2.66980	6	X
K03SH3S	16.5	0.15	K129U	45.815	354.389	325.733	4.978	0.15908	2.70350	6	X
K03SH4J	17.0	0.15	K129U	16.202	5.525	347.198	6.158	0.21644	2.70163	2	X
K03SH4X	16.9	0.15	K129U	8.870	353.460	357.892	3.464	0.18852	2.72343	4	X
K03SI0T	16.2	0.15	K129U	332.290	248.051	164.712	7.295	0.08227	2.69752	6	X
K03SJ7N	16.2	0.15	K129U	56.110	308.589	10.234	11.372	0.10192	2.68635	4	X
K03SK2W	17.1	0.15	K129U	354.670	14.553	357.452	8.042	0.17571	2.71812	5	X
K03SK5R	16.6	0.15	K129U	21.197	326.739	5.898	9.445	0.19399	2.73283	3	X
K03SK5V	17.1	0.15	K129U	7.617	133.215	227.711	0.560	0.14776	2.70316	5	X
K03SK9A	16.3	0.15	K129U	36.820	35.587	316.936	12.904	0.27228	2.61714	4	X
K03SN6M	16.5	0.15	K129U	335.437	55.208	8.379	11.233	0.17568	2.67091	4	X
K03SO1X	16.6	0.15	K129U	349.220	170.175	205.737	6.170	0.02878	2.72861	6	X
K03SO2L	16.7	0.15	K129U	97.733	251.490	19.367	14.368	0.16640	2.71969	4	X
K03SO3K	18.0	0.15	K129U	0.879	5.747	357.613	8.912	0.12377	2.72027	2	X
K03SO8A	16.5	0.15	K129U	330.198	165.936	192.545	1.812	0.10055	2.81372	6	X
K03SS3E	15.8	0.15	K129U	19.027	101.024	255.431	12.894	0.08169	2.66248	5	X
K03ST8U	16.2	0.15	K129U	4.861	47.168	333.250	6.906	0.18762	2.70589	4	X
K03SU5V	16.6	0.15	K129U	340.624	141.715	256.635	7.212	0.09395	2.69732	4	X
K03SV6Z	16.4	0.15	K129U	20.064	43.401	310.448	5.674	0.08724	2.67734	4	X
K03SX0G	17.8	0.15	K129U	337.762	82.186	355.082	5.563	0.28390	2.66450	5	X
K03SX4A	16.5	0.15	K129U	281.792	98.073	4.132	9.317	0.11542	2.75738	4	X
K03SX5L	17.1	0.15	K129U	327.587	306.312	101.151	5.813	0.04531	2.73480	5	X
K03SX8P	17.6	0.15	K129U	24.589	265.507	68.432	2.665	0.19375	2.72242	3	X
K03SY2S	16.7	0.15	K129U	93.109	84.273	179.908	13.513	0.15914	2.68538	4	X
K03SZ5S	17.2	0.15	K129U	341.760	46.434	28.217	5.240	0.20640	2.65361	3	X
K03SZ9N	16.6	0.15	K129U	301.060	79.337	8.680	5.252	0.01924	2.68209	5	X
K03Sa0H	17.1	0.15	K129U	68.927	108.329	176.149	13.406	0.17130	2.71716	3	X
K03Sb8S	18.3	0.15	K129U	18.820	202.866	145.702	0.851	0.19759	2.70553	2	X
K03Sd1J	16.8	0.15	K129U	6.246	233.967	130.439	5.878	0.12588	2.72648	7	X
K03Sd2M	16.2	0.15	K129U	253.610	46.112	85.758	6.177	0.06660	2.71636	7	X
K03Se7H	17.2	0.15	K129U	100.483	115.078	151.450	14.010	0.18499	2.74216	6	X
K03Sg1D	16.7	0.15	K129U	92.463	243.223	25.901	8.028	0.16277	2.69354	5	X
K03Sh2G	17.3	0.15	K129U	25.212	130.992	218.934	2.132	0.09924	2.70084	8	X
K03Sh3N	16.5	0.15	K129U	333.104	6.141	29.658	6.727	0.07856	2.75727	3	X
K03T04R	17.2	0.15	K129U	334.968	89.009	323.168	5.440	0.14140	2.69000	4	X
K03T04Z	16.9	0.15	K129U	333.457	97.984	323.008	4.195	0.10902	2.70591	7	X
K03T19L	16.7	0.15	K129U	8.366	165.420	197.578	8.535	0.11633	2.71922	7	X
K03T20F	15.9	0.15	K129U	6.831	93.960	251.030	10.830	0.19024	2.75100	3	X
K03T39E	17.0	0.15	K129U	348.566	81.772	314.479	5.141	0.02531	2.70555	4	X
K03T56L	16.5	0.15	K129U	33.528	282.617	53.236	9.942	0.12224	2.72122	5	X



K03U24Z	16.2	0.15	K129U	346.429	49.664	338.002	5.393	0.11028	2.74102	6 X
K03U26D	16.4	0.15	K129U	347.560	177.660	218.614	7.490	0.23709	2.74870	4 X
K03U26W	19.3	0.15	K129U	3.860	324.586	29.150	18.575	0.51986	2.71728	2 X
K03U35Y	15.8	0.15	K129U	316.503	277.690	144.495	14.293	0.21955	2.77365	6 X
K03U50C	16.6	0.15	K129U	356.020	44.519	318.998	12.145	0.27504	2.76017	3 X
K03U53T	16.1	0.15	K129U	44.686	89.477	246.560	12.686	0.26060	2.69435	3 X
K03U54J	16.3	0.15	K129U	35.440	106.803	246.495	9.750	0.21860	2.70125	7 X
K03U78H	15.9	0.15	K129U	37.562	318.664	355.706	7.769	0.34111	2.73375	4 X
K03U83V	16.9	0.15	K129U	14.354	94.202	293.538	12.872	0.23038	2.66677	4 X
K03U88K	15.9	0.15	K129U	341.194	216.939	188.938	15.483	0.14218	2.76223	5 X
K03UB6D	16.6	0.15	K129U	315.242	85.184	6.084	12.249	0.26526	2.71398	5 X
K03UB7O	17.1	0.15	K129U	37.312	325.303	0.704	4.194	0.07233	2.77939	5 X
K03UB8H	16.8	0.15	K129U	29.867	81.115	276.067	4.182	0.11511	2.69107	4 X
K03UD8O	16.2	0.15	K129U	7.609	284.051	82.810	5.805	0.13921	2.75301	5 X
K03UE8Z	16.9	0.15	K129U	357.472	253.471	124.646	4.705	0.22081	2.74951	5 X
K03UF8G	16.6	0.15	K129U	318.241	37.377	25.962	6.645	0.07998	2.78304	5 X
K03UG1C	16.3	0.15	K129U	63.269	258.776	37.233	8.865	0.19587	2.74647	6 X
K03UG1Y	16.0	0.15	K129U	13.033	290.678	35.454	13.559	0.21428	2.79075	4 X
K03UG7B	16.2	0.15	K129U	12.047	347.391	19.629	15.831	0.20417	2.73333	6 X
K03UH4Y	16.2	0.15	K129U	357.866	341.290	37.753	17.661	0.11550	2.74502	4 X
K03UI3A	17.4	0.15	K129U	16.986	182.289	179.331	0.490	0.21955	2.71488	3 X
K03UI8X	16.3	0.15	K129U	347.243	30.609	8.605	9.367	0.13939	2.73982	4 X
K03UJ0A	16.6	0.15	K129U	2.738	348.499	27.107	6.349	0.05238	2.76366	4 X
K03UJ7S	16.4	0.15	K129U	15.597	312.449	35.716	13.234	0.16498	2.75028	3 X
K03UK3R	17.6	0.15	K129U	358.385	6.860	29.697	10.780	0.32208	2.71097	2 X
K03UL3S	16.5	0.15	K129U	111.293	262.263	26.051	11.918	0.04572	2.67654	3 X
K03UM9M	16.2	0.15	K129U	356.574	174.457	235.974	11.070	0.17919	2.70007	7 X
K03UN0J	16.7	0.15	K129U	3.332	194.598	183.442	7.322	0.14232	2.73544	6 X
K03UO3F	16.3	0.15	K129U	347.609	166.369	231.600	6.382	0.20308	2.75473	4 X
K03UO8F	16.6	0.15	K129U	316.200	78.614	354.447	7.487	0.05241	2.70357	5 X
K03UP0J	16.2	0.15	K129U	15.562	102.590	266.046	4.902	0.08144	2.75171	6 X
K03UP1Q	16.9	0.15	K129U	351.085	94.576	280.844	4.675	0.05944	2.77152	7 X
K03UP8L	16.9	0.15	K129U	312.383	238.668	204.096	2.867	0.17265	2.73970	5 X
K03UR8N	17.5	0.15	K129U	0.488	6.895	13.363	9.529	0.20199	2.72592	2 X
K03UT8F	16.7	0.15	K129U	103.293	48.995	215.781	4.099	0.07283	2.75086	5 X
K03UU8O	16.1	0.15	K129U	52.812	95.568	212.775	10.283	0.08260	2.76589	4 X
K03UV5A	16.8	0.15	K129U	6.738	304.288	69.637	6.908	0.03142	2.77090	4 X
K03UV8A	17.5	0.15	K129U	27.383	134.046	208.305	5.575	0.12260	2.69302	3 X
K03UX0D	17.3	0.15	K129U	348.302	87.731	318.131	7.217	0.18044	2.71621	4 X
K03UY1H	16.6	0.15	K129U	307.226	203.899	245.148	12.668	0.11946	2.60521	3 X
K03UY8D	16.9	0.15	K129U	56.062	127.677	172.975	5.160	0.14964	2.72239	5 X
K03Ue1E	17.0	0.15	K129U	259.803	220.772	271.796	5.720	0.02862	2.63537	6 X
K03W06Y	16.6	0.15	K129U	2.310	176.374	194.512	8.523	0.33519	2.75244	3 X
K03W09E	16.4	0.15	K129U	38.566	9.466	349.530	5.639	0.09126	2.71752	5 X
K03W29W	16.6	0.15	K129U	300.415	82.192	357.301	4.951	0.13172	2.80638	5 X
K03W40M	15.9	0.15	K129U	70.565	54.568	263.242	7.367	0.17132	2.74119	5 X
K03W52L	16.4	0.15	K129U	74.303	243.807	42.861	12.447	0.12216	2.78443	5 X
K03W65X	16.3	0.15	K129U	298.511	26.751	72.729	10.186	0.16514	2.78318	4 X
K03W74M	16.4	0.15	K129U	309.075	188.262	269.615	6.968	0.18569	2.76886	4 X
K03W89S	16.5	0.15	K129U	7.535	45.499	316.032	2.785	0.10670	2.78843	6 X
K03W94G	16.1	0.15	K129U	338.890	35.289	8.242	5.966	0.08701	2.75424	3 X
K03W94O	16.3	0.15	K129U	327.001	121.457	279.979	3.193	0.07319	2.80176	6 X
K03W95W	16.4	0.15	K129U	4.151	148.246	225.552	7.582	0.20330	2.75457	3 X
K03W99R	16.5	0.15	K129U	330.000	96.015	347.312	9.308	0.32267	2.73664	4 X
K03WA8M	17.3	0.15	K129U	286.114	217.597	258.745	12.928	0.27104	2.79853	3 X
K03WA9Q	17.2	0.15	K129U	317.514	45.009	40.984	6.966	0.24294	2.75727	3 X
K03WC2K	16.8	0.15	K129U	274.854	83.471	38.149	8.030	0.18000	2.80470	5 X
K03WE3E	16.4	0.15	K129U	335.908	154.930	247.765	3.038	0.10427	2.79993	5 X
K03X07W	16.2	0.15	K129U	336.618	45.824	1.376	6.345	0.22116	2.79597	5 X
K03Y23L	16.6	0.15	K129U	327.278	110.172	320.778	8.298	0.17551	2.78010	4 X
K03Y40P	13.1	0.15	K129U	303.261	140.002	294.853	25.997	0.03855	5.21158	4 X
K03Y67E	16.8	0.15	K129U	349.034	318.860	76.096	6.472	0.09213	2.78299	4 X
K03YC0Q	16.1	0.15	K129U	310.305	129.697	345.745	7.846	0.23063	2.80280	4 X
K03YC8G	16.6	0.15	K129U	345.065	105.026	332.495	11.623	0.17003	2.77601	5 X
K03YD9Q	16.7	0.15	K129U	326.110	60.043	10.684	8.296	0.30084	2.79240	5 X
K04A08A	17.8	0.15	K129U	308.051	100.398	342.648	4.921	0.21927	2.13608	5 X
K04B09Q	17.2	0.15	K129U	345.405	57.765	339.562	3.309	0.08784	2.16480	6 X
K04B79R	15.5	0.15	K129U	253.542	313.678	169.244	10.934	0.06437	2.99803	7 X
K04BB5M	17.2	0.15	K129U	59.595	328.684	325.877	5.916	0.12034	2.22842	7 X
K04BC9A	19.0	0.15	K129U	274.216	172.947	308.774	1.419	0.11590	2.14759	3 X
K04C20Y	16.3	0.15	K129U	347.349	287.038	125.549	15.717	0.14386	2.86317	5 X
K04C48D	17.2	0.15	K129U	188.388	226.698	349.123	3.679	0.07748	2.18320	5 X
K04C54W	15.7	0.15	K129U	171.591	192.847	356.841	10.250	0.15545	3.13853	4 X
K04C57D	16.2	0.15	K129U	247.985	58.967	98.600	17.456	0.13448	2.92566	6 X
K04D56J	17.4	0.15	K129U	198.572	241.485	303.482	3.853	0.05310	2.20116	6 X
K04D56S	18.1	0.15	K129U	274.725	157.044	318.443	4.629	0.03444	2.18239	7 X
K04D62R	16.3	0.15	K129U	200.552	18.644	156.281	9.981	0.14367	3.06827	5 X

K04E00N	17.3	0.15	K129U	166.397	281.625	297.386	3.955	0.16548	2.22993	5	X
K04E03O	15.5	0.15	K129U	308.928	58.003	48.599	14.432	0.05973	2.93384	4	X
K04E39J	17.0	0.15	K129U	175.451	209.451	355.287	6.190	0.07865	2.23276	7	X
K04E41D	17.1	0.15	K129U	294.878	74.479	10.603	4.335	0.06459	2.21898	7	X
K04E61U	15.5	0.15	K129U	174.418	192.459	356.480	23.554	0.12287	3.17211	5	X
K04E74N	17.0	0.15	K129U	174.774	181.788	19.563	7.700	0.07168	2.25638	7	X
K04EA4D	16.9	0.15	K129U	285.325	303.311	153.812	1.604	0.10415	3.04305	5	X
K04EB3H	15.9	0.15	K129U	64.011	288.553	11.669	9.020	0.05538	3.16816	6	X
K04F56Q	15.8	0.15	K129U	211.281	160.553	19.136	27.551	0.08739	3.11879	5	X
K04F65G	15.8	0.15	K129U	237.894	137.164	20.274	18.409	0.11051	3.08067	5	X
K04FA7T	15.2	0.15	K129U	220.986	135.002	29.914	28.040	0.13017	3.14749	4	X
K04FD6Z	15.3	0.15	K129U	47.634	153.426	162.698	10.933	0.06432	3.18869	4	X
K04FE2U	17.3	0.15	K129U	123.830	155.973	73.242	6.652	0.18658	2.32596	4	X
K04G32F	16.1	0.15	K129U	266.350	283.053	189.315	11.712	0.13366	3.04926	6	X
K04G52H	16.7	0.15	K129U	265.115	295.063	192.325	4.469	0.11252	3.08690	6	X
K04G78F	17.3	0.15	K129U	78.443	59.033	211.322	6.091	0.19370	2.34567	7	X
K04G80C	16.6	0.15	K129U	255.842	99.899	26.881	10.410	0.02405	2.26484	8	X
K04H00H	18.0	0.15	K129U	95.611	303.872	322.325	4.828	0.14551	1.83945	5	X
K04H28F	17.0	0.15	K129U	115.062	154.185	100.400	4.728	0.14781	2.31646	6	X
K04H37Y	15.6	0.15	K129U	292.447	53.849	46.833	10.765	0.09788	3.06502	7	X
K04H39G	16.1	0.15	K129U	235.040	310.497	188.499	10.660	0.14472	3.07829	5	X
K04H46X	17.2	0.15	K129U	199.851	194.720	10.918	8.508	0.09792	2.22887	6	X
K04J31N	17.1	0.15	K129U	186.476	350.710	209.782	4.659	0.12261	2.27303	7	X
K04J49L	17.7	0.15	K129U	50.181	266.344	49.285	7.547	0.10024	2.34189	4	X
K04P20J	16.6	0.15	K129U	28.417	162.557	125.823	12.516	0.16166	2.52398	3	X
K04P23E	17.6	0.15	K129U	19.663	201.388	141.388	3.377	0.19239	2.46690	4	X
K04P56C	16.5	0.15	K129U	59.343	342.924	341.066	11.488	0.25610	2.44491	3	X
K04P91P	16.9	0.15	K129U	18.977	22.141	338.658	5.671	0.15418	2.44026	5	X
K04PA2Q	16.5	0.15	K129U	57.682	11.320	302.910	5.756	0.12856	2.46518	6	X
K04Q21Q	16.6	0.15	K129U	18.565	349.507	350.610	6.949	0.12215	2.48787	6	X
K04R41C	17.3	0.15	K129U	49.165	163.285	138.102	2.634	0.18697	2.49005	6	X
K04R42P	17.2	0.15	K129U	349.374	14.088	328.039	2.826	0.19594	2.57790	3	X
K04R71K	16.8	0.15	K129U	271.568	273.135	201.582	6.520	0.06347	2.45490	6	X
K04RA9P	18.2	0.15	K129U	1.489	203.854	178.352	21.778	0.13147	1.89954	3	X
K04RB8X	17.8	0.15	K129U	25.924	89.021	235.815	1.342	0.19739	2.51837	6	X
K04RF1N	16.5	0.15	K129U	9.493	353.903	28.091	10.756	0.18483	2.47581	5	X
K04RG1D	17.3	0.15	K129U	346.328	42.153	18.224	21.956	0.08535	1.89298	6	X
K04RL2V	16.8	0.15	K129U	355.222	49.158	292.159	11.382	0.30124	2.56202	3	X
K04RL7R	16.4	0.15	K129U	6.906	66.498	296.234	11.855	0.17111	2.52357	3	X
K04RN0H	16.7	0.15	K129U	182.615	352.675	199.646	11.984	0.08185	2.53163	4	X
K04RP2B	17.4	0.15	K129U	0.033	112.239	268.611	5.446	0.18600	2.45795	4	X
K04RW1F	17.0	0.15	K129U	48.594	88.103	209.348	12.678	0.18837	2.52483	5	X
K04S16P	16.1	0.15	K129U	353.885	21.239	33.102	13.084	0.18723	2.45042	5	X
K04S21A	17.8	0.15	K129U	354.909	1.609	17.751	22.634	0.08877	1.91447	3	X
K04S36A	17.1	0.15	K129U	316.169	204.413	247.553	5.021	0.07397	2.41689	4	X
K04T03W	17.5	0.15	K129U	272.339	82.851	22.063	6.741	0.10916	2.54727	5	X
K04T19L	20.7	0.15	K129U	349.502	194.641	209.877	12.632	0.53533	2.51825	3	X
K04T28T	14.8	0.15	K129U	304.200	76.947	19.858	10.001	0.23911	3.99090	5	X
K04T32F	17.8	0.15	K129U	34.765	55.033	284.766	2.451	0.12920	2.51225	6	X
K04T32S	15.7	0.15	K129U	342.576	52.669	9.426	11.831	0.28604	3.97850	3	X
K04T92V	18.5	0.15	K129U	348.181	18.889	15.665	5.729	0.24414	2.52605	4	X
K04TA5Q	17.5	0.15	K129U	295.583	253.917	196.215	5.250	0.17081	2.53286	5	X
K04TB5J	17.4	0.15	K129U	314.530	90.872	341.467	3.021	0.19478	2.55984	3	X
K04TE3D	17.3	0.15	K129U	51.822	62.548	239.545	4.627	0.23596	2.53522	5	X
K04TE7M	17.4	0.15	K129U	22.004	50.430	288.908	2.183	0.16921	2.53202	5	X
K04TF0G	15.4	0.15	K129U	329.117	173.134	251.802	1.772	0.18052	3.98976	7	X
K04TF9G	18.8	0.15	K129U	359.767	349.745	23.739	12.299	0.32556	2.53315	3	X
K04TG2P	16.2	0.15	K129U	120.552	218.259	37.936	15.258	0.05253	2.54862	5	X
K04TG2V	18.0	0.15	K129U	314.144	47.530	39.865	4.728	0.24077	2.53936	5	X
K04TL1X	17.9	0.15	K129U	330.251	34.157	20.845	4.486	0.12122	2.53347	5	X
K04TL7A	17.3	0.15	K129U	302.561	208.479	224.356	2.804	0.10257	2.53390	7	X
K04TM0R	18.0	0.15	K129U	40.502	285.572	33.100	11.903	0.20137	2.53887	5	X
K04TM4E	15.4	0.15	K129U	332.177	118.172	298.525	1.693	0.21564	3.98621	5	X
K04TQ5P	17.4	0.15	K129U	264.745	75.979	30.327	6.787	0.05770	2.57809	5	X
K04TS5G	16.0	0.15	K129U	326.931	33.727	37.108	2.596	0.18237	3.98868	5	X
K04TU9U	16.4	0.15	K129U	306.250	155.832	257.015	8.063	0.10844	2.58505	4	X
K04TV9T	16.5	0.15	K129U	238.474	113.113	30.214	15.797	0.04456	2.53820	4	X
K04TW2D	17.2	0.15	K129U	19.482	340.437	3.904	1.628	0.16481	2.57255	7	X
K04TW6D	16.2	0.15	K129U	49.537	268.911	59.511	3.674	0.02208	2.53402	7	X
K04TY2O	17.5	0.15	K129U	351.016	164.956	218.673	6.584	0.19774	2.55554	3	X
K04Ta1T	17.2	0.15	K129U	356.608	345.914	22.697	10.052	0.17156	2.56080	3	X
K04Ta7H	16.3	0.15	K129U	282.398	158.312	298.061	13.399	0.20917	2.58429	3	X
K04U00G	15.1	0.15	K129U	263.409	121.734	33.436	31.549	0.39760	2.67157	4	X
K04U09K	16.6	0.15	K129U	302.519	36.317	43.607	9.758	0.09888	2.57490	4	X
K04V17W	17.5	0.15	K129U	20.253	250.140	90.469	3.031	0.20383	2.55283	6	X
K04V21K	17.0	0.15	K129U	325.698	290.917	141.851	1.854	0.21244	2.54508	4	X
K04V24H	16.3	0.15	K129U	328.598	209.131	207.568	3.806	0.23791	2.57218	7	X

K04V27Y	16.8	0.15	K129U	349.003	122.984	249.222	10.195	0.19822	2.59574	3	X
K04V53H	16.4	0.15	K129U	351.206	130.612	249.023	3.402	0.20962	2.57987	6	X
K04V54B	15.8	0.15	K129U	17.111	1.552	15.529	20.520	0.27519	2.53069	5	X
K04V70C	16.5	0.15	K129U	72.943	270.614	36.738	7.134	0.23259	2.53968	5	X
K04V79A	15.3	0.15	K129U	342.916	24.068	50.853	6.707	0.26782	3.98278	3	X
K04V91D	16.4	0.15	K129U	20.432	97.757	257.161	10.469	0.17367	2.53865	6	X
K04V99X	17.7	0.15	K129U	56.124	245.974	50.462	2.449	0.12041	2.58346	4	X
K04W06H	16.9	0.15	K129U	354.480	60.292	331.241	3.952	0.23451	2.53742	5	X
K04W09X	16.5	0.15	K129U	300.058	270.122	175.958	13.169	0.14626	2.58824	4	X
K04X00Q	15.7	0.15	K129U	351.006	99.272	286.025	12.240	0.19996	2.57641	3	X
K04X07D	17.0	0.15	K129U	314.741	193.850	246.922	3.291	0.24755	2.58179	5	X
K04X21F	17.5	0.15	K129U	337.457	344.706	78.325	14.263	0.24201	2.54849	3	X
K04X24C	17.6	0.15	K129U	327.064	345.156	87.677	6.866	0.24442	2.54981	4	X
K04X41E	17.3	0.15	K129U	15.163	85.477	270.323	1.086	0.19188	2.57951	3	X
K04X42T	15.9	0.15	K129U	69.391	84.345	251.975	9.613	0.01688	2.55744	7	X
K04X44N	18.5	0.15	K129U	55.671	83.020	178.826	2.765	0.57904	2.42405	4	X
K04X59B	17.2	0.15	K129U	308.620	69.736	19.332	4.160	0.20415	2.61724	5	X
K04X66W	17.5	0.15	K129U	290.391	11.391	79.806	3.943	0.09798	2.63689	4	X
K04X77Z	16.3	0.15	K129U	8.115	72.064	298.538	2.475	0.09346	2.59822	6	X
K04X85N	16.9	0.15	K129U	318.424	160.193	265.142	3.295	0.18474	2.63621	3	X
K04X91P	17.1	0.15	K129U	297.965	126.650	320.806	0.746	0.15481	2.62033	5	X
K04X92C	17.3	0.15	K129U	333.056	9.669	58.791	7.513	0.31705	2.54659	3	X
K04X95Z	16.8	0.15	K129U	298.264	175.638	298.331	4.709	0.25095	2.60040	5	X
K04XA1U	16.1	0.15	K129U	350.408	52.791	346.929	4.491	0.31426	2.57685	5	X
K04XA5U	17.0	0.15	K129U	320.711	16.430	56.499	8.174	0.18953	2.57230	4	X
K04XA8P	16.6	0.15	K129U	343.001	51.635	18.234	5.678	0.15290	2.55313	6	X
K04XB1F	17.2	0.15	K129U	314.488	104.451	332.758	3.286	0.23328	2.57849	5	X
K04XC7G	16.1	0.15	K129U	29.261	266.835	77.261	27.875	0.26426	2.54845	7	X
K04XE6C	16.4	0.15	K129U	256.941	70.234	73.703	18.155	0.12240	2.57606	5	X
K04Y05E	17.0	0.15	K129U	283.012	193.438	293.534	3.301	0.21131	2.63546	4	X
K04Y06G	17.1	0.15	K129U	319.654	165.177	281.958	3.996	0.28244	2.58961	3	X
K05A04L	17.8	0.15	K129U	343.493	45.640	15.380	4.691	0.24780	2.56939	3	X
K05A06U	16.2	0.15	K129U	327.213	8.787	60.045	5.081	0.27133	2.62033	5	X
K05A33O	16.7	0.15	K129U	345.757	255.812	157.645	3.879	0.23002	2.58387	5	X
K05A37F	16.4	0.15	K129U	352.685	118.688	280.311	6.995	0.24655	2.60943	4	X
K05A40B	16.4	0.15	K129U	325.121	44.092	20.022	11.764	0.16987	2.63139	4	X
K05A44F	17.2	0.15	K129U	334.932	92.220	333.253	4.169	0.24404	2.61088	6	X
K05A56E	15.8	0.15	K129U	352.454	294.887	108.589	15.931	0.15678	2.59161	5	X
K05A64O	17.2	0.15	K129U	317.528	297.040	129.846	3.237	0.21171	2.65015	5	X
K05A68Y	16.1	0.15	K129U	252.732	24.029	124.840	15.680	0.07797	2.71095	4	X
K05A79C	17.3	0.15	K129U	292.168	97.041	12.867	3.027	0.23259	2.65704	6	X
K05B01B	18.2	0.15	K129U	273.218	359.265	120.606	24.667	0.07692	1.97702	4	X
K05B01Z	16.6	0.15	K129U	1.375	89.937	308.740	4.255	0.30602	2.60078	4	X
K05B28N	16.7	0.15	K129U	295.499	182.582	259.805	3.921	0.09931	2.72839	5	X
K05C03S	16.6	0.15	K129U	309.588	61.349	18.036	5.035	0.09742	2.72622	7	X
K05C10S	15.9	0.15	K129U	274.837	3.077	136.124	16.064	0.14500	2.67845	6	X
K05C14L	16.7	0.15	K129U	137.687	119.187	122.957	5.265	0.02078	2.76185	6	X
K05C24G	16.5	0.15	K129U	315.420	310.498	139.762	7.438	0.30207	2.63270	6	X
K05C24N	16.3	0.15	K129U	326.852	334.219	110.058	13.239	0.24317	2.61062	4	X
K05C29N	17.4	0.15	K129U	317.431	76.429	349.765	5.814	0.03163	2.75179	5	X
K05C63B	16.5	0.15	K129U	275.379	192.797	279.546	8.314	0.22750	2.71145	4	X
K05C65F	16.6	0.15	K129U	335.836	301.455	117.589	6.404	0.26571	2.64614	3	X
K05C70J	17.1	0.15	K129U	23.450	33.858	317.157	4.736	0.05937	2.74054	5	X
K05E31Q	17.1	0.15	K129U	315.522	100.923	4.117	6.346	0.22863	2.62859	5	X
K05E37M	16.1	0.15	K129U	319.042	87.026	337.409	6.087	0.04992	2.76515	5	X
K05E43K	16.6	0.15	K129U	332.247	98.334	356.316	3.623	0.27288	2.60431	4	X
K05E81Z	16.3	0.15	K129U	306.529	94.099	337.986	8.073	0.10271	2.78857	5	X
K05E82Q	16.3	0.15	K129U	296.387	279.258	183.133	12.292	0.14700	2.73799	5	X
K05E83V	15.9	0.15	K129U	252.224	189.568	311.516	10.341	0.05809	2.77143	5	X
K05E92F	16.1	0.15	K129U	242.016	154.314	5.176	10.820	0.14827	2.77717	5	X
K05E94W	16.4	0.15	K129U	308.128	320.978	144.809	13.984	0.14011	2.68382	5	X
K05ED0C	16.8	0.15	K129U	265.194	252.407	222.696	3.279	0.15612	2.79126	5	X
K05ED0K	17.4	0.15	K129U	257.846	183.919	304.895	4.361	0.07004	2.73080	4	X
K05ED3A	16.3	0.15	K129U	274.954	108.064	21.671	12.913	0.22901	2.69143	5	X
K05EE5U	16.4	0.15	K129U	65.956	263.440	18.339	6.660	0.14699	3.04897	5	X
K05EF8T	16.8	0.15	K129U	325.114	250.529	163.858	2.262	0.05188	2.84637	5	X
K05EH9N	16.5	0.15	K129U	313.570	185.663	229.548	1.144	0.06238	2.86606	6	X
K05EI9R	16.1	0.15	K129U	317.790	266.887	159.984	7.731	0.10925	2.79901	7	X
K05EJ3D	16.8	0.15	K129U	327.305	87.743	337.630	3.311	0.09181	2.77138	4	X
K05EJ8C	15.9	0.15	K129U	61.061	311.829	3.935	11.840	0.04323	2.93453	5	X
K05EN1L	16.7	0.15	K129U	353.706	235.840	149.359	5.700	0.04521	2.80814	5	X
K05EP8G	15.9	0.15	K129U	52.374	108.115	191.462	16.530	0.14810	3.05521	4	X
K05ES3B	16.1	0.15	K129U	281.382	352.893	103.548	3.264	0.02691	2.86128	7	X
K05ET5A	15.8	0.15	K129U	255.241	22.816	98.128	3.257	0.01455	2.86160	5	X
K05F03B	15.5	0.15	K129U	108.001	57.070	180.402	27.119	0.25811	3.13015	5	X
K05G02Q	15.6	0.15	K129U	106.750	225.445	30.094	13.575	0.18613	3.05107	5	X
K05G13G	15.7	0.15	K129U	67.349	143.701	162.225	10.983	0.06905	2.99028	7	X

K05G15C	17.3	0.15	K129U	222.339	155.232	7.791	8.584	0.04911	2.84493	3	X
K05G49A	16.1	0.15	K129U	95.551	69.869	196.979	9.981	0.08705	3.03731	5	X
K05G97O	16.3	0.15	K129U	124.256	87.060	155.863	6.613	0.06876	3.02303	7	X
K05GA0R	16.3	0.15	K129U	18.808	333.876	20.850	10.317	0.10774	2.96712	6	X
K05GB3Z	15.7	0.15	K129U	70.817	226.753	52.767	28.464	0.28600	3.19869	4	X
K05GF7U	16.3	0.15	K129U	57.913	92.234	208.669	7.173	0.19267	3.12860	4	X
K05GF8Z	16.1	0.15	K129U	94.797	346.709	270.264	4.234	0.11215	3.09110	6	X
K05GG9G	16.5	0.15	K129U	130.085	196.777	30.755	9.085	0.06509	3.04658	3	X
K05GH2T	15.9	0.15	K129U	59.211	215.079	85.115	3.435	0.14502	3.08716	4	X
K05GL6A	16.2	0.15	K129U	77.493	99.014	179.857	10.716	0.16614	3.05281	5	X
K05H01T	15.5	0.15	K129U	73.222	241.660	36.400	24.374	0.22620	3.17622	4	X
K05J01U	21.6	0.15	K129U	10.607	266.597	35.602	6.075	0.68307	2.34023	2	X
K05J26U	16.3	0.15	K129U	92.865	102.687	165.591	4.993	0.10401	3.12058	6	X
K05J34O	16.0	0.15	K129U	231.530	275.713	208.880	15.945	0.12052	3.09634	4	X
K05J46N	16.2	0.15	K129U	16.341	147.587	215.797	10.624	0.09760	3.01574	5	X
K05J73E	16.0	0.15	K129U	10.934	137.542	214.442	9.610	0.09786	3.11365	5	X
K05J94V	16.5	0.15	K129U	53.684	256.804	57.888	4.702	0.06563	3.08381	5	X
K05JA5O	16.3	0.15	K129U	139.703	54.603	169.809	3.081	0.10864	3.06322	8	X
K05JB2M	15.5	0.15	K129U	131.551	168.058	81.157	21.605	0.15031	3.04690	5	X
K05JD8W	15.7	0.15	K129U	62.470	87.303	234.379	14.758	0.23219	3.12206	5	X
K05JE3W	18.5	0.15	K129U	70.888	160.538	119.139	3.172	0.12222	2.18314	5	X
K05JE9R	18.4	0.15	K129U	42.647	260.562	53.433	4.273	0.19592	2.17733	5	X
K05L13F	16.0	0.15	K129U	50.839	108.566	205.511	8.920	0.09266	3.14667	7	X
K05L14Z	15.9	0.15	K129U	17.781	135.678	207.576	11.857	0.22407	3.21932	4	X
K05L21J	16.4	0.15	K129U	261.876	287.390	240.314	13.624	0.24010	2.76951	5	X
K05L32C	17.8	0.15	K129U	64.303	51.977	274.167	6.759	0.08431	2.17153	6	X
K05M13C	18.0	0.15	K129U	51.218	179.421	111.791	5.146	0.25286	2.26030	5	X
K05M19K	16.0	0.15	K129U	143.070	72.901	157.730	11.822	0.14556	3.07318	6	X
K05M35O	17.5	0.15	K129U	303.033	313.949	121.030	4.160	0.08797	2.21492	6	X
K05M50U	17.5	0.15	K129U	186.017	246.163	313.111	3.374	0.07021	2.18137	5	X
K05N15A	17.6	0.15	K129U	27.828	26.921	314.193	3.186	0.19426	2.24437	5	X
K05N29A	18.0	0.15	K129U	37.494	100.575	219.083	1.904	0.15492	2.25325	4	X
K05N97V	18.1	0.15	K129U	96.908	132.922	126.714	5.184	0.11167	2.21936	5	X
K05O06P	17.4	0.15	K129U	5.013	287.510	68.212	2.674	0.25654	2.29145	5	X
K05O06Y	17.3	0.15	K129U	352.798	28.221	347.712	7.269	0.13861	2.27577	4	X
K05O09G	17.7	0.15	K129U	48.479	354.870	320.413	3.411	0.16652	2.23416	4	X
K05O27U	18.0	0.15	K129U	48.842	246.648	59.444	2.116	0.24954	2.25970	4	X
K05Q07G	17.6	0.15	K129U	352.963	62.241	343.530	4.961	0.15912	2.24129	5	X
K05Q25A	18.0	0.15	K129U	332.503	358.245	57.665	2.590	0.16543	2.28281	3	X
K05Q28R	18.0	0.15	K129U	41.063	89.574	220.201	1.781	0.24800	2.27768	4	X
K05Q36E	16.6	0.15	K129U	54.401	314.201	354.040	6.726	0.19808	2.26632	4	X
K05Q37T	17.8	0.15	K129U	11.426	183.993	174.558	5.815	0.20167	2.28815	4	X
K05Q42B	17.4	0.15	K129U	3.917	71.645	286.794	2.263	0.17413	2.29482	4	X
K05Q45C	17.3	0.15	K129U	336.762	42.565	2.214	6.659	0.10444	2.26453	2	X
K05Q48K	17.7	0.15	K129U	333.829	9.457	45.675	2.984	0.18088	2.27159	6	X
K05Q51G	17.2	0.15	K129U	22.746	258.799	80.588	5.687	0.25804	2.28704	6	X
K05Q61B	19.0	0.15	K129U	6.625	178.866	179.498	9.755	0.22835	2.28499	2	X
K05Q72C	17.9	0.15	K129U	13.167	80.195	278.836	1.479	0.23333	2.27580	5	X
K05Q82N	17.9	0.15	K129U	108.004	315.303	297.551	3.984	0.18455	2.24523	4	X
K05Q85R	16.8	0.15	K129U	9.179	18.906	335.929	4.136	0.16306	2.32851	5	X
K05Q98T	16.7	0.15	K129U	35.544	320.260	7.509	6.621	0.13273	2.26589	5	X
K05Q11V	18.4	0.15	K129U	49.831	335.360	334.591	4.847	0.18102	2.26530	3	X
K05QD3R	17.7	0.15	K129U	133.726	230.183	356.190	6.336	0.04232	2.29475	5	X
K05QF0Y	17.4	0.15	K129U	105.631	94.156	170.160	6.978	0.09610	2.27276	6	X
K05QH2K	17.1	0.15	K129U	1.730	141.885	226.102	3.853	0.15671	2.30079	6	X
K05QH2L	17.3	0.15	K129U	316.070	115.896	314.589	4.382	0.06736	2.27845	5	X
K05QH7S	17.8	0.15	K129U	41.202	303.556	13.340	4.308	0.13579	2.28679	6	X
K05QH9T	17.6	0.15	K129U	44.455	216.324	89.847	3.765	0.19145	2.28967	6	X
K05QI1Q	17.4	0.15	K129U	359.503	17.581	1.960	7.023	0.11229	2.30930	4	X
K05QI2Q	18.0	0.15	K129U	285.918	275.016	180.745	2.166	0.09209	2.28408	5	X
K05R06M	17.4	0.15	K129U	23.783	11.445	353.490	2.925	0.16686	2.26835	4	X
K05R25Z	16.7	0.15	K129U	24.407	112.709	217.811	6.364	0.13990	2.31621	4	X
K05R29S	18.1	0.15	K129U	0.307	176.871	192.998	22.761	0.12040	1.75259	4	X
K05S05L	17.8	0.15	K129U	7.049	171.215	190.399	2.702	0.16408	2.30063	6	X
K05S08O	17.7	0.15	K129U	7.074	163.432	195.714	5.116	0.18651	2.31474	4	X
K05S14S	17.5	0.15	K129U	36.820	307.170	38.432	7.016	0.20242	2.24739	4	X
K05S29F	17.8	0.15	K129U	337.368	128.229	270.265	2.102	0.16766	2.31365	3	X
K05S33K	17.1	0.15	K129U	8.764	184.979	174.695	7.091	0.13763	2.31851	4	X
K05S41S	17.9	0.15	K129U	115.719	25.443	226.364	6.448	0.15140	2.29152	5	X
K05S46E	17.4	0.15	K129U	330.704	36.585	8.742	6.503	0.10580	2.31894	4	X
K05S47S	17.3	0.15	K129U	30.133	117.033	208.576	6.398	0.12744	2.32368	6	X
K05S50Z	17.4	0.15	K129U	308.170	231.770	200.553	7.999	0.11669	2.32413	4	X
K05S51Z	17.4	0.15	K129U	49.041	268.876	27.310	5.066	0.24232	2.33124	5	X
K05S52R	17.2	0.15	K129U	5.238	349.355	22.111	6.961	0.11528	2.29144	2	X
K05S56F	17.1	0.15	K129U	333.591	352.384	59.353	3.102	0.19930	2.31380	5	X
K05S56J	18.1	0.15	K129U	47.396	124.460	175.123	5.782	0.24087	2.31779	4	X
K05S57A	17.8	0.15	K129U	336.039	128.821	277.234	1.592	0.19832	2.30031	4	X

K05S59X	18.5	0.15	K129U	326.036	230.281	193.112	0.781	0.18533	2.30719	3 X
K05S60A	16.9	0.15	K129U	72.034	252.542	21.301	7.810	0.21338	2.32086	4 X
K05S62H	17.6	0.15	K129U	21.469	321.554	15.992	2.953	0.24423	2.30700	4 X
K05S73Q	17.5	0.15	K129U	357.247	323.412	57.491	3.412	0.23071	2.30875	6 X
K05S78J	17.7	0.15	K129U	203.689	158.382	25.644	4.880	0.06819	2.26468	6 X
K05S82B	18.6	0.15	K129U	357.368	207.375	167.320	3.240	0.15257	2.29828	4 X
K05S88F	17.9	0.15	K129U	322.007	65.924	3.081	10.965	0.08040	2.29061	3 X
K05S93U	17.9	0.15	K129U	15.571	338.873	19.369	4.701	0.15178	2.30979	3 X
K05S97U	17.8	0.15	K129U	40.235	186.825	133.791	3.567	0.18550	2.29409	6 X
K05S98O	17.5	0.15	K129U	317.874	190.924	243.471	6.012	0.14244	2.29887	3 X
K05S98Q	17.3	0.15	K129U	279.160	209.004	257.401	5.126	0.11962	2.31593	3 X
K05SB4S	16.6	0.15	K129U	23.325	333.799	2.389	6.334	0.15815	2.31274	4 X
K05SB5G	18.6	0.15	K129U	30.317	323.325	8.322	7.279	0.20835	2.29813	3 X
K05SB5Y	17.1	0.15	K129U	339.549	62.870	9.588	4.615	0.08934	2.24425	4 X
K05SC1H	17.4	0.15	K129U	39.422	10.123	316.222	2.218	0.18944	2.28544	6 X
K05SC9P	16.8	0.15	K129U	274.715	113.666	26.022	6.702	0.05282	2.24781	5 X
K05SF2H	17.1	0.15	K129U	50.555	289.489	45.754	7.800	0.19849	2.26617	6 X
K05SG1X	18.6	0.15	K129U	27.302	123.107	203.620	4.449	0.23246	2.30861	3 X
K05SG8X	16.9	0.15	K129U	99.495	293.231	342.644	7.813	0.01209	2.29030	4 X
K05SH4X	18.8	0.15	K129U	25.658	99.958	235.685	4.349	0.26583	2.29392	2 X
K05SH8P	17.5	0.15	K129U	22.483	347.729	20.627	7.502	0.14170	2.25980	4 X
K05SH9F	18.1	0.15	K129U	345.012	48.760	348.903	2.493	0.18646	2.29394	5 X
K05SI4E	17.7	0.15	K129U	349.764	103.762	282.529	1.112	0.18296	2.31041	6 X
K05SJ0B	17.2	0.15	K129U	357.298	329.051	47.352	5.419	0.15165	2.31111	6 X
K05SJ3P	17.7	0.15	K129U	347.305	133.527	266.757	0.766	0.16143	2.30607	5 X
K05SK0T	18.1	0.15	K129U	93.062	235.852	36.268	2.110	0.14533	2.28357	4 X
K05SK5R	17.3	0.15	K129U	48.110	58.249	277.041	4.596	0.16557	2.24899	4 X
K05SK7O	17.4	0.15	K129U	62.433	81.118	237.103	5.754	0.15240	2.26779	2 X
K05SK7Q	17.4	0.15	K129U	307.024	169.573	267.754	3.970	0.19061	2.32594	5 X
K05SL5F	17.3	0.15	K129U	33.764	30.692	304.315	4.151	0.10564	2.31166	2 X
K05SL5J	17.2	0.15	K129U	9.267	80.535	290.885	3.875	0.18206	2.29623	4 X
K05SN1W	17.8	0.15	K129U	15.439	145.957	203.600	2.037	0.22440	2.32007	5 X
K05SN5E	17.4	0.15	K129U	351.318	30.971	23.534	7.281	0.08693	2.26526	3 X
K05SO1V	17.8	0.15	K129U	192.175	312.047	237.040	5.524	0.03644	2.29754	4 X
K05SO9S	17.7	0.15	K129U	342.412	327.136	72.396	3.021	0.23111	2.28532	3 X
K05SP0B	18.1	0.15	K129U	45.717	262.673	37.692	3.344	0.24268	2.29125	2 X
K05SP2A	17.3	0.15	K129U	37.098	287.167	25.707	9.142	0.17456	2.29582	3 X
K05SP9S	17.3	0.15	K129U	67.925	3.622	291.783	4.726	0.16633	2.28004	5 X
K05SQ6N	17.4	0.15	K129U	350.178	244.815	139.614	3.603	0.16431	2.28976	5 X
K05SR2H	17.9	0.15	K129U	9.235	300.256	55.251	4.787	0.25101	2.29698	3 X
K05SR3C	18.2	0.15	K129U	23.634	250.833	94.255	5.936	0.17984	2.30283	4 X
K05SS1K	18.0	0.15	K129U	21.575	318.311	37.506	2.899	0.19577	2.33021	2 X
K05SS2Q	15.6	0.15	K129U	280.617	279.826	181.757	9.993	0.04909	3.56098	7 X
K05SS9O	17.2	0.15	K129U	287.065	189.143	282.297	1.616	0.12596	2.28292	4 X
K05T01K	17.7	0.15	K129U	28.685	290.763	40.685	7.169	0.18595	2.29579	4 X
K05T01R	17.5	0.15	K129U	2.507	154.575	221.360	7.555	0.20702	2.28523	4 X
K05T02L	18.1	0.15	K129U	5.768	5.293	353.810	2.811	0.20828	2.30439	3 X
K05T10A	18.3	0.15	K129U	21.320	49.030	291.315	5.210	0.26623	2.29797	2 W
K05T13N	16.5	0.15	K129U	19.879	330.339	9.959	11.525	0.26147	2.33393	4 X
K05T18G	17.7	0.15	K129U	32.639	255.703	64.479	3.042	0.22370	2.31286	3 X
K05T18O	17.7	0.15	K129U	347.978	349.054	43.890	6.040	0.16464	2.29783	4 X
K05T23K	17.0	0.15	K129U	328.786	20.211	51.458	4.786	0.29211	2.32636	4 X
K05T26U	17.1	0.15	K129U	309.222	61.659	40.575	6.456	0.08032	2.27867	4 X
K05T32L	18.3	0.15	K129U	6.842	238.817	119.946	3.033	0.18277	2.30634	4 X
K05T37M	17.7	0.15	K129U	106.429	248.939	2.922	9.742	0.06503	2.31031	3 X
K05T55W	17.9	0.15	K129U	47.403	69.196	225.457	4.636	0.24735	2.30079	4 X
K05T59H	18.0	0.15	K129U	52.110	235.124	63.575	2.242	0.19423	2.33212	3 X
K05T64A	16.0	0.15	K129U	197.343	168.089	22.156	23.609	0.11602	2.29744	3 X
K05T65X	18.0	0.15	K129U	308.606	195.491	242.985	5.351	0.19508	2.32386	5 X
K05T70H	18.0	0.15	K129U	31.398	309.458	20.294	1.429	0.12873	2.32585	4 X
K05T82A	18.1	0.15	K129U	332.645	77.915	354.592	5.486	0.14093	2.26746	5 X
K05T98G	18.1	0.15	K129U	285.518	322.613	134.246	1.636	0.14633	2.33167	6 X
K05TA1J	17.6	0.15	K129U	327.981	241.705	174.199	4.784	0.14301	2.31406	6 X
K05TA4B	16.8	0.15	K129U	37.892	31.993	300.144	4.570	0.18364	2.30041	3 X
K05TA7E	17.2	0.15	K129U	61.725	249.641	38.352	5.267	0.22271	2.32437	7 X
K05TB2U	18.2	0.15	K129U	313.602	106.005	332.107	1.837	0.12925	2.29316	4 X
K05TC1L	17.3	0.15	K129U	7.098	316.175	3.213	7.112	0.12871	2.38129	5 X
K05TC5D	18.1	0.15	K129U	334.030	69.318	345.028	1.379	0.19513	2.30970	3 X
K05TD2D	17.7	0.15	K129U	41.917	275.506	41.715	5.925	0.18205	2.31809	4 X
K05TD7R	17.6	0.15	K129U	95.696	188.341	67.037	5.055	0.20872	2.34029	7 X
K05TF7W	18.1	0.15	K129U	67.911	285.999	359.889	3.227	0.19396	2.30825	4 X
K05TG9C	17.4	0.15	K129U	228.789	265.895	256.247	1.964	0.14238	2.31867	4 X
K05TH2Z	17.3	0.15	K129U	342.196	84.921	312.075	2.324	0.22000	2.33112	6 X
K05U07W	17.7	0.15	K129U	355.578	161.975	221.417	6.331	0.13247	2.31953	5 X
K05U13C	17.7	0.15	K129U	51.852	39.280	255.248	1.436	0.22416	2.32721	5 X
K05U19Q	17.3	0.15	K129U	353.226	140.361	247.160	5.475	0.11645	2.34193	5 X
K05U21B	18.4	0.15	K129U	329.078	132.672	278.443	1.866	0.19864	2.33307	3 X

K05U21R	17.3	0.15	K129U	59.267	309.661	23.950	7.868	0.14940	2.26593	5	X
K05U22Z	17.1	0.15	K129U	132.914	236.155	24.053	7.707	0.07673	2.28490	3	X
K05U29D	17.1	0.15	K129U	1.674	141.060	236.394	4.748	0.22181	2.32298	3	X
K05U31D	17.2	0.15	K129U	250.112	283.915	214.930	6.423	0.05330	2.32439	4	X
K05U33G	17.8	0.15	K129U	21.418	129.870	212.611	5.540	0.12935	2.34146	4	X
K05U34F	17.6	0.15	K129U	208.176	122.522	51.663	4.812	0.08484	2.36067	5	X
K05U36X	17.7	0.15	K129U	105.456	33.195	226.215	3.028	0.12170	2.35620	5	X
K05U45R	16.6	0.15	K129U	279.040	72.490	38.666	10.284	0.15120	2.33033	5	X
K05U45Z	17.9	0.15	K129U	324.510	67.726	3.209	2.952	0.16733	2.30805	5	X
K05U46F	18.2	0.15	K129U	308.961	20.845	59.535	3.246	0.19106	2.34674	4	X
K05U52C	16.6	0.15	K129U	7.931	97.550	265.920	5.883	0.13998	2.32800	4	X
K05U53C	17.9	0.15	K129U	341.864	303.124	101.990	3.249	0.20288	2.31530	4	X
K05U57G	17.8	0.15	K129U	332.647	344.328	66.428	5.702	0.21813	2.32747	3	X
K05U70Y	17.2	0.15	K129U	346.883	137.675	260.665	5.774	0.10205	2.30655	4	X
K05U78R	17.2	0.15	K129U	9.586	358.038	21.149	6.289	0.17789	2.30464	3	X
K05U84M	18.3	0.15	K129U	30.411	265.722	53.648	2.120	0.19803	2.34444	4	X
K05U88O	18.4	0.15	K129U	358.844	333.003	40.148	6.374	0.24917	2.31870	3	X
K05UA4L	18.6	0.15	K129U	9.522	139.724	204.956	4.312	0.24388	2.35623	3	X
K05UB0X	17.4	0.15	K129U	254.620	101.357	39.713	5.254	0.16957	2.37252	4	X
K05UE4J	17.2	0.15	K129U	122.749	255.285	16.134	6.833	0.09641	2.28572	4	X
K05UF40	17.8	0.15	K129U	55.518	255.498	49.022	6.591	0.09536	2.37798	3	X
K05UG0H	17.8	0.15	K129U	340.390	277.298	123.853	3.653	0.20995	2.31726	3	X
K05UG0J	17.3	0.15	K129U	53.007	138.111	174.168	6.738	0.19767	2.29908	3	X
K05UG6L	18.4	0.15	K129U	342.232	176.903	221.147	1.943	0.18576	2.32412	3	X
K05UH6D	17.8	0.15	K129U	328.363	149.500	276.809	1.640	0.19250	2.32964	3	X
K05UH7O	18.2	0.15	K129U	4.714	123.479	272.766	1.631	0.20133	2.29224	6	X
K05UI4A	17.8	0.15	K129U	298.754	46.663	48.816	4.363	0.19206	2.34367	5	X
K05UL4R	17.5	0.15	K129U	3.811	205.862	167.175	6.785	0.12553	2.30820	4	X
K05UL4U	17.8	0.15	K129U	339.611	249.934	154.811	5.245	0.19839	2.31122	5	X
K05UL8M	17.8	0.15	K129U	48.726	311.980	346.758	4.571	0.19823	2.34917	4	X
K05UM6G	17.5	0.15	K129U	4.653	350.108	47.902	5.507	0.13841	2.28523	4	X
K05UO6B	17.6	0.15	K129U	359.662	236.254	132.934	2.954	0.19319	2.33733	3	X
K05UP1E	17.2	0.15	K129U	4.540	353.764	18.188	3.274	0.19324	2.31847	5	X
K05UR5Q	17.0	0.15	K129U	40.795	30.728	291.915	5.252	0.15952	2.33346	7	X
K05UR8T	17.9	0.15	K129U	31.481	103.069	208.295	4.047	0.26730	2.35091	5	X
K05US2T	18.0	0.15	K129U	296.817	35.558	61.070	4.462	0.16647	2.32623	5	X
K05UT2W	17.5	0.15	K129U	310.150	69.349	15.327	4.550	0.15270	2.33061	6	X
K05UT3T	17.8	0.15	K129U	52.694	359.948	290.816	2.079	0.20277	2.37887	4	X
K05UT9H	17.7	0.15	K129U	291.871	41.023	58.982	3.171	0.17866	2.35293	5	X
K05UV2H	17.7	0.15	K129U	28.848	182.591	158.519	2.004	0.14401	2.31564	6	X
K05UX7O	18.8	0.15	K129U	3.669	337.452	40.841	4.374	0.25754	2.30258	2	X
K05UY4F	17.5	0.15	K129U	34.598	329.976	338.960	3.078	0.29378	2.33709	4	X
K05UY8O	16.8	0.15	K129U	45.814	28.020	302.563	4.877	0.15545	2.29195	3	X
K05UZ0G	17.5	0.15	K129U	37.527	343.510	337.057	4.141	0.23616	2.30810	3	X
K05UZ2P	17.1	0.15	K129U	309.489	172.017	266.296	6.190	0.05941	2.31705	4	X
K05Ub6P	17.0	0.15	K129U	41.068	48.304	286.438	2.618	0.23011	2.29750	4	X
K05Uf1W	17.9	0.15	K129U	267.896	16.948	92.522	4.056	0.04790	2.38091	6	X
K05Uf7P	18.2	0.15	K129U	7.510	163.073	190.797	5.355	0.16271	2.34619	3	X
K05Uf8V	17.4	0.15	K129U	213.069	331.010	196.334	6.492	0.05637	2.34273	5	X
K05Ug0X	17.9	0.15	K129U	18.121	144.741	222.527	4.761	0.17633	2.31744	4	X
K05Uh4G	18.0	0.15	K129U	348.930	201.262	191.972	3.575	0.14792	2.32010	7	X
K05Ui0Z	17.4	0.15	K129U	9.814	0.810	2.151	7.416	0.13846	2.32952	5	X
K05Ui7Y	17.7	0.15	K129U	334.251	146.840	277.889	4.749	0.13055	2.28954	4	X
K05Uj4Q	17.4	0.15	K129U	331.722	289.040	126.632	5.319	0.19690	2.32826	5	X
K05Uj5E	17.0	0.15	K129U	8.734	148.411	245.812	5.967	0.13515	2.30053	6	X
K05Uj7S	18.1	0.15	K129U	319.797	164.031	251.669	3.632	0.13258	2.34627	3	X
K05Uj9N	17.3	0.15	K129U	348.182	158.601	239.851	6.232	0.11551	2.34081	5	X
K05Uk1D	17.9	0.15	K129U	286.929	191.719	268.212	1.698	0.15409	2.37784	3	X
K05Ul3C	17.9	0.15	K129U	328.928	50.482	10.668	2.650	0.18457	2.34368	3	X
K05Uo8O	17.4	0.15	K129U	318.861	66.658	319.952	1.392	0.21590	2.46838	5	X
K05Up0Y	17.5	0.15	K129U	294.789	228.605	227.982	5.904	0.07973	2.34263	2	X
K05Up6Z	18.2	0.15	K129U	353.909	207.337	169.188	6.338	0.11927	2.31358	3	X
K05V03H	17.7	0.15	K129U	338.536	173.619	232.886	7.520	0.17660	2.31497	3	X
K05V05T	19.1	0.15	K129U	228.350	319.397	221.870	19.540	0.26109	1.45002	4	X
K05V15K	17.3	0.15	K129U	349.745	97.446	294.963	0.995	0.21809	2.32861	4	X
K05V16Q	16.9	0.15	K129U	314.153	149.223	262.200	9.587	0.11814	2.34752	4	X
K05V20K	17.6	0.15	K129U	58.432	151.738	138.237	2.609	0.20570	2.35631	6	X
K05V24B	17.5	0.15	K129U	61.941	77.313	233.247	6.086	0.12184	2.33290	5	X
K05V31A	18.0	0.15	K129U	15.708	117.160	227.479	4.037	0.10866	2.38643	2	X
K05V32X	17.4	0.15	K129U	1.393	171.746	203.646	1.213	0.21140	2.34077	3	X
K05V51H	17.9	0.15	K129U	332.550	241.043	172.865	5.622	0.23092	2.32342	4	X
K05V51V	18.0	0.15	K129U	6.092	74.796	276.705	1.271	0.19825	2.34751	6	X
K05V96E	17.9	0.15	K129U	345.563	42.193	344.632	2.127	0.20051	2.34009	3	X
K05V99G	16.5	0.15	K129U	0.301	322.634	65.131	25.084	0.29014	2.35134	5	X
K05VA2T	17.7	0.15	K129U	12.703	282.969	67.518	6.155	0.19036	2.30452	3	X
K05VA3S	18.1	0.15	K129U	343.086	201.219	203.301	4.961	0.20875	2.33299	3	X
K05VB1E	18.4	0.15	K129U	20.422	136.617	194.933	1.847	0.23070	2.35045	3	X

K05VB2V	17.5	0.15	K129U	345.459	347.626	39.205	2.921	0.19739	2.36129	3 X
K05W16P	17.4	0.15	K129U	35.938	106.797	245.635	6.635	0.12586	2.32991	5 X
K05W25A	17.4	0.15	K129U	349.062	38.455	353.395	2.046	0.20935	2.34466	4 X
K05W27K	17.6	0.15	K129U	256.127	160.534	332.884	0.885	0.13798	2.38819	7 X
K05W29S	17.8	0.15	K129U	303.478	81.336	6.152	1.603	0.15264	2.36547	3 X
K05W35R	17.7	0.15	K129U	351.974	125.655	255.119	1.513	0.18919	2.36664	4 X
K05W42Z	17.2	0.15	K129U	358.006	112.898	266.619	3.537	0.24252	2.34678	4 X
K05W65P	17.8	0.15	K129U	334.292	116.590	295.337	4.156	0.07072	2.36383	3 X
K05W67M	17.6	0.15	K129U	318.344	202.810	237.181	4.315	0.20231	2.34143	4 X
K05W70Y	17.4	0.15	K129U	267.838	76.772	53.453	6.010	0.17878	2.37449	4 X
K05W75F	17.9	0.15	K129U	244.512	170.625	334.093	2.372	0.10823	2.35870	5 X
K05W77M	15.7	0.15	K129U	296.550	116.124	338.859	2.110	0.15764	3.98665	3 X
K05W96S	18.2	0.15	K129U	330.892	303.056	110.954	2.316	0.17571	2.36747	3 X
K05WA1F	14.9	0.15	K129U	308.666	355.446	87.295	3.369	0.26313	3.93832	4 X
K05WA5M	17.7	0.15	K129U	325.930	129.486	290.572	1.499	0.19826	2.35056	3 X
K05WA8O	17.4	0.15	K129U	292.971	357.816	89.643	2.398	0.14295	2.38698	6 X
K05WA9S	15.2	0.15	K129U	296.837	222.973	232.966	1.836	0.21009	3.94908	5 X
K05WB8C	17.4	0.15	K129U	326.857	40.193	25.793	5.744	0.18471	2.33574	5 X
K05WB9Z	17.7	0.15	K129U	3.999	104.028	266.575	3.996	0.24185	2.33994	4 X
K05WE4Z	18.4	0.15	K129U	320.278	86.969	32.958	1.112	0.17419	2.35700	4 X
K05WF0B	17.6	0.15	K129U	4.492	34.591	286.047	4.834	0.12505	2.37007	5 X
K05WF1V	17.0	0.15	K129U	334.105	106.540	316.990	4.083	0.21558	2.33242	4 X
K05WG6J	16.1	0.15	K129U	330.868	73.013	351.475	0.928	0.17969	4.00228	4 X
K05WJ2T	17.3	0.15	K129U	349.588	60.633	356.523	8.039	0.15569	2.30284	6 X
K05WJ2W	17.1	0.15	K129U	280.409	319.518	148.680	4.610	0.20904	2.37285	4 X
K05WJ9X	15.2	0.15	K129U	289.580	207.520	261.253	7.952	0.12726	3.97715	4 X
K05WK1G	17.5	0.15	K129U	286.596	185.466	281.970	5.407	0.07188	2.36266	5 X
K05WL0Z	18.0	0.15	K129U	244.144	62.665	74.764	3.984	0.11332	2.41810	4 X
K05X03D	17.1	0.15	K129U	279.977	40.046	79.941	6.306	0.18048	2.36582	4 X
K05X07O	18.7	0.15	K129U	15.460	162.880	185.991	0.875	0.21020	2.35468	3 X
K05X16Q	17.9	0.15	K129U	337.018	320.287	92.287	4.149	0.16600	2.37168	4 X
K05X30G	18.3	0.15	K129U	338.284	178.850	218.569	3.820	0.20569	2.34785	3 X
K05X50X	16.9	0.15	K129U	79.428	325.211	349.181	4.890	0.13203	2.37242	4 X
K05X67P	18.6	0.15	K129U	309.825	147.211	298.174	1.830	0.17443	2.35956	4 X
K05X76Z	18.5	0.15	K129U	339.815	120.326	291.013	2.482	0.24164	2.32489	3 X
K05X80H	17.0	0.15	K129U	341.475	168.114	221.567	4.958	0.16590	2.30174	4 X
K05Y22G	18.1	0.15	K129U	261.798	188.627	307.644	1.616	0.18311	2.42898	5 X
K05Y42V	17.5	0.15	K129U	316.182	320.657	116.947	5.533	0.20596	2.39348	4 X
K05Y57N	17.9	0.15	K129U	268.885	131.328	354.158	1.635	0.12690	2.41837	3 X
K05Y62G	14.9	0.15	K129U	331.043	346.984	80.478	4.019	0.19318	3.98699	5 X
K05Y64A	18.2	0.15	K129U	319.202	334.650	93.442	4.697	0.19681	2.39931	4 X
K05Y73X	17.2	0.15	K129U	279.117	190.084	296.348	6.618	0.04041	2.37891	4 X
K05Y97A	17.9	0.15	K129U	8.032	71.295	294.936	3.963	0.24865	2.35164	3 X
K05YA8B	17.3	0.15	K129U	15.167	223.843	125.081	3.183	0.23454	2.42635	3 X
K05YB4E	17.2	0.15	K129U	359.053	344.136	26.723	3.073	0.18860	2.43014	6 X
K05YF3U	16.9	0.15	K129U	291.193	151.847	314.718	9.229	0.16133	2.41496	4 X
K05YH6T	16.6	0.15	K129U	81.122	335.895	295.336	3.904	0.14089	2.55725	6 X
K05YI8Q	17.2	0.15	K129U	47.805	206.345	104.244	3.865	0.14063	2.54172	5 X
K05YJ6N	15.8	0.15	K129U	335.265	336.002	80.727	2.405	0.20054	3.96951	5 X
K05YK6X	18.2	0.15	K129U	334.097	150.064	258.609	1.333	0.17815	2.41800	5 X
K05YQ6S	17.7	0.15	K129U	356.858	112.093	272.631	2.259	0.10674	2.40007	6 X
K05YR1E	17.7	0.15	K129U	288.267	321.479	136.779	5.158	0.07772	2.44891	4 X
K05YR5A	16.8	0.15	K129U	307.490	231.639	233.977	8.828	0.12123	2.41122	6 X
K06A15Z	17.0	0.15	K129U	14.103	71.135	289.214	6.049	0.24424	2.40331	7 X
K06A36E	17.9	0.15	K129U	302.880	120.080	339.958	1.779	0.16523	2.40404	4 X
K06A39W	17.7	0.15	K129U	309.853	326.393	104.883	3.643	0.07560	2.44358	4 X
K06A54U	18.1	0.15	K129U	353.021	166.133	215.852	3.024	0.23488	2.41651	5 X
K06B11V	17.4	0.15	K129U	264.207	2.391	118.722	2.446	0.13742	2.46228	5 X
K06B32S	16.7	0.15	K129U	136.147	90.562	139.049	5.648	0.06597	2.62449	5 X
K06B50Y	14.9	0.15	K129U	320.936	162.984	270.107	1.586	0.20091	3.96344	5 X
K06B68S	17.8	0.15	K129U	336.420	307.166	103.743	2.967	0.21382	2.41436	5 X
K06B75A	17.3	0.15	K129U	214.148	79.974	79.746	2.980	0.07693	2.53241	6 X
K06B75C	17.7	0.15	K129U	3.559	270.009	96.144	4.129	0.05566	2.52089	4 X
K06B75N	18.4	0.15	K129U	338.095	9.209	48.594	2.446	0.15926	2.41767	3 X
K06B86Y	17.5	0.15	K129U	167.749	241.741	334.584	5.525	0.07813	2.52310	4 X
K06BA8Q	18.0	0.15	K129U	256.439	122.553	16.887	1.759	0.12519	2.46388	5 X
K06BA9Z	17.2	0.15	K129U	345.477	23.010	7.506	2.523	0.19844	2.45870	5 X
K06BB0M	18.1	0.15	K129U	335.649	348.656	60.911	2.441	0.17362	2.44245	3 X
K06BB3Y	17.7	0.15	K129U	320.471	317.184	117.231	3.122	0.16706	2.42364	4 X
K06BB7U	17.4	0.15	K129U	339.202	72.112	337.725	4.803	0.22317	2.40360	5 X
K06BC8B	16.5	0.15	K129U	58.693	157.623	156.975	12.466	0.19276	2.59321	5 X
K06BD1J	17.8	0.15	K129U	295.415	353.036	95.783	0.919	0.05515	2.52507	6 X
K06BD9W	16.9	0.15	K129U	351.756	38.682	340.562	6.428	0.13450	2.45316	4 X
K06BE2U	16.6	0.15	K129U	78.772	146.582	147.161	9.180	0.06687	2.59531	5 X
K06BF5Y	16.5	0.15	K129U	19.442	198.313	145.188	5.645	0.24706	2.57711	7 X
K06BF8U	16.2	0.15	K129U	36.982	339.862	339.754	9.362	0.12165	2.62151	6 X
K06BH8V	16.9	0.15	K129U	244.011	356.875	142.911	7.066	0.06856	2.46621	3 X

K06BI4Y	17.2	0.15	K129U	27.421	262.998	60.328	2.293	0.20614	2.57318	7	X
K06BJ0O	17.0	0.15	K129U	143.269	228.681	347.190	9.072	0.07593	2.64296	6	X
K06BJ5U	17.1	0.15	K129U	342.590	122.993	296.000	4.723	0.08324	2.44715	5	X
K06BM8Y	17.9	0.15	K129U	352.192	4.861	19.323	2.734	0.19669	2.44639	6	X
K06BN4G	17.3	0.15	K129U	185.535	85.753	100.990	3.940	0.00884	2.52194	4	X
K06BQ5G	16.6	0.15	K129U	10.663	18.317	340.423	1.029	0.11459	2.57609	6	X
K06BR7Y	17.1	0.15	K129U	90.728	244.795	26.895	2.219	0.15989	2.59113	4	X
K06BR9D	14.1	0.15	K129U	25.634	320.354	17.112	1.738	0.09130	5.23693	7	X
K06C48H	18.4	0.15	K129U	314.211	276.720	157.738	3.431	0.24277	2.43188	3	X
K06C67X	17.3	0.15	K129U	86.457	288.416	359.246	10.055	0.04252	2.59313	5	X
K06D06K	17.4	0.15	K129U	95.437	243.984	345.479	18.961	0.05165	1.93370	4	X
K06D32E	16.5	0.15	K129U	44.993	320.556	347.046	17.044	0.16732	2.54872	3	X
K06D34B	17.3	0.15	K129U	302.137	288.462	158.281	2.298	0.10114	2.54389	4	X
K06D37P	16.5	0.15	K129U	100.805	254.701	2.374	6.062	0.09083	2.71088	6	X
K06D38P	17.7	0.15	K129U	215.683	176.910	357.806	4.623	0.10866	2.54313	5	X
K06D58Q	16.8	0.15	K129U	42.334	131.668	177.227	8.773	0.15039	2.74010	6	X
K06D84Y	17.3	0.15	K129U	331.901	161.458	257.837	1.861	0.10650	2.51430	5	X
K06D86Y	17.4	0.15	K129U	222.770	2.129	152.545	5.520	0.08112	2.59251	6	X
K06D89P	16.7	0.15	K129U	347.958	216.077	170.371	12.757	0.18829	2.56760	5	X
K06D90V	17.0	0.15	K129U	75.737	129.575	157.883	3.061	0.06621	2.68637	5	X
K06D94O	17.1	0.15	K129U	342.700	55.655	5.222	6.598	0.04691	2.53944	5	X
K06D95G	17.4	0.15	K129U	9.773	352.115	1.682	19.265	0.09811	1.90465	6	X
K06DB7P	16.8	0.15	K129U	92.364	263.720	8.028	15.105	0.23335	2.76389	3	X
K06DB8R	13.8	0.15	K129U	313.774	55.441	1.531	25.352	0.08489	5.20003	2	X
K06DC4S	16.8	0.15	K129U	24.219	17.018	335.565	4.333	0.08370	2.57987	5	X
K06DC4Y	16.0	0.15	K129U	158.852	198.375	17.885	13.183	0.23057	2.69503	6	X
K06DF0O	16.9	0.15	K129U	98.763	354.828	255.280	2.533	0.13692	2.74527	6	X
K06DF5F	17.5	0.15	K129U	307.701	181.706	257.667	2.747	0.05064	2.56782	6	X
K06DG1Q	17.2	0.15	K129U	203.640	175.646	347.346	2.432	0.05252	2.61505	4	X
K06DG8R	16.9	0.15	K129U	123.173	222.343	15.562	8.825	0.10029	2.68500	4	X
K06DI5L	16.5	0.15	K129U	138.140	219.063	12.031	13.035	0.20795	2.69783	4	X
K06DI9E	17.1	0.15	K129U	345.576	236.152	144.082	2.165	0.02042	2.64320	6	X
K06DJ1C	17.8	0.15	K129U	19.387	192.753	171.216	20.430	0.07948	1.87224	3	X
K06E14Q	16.8	0.15	K129U	329.504	61.981	354.749	6.581	0.09226	2.55290	4	X
K06E15F	17.0	0.15	K129U	278.420	93.079	359.436	11.792	0.06838	2.60539	4	X
K06E16P	17.6	0.15	K129U	281.424	301.394	148.990	3.996	0.06214	2.61454	4	X
K06E17C	16.8	0.15	K129U	51.012	175.697	137.888	2.958	0.07820	2.69693	7	X
K06E38T	16.2	0.15	K129U	257.707	187.612	306.497	10.827	0.05080	2.54561	4	X
K06F01C	17.2	0.15	K129U	325.624	52.230	11.678	2.586	0.05324	2.54700	5	X
K06F08Y	16.9	0.15	K129U	235.976	87.547	52.666	3.969	0.03499	2.66792	5	X
K06F09S	17.6	0.15	K129U	185.082	344.557	211.176	6.856	0.12448	2.56887	7	X
K06F10X	17.2	0.15	K129U	265.420	314.095	165.117	8.521	0.11077	2.56602	4	X
K06F31U	16.1	0.15	K129U	145.037	193.893	30.098	16.230	0.10649	2.72785	4	X
K06F32B	16.9	0.15	K129U	355.582	7.195	29.717	5.862	0.07358	2.63668	4	X
K06G16A	17.0	0.15	K129U	262.443	60.920	49.213	4.866	0.07515	2.65281	5	X
K06G23W	16.7	0.15	K129U	62.223	272.416	32.886	13.985	0.10030	2.75864	3	X
K06G26S	16.5	0.15	K129U	122.202	186.363	51.212	5.998	0.11026	2.77651	5	X
K06G43M	16.9	0.15	K129U	38.387	264.852	69.748	6.156	0.01618	2.68914	5	X
K06G47N	16.5	0.15	K129U	209.798	313.812	200.334	4.981	0.02136	2.71607	5	X
K06H01Y	16.1	0.15	K129U	127.154	64.022	174.287	9.515	0.12891	2.75216	7	X
K06H09A	17.6	0.15	K129U	331.921	28.909	12.032	20.403	0.06420	1.88085	4	X
K06H15J	16.2	0.15	K129U	238.008	133.334	24.574	12.762	0.19045	2.59134	4	X
K06H16W	16.9	0.15	K129U	354.370	327.317	51.837	6.480	0.04330	2.67007	4	X
K06H22P	17.1	0.15	K129U	142.671	80.544	130.214	2.318	0.19286	2.77669	5	X
K06H26N	16.8	0.15	K129U	57.669	94.793	190.197	13.493	0.25265	2.96921	4	X
K06H36K	16.7	0.15	K129U	116.149	207.094	44.708	5.924	0.09680	2.70787	5	X
K06H36V	18.0	0.15	K129U	121.869	197.952	69.332	27.289	0.04601	1.90902	4	X
K06H47Y	17.2	0.15	K129U	245.241	329.853	158.004	5.728	0.10004	2.67497	4	X
K06H67P	16.8	0.15	K129U	211.280	118.304	42.807	3.352	0.15583	2.69207	4	X
K06H81V	16.4	0.15	K129U	338.385	352.869	54.262	7.329	0.03838	2.70919	5	X
K06H84Q	16.6	0.15	K129U	123.635	39.024	211.896	9.797	0.06400	2.77798	5	X
K06HB6H	16.6	0.15	K129U	354.649	139.102	231.132	5.469	0.06962	2.79947	5	X
K06J06T	16.8	0.15	K129U	80.256	217.283	71.818	4.622	0.06912	2.77603	8	X
K06J19G	16.6	0.15	K129U	16.423	263.811	99.408	3.582	0.08656	2.75736	6	X
K06J25U	17.5	0.15	K129U	199.595	172.938	16.134	21.912	0.06399	1.89195	6	X
K06J26C	15.8	0.15	K129U	125.774	232.354	356.987	8.895	0.09595	2.79277	6	X
K06K27G	16.5	0.15	K129U	63.323	275.253	55.980	12.801	0.17579	2.76154	4	X
K06K48P	16.6	0.15	K129U	69.938	181.313	99.233	5.531	0.17969	2.91498	5	X
K06K88P	16.6	0.15	K129U	353.409	281.190	120.559	17.566	0.10487	2.74755	4	X
K06KB9M	17.0	0.15	K129U	91.160	125.406	144.769	8.934	0.07201	2.85556	5	X
K06KC3G	16.0	0.15	K129U	70.509	17.135	281.206	11.160	0.13160	2.99824	5	X
K06O03O	15.5	0.15	K129U	7.894	50.432	309.441	15.560	0.28755	3.13370	5	X
K06O05Y	15.5	0.15	K129U	45.780	210.435	105.835	18.647	0.27914	3.10632	5	X
K06P00Y	15.2	0.15	K129U	59.043	156.281	157.241	17.572	0.17836	3.09554	6	X
K06P03K	16.2	0.15	K129U	35.230	210.660	123.085	12.519	0.28136	3.09190	3	X
K06P06R	15.9	0.15	K129U	4.769	27.451	338.190	9.016	0.10252	3.09810	4	X
K06P10X	15.3	0.15	K129U	14.855	40.212	319.345	22.067	0.09981	3.11818	3	X



K06P21W	15.7	0.15	K129U	70.988	12.436	283.854	4.736	0.12884	3.08942	6	X
K06P31C	16.5	0.15	K129U	53.033	330.179	327.979	16.461	0.20545	3.14865	2	X
K06P37Q	15.6	0.15	K129U	172.239	108.021	120.370	17.612	0.13446	2.81351	5	X
K06Q02B	15.7	0.15	K129U	31.798	19.639	307.159	4.179	0.13674	3.16457	6	X
K06Q21N	15.7	0.15	K129U	0.845	231.774	161.586	17.232	0.33340	3.13617	4	X
K06Q48N	15.0	0.15	K129U	48.645	328.012	1.386	16.796	0.28361	3.15163	6	X
K06Q52G	16.4	0.15	K129U	52.853	211.427	96.356	2.859	0.19884	3.12856	6	X
K06Q59E	16.3	0.15	K129U	58.954	145.796	153.295	11.654	0.22232	3.09699	5	X
K06Q61S	15.9	0.15	K129U	20.446	167.407	177.460	7.131	0.11651	3.19429	7	X
K06Q65O	15.8	0.15	K129U	326.276	85.180	338.186	9.413	0.06319	3.10676	5	X
K06Q83G	16.0	0.15	K129U	55.059	349.864	330.760	11.131	0.12712	3.09092	4	X
K06Q85S	15.5	0.15	K129U	324.058	95.817	334.803	20.821	0.22352	3.13824	4	X
K06Q98R	15.1	0.15	K129U	335.610	94.514	333.578	20.245	0.29342	3.16843	4	X
K06QA6W	15.6	0.15	K129U	25.660	27.459	327.657	12.281	0.07104	3.10145	6	X
K06QB2T	15.7	0.15	K129U	13.415	71.076	316.140	15.103	0.29132	3.09562	4	X
K06QB5F	15.4	0.15	K129U	38.076	86.865	250.573	8.944	0.11118	3.12700	6	X
K06QC9G	15.2	0.15	K129U	61.108	166.399	148.167	18.069	0.18337	3.12058	5	X
K06QD4U	15.6	0.15	K129U	35.441	82.154	281.767	8.415	0.06587	3.02940	8	X
K06QG2X	15.8	0.15	K129U	78.472	305.504	343.461	9.368	0.19378	3.15909	5	X
K06QG3Z	15.8	0.15	K129U	357.977	115.655	266.172	2.791	0.18170	3.21395	5	X
K06QG8X	15.9	0.15	K129U	40.857	287.349	22.853	13.456	0.26827	3.12120	4	X
K06QI3K	16.5	0.15	K129U	3.355	209.684	168.727	1.914	0.07310	3.20150	7	X
K06QI4K	16.0	0.15	K129U	342.864	20.974	17.040	9.855	0.08098	3.21935	3	X
K06R14B	16.6	0.15	K129U	66.353	57.478	241.108	7.555	0.09175	3.11587	4	X
K06R17D	16.0	0.15	K129U	0.170	240.478	161.996	14.122	0.29669	3.16206	3	X
K06R17F	15.7	0.15	K129U	35.108	359.608	7.968	16.104	0.21483	3.07163	5	X
K06R17M	15.4	0.15	K129U	70.589	38.226	285.690	8.653	0.08861	3.10174	3	X
K06R28S	16.2	0.15	K129U	302.118	252.129	190.217	9.992	0.08035	3.07819	4	X
K06R28T	16.6	0.15	K129U	71.386	78.563	216.828	6.201	0.12458	3.08911	6	X
K06R29O	15.9	0.15	K129U	338.651	230.539	176.469	16.314	0.10660	3.09676	5	X
K06R30D	16.5	0.15	K129U	21.420	144.366	206.470	10.267	0.13227	3.13660	6	X
K06R36X	15.5	0.15	K129U	74.911	126.465	158.535	10.608	0.12285	3.21932	7	X
K06R39H	15.8	0.15	K129U	352.292	47.180	21.095	16.261	0.24022	3.17465	4	X
K06R57Y	15.9	0.15	K129U	66.966	299.261	9.996	9.083	0.09542	3.16249	5	X
K06R63S	15.9	0.15	K129U	359.224	0.697	22.567	14.901	0.22397	3.20093	4	X
K06R69M	16.2	0.15	K129U	110.554	268.380	359.818	7.888	0.08993	3.15793	7	X
K06RA1W	15.8	0.15	K129U	44.180	297.430	8.089	26.458	0.28894	3.21278	2	X
K06RC2T	15.0	0.15	K129U	345.782	89.848	303.829	19.250	0.12901	3.21931	7	X
K06S00N	15.6	0.15	K129U	29.902	106.730	258.000	11.133	0.16626	3.09152	5	X
K06S07Q	17.1	0.15	K129U	18.647	113.860	245.183	8.390	0.21834	3.18977	3	X
K06S10T	16.1	0.15	K129U	353.531	146.464	252.256	9.625	0.05725	3.06187	4	X
K06S21F	15.4	0.15	K129U	357.080	34.691	348.666	8.632	0.08838	3.17307	4	X
K06S22Q	16.1	0.15	K129U	33.820	324.567	36.692	11.048	0.18207	3.11954	4	X
K06S29L	16.1	0.15	K129U	254.182	291.819	199.525	10.961	0.05345	3.05908	6	X
K06S33J	15.8	0.15	K129U	351.800	128.569	260.590	5.053	0.13687	3.22834	5	X
K06S49R	15.8	0.15	K129U	315.716	258.319	179.362	25.503	0.24265	3.16817	5	X
K06S60H	15.3	0.15	K129U	334.215	83.025	21.374	22.298	0.30185	3.12953	3	X
K06S76R	15.9	0.15	K129U	341.497	202.277	236.967	10.324	0.17906	2.97996	7	X
K06S85B	16.3	0.15	K129U	211.526	161.835	15.971	11.364	0.07808	3.21547	4	X
K06SF6B	16.1	0.15	K129U	41.690	137.141	189.655	11.428	0.18244	3.11633	5	X
K06SG4R	16.0	0.15	K129U	215.290	325.767	202.616	11.310	0.09752	3.19674	7	X
K06SG5F	16.0	0.15	K129U	101.569	310.064	322.749	6.459	0.23876	3.08946	5	X
K06SK0A	16.3	0.15	K129U	315.793	100.210	5.031	5.203	0.15498	3.18408	5	X
K06SK5X	15.3	0.15	K129U	5.585	4.153	31.037	16.132	0.16553	3.19440	4	X
K06SL5C	15.4	0.15	K129U	340.935	54.728	23.594	15.914	0.24681	3.19032	5	X
K06SL9Q	16.4	0.15	K129U	19.595	37.117	351.501	15.212	0.07256	3.03836	5	X
K06SR6B	16.0	0.15	K129U	346.441	240.293	173.763	15.017	0.12819	3.05594	5	X
K06SS2Y	15.6	0.15	K129U	33.329	352.291	14.490	9.703	0.10739	3.07051	5	X
K06SS3V	15.6	0.15	K129U	58.984	148.226	167.312	18.025	0.18522	3.22701	5	X
K06SY7F	15.8	0.15	K129U	69.656	328.244	15.403	8.850	0.04370	3.11538	5	X
K06SZ1R	15.8	0.15	K129U	56.082	322.128	22.592	9.787	0.06519	3.10939	5	X
K06Sd7J	16.4	0.15	K129U	328.752	55.567	22.552	15.893	0.10317	3.19253	3	X
K06T57L	15.5	0.15	K129U	27.463	337.438	38.857	14.395	0.01347	3.24765	3	X
K06T57X	15.7	0.15	K129U	69.835	300.058	22.843	26.914	0.20675	3.11900	5	X
K06T60B	15.7	0.15	K129U	138.350	354.848	251.763	7.040	0.02723	3.41694	6	X
K06T66B	16.6	0.15	K129U	60.784	278.532	27.888	14.180	0.22178	3.16897	4	X
K06T98Y	15.6	0.15	K129U	307.370	268.001	181.507	18.465	0.16572	3.20770	6	X
K06TC4Y	16.0	0.15	K129U	38.606	347.084	20.009	10.241	0.08564	3.24228	6	X
K06U04T	16.2	0.15	K129U	63.815	297.816	38.698	9.382	0.09209	3.15216	4	X
K06U11R	15.9	0.15	K129U	30.000	141.890	199.557	7.142	0.11974	3.36267	6	X
K06U56E	16.0	0.15	K129U	352.338	166.797	225.274	8.042	0.08805	3.16947	8	X
K06U82Q	15.2	0.15	K129U	23.959	4.148	19.820	10.455	0.04125	3.21787	4	X
K06U87V	17.6	0.15	K129U	316.394	193.807	235.503	5.066	0.10366	2.11890	4	X
K06U97Q	15.6	0.15	K129U	296.309	81.863	45.523	19.893	0.11186	3.21256	4	X
K06UC5T	16.0	0.15	K129U	66.391	286.818	14.555	9.572	0.13695	3.35169	4	X
K06UF2F	15.3	0.15	K129U	352.263	242.943	166.628	20.159	0.23256	3.30323	5	X
K06UG9K	16.1	0.15	K129U	327.995	44.241	42.802	18.059	0.10864	3.20744	4	X

K06UI6W	16.0	0.15	K129U	351.465	95.872	333.591	15.239	0.25443	3.15823	5	X
K06UJ0M	15.1	0.15	K129U	69.799	354.619	352.362	11.712	0.09116	3.10357	4	X
K06UQ4G	16.5	0.15	K129U	325.230	71.924	28.074	18.323	0.22236	3.18983	3	X
K06UZ9F	16.1	0.15	K129U	8.928	102.325	289.778	4.066	0.07891	3.21609	5	X
K06V04O	15.0	0.15	K129U	337.838	167.917	242.414	9.033	0.14831	3.42542	5	X
K06V13C	15.5	0.15	K129U	23.860	101.788	271.882	24.258	0.28346	3.19349	4	X
K06VD9B	17.1	0.15	K129U	133.444	321.964	274.384	6.359	0.07158	2.27195	5	X
K06W01N	18.7	0.15	K129U	20.003	93.424	239.381	4.015	0.45022	2.10015	3	X
K06W11F	17.5	0.15	K129U	324.070	71.943	337.081	3.348	0.09567	2.14375	6	X
K06WD9K	18.5	0.15	K129U	19.050	211.805	127.226	1.490	0.22034	2.13369	5	X
K06WFOY	14.7	0.15	K129U	284.383	327.101	145.530	8.404	0.18633	4.00824	4	X
K06X270	17.2	0.15	K129U	341.175	127.654	268.695	3.868	0.04627	2.15824	6	X
K06Y34P	17.4	0.15	K129U	129.844	248.030	338.443	6.089	0.09956	2.30103	5	X
K06Y46P	17.3	0.15	K129U	238.383	257.392	255.723	4.729	0.08945	2.21296	6	X
K06Y54N	18.0	0.15	K129U	272.044	159.036	304.531	2.449	0.09873	2.21450	4	X
K07B10L	18.0	0.15	K129U	280.394	180.484	280.064	3.570	0.11701	2.20671	4	X
K07B44W	17.6	0.15	K129U	204.640	21.045	153.413	5.384	0.11845	2.26153	7	X
K07B48B	18.4	0.15	K129U	325.440	1.379	63.874	3.273	0.13260	2.20615	4	X
K07B60L	17.1	0.15	K129U	151.743	237.802	346.596	7.689	0.14245	2.30810	3	X
K07C02Y	17.9	0.15	K129U	266.288	313.772	156.900	5.682	0.03766	2.25586	4	X
K07C17V	17.5	0.15	K129U	285.174	119.253	350.930	4.877	0.09042	2.21154	4	X
K07C25Z	17.5	0.15	K129U	231.238	231.564	272.515	2.939	0.13640	2.28211	5	X
K07C52Y	17.3	0.15	K129U	184.079	212.993	348.119	1.877	0.15412	2.29370	6	X
K07C57N	17.2	0.15	K129U	276.983	71.496	34.300	6.030	0.10928	2.22941	7	X
K07D01D	18.2	0.15	K129U	286.818	114.767	353.286	7.101	0.10234	2.25434	3	X
K07D03V	17.7	0.15	K129U	234.568	334.875	172.714	7.847	0.03700	2.27413	4	X
K07D11D	17.7	0.15	K129U	330.614	215.874	189.599	5.404	0.08250	2.27680	5	X
K07D16H	17.7	0.15	K129U	118.789	153.458	81.249	3.678	0.18155	2.40515	4	X
K07D21B	17.4	0.15	K129U	268.697	139.505	345.679	4.337	0.09000	2.24288	4	X
K07D26X	17.5	0.15	K129U	280.672	114.322	353.385	7.797	0.08630	2.25620	4	X
K07D38P	17.7	0.15	K129U	111.661	256.153	7.308	7.276	0.09885	2.37400	5	X
K07D64H	17.5	0.15	K129U	81.841	117.434	153.307	7.722	0.15966	2.42009	4	X
K07D76E	17.8	0.15	K129U	256.184	12.664	120.568	3.110	0.10124	2.28301	4	X
K07D80M	17.5	0.15	K129U	128.577	89.240	142.424	4.054	0.12164	2.37325	6	X
K07DB2E	16.9	0.15	K129U	135.471	223.772	17.383	7.185	0.06515	2.38803	5	X
K07E00P	16.7	0.15	K129U	247.199	177.430	304.432	6.533	0.06202	2.31776	5	X
K07E06B	18.3	0.15	K129U	106.574	280.129	345.201	2.254	0.06018	2.33148	4	X
K07E09T	18.2	0.15	K129U	324.138	74.050	355.323	2.222	0.18403	2.23371	6	X
K07E21J	17.6	0.15	K129U	114.057	90.525	161.669	3.495	0.09458	2.39416	7	X
K07E67Q	18.0	0.15	K129U	140.744	80.628	140.843	2.166	0.13197	2.40761	5	X
K07E75N	17.2	0.15	K129U	124.306	239.737	0.020	3.880	0.05116	2.41061	6	X
K07E85K	16.9	0.15	K129U	310.469	239.053	194.329	23.556	0.19405	2.28707	4	X
K07E89Z	17.8	0.15	K129U	340.605	72.422	323.691	2.514	0.11403	2.25705	6	X
K07E92W	15.4	0.15	K129U	295.452	188.082	266.971	1.730	0.23535	3.92836	4	X
K07E96P	17.6	0.15	K129U	171.471	8.796	199.908	2.322	0.14794	2.38187	4	X
K07EA6G	14.0	0.15	K129U	100.467	188.115	77.455	5.371	0.06751	5.18415	7	X
K07EA8G	16.9	0.15	K129U	172.194	186.844	20.684	11.677	0.14644	2.36645	4	X
K07EB6F	17.6	0.15	K129U	194.404	143.271	39.943	7.145	0.19868	2.37032	5	X
K07EB7P	17.0	0.15	K129U	61.677	228.961	51.782	6.196	0.23533	2.59487	4	X
K07EC7W	18.1	0.15	K129U	275.322	129.976	352.999	7.435	0.04689	2.25317	3	X
K07ED2O	18.2	0.15	K129U	193.175	11.394	169.450	3.813	0.11291	2.34866	5	X
K07EF6Z	17.5	0.15	K129U	250.697	58.818	82.142	4.066	0.15081	2.30275	5	X
K07EG6J	17.4	0.15	K129U	161.241	205.705	6.012	5.901	0.17655	2.40222	4	X
K07EH5C	17.4	0.15	K129U	235.295	261.193	251.811	1.596	0.15415	2.30791	4	X
K07EJ1Y	18.3	0.15	K129U	244.931	139.310	6.607	5.075	0.08993	2.30707	5	X
K07EL4L	17.8	0.15	K129U	31.188	331.559	358.916	4.032	0.13670	2.38467	5	X
K07EL5P	17.5	0.15	K129U	215.448	304.397	220.254	5.473	0.12684	2.30339	7	X
K07F01U	17.0	0.15	K129U	219.646	18.292	141.744	6.884	0.14949	2.32769	4	X
K07F20O	17.2	0.15	K129U	50.396	144.086	175.196	6.176	0.12151	2.39762	4	X
K07F48Z	13.6	0.15	K129U	2.377	336.485	34.998	8.695	0.11225	5.26944	5	X
K07G00X	17.9	0.15	K129U	157.711	135.519	71.670	5.599	0.16063	2.36671	5	X
K07G18T	17.0	0.15	K129U	56.244	66.254	227.798	3.802	0.19745	2.58917	4	X
K07G21Q	17.0	0.15	K129U	42.884	98.212	208.309	3.221	0.20803	2.61021	4	X
K07G59R	17.5	0.15	K129U	29.710	323.153	20.795	3.766	0.10256	2.46169	4	X
K07G67F	16.8	0.15	K129U	275.087	217.227	223.956	7.996	0.05945	2.49055	5	X
K07H00Z	20.1	0.15	K129U	282.463	259.050	208.382	7.419	0.14240	1.32900	4	X
K07H01W	14.1	0.15	K129U	81.817	260.333	22.604	5.050	0.04651	5.36572	6	X
K07H37L	18.2	0.15	K129U	246.916	39.314	100.605	4.390	0.15343	2.31523	4	X
K07H53A	16.9	0.15	K129U	59.201	240.922	51.995	31.446	0.28328	2.62772	4	X
K07H53W	18.0	0.15	K129U	223.814	341.569	170.077	6.388	0.17104	2.34798	5	X
K07H56J	17.5	0.15	K129U	48.003	244.261	58.238	5.418	0.19472	2.58677	5	X
K07H67A	15.8	0.15	K129U	27.508	275.439	66.206	29.485	0.32269	2.62535	3	X
K07H91B	17.5	0.15	K129U	175.364	15.659	185.323	4.792	0.05901	2.40285	6	X
K07J40H	17.2	0.15	K129U	133.619	345.066	224.034	11.162	0.05794	2.58354	3	X
K07J43B	17.2	0.15	K129U	93.540	49.542	211.824	11.639	0.22910	2.56211	3	X
K07K03K	17.5	0.15	K129U	99.610	343.571	277.742	2.328	0.17174	2.54847	5	X
K07K04K	17.2	0.15	K129U	73.254	97.564	175.640	12.821	0.25243	2.58636	4	X

K07L11N	17.5	0.15	K129U	34.222	102.888	218.869	5.197	0.29368	2.66563	5	X
K07L15L	16.3	0.15	K129U	35.349	243.733	88.300	14.731	0.21233	2.59256	3	X
K07L28F	16.3	0.15	K129U	100.924	98.985	165.336	8.243	0.06652	2.53970	4	X
K07N03G	17.2	0.15	K129U	94.975	3.888	272.585	11.512	0.10606	2.62662	5	X
K07O01L	16.5	0.15	K129U	88.733	136.907	150.637	17.509	0.20963	2.59393	5	X
K07P19V	16.9	0.15	K129U	28.110	349.316	347.776	0.732	0.24105	2.80662	5	X
K07P30U	16.2	0.15	K129U	21.692	83.000	248.823	6.215	0.34376	2.85729	3	X
K07P36F	15.9	0.15	K129U	36.335	196.587	143.296	14.777	0.18549	2.71002	5	X
K07P43C	16.2	0.15	K129U	77.935	348.951	326.526	12.941	0.16323	2.65249	5	X
K07P46A	16.3	0.15	K129U	342.286	67.989	345.842	9.820	0.23749	2.80485	3	X
K07Q00F	16.0	0.15	K129U	75.977	8.500	304.459	12.577	0.17685	2.66921	4	X
K07Q07P	16.2	0.15	K129U	67.113	328.777	336.433	12.586	0.13910	2.76240	3	X
K07Q14D	17.2	0.15	K129U	25.101	7.319	352.827	6.016	0.05499	2.76684	4	X
K07R11C	17.0	0.15	K129U	14.659	7.326	5.063	9.327	0.18118	2.82019	2	X
K07R12G	17.0	0.15	K129U	346.723	136.125	265.192	3.335	0.07147	2.77256	6	X
K07R20W	16.6	0.15	K129U	0.355	356.502	14.187	1.766	0.20949	2.84336	5	X
K07R32X	16.1	0.15	K129U	34.067	321.586	23.641	9.222	0.29575	2.78623	6	X
K07R43C	15.9	0.15	K129U	226.475	305.681	204.824	10.013	0.04911	2.86642	4	X
K07R50O	16.9	0.15	K129U	65.070	90.778	217.651	9.967	0.09728	2.83516	4	X
K07R51B	17.1	0.15	K129U	25.434	123.169	246.165	5.747	0.08410	2.78312	2	X
K07R52L	16.5	0.15	K129U	342.111	164.073	243.042	4.727	0.25561	2.89511	4	X
K07R53B	16.4	0.15	K129U	133.914	3.727	247.177	4.894	0.00651	2.83882	6	X
K07R80F	17.1	0.15	K129U	18.609	165.394	182.905	1.776	0.08030	2.83829	5	X
K07R93T	16.5	0.15	K129U	33.886	344.357	19.248	9.109	0.17582	2.78181	6	X
K07R95D	16.8	0.15	K129U	31.823	192.558	142.450	2.873	0.10711	2.92604	4	X
K07RA2F	16.8	0.15	K129U	9.672	105.936	268.532	4.637	0.15276	2.81515	3	X
K07RA9D	16.4	0.15	K129U	355.479	58.982	354.976	5.845	0.06132	2.73511	6	X
K07RD0Y	16.8	0.15	K129U	63.305	287.678	28.965	5.949	0.02029	2.90535	3	X
K07RE2H	15.6	0.15	K129U	19.142	143.735	196.903	15.978	0.19554	2.97226	5	X
K07RE8Y	15.6	0.15	K129U	342.919	50.583	16.105	22.452	0.13365	2.76809	4	X
K07RF3Y	17.3	0.15	K129U	24.208	148.993	205.535	3.030	0.10693	2.79338	5	X
K07RF6G	17.0	0.15	K129U	27.337	22.577	328.847	3.027	0.10802	2.78755	6	X
K07RF7Q	16.5	0.15	K129U	42.141	307.100	36.416	9.431	0.18875	2.76251	5	X
K07RF8L	16.3	0.15	K129U	75.176	294.590	2.275	9.072	0.16946	2.76330	3	X
K07RF8Y	16.9	0.15	K129U	80.084	273.592	25.376	5.019	0.06201	2.77388	5	X
K07RG9P	16.4	0.15	K129U	338.051	331.521	61.180	3.322	0.11925	2.89391	6	X
K07RH1O	16.7	0.15	K129U	12.473	221.885	147.668	6.998	0.03766	2.79712	5	X
K07RH4Q	16.3	0.15	K129U	2.448	198.271	167.914	11.833	0.08083	2.94107	5	X
K07RI1X	16.4	0.15	K129U	313.651	83.120	18.890	6.730	0.08835	2.79683	5	X
K07RK6X	16.7	0.15	K129U	68.280	237.804	68.764	3.076	0.04679	2.86611	4	X
K07RK8R	16.4	0.15	K129U	57.589	241.992	67.415	2.980	0.02387	2.90468	5	X
K07RM7U	15.8	0.15	K129U	89.994	248.293	44.338	15.448	0.01573	3.06810	3	X
K07RM9M	16.8	0.15	K129U	89.218	313.609	352.262	13.478	0.18756	2.64817	5	X
K07RP4G	17.2	0.15	K129U	38.438	143.118	175.954	8.989	0.16650	2.80097	3	X
K07RQ8B	16.8	0.15	K129U	50.826	301.948	38.442	4.467	0.10633	2.77148	4	X
K07RS0Y	16.1	0.15	K129U	43.681	96.878	254.524	12.485	0.09321	2.78470	5	X
K07RS7Y	16.5	0.15	K129U	157.284	229.300	23.864	9.464	0.04403	2.72543	4	X
K07RS7Z	16.9	0.15	K129U	3.423	180.883	178.986	11.220	0.11531	2.96812	4	X
K07RS8U	15.7	0.15	K129U	67.832	66.972	237.439	6.677	0.07087	3.13519	4	X
K07RT4C	16.6	0.15	K129U	188.246	328.870	216.157	1.761	0.02623	2.91723	6	X
K07RT0H	16.8	0.15	K129U	292.833	291.728	170.126	7.684	0.17847	2.93463	7	X
K07RU0W	16.4	0.15	K129U	43.815	289.498	28.815	14.992	0.15521	2.86082	4	X
K07RV1E	16.3	0.15	K129U	27.106	348.193	14.595	9.780	0.16567	2.75207	4	X
K07RV7P	16.7	0.15	K129U	272.563	304.699	165.152	2.176	0.02093	2.86688	5	X
K07RW0J	16.3	0.15	K129U	317.624	53.075	322.524	4.724	0.16203	3.11703	5	X
K07RW4D	17.3	0.15	K129U	6.118	53.814	307.214	0.697	0.14938	2.96739	4	X
K07RW4F	16.6	0.15	K129U	359.822	310.067	72.207	3.151	0.08052	2.86887	4	X
K07RW4L	15.8	0.15	K129U	155.775	178.426	46.935	10.287	0.03522	3.12315	5	X
K07RW5R	16.6	0.15	K129U	11.186	309.566	48.488	3.802	0.32995	3.00454	2	W
K07S07T	15.9	0.15	K129U	74.212	147.410	142.222	2.869	0.08158	2.93568	5	X
K07S19T	16.9	0.15	K129U	277.502	141.017	317.917	2.247	0.08584	2.97238	5	X
K07T04L	16.7	0.15	K129U	15.798	243.047	118.395	2.942	0.06722	2.93846	5	X
K07T14K	16.9	0.15	K129U	56.642	46.277	280.879	4.513	0.16833	2.75431	7	X
K07T16O	18.4	0.15	K129U	277.462	266.512	198.716	19.257	0.07790	1.84141	4	X
K07T20N	16.3	0.15	K129U	18.255	90.303	252.802	3.143	0.13239	2.94535	6	X
K07T21B	16.3	0.15	K129U	34.184	329.317	349.447	14.670	0.20885	2.94104	2	X
K07T26F	16.8	0.15	K129U	306.008	83.745	343.840	1.427	0.05264	2.86847	6	X
K07T35W	15.9	0.15	K129U	9.372	298.829	56.033	6.432	0.23961	3.00826	4	X
K07T38M	17.0	0.15	K129U	33.462	334.500	6.677	5.125	0.16683	2.78847	2	X
K07T39C	16.0	0.15	K129U	68.702	245.573	43.922	10.615	0.08362	3.09485	5	X
K07T40W	15.7	0.15	K129U	223.267	286.610	215.957	15.603	0.06014	3.16245	5	X
K07T40Z	15.7	0.15	K129U	318.352	16.968	45.094	9.885	0.13666	3.05173	5	X
K07T41F	16.7	0.15	K129U	10.290	157.227	214.533	10.193	0.09554	2.98767	3	X
K07T42X	16.2	0.15	K129U	89.033	304.630	352.327	1.710	0.04653	2.79591	9	X
K07T45E	16.9	0.15	K129U	320.975	216.269	199.263	11.455	0.04700	2.96922	2	X
K07T48D	16.2	0.15	K129U	65.419	85.441	231.473	5.659	0.07288	2.89550	3	X
K07T55P	16.1	0.15	K129U	289.993	221.481	219.657	10.092	0.06605	3.09882	3	X

K07T55X	16.3	0.15	K129U	5.092	348.506	26.634	10.558	0.11336	2.96484	3 X
K07T65T	18.2	0.15	K129U	323.888	75.278	15.323	22.031	0.13686	1.80522	4 X
K07T69V	16.4	0.15	K129U	347.888	52.414	327.499	8.950	0.08841	2.98653	5 X
K07T71B	16.1	0.15	K129U	317.039	186.855	239.972	8.502	0.07935	3.07377	5 X
K07T78D	15.8	0.15	K129U	314.796	208.114	225.882	9.968	0.11096	2.98239	6 X
K07T84G	16.2	0.15	K129U	53.041	259.691	30.158	6.956	0.19736	3.01495	4 X
K07T88M	16.9	0.15	K129U	333.214	258.938	167.273	4.212	0.30225	2.96851	3 X
K07T91H	15.5	0.15	K129U	318.545	45.113	24.846	17.752	0.20845	3.03651	3 X
K07T93O	16.5	0.15	K129U	8.857	159.873	204.131	12.563	0.15645	2.99129	5 X
K07T93U	16.4	0.15	K129U	318.347	324.473	92.527	3.047	0.12235	3.05671	3 X
K07T95U	15.7	0.15	K129U	291.250	160.280	39.476	10.201	0.05673	3.03380	4 X
K07T99C	16.8	0.15	K129U	33.398	96.071	144.538	1.479	0.09477	2.92161	3 X
K07T99D	16.9	0.15	K129U	328.765	251.308	156.260	2.182	0.09237	2.96936	3 X
K07TA3U	16.2	0.15	K129U	31.968	132.886	194.910	4.821	0.18996	3.03377	6 W
K07TB5X	16.4	0.15	K129U	269.971	327.657	140.961	2.482	0.07341	3.10661	5 X
K07TB7Z	16.0	0.15	K129U	332.158	219.824	184.703	9.724	0.09561	3.03214	6 X
K07TC1J	16.0	0.15	K129U	123.360	233.711	13.897	12.201	0.06316	3.00488	5 X
K07TC3L	16.3	0.15	K129U	36.049	182.665	141.335	2.524	0.05982	3.06569	5 X
K07TC4K	15.3	0.15	K129U	199.755	132.104	39.049	14.560	0.08222	3.05987	5 X
K07TC6E	16.5	0.15	K129U	64.251	268.516	35.424	6.488	0.20914	2.92331	2 X
K07TC7A	15.5	0.15	K129U	252.077	81.327	44.202	11.441	0.08445	3.06594	5 X
K07TD0J	16.5	0.15	K129U	334.256	332.509	75.980	2.655	0.15009	2.97868	4 X
K07TD0Y	15.8	0.15	K129U	333.391	17.504	21.380	9.275	0.12376	3.06541	7 X
K07TD2V	17.1	0.15	K129U	340.855	240.793	164.547	1.673	0.14265	2.97947	3 X
K07TE1B	15.7	0.15	K129U	317.757	48.525	11.755	9.832	0.10543	3.05612	4 X
K07TE1L	15.6	0.15	K129U	230.264	99.192	54.213	8.700	0.14606	3.08751	4 X
K07TE4E	16.4	0.15	K129U	336.903	121.009	235.200	0.653	0.19887	3.12978	3 X
K07TE9J	16.7	0.15	K129U	357.304	38.900	10.988	4.569	0.12885	2.79944	5 X
K07TF2P	15.7	0.15	K129U	312.538	185.839	218.686	11.599	0.11566	3.05223	4 X
K07TF8D	15.6	0.15	K129U	305.623	60.172	11.511	12.865	0.05488	2.97951	6 X
K07TF8E	15.8	0.15	K129U	39.883	320.301	9.836	10.496	0.05923	2.96389	6 X
K07TF9H	16.3	0.15	K129U	342.713	99.869	310.383	3.736	0.18321	2.92239	4 X
K07TG2Z	16.3	0.15	K129U	341.646	29.298	11.182	1.722	0.10939	2.94485	7 X
K07TG8Z	16.0	0.15	K129U	4.379	149.660	228.337	8.216	0.05051	2.90222	6 X
K07TH2S	18.6	0.15	K129U	309.849	57.190	21.925	21.940	0.10550	1.84652	5 X
K07TI7C	16.1	0.15	K129U	9.957	231.304	122.103	3.376	0.03088	3.02243	3 X
K07TJ9X	16.5	0.15	K129U	102.419	62.331	212.920	7.971	0.00540	2.96002	4 X
K07TK3Z	16.1	0.15	K129U	9.589	117.875	215.031	13.190	0.19206	3.16027	4 X
K07TK4P	16.3	0.15	K129U	307.543	303.249	129.340	3.065	0.07164	3.05107	5 X
K07TK9Y	15.9	0.15	K129U	350.344	335.105	52.371	11.288	0.05440	3.03490	4 X
K07TL6Q	16.8	0.15	K129U	2.239	10.713	31.869	11.387	0.21620	2.89057	4 X
K07TL7B	15.4	0.15	K129U	258.234	93.496	26.922	9.793	0.06609	3.10186	5 X
K07TM2X	16.5	0.15	K129U	322.474	292.804	131.420	3.264	0.16893	2.97230	5 X
K07TM6F	16.2	0.15	K129U	344.088	141.637	226.027	10.855	0.13392	3.04485	2 X
K07TM8L	16.8	0.15	K129U	41.489	356.481	336.817	1.358	0.07121	2.98293	4 X
K07TM8M	16.1	0.15	K129U	207.130	321.052	216.726	11.592	0.13631	3.03205	4 X
K07TN8V	16.6	0.15	K129U	339.025	269.850	128.732	2.449	0.10376	2.97091	5 X
K07TP5Y	16.2	0.15	K129U	317.815	191.163	240.803	4.649	0.05832	2.93392	5 X
K07TP6C	15.9	0.15	K129U	181.282	160.427	37.983	11.072	0.05648	2.98521	5 X
K07TQ5G	16.5	0.15	K129U	247.856	174.483	332.420	5.334	0.02656	2.86001	5 X
K07TQ9P	16.3	0.15	K129U	22.950	257.090	82.168	2.214	0.16924	2.97439	6 X
K07TR1B	16.9	0.15	K129U	340.739	61.147	336.175	2.202	0.11223	2.98716	4 X
K07TT5P	17.2	0.15	K129U	42.728	297.042	13.317	7.287	0.22475	2.91822	3 W
K07TT8D	16.4	0.15	K129U	296.224	73.952	13.520	9.199	0.18136	3.00070	4 X
K07TU0W	16.4	0.15	K129U	341.031	163.440	231.774	6.633	0.10672	3.01893	2 W
K07TV3X	16.3	0.15	K129U	54.696	220.176	96.327	3.971	0.11003	2.92936	7 X
K07TV5L	16.4	0.15	K129U	358.713	160.883	222.885	1.290	0.20268	2.96077	5 X
K07TV5S	15.8	0.15	K129U	342.566	329.984	65.660	3.775	0.16612	3.01469	7 X
K07TW2O	16.6	0.15	K129U	1.950	188.844	184.351	9.822	0.09984	2.96664	3 X
K07TY4O	16.1	0.15	K129U	323.491	249.106	164.527	6.597	0.10423	3.03466	8 X
K07TZ3J	16.6	0.15	K129U	335.750	0.928	44.215	2.920	0.09254	2.94438	7 X
K07Ta3S	15.5	0.15	K129U	41.855	272.498	61.873	12.617	0.07865	3.10126	4 X
K07Tc1Z	15.8	0.15	K129U	201.186	113.247	59.822	6.489	0.09543	3.09140	5 X
K07Tc2G	16.0	0.15	K129U	347.966	200.740	187.087	9.899	0.11859	3.08119	4 X
K07Tc6R	17.3	0.15	K129U	341.664	16.425	29.479	0.971	0.17830	3.00739	3 X
K07Td3G	16.6	0.15	K129U	108.650	264.474	8.121	7.061	0.04305	2.74619	4 X
K07Td9H	16.5	0.15	K129U	24.276	68.540	266.523	3.609	0.11574	3.06174	7 X
K07Te5N	16.0	0.15	K129U	46.567	285.858	38.093	10.636	0.08185	3.05300	4 X
K07Tf0C	17.2	0.15	K129U	316.898	57.057	30.586	16.350	0.26029	2.98958	4 X
K07Tf4D	16.3	0.15	K129U	341.773	6.836	30.911	6.234	0.21695	3.00776	4 X
K07Tg9D	16.6	0.15	K129U	58.291	48.666	240.498	3.357	0.14680	3.10060	5 X
K07Tg9Q	16.3	0.15	K129U	315.039	218.268	216.768	9.800	0.04913	3.00638	3 X
K07Th2L	16.3	0.15	K129U	356.353	191.062	194.554	3.073	0.07641	2.96462	5 X
K07Ti1F	16.0	0.15	K129U	28.910	270.217	80.533	4.744	0.07922	2.90789	6 X
K07Ti3R	15.8	0.15	K129U	287.044	82.436	19.401	10.692	0.05954	3.04544	6 X
K07Ti5T	15.8	0.15	K129U	261.527	78.351	33.170	14.609	0.04377	3.12466	6 X
K07Ti9Y	16.4	0.15	K129U	8.921	150.801	202.409	8.776	0.05936	3.13968	4 X

K07Tj0E	16.7	0.15	K129U	270.987	234.329	223.145	9.187	0.20542	3.11821	2	X
K07Tj2L	16.7	0.15	K129U	43.500	326.158	23.346	5.597	0.13058	2.90887	6	X
K07U01Z	21.1	0.15	K129U	357.181	6.023	23.977	11.886	0.53597	2.90571	3	X
K07U05H	18.3	0.15	K129U	350.503	10.862	5.319	21.276	0.05950	1.85455	2	X
K07U08C	15.2	0.15	K129U	35.324	73.776	268.415	7.721	0.09560	2.97705	5	X
K07U26A	15.9	0.15	K129U	355.760	156.045	217.103	8.400	0.06042	3.09933	3	X
K07U36S	16.2	0.15	K129U	40.506	306.247	19.192	10.415	0.09445	3.03173	4	X
K07U41V	16.7	0.15	K129U	252.136	118.514	15.566	10.548	0.05596	3.02432	4	X
K07U48P	15.5	0.15	K129U	10.700	299.679	67.903	11.507	0.11208	3.07512	7	X
K07U51D	16.0	0.15	K129U	20.380	172.433	197.110	11.395	0.13323	2.99332	3	X
K07U54J	16.3	0.15	K129U	314.112	58.015	14.433	1.673	0.15981	3.04431	4	X
K07U55P	16.4	0.15	K129U	305.038	240.298	224.249	7.879	0.25133	2.99157	4	X
K07U57M	16.0	0.15	K129U	168.837	350.119	222.455	9.848	0.11261	3.04019	5	X
K07U58H	15.9	0.15	K129U	97.589	216.191	51.054	9.066	0.13434	3.07584	4	X
K07U60X	16.5	0.15	K129U	335.244	329.142	72.289	2.633	0.20838	3.06920	3	X
K07U63H	17.2	0.15	K129U	315.502	35.987	34.326	4.774	0.16172	2.98411	4	X
K07U77E	16.7	0.15	K129U	353.369	46.887	327.242	1.491	0.17086	3.06137	4	X
K07U81J	16.5	0.15	K129U	307.782	276.469	160.142	4.650	0.11296	2.95017	4	X
K07U82Y	16.5	0.15	K129U	309.387	38.773	41.031	1.432	0.18009	3.05124	5	X
K07U85Z	16.2	0.15	K129U	338.158	327.989	69.243	3.577	0.09819	3.07746	6	X
K07U87J	15.9	0.15	K129U	240.593	102.682	45.559	11.658	0.10966	3.11476	4	X
K07U89B	16.3	0.15	K129U	254.541	77.657	46.748	5.286	0.09354	3.13053	6	X
K07U91Q	16.3	0.15	K129U	34.442	288.406	49.692	3.997	0.11253	3.04500	3	X
K07UA1K	16.4	0.15	K129U	13.444	125.217	235.984	16.809	0.17295	3.04011	2	X
K07UA3P	15.8	0.15	K129U	339.654	334.357	69.761	11.546	0.08091	3.08900	3	X
K07UA3Y	16.5	0.15	K129U	316.922	269.813	155.470	2.429	0.13618	3.12411	4	X
K07UA8H	16.0	0.15	K129U	286.827	52.314	41.070	9.233	0.08951	3.08377	5	X
K07UB4C	16.8	0.15	K129U	14.763	88.628	262.766	3.920	0.25665	3.00045	2	X
K07UB4F	16.0	0.15	K129U	76.305	256.439	38.622	11.572	0.08887	3.05688	4	X
K07UB5A	15.9	0.15	K129U	321.310	186.103	245.523	8.753	0.06223	3.00418	6	X
K07UB5J	16.0	0.15	K129U	14.767	117.454	239.961	8.306	0.15713	3.03626	3	X
K07UC6Q	16.4	0.15	K129U	309.723	205.816	243.728	9.751	0.08350	3.05261	4	X
K07UD0L	16.2	0.15	K129U	248.701	145.352	5.113	6.661	0.14418	3.04754	4	X
K07UD1R	16.4	0.15	K129U	55.646	96.355	232.670	7.259	0.03500	3.03492	5	X
K07UD4R	16.6	0.15	K129U	291.880	241.722	222.104	5.857	0.13955	3.05476	6	X
K07UD5G	17.0	0.15	K129U	317.488	187.750	225.437	1.686	0.08930	3.00981	3	X
K07UD7R	16.1	0.15	K129U	173.961	326.783	231.360	9.046	0.02210	3.14073	4	X
K07UD7S	15.8	0.15	K129U	280.311	275.011	192.937	10.957	0.12987	3.12998	6	X
K07UE0C	15.9	0.15	K129U	319.778	179.294	241.459	9.621	0.05381	3.05326	4	X
K07UE1C	15.9	0.15	K129U	268.887	271.277	202.021	9.092	0.09527	3.10814	4	X
K07V02T	16.1	0.15	K129U	355.119	323.150	53.534	3.773	0.15064	3.06575	8	X
K07V09G	16.3	0.15	K129U	344.438	238.626	152.283	5.973	0.14188	3.07585	6	X
K07V25U	16.1	0.15	K129U	75.508	280.391	11.285	9.093	0.12961	2.92285	4	X
K07V28N	16.2	0.15	K129U	317.192	53.521	28.299	7.730	0.18809	2.98248	4	X
K07V30H	16.5	0.15	K129U	332.422	166.271	230.419	2.549	0.08312	2.99569	6	X
K07V30X	16.0	0.15	K129U	299.721	184.286	246.368	9.723	0.20785	3.12720	3	X
K07V46H	16.8	0.15	K129U	14.679	36.748	301.983	4.404	0.19737	3.07695	3	X
K07V46L	16.7	0.15	K129U	328.695	112.960	293.798	4.037	0.15258	3.06328	4	X
K07V48L	16.0	0.15	K129U	348.161	14.154	15.621	7.061	0.13724	3.04458	4	X
K07V50U	16.2	0.15	K129U	188.004	149.426	32.550	11.671	0.04366	3.15589	5	X
K07V52H	15.9	0.15	K129U	306.493	43.973	38.793	10.905	0.09572	3.05318	3	X
K07V59Q	16.1	0.15	K129U	24.409	58.054	290.116	3.491	0.14487	3.07633	5	X
K07V63K	16.4	0.15	K129U	325.482	65.622	356.389	0.283	0.14986	3.09258	7	X
K07V64S	16.1	0.15	K129U	333.433	354.303	54.820	5.202	0.08598	3.13583	6	X
K07V85P	16.8	0.15	K129U	28.526	132.779	228.198	14.364	0.15733	2.85813	2	W
K07V86W	15.8	0.15	K129U	298.788	108.874	340.941	7.128	0.19034	3.05739	7	X
K07V86Z	15.9	0.15	K129U	37.631	329.152	11.247	10.364	0.10598	2.98478	4	X
K07V87F	15.2	0.15	K129U	69.293	277.385	27.590	13.362	0.03308	3.07044	4	X
K07V96T	16.7	0.15	K129U	327.049	73.819	342.834	4.293	0.16693	3.04784	3	X
K07VA4D	16.4	0.15	K129U	12.019	37.068	307.488	1.132	0.25729	3.06362	6	X
K07VB4S	15.5	0.15	K129U	38.367	254.931	77.503	9.806	0.06081	3.16867	3	X
K07VB5D	16.4	0.15	K129U	3.894	149.266	217.270	4.463	0.16091	3.11896	4	X
K07VC1X	16.0	0.15	K129U	97.510	23.289	254.128	9.094	0.15951	3.01789	4	X
K07VD2D	17.0	0.15	K129U	282.434	98.952	24.206	4.237	0.19299	2.96696	3	X
K07VD3T	15.5	0.15	K129U	349.961	39.619	338.834	10.282	0.14998	3.06342	4	X
K07VD3X	16.3	0.15	K129U	320.682	62.002	10.803	9.730	0.10033	3.00336	4	X
K07VD8K	16.8	0.15	K129U	297.026	200.761	242.243	8.604	0.07430	3.03621	2	X
K07VE2Y	16.4	0.15	K129U	334.633	198.275	217.156	5.472	0.14759	3.04786	5	X
K07VF4E	16.0	0.15	K129U	351.124	314.632	78.664	4.286	0.20484	3.03251	4	X
K07VF5Q	16.4	0.15	K129U	12.767	325.037	33.241	11.728	0.11003	3.06084	4	X
K07VF7R	16.4	0.15	K129U	312.682	189.622	215.684	11.990	0.11382	3.21742	2	X
K07VG1O	16.2	0.15	K129U	244.340	117.678	23.242	5.894	0.02543	3.10142	5	X
K07VG7A	15.8	0.15	K129U	73.192	81.649	242.984	16.050	0.14722	2.93044	6	X
K07VG9P	16.5	0.15	K129U	330.935	332.850	83.205	10.597	0.08718	3.13375	4	X
K07VH0Y	16.5	0.15	K129U	284.978	89.399	18.924	8.574	0.06273	3.01462	4	X
K07VH4G	16.4	0.15	K129U	6.629	316.950	51.174	10.807	0.25221	2.93999	4	X
K07VI3M	16.0	0.15	K129U	305.622	159.616	279.949	7.849	0.22113	3.10323	4	X

K07VJ7V	16.8	0.15	K129U	349.736	157.780	269.810	5.072	0.26658	3.04262	4	X
K07VK2F	15.8	0.15	K129U	321.855	33.857	33.344	12.387	0.13975	3.05761	4	X
K07VK3Z	16.1	0.15	K129U	121.435	35.901	207.447	10.531	0.05873	3.17280	3	X
K07VK7C	15.2	0.15	K129U	158.801	147.779	73.260	12.806	0.08401	3.07763	7	X
K07VL5S	16.4	0.15	K129U	344.370	84.281	308.053	2.313	0.22219	3.06806	3	X
K07VL9G	15.6	0.15	K129U	335.282	353.727	60.728	6.498	0.12805	3.09033	6	X
K07VM6Q	15.7	0.15	K129U	274.951	106.173	3.634	7.456	0.12174	3.07099	3	X
K07VN3T	16.6	0.15	K129U	298.409	357.672	86.848	2.671	0.17065	3.14288	3	X
K07VN5Z	17.2	0.15	K129U	322.512	145.703	275.691	3.786	0.10144	3.01472	3	X
K07VQ3T	15.4	0.15	K129U	13.388	293.299	67.830	9.674	0.10420	3.08919	6	X
K07VP3E	16.0	0.15	K129U	353.342	293.542	98.240	11.351	0.10979	3.02044	7	X
K07VP4K	15.5	0.15	K129U	292.881	32.630	98.869	16.366	0.20861	2.97377	6	X
K07VP4O	17.0	0.15	K129U	358.906	44.555	335.002	7.604	0.08967	3.03091	4	X
K07VP5E	16.6	0.15	K129U	24.039	143.107	203.888	14.632	0.15493	2.85707	5	X
K07VQ3E	15.9	0.15	K129U	326.760	164.269	258.135	6.929	0.13702	3.06024	4	X
K07VQ7F	17.4	0.15	K129U	31.171	123.712	210.693	20.644	0.12533	1.88122	3	X
K07VQ8R	16.0	0.15	K129U	297.060	310.983	151.522	3.009	0.16510	3.02248	6	X
K07VR5J	17.0	0.15	K129U	355.375	259.863	116.987	0.400	0.19865	3.09278	5	X
K07VS7D	16.0	0.15	K129U	342.926	201.980	201.549	8.943	0.13551	3.01962	2	X
K07VT1R	16.4	0.15	K129U	49.876	81.842	242.246	8.972	0.11498	3.12929	3	X
K07VT5H	16.8	0.15	K129U	317.977	216.234	234.325	9.585	0.09970	2.92255	2	X
K07VU6L	16.0	0.15	K129U	93.690	265.817	25.565	10.704	0.01420	3.03939	5	X
K07VV3N	15.5	0.15	K129U	271.499	167.546	301.479	7.441	0.03645	3.03465	7	X
K07VV8W	16.0	0.15	K129U	24.253	89.944	255.731	8.329	0.10176	3.06027	4	X
K07VW0A	16.8	0.15	K129U	322.711	173.066	253.208	10.728	0.15106	3.01413	2	X
K07VW1H	16.0	0.15	K129U	348.749	93.883	302.812	3.516	0.14179	3.07683	4	X
K07VW6Z	16.5	0.15	K129U	283.766	246.775	228.826	4.238	0.10306	3.07787	6	X
K07VX0Z	16.2	0.15	K129U	290.715	229.770	237.828	4.238	0.13182	3.07889	6	X
K07VX4V	15.7	0.15	K129U	263.915	48.443	76.179	10.368	0.06323	3.16891	4	X
K07W00U	16.1	0.15	K129U	7.005	312.672	60.951	11.470	0.11578	3.03002	4	X
K07W03G	15.9	0.15	K129U	332.867	54.878	357.316	8.392	0.08215	3.00740	5	X
K07W07E	16.3	0.15	K129U	335.735	60.098	341.480	4.657	0.15306	3.08888	4	X
K07W08H	16.1	0.15	K129U	273.815	85.993	35.758	10.211	0.20057	3.12541	5	X
K07W08O	16.2	0.15	K129U	336.341	81.159	354.775	2.677	0.16484	2.97627	6	X
K07W35C	16.0	0.15	K129U	45.169	281.094	45.939	9.734	0.06619	3.16753	3	X
K07W45D	15.3	0.15	K129U	266.326	128.142	339.569	8.822	0.06165	3.15955	7	X
K07W45Y	16.1	0.15	K129U	337.335	39.376	34.722	11.382	0.09284	2.92061	4	X
K07X14R	16.9	0.15	K129U	336.005	0.847	56.011	2.546	0.17917	3.07174	4	X
K07X27D	15.2	0.15	K129U	24.777	83.163	266.787	19.485	0.05812	3.22974	5	X
K07X49Q	16.1	0.15	K129U	326.314	133.215	276.283	1.938	0.21292	3.27384	4	X
K07X55B	16.7	0.15	K129U	308.809	59.594	32.563	1.804	0.15434	3.09963	5	X
K07Y16O	16.5	0.15	K129U	313.013	146.750	305.974	1.225	0.04943	3.06270	3	X
K07Y60J	15.9	0.15	K129U	333.614	66.190	11.820	10.328	0.15983	3.08740	5	X
K07Y63D	15.9	0.15	K129U	37.387	63.139	302.613	19.661	0.10534	3.23031	4	X
K08A06D	16.0	0.15	K129U	191.360	301.871	249.463	9.562	0.02171	3.14955	6	X
K08A27G	17.5	0.15	K129U	225.457	209.903	303.518	17.150	0.05853	1.97561	3	X
K08A29G	15.6	0.15	K129U	326.229	307.341	150.648	17.908	0.25067	3.10407	5	X
K08A52M	17.0	0.15	K129U	348.815	155.592	225.131	2.041	0.21078	3.07551	2	X
K08A87O	15.7	0.15	K129U	349.191	292.494	118.235	17.159	0.12352	3.18817	3	X
K08A89J	16.1	0.15	K129U	346.783	294.892	122.253	15.317	0.10390	3.17326	6	X
K08B41N	16.0	0.15	K129U	319.316	149.899	321.523	18.229	0.18170	3.14723	3	X
K08C64U	15.0	0.15	K129U	99.255	9.317	250.238	3.333	0.04857	3.97642	6	X
K08C72O	17.1	0.15	K129U	338.050	61.302	19.600	11.735	0.45195	3.05127	3	X
K08C77X	15.8	0.15	K129U	323.213	307.691	156.487	17.101	0.26044	3.15018	6	X
K08CI1M	17.5	0.15	K129U	191.392	252.511	322.944	16.293	0.07214	1.97033	4	X
K08CJ1D	17.9	0.15	K129U	71.695	137.318	139.640	7.437	0.25687	2.13548	3	X
K08D12H	16.5	0.15	K129U	353.617	84.194	333.876	15.150	0.25796	3.14711	5	X
K08E39Q	13.6	0.15	K129U	48.587	38.759	260.421	4.568	0.21014	5.17974	7	X
K08EC1C	17.6	0.15	K129U	50.035	283.757	18.008	4.853	0.18271	2.17995	4	X
K08ED0R	15.3	0.15	K129U	228.514	19.180	134.658	6.062	0.12105	3.96303	5	X
K08F56Q	18.7	0.15	K129U	46.957	122.175	170.971	3.912	0.25171	2.25202	3	X
K08FA0K	13.8	0.15	K129U	50.298	196.200	112.531	7.132	0.12094	5.25316	5	X
K08FB7M	18.1	0.15	K129U	38.525	300.155	22.136	7.555	0.05340	2.16265	5	X
K08FC9Y	14.4	0.15	K129U	68.050	260.172	24.514	15.411	0.14292	5.17298	4	X
K08G06W	13.5	0.15	K129U	80.431	233.463	48.342	9.606	0.12939	5.17564	7	X
K08G78A	14.1	0.15	K129U	52.581	188.254	126.221	6.756	0.12406	5.22881	5	X
K08G86L	18.0	0.15	K129U	56.549	278.038	19.482	8.433	0.21028	2.20439	4	X
K08G86T	17.4	0.15	K129U	63.944	178.548	110.220	4.603	0.21850	2.21234	4	X
K08G89D	18.6	0.15	K129U	99.242	88.071	164.305	1.996	0.17845	2.20010	4	X
K08GA4S	15.0	0.15	K129U	286.558	290.412	174.083	9.257	0.17576	3.96436	7	X
K08GD2G	13.8	0.15	K129U	98.289	164.044	97.066	6.814	0.07267	5.30724	4	X
K08GD4Y	18.3	0.15	K129U	64.628	123.363	158.702	4.365	0.20091	2.28438	4	X
K08GE1M	13.9	0.15	K129U	198.937	335.548	189.037	19.365	0.03308	5.32120	4	X
K08H13D	14.2	0.15	K129U	86.525	227.463	36.349	5.511	0.16596	5.23292	5	X
K08H21F	18.4	0.15	K129U	55.590	157.016	141.509	3.235	0.14898	2.25886	5	X
K08H21R	13.8	0.15	K129U	82.206	239.143	52.808	12.183	0.09468	5.19075	7	X
K08H21W	17.9	0.15	K129U	53.302	81.108	213.707	3.740	0.17523	2.27524	5	X

K08H41A	18.8	0.15	K129U	98.820	56.405	195.540	2.374	0.12576	2.19380	3	X
K08H54B	18.2	0.15	K129U	69.768	73.712	202.027	5.089	0.16244	2.27148	3	X
K08H61P	17.7	0.15	K129U	82.227	37.078	234.485	2.621	0.16143	2.23897	5	X
K08J10F	17.7	0.15	K129U	32.305	109.635	222.458	6.882	0.19679	2.24463	5	X
K08J27L	13.5	0.15	K129U	66.969	90.912	209.748	22.566	0.04256	5.23632	3	X
K08K08V	14.1	0.15	K129U	61.762	86.789	224.085	11.160	0.07284	5.23990	4	X
K08K37Z	13.4	0.15	K129U	57.143	109.688	214.736	28.405	0.06438	5.13732	6	X
K08N02R	16.9	0.15	K129U	48.777	358.832	303.106	4.198	0.17341	2.41082	5	X
K08O00U	17.3	0.15	K129U	26.710	31.977	294.544	4.822	0.16231	2.40907	4	X
K08P11A	16.9	0.15	K129U	13.690	305.269	40.181	12.384	0.30542	2.43280	4	X
K08Q02B	17.1	0.15	K129U	69.416	333.347	315.846	4.241	0.21762	2.41198	4	X
K08Q06U	17.9	0.15	K129U	86.457	57.381	215.627	1.183	0.20159	2.38933	6	X
K08Q07P	17.7	0.15	K129U	30.906	287.947	36.643	3.194	0.19700	2.44649	2	X
K08Q14B	18.0	0.15	K129U	19.975	34.710	324.771	2.800	0.09605	2.39864	4	X
K08Q17N	16.8	0.15	K129U	102.436	300.694	346.633	5.802	0.09948	2.36039	6	X
K08Q26Y	17.4	0.15	K129U	30.675	290.157	36.441	3.282	0.22311	2.44895	3	X
K08Q35N	16.5	0.15	K129U	39.629	306.391	26.743	23.835	0.29108	2.41010	3	X
K08Q36L	16.9	0.15	K129U	4.279	14.744	345.420	6.672	0.15697	2.46064	5	X
K08Q36O	18.3	0.15	K129U	82.908	16.583	246.172	1.738	0.16876	2.43101	3	X
K08Q39F	16.6	0.15	K129U	172.037	337.746	211.942	4.295	0.13820	2.54198	6	X
K08Q40F	17.5	0.15	K129U	2.772	64.318	333.296	2.131	0.19254	2.40056	5	X
K08Q45T	17.0	0.15	K129U	25.541	168.315	168.656	7.238	0.16100	2.44762	5	X
K08Q48G	17.8	0.15	K129U	29.818	63.183	269.248	0.509	0.18767	2.47488	4	X
K08R00F	17.4	0.15	K129U	26.424	327.973	29.890	5.608	0.24248	2.40985	4	X
K08R00G	17.3	0.15	K129U	9.569	240.601	121.270	5.447	0.21345	2.47098	3	X
K08R01N	17.0	0.15	K129U	13.157	334.408	45.856	6.823	0.22624	2.38867	4	X
K08R04B	17.2	0.15	K129U	169.894	260.526	305.714	1.812	0.12978	2.42545	7	X
K08R21A	18.2	0.15	K129U	65.324	49.209	234.204	1.888	0.13909	2.51625	4	X
K08R24C	16.2	0.15	K129U	284.218	83.973	319.322	10.524	0.06723	2.75967	5	X
K08R25N	18.2	0.15	K129U	34.465	44.514	286.960	0.323	0.19384	2.41543	3	X
K08R26R	16.5	0.15	K129U	56.563	311.198	38.903	38.298	0.13027	2.28955	3	X
K08R34J	17.0	0.15	K129U	241.618	307.107	197.309	5.075	0.09681	2.44302	6	X
K08R35S	16.5	0.15	K129U	233.958	146.809	347.792	5.200	0.04043	2.51310	5	X
K08R41W	17.2	0.15	K129U	250.568	133.997	3.945	6.533	0.08106	2.45506	4	X
K08R72A	17.5	0.15	K129U	56.563	145.705	161.797	6.627	0.14110	2.40034	5	X
K08R80Y	16.3	0.15	K129U	348.766	155.699	246.727	5.641	0.33359	2.60470	6	X
K08R95K	16.8	0.15	K129U	5.716	132.499	227.846	4.274	0.12017	2.45493	6	X
K08RB0A	18.2	0.15	K129U	333.373	191.920	229.005	2.376	0.17570	2.43487	5	X
K08RB1W	16.7	0.15	K129U	325.740	98.040	275.319	2.878	0.18670	2.68659	7	X
K08RB1Y	17.2	0.15	K129U	255.782	184.981	341.653	4.918	0.13773	2.34279	5	X
K08RB4B	17.3	0.15	K129U	343.898	54.736	352.552	6.386	0.13520	2.40894	5	X
K08RB4T	16.3	0.15	K129U	90.227	234.979	25.162	11.411	0.19171	2.59835	4	X
K08RB5F	16.7	0.15	K129U	337.643	198.291	211.472	7.180	0.18028	2.59201	3	X
K08RB8T	17.2	0.15	K129U	317.446	37.529	34.441	2.619	0.09519	2.63220	4	X
K08RB9W	16.5	0.15	K129U	135.755	205.414	14.284	12.714	0.11059	2.56483	5	X
K08RD5P	17.1	0.15	K129U	5.063	21.042	14.159	7.112	0.11264	2.38633	4	X
K08RD9R	17.8	0.15	K129U	34.807	288.282	34.695	2.901	0.19878	2.45121	4	X
K08RE6X	16.8	0.15	K129U	301.146	32.718	62.640	4.020	0.12946	2.66674	6	X
K08S09M	16.6	0.15	K129U	50.027	350.595	351.181	7.434	0.13086	2.35878	5	X
K08S28P	17.0	0.15	K129U	77.183	327.685	349.613	6.486	0.11454	2.38288	7	X
K08S29U	16.7	0.15	K129U	67.099	176.238	4.055	14.357	0.14741	2.56459	4	X
K08S31M	16.7	0.15	K129U	346.851	250.948	249.735	6.314	0.02902	2.46220	7	X
K08S32N	17.2	0.15	K129U	111.071	320.068	305.892	5.491	0.10400	2.44210	6	X
K08S33X	17.0	0.15	K129U	79.139	309.542	350.333	6.431	0.23110	2.37612	4	X
K08S38D	17.8	0.15	K129U	7.790	13.729	352.941	3.243	0.25832	2.46226	2	X
K08S40Y	17.4	0.15	K129U	349.152	22.498	15.265	3.116	0.19811	2.45267	5	X
K08S43T	16.9	0.15	K129U	270.952	97.247	7.471	2.710	0.04713	2.56933	5	X
K08S54L	18.2	0.15	K129U	5.478	351.068	10.066	4.018	0.22158	2.52771	5	X
K08S55R	17.5	0.15	K129U	339.698	31.443	11.252	12.994	0.22709	2.53334	4	X
K08S56D	16.4	0.15	K129U	52.852	268.968	20.324	11.515	0.30766	2.54049	5	X
K08S57T	16.3	0.15	K129U	96.826	231.228	27.978	15.096	0.16964	2.58012	4	X
K08S57Z	16.8	0.15	K129U	337.600	4.379	31.381	4.705	0.15482	2.58552	4	X
K08S60Y	17.5	0.15	K129U	7.886	139.325	252.173	2.205	0.20646	2.41781	7	X
K08S63B	17.7	0.15	K129U	51.729	354.382	334.071	2.264	0.22307	2.40290	5	X
K08S74A	18.6	0.15	K129U	351.585	91.970	290.218	1.123	0.23338	2.52953	3	X
K08S74L	16.4	0.15	K129U	318.388	179.726	259.352	6.708	0.11613	2.48220	4	X
K08S76F	17.8	0.15	K129U	63.583	77.564	220.762	2.757	0.19884	2.44766	4	X
K08S80Q	16.1	0.15	K129U	18.414	338.823	12.140	13.510	0.16794	2.56313	3	X
K08S88J	17.5	0.15	K129U	310.338	48.027	16.820	8.922	0.11047	2.57073	6	X
K08S94F	17.2	0.15	K129U	304.259	236.914	220.929	5.781	0.10526	2.47095	5	X
K08S94N	17.9	0.15	K129U	27.779	13.799	328.153	2.638	0.14466	2.46152	3	X
K08S99P	16.9	0.15	K129U	254.896	74.168	60.082	6.345	0.09809	2.55488	7	X
K08SA1E	17.6	0.15	K129U	45.641	168.117	141.174	4.790	0.17016	2.56477	4	X
K08SA3D	16.5	0.15	K129U	323.610	209.429	204.087	14.469	0.08657	2.60120	5	X
K08SA4J	16.8	0.15	K129U	337.695	11.832	23.331	5.259	0.16069	2.59540	7	X
K08SB6G	17.2	0.15	K129U	298.700	283.288	163.019	4.127	0.14108	2.57359	3	X
K08SB6R	17.4	0.15	K129U	303.376	214.732	216.527	3.957	0.03887	2.56694	5	X

K08SB6Z	16.6	0.15	K129U	136.393	21.617	205.796	14.305	0.23162	2.54902	4	X
K08SB8W	17.6	0.15	K129U	305.076	255.376	198.316	5.402	0.21943	2.55041	5	X
K08SC0P	16.9	0.15	K129U	48.829	127.821	186.321	2.843	0.06821	2.59437	7	X
K08SC1B	17.4	0.15	K129U	98.659	273.669	7.402	3.773	0.04640	2.51242	4	X
K08SC3A	17.1	0.15	K129U	330.267	205.801	203.495	14.671	0.11692	2.56446	3	X
K08SC7Y	16.2	0.15	K129U	186.431	183.071	16.911	15.426	0.05094	2.53265	5	X
K08SC8O	17.1	0.15	K129U	20.671	133.832	0.791	5.029	0.16224	2.52786	5	X
K08SC9H	16.7	0.15	K129U	254.903	131.000	357.929	3.855	0.11655	2.61172	5	X
K08SC9P	17.0	0.15	K129U	326.021	160.911	246.645	3.157	0.11017	2.60875	6	X
K08SD0R	17.9	0.15	K129U	341.436	43.085	347.746	3.478	0.16951	2.58957	3	X
K08SD7K	18.3	0.15	K129U	11.781	120.251	242.785	4.001	0.17811	2.53269	4	X
K08SE3Z	16.8	0.15	K129U	299.169	245.178	201.183	12.941	0.16320	2.61861	4	X
K08SE9H	17.2	0.15	K129U	66.882	66.427	208.998	13.782	0.19884	2.53585	7	X
K08SF6O	16.7	0.15	K129U	6.438	175.996	185.272	14.250	0.33012	2.55343	4	X
K08SI0M	17.4	0.15	K129U	321.004	234.489	198.039	11.983	0.20941	2.53847	4	X
K08SI1E	17.9	0.15	K129U	16.439	151.539	198.945	27.667	0.15747	2.55221	2	X
K08SI2N	18.6	0.15	K129U	11.097	193.826	162.075	2.616	0.23791	2.54228	3	X
K08SI3W	17.2	0.15	K129U	40.049	150.500	161.130	3.590	0.21250	2.56501	5	X
K08SI4K	16.8	0.15	K129U	335.746	347.776	41.483	14.797	0.25049	2.68825	2	X
K08SJ0X	16.7	0.15	K129U	22.449	346.134	349.813	9.569	0.10483	2.53636	6	X
K08SJ3F	17.4	0.15	K129U	286.191	19.179	77.948	5.171	0.11869	2.57559	3	X
K08SJ3T	18.0	0.15	K129U	43.556	207.670	103.990	4.524	0.14625	2.57842	4	X
K08SJ5B	17.8	0.15	K129U	35.710	286.269	35.907	2.110	0.19664	2.57303	5	X
K08SJ5D	17.1	0.15	K129U	75.737	94.447	197.377	4.774	0.09498	2.57568	5	X
K08SK1B	17.3	0.15	K129U	338.981	94.854	298.180	1.777	0.13055	2.59185	4	X
K08SK2X	17.4	0.15	K129U	29.699	294.870	28.999	7.767	0.15680	2.62029	3	X
K08SK3X	17.6	0.15	K129U	65.405	249.196	46.800	12.354	0.18472	2.55968	4	X
K08SK5Q	17.2	0.15	K129U	298.685	274.792	171.976	6.303	0.18226	2.62410	4	X
K08SK8V	17.0	0.15	K129U	357.121	299.327	80.442	3.342	0.22491	2.60776	5	X
K08SK9O	18.2	0.15	K129U	9.265	18.790	1.525	3.523	0.24044	2.44693	3	X
K08SL1O	17.0	0.15	K129U	304.490	358.932	79.640	4.380	0.08910	2.67114	5	X
K08SL7Q	17.8	0.15	K129U	2.633	268.393	102.438	2.544	0.09317	2.58214	4	X
K08SL8W	17.0	0.15	K129U	36.477	343.386	338.130	5.323	0.07481	2.53170	6	X
K08SM3Z	17.7	0.15	K129U	300.291	348.067	99.230	2.719	0.20531	2.52758	4	X
K08SN5T	17.3	0.15	K129U	342.635	23.961	14.741	2.310	0.08723	2.65857	4	X
K08SN9V	17.0	0.15	K129U	36.379	256.628	51.950	6.832	0.25948	2.56687	3	X
K08SO0D	17.2	0.15	K129U	24.579	290.282	47.906	10.907	0.12064	2.57038	4	X
K08SO4D	17.2	0.15	K129U	110.548	277.510	345.270	6.136	0.09086	2.45709	5	X
K08SO6B	16.4	0.15	K129U	332.296	70.978	318.647	12.110	0.17049	2.61544	3	X
K08SO6G	17.0	0.15	K129U	72.925	353.779	318.167	5.455	0.14669	2.38018	7	X
K08SO9R	16.9	0.15	K129U	66.035	11.415	262.428	4.750	0.20445	2.54504	5	X
K08SP3E	18.6	0.15	K129U	7.857	187.358	165.166	5.512	0.31200	2.54381	2	X
K08SP3W	17.0	0.15	K129U	135.735	161.203	69.720	4.856	0.07285	2.54692	6	X
K08SQ6E	16.8	0.15	K129U	4.679	175.276	193.874	15.613	0.27429	2.56570	4	X
K08SQ6W	16.2	0.15	K129U	2.915	60.267	289.660	10.304	0.20181	2.63417	5	X
K08SQ7N	17.9	0.15	K129U	347.235	93.728	293.459	3.438	0.24762	2.56058	3	X
K08SR9F	16.7	0.15	K129U	141.428	200.171	35.178	9.510	0.08394	2.54913	4	X
K08SS2A	16.2	0.15	K129U	288.648	212.928	225.389	10.642	0.15725	2.68563	5	X
K08SS6U	16.4	0.15	K129U	6.482	57.632	288.521	10.741	0.14459	2.57350	4	X
K08ST5F	17.5	0.15	K129U	7.381	6.455	334.317	17.885	0.20728	2.58902	3	X
K08ST8K	16.8	0.15	K129U	327.486	54.311	356.793	10.219	0.13619	2.55456	5	X
K08SU3Q	18.2	0.15	K129U	12.151	48.831	330.416	6.099	0.18635	2.45298	3	X
K08SU8H	17.0	0.15	K129U	68.616	57.092	253.314	5.912	0.24226	2.48006	5	X
K08SU9S	16.8	0.15	K129U	353.757	119.374	256.943	1.924	0.21851	2.61160	5	X
K08SU9T	16.8	0.15	K129U	312.534	273.278	169.651	3.978	0.17751	2.60981	5	X
K08SU9X	16.4	0.15	K129U	8.021	266.919	101.976	5.489	0.13721	2.62849	6	X
K08SV0C	16.7	0.15	K129U	5.482	83.703	301.097	4.236	0.24852	2.57927	6	X
K08T06N	16.7	0.15	K129U	353.338	200.532	191.724	11.102	0.14507	2.54233	5	W
K08T06Y	16.2	0.15	K129U	169.506	197.628	8.454	6.149	0.09375	2.47251	6	X
K08T08B	18.2	0.15	K129U	7.436	329.150	31.440	7.237	0.18510	2.52235	3	X
K08T08H	17.8	0.15	K129U	15.082	285.314	54.758	4.462	0.28682	2.54305	3	X
K08T15W	17.1	0.15	K129U	78.077	342.173	331.200	3.666	0.11966	2.37669	4	X
K08T33R	16.7	0.15	K129U	157.299	78.281	132.636	2.326	0.10453	2.59791	5	X
K08T35Z	16.8	0.15	K129U	223.607	313.348	208.181	5.836	0.09168	2.46866	5	X
K08T38O	17.8	0.15	K129U	291.398	205.747	267.074	3.429	0.19962	2.54100	3	X
K08T39H	17.2	0.15	K129U	358.608	64.873	307.378	1.289	0.11971	2.57865	6	X
K08T44N	17.8	0.15	K129U	304.712	51.898	33.224	17.507	0.15651	2.59903	4	X
K08T47E	16.6	0.15	K129U	87.762	204.765	75.967	7.185	0.00994	2.64390	4	X
K08T64X	17.1	0.15	K129U	285.336	220.186	255.749	6.200	0.12269	2.45003	5	X
K08T64Z	17.6	0.15	K129U	337.850	85.376	315.346	4.622	0.22095	2.54071	4	X
K08T66O	17.4	0.15	K129U	8.317	304.005	53.087	4.961	0.14534	2.57876	6	X
K08T67V	17.4	0.15	K129U	267.063	54.563	60.924	4.599	0.15943	2.63978	4	X
K08T68W	17.4	0.15	K129U	47.508	261.973	61.240	5.166	0.04414	2.57079	5	X
K08T70P	18.9	0.15	K129U	15.116	157.850	177.351	6.390	0.31768	2.56761	2	X
K08T72F	17.0	0.15	K129U	59.989	264.805	47.228	16.027	0.06348	2.57040	5	X
K08T79S	16.6	0.15	K129U	294.027	62.459	36.399	13.619	0.18899	2.61330	4	X
K08T85W	17.8	0.15	K129U	50.769	306.479	13.200	6.333	0.10546	2.48274	4	X



K08T87G	17.8	0.15	K129U	313.801	70.470	354.403	3.382	0.16458	2.58262	4	X
K08T92A	16.1	0.15	K129U	307.975	91.940	326.060	21.125	0.11329	2.59512	3	X
K08TA2S	18.0	0.15	K129U	340.767	12.426	22.399	8.731	0.20872	2.55715	3	X
K08TA2T	16.8	0.15	K129U	344.534	186.530	198.927	8.517	0.16607	2.56823	5	X
K08TA6O	17.2	0.15	K129U	48.851	278.050	30.451	4.963	0.06683	2.61349	4	X
K08TB1L	15.8	0.15	K129U	324.178	176.696	223.337	11.115	0.17743	2.64246	5	X
K08TB2E	16.8	0.15	K129U	359.420	359.593	11.418	16.077	0.15122	2.56015	3	X
K08TB2G	17.5	0.15	K129U	342.234	76.624	331.325	3.431	0.24061	2.52362	4	X
K08TB5T	17.0	0.15	K129U	341.021	198.534	236.585	8.039	0.23940	2.44686	3	X
K08TB7V	16.6	0.15	K129U	351.651	339.751	45.680	13.458	0.18149	2.58557	6	X
K08TC2A	16.4	0.15	K129U	6.999	81.794	262.816	9.530	0.13679	2.59560	3	X
K08TD1U	17.5	0.15	K129U	345.496	91.647	300.922	2.999	0.21290	2.55267	3	X
K08TD5T	17.8	0.15	K129U	35.872	0.097	333.774	2.407	0.17740	2.52965	3	X
K08TD7O	17.1	0.15	K129U	307.433	222.949	214.240	10.852	0.17471	2.60394	3	X
K08TD8U	17.1	0.15	K129U	50.781	279.920	14.596	12.839	0.19202	2.61095	3	X
K08TD9U	17.2	0.15	K129U	7.897	87.362	266.619	2.380	0.15184	2.59122	5	X
K08TF1R	17.0	0.15	K129U	96.400	272.322	28.958	9.611	0.12134	2.35281	5	X
K08TG0X	16.8	0.15	K129U	120.335	192.722	55.613	8.597	0.12777	2.57303	5	X
K08TG5O	17.7	0.15	K129U	356.336	177.529	213.892	18.977	0.20382	2.54165	2	X
K08TG8L	17.0	0.15	K129U	333.558	175.306	173.206	2.792	0.09683	2.65440	6	X
K08TH2T	17.0	0.15	K129U	353.219	113.304	233.336	4.966	0.02320	2.69345	3	X
K08TH7A	17.1	0.15	K129U	320.767	240.907	188.942	9.466	0.20390	2.58718	3	X
K08TH7D	16.9	0.15	K129U	357.810	208.682	185.953	16.656	0.25166	2.52819	6	X
K08TI1H	17.4	0.15	K129U	290.031	42.992	78.371	13.971	0.24151	2.61988	4	X
K08TI6P	18.2	0.15	K129U	20.787	324.553	37.142	6.299	0.12796	2.48413	4	X
K08U05O	16.6	0.15	K129U	309.950	64.424	23.103	14.040	0.14338	2.57084	5	X
K08U13H	17.8	0.15	K129U	22.884	129.483	215.750	1.777	0.14076	2.51136	6	X
K08U16H	17.7	0.15	K129U	338.370	198.532	202.680	12.693	0.17523	2.53659	3	X
K08U17Z	17.7	0.15	K129U	316.042	28.230	31.160	5.941	0.12541	2.57729	3	X
K08U28H	16.8	0.15	K129U	136.761	26.951	217.245	16.289	0.07733	2.57954	5	X
K08U29R	17.4	0.15	K129U	20.652	133.543	211.502	7.746	0.23026	2.56901	4	X
K08U34A	16.7	0.15	K129U	59.712	237.789	59.383	8.982	0.17147	2.62118	4	X
K08U35F	18.0	0.15	K129U	336.792	16.550	25.484	4.411	0.22496	2.56134	3	X
K08U40P	17.2	0.15	K129U	15.025	335.846	33.049	6.854	0.17182	2.54013	5	X
K08U41G	16.7	0.15	K129U	353.495	344.742	41.031	8.383	0.18804	2.58575	5	X
K08U41J	17.8	0.15	K129U	310.096	148.899	275.841	1.198	0.12255	2.67098	3	X
K08U42V	17.2	0.15	K129U	65.127	236.363	71.983	4.082	0.06388	2.59755	6	X
K08U52L	16.0	0.15	K129U	281.907	253.071	233.687	13.576	0.04897	2.54962	5	X
K08U52S	16.8	0.15	K129U	80.697	228.501	62.147	5.257	0.08033	2.69753	5	X
K08U53O	16.9	0.15	K129U	49.997	262.889	55.727	4.885	0.10356	2.66343	4	X
K08U54G	16.1	0.15	K129U	88.612	203.285	62.904	9.193	0.16881	2.77809	4	X
K08U56X	17.8	0.15	K129U	324.265	169.951	259.017	1.345	0.18013	2.44848	5	X
K08U57L	16.2	0.15	K129U	8.386	306.411	53.769	6.028	0.04551	2.61120	7	X
K08U71K	16.3	0.15	K129U	47.828	294.760	36.051	11.743	0.14746	2.59096	4	X
K08U72K	16.8	0.15	K129U	6.940	358.190	25.404	7.774	0.27046	2.53670	5	X
K08U76V	17.6	0.15	K129U	337.695	169.708	239.193	11.170	0.20808	2.60778	2	X
K08U77B	17.0	0.15	K129U	329.140	144.341	283.432	1.627	0.19867	2.59111	4	X
K08U77P	16.5	0.15	K129U	73.297	64.790	242.173	13.621	0.17930	2.56916	5	X
K08U84X	17.9	0.15	K129U	309.153	345.386	91.881	2.136	0.13644	2.53606	5	X
K08U98A	16.6	0.15	K129U	335.267	209.479	202.906	13.112	0.18687	2.58389	3	X
K08U98O	16.7	0.15	K129U	338.347	245.365	168.087	5.138	0.32153	2.57667	3	X
K08UA8K	17.7	0.15	K129U	26.023	323.895	9.621	3.989	0.26780	2.59080	2	X
K08UB0W	17.1	0.15	K129U	52.351	336.902	358.460	5.854	0.13738	2.48452	4	X
K08UB2P	16.4	0.15	K129U	294.452	174.095	284.800	3.333	0.07299	2.55041	6	X
K08UB6E	16.9	0.15	K129U	350.836	59.129	334.889	4.531	0.08956	2.57921	4	X
K08UB6Y	16.8	0.15	K129U	247.451	161.440	340.770	4.635	0.04610	2.57849	5	X
K08UB8S	16.9	0.15	K129U	48.575	270.799	31.358	16.885	0.23636	2.62458	3	X
K08UB9R	16.6	0.15	K129U	349.129	184.177	236.675	13.792	0.08021	2.47754	3	X
K08UC1H	16.5	0.15	K129U	281.244	162.046	291.928	7.149	0.00098	2.66351	6	X
K08UC2Y	16.6	0.15	K129U	8.268	28.956	320.385	4.560	0.25990	2.62199	5	X
K08UC7H	17.3	0.15	K129U	1.001	315.472	58.666	5.344	0.17957	2.63759	4	X
K08UC7U	16.7	0.15	K129U	30.432	129.269	213.637	3.889	0.14146	2.64119	6	X
K08UC9E	16.9	0.15	K129U	38.602	23.616	276.374	3.028	0.28151	2.62202	5	X
K08UD1B	17.2	0.15	K129U	3.227	116.904	248.268	2.504	0.09038	2.62373	4	X
K08UD1P	17.8	0.15	K129U	43.542	272.732	33.148	4.930	0.22199	2.62368	4	X
K08UD2B	17.4	0.15	K129U	9.276	322.280	36.342	6.078	0.14174	2.60498	4	X
K08UD2P	17.5	0.15	K129U	303.198	233.776	223.294	9.347	0.14064	2.55954	4	X
K08UD7B	17.6	0.15	K129U	300.744	245.786	219.984	4.114	0.29703	2.60058	4	X
K08UE2B	16.6	0.15	K129U	23.293	297.485	47.137	3.541	0.20558	2.58450	7	X
K08UE3L	17.7	0.15	K129U	278.189	55.006	51.424	4.654	0.11585	2.64740	5	X
K08UE3N	17.6	0.15	K129U	340.627	189.699	204.114	3.574	0.20849	2.61448	2	X
K08UE4R	16.7	0.15	K129U	13.403	139.122	215.957	5.424	0.02828	2.66933	6	X
K08UE5V	17.3	0.15	K129U	4.581	308.296	59.663	4.447	0.24316	2.57594	3	X
K08UE7L	17.7	0.15	K129U	315.465	39.626	34.729	5.302	0.12743	2.61386	4	X
K08UE8H	17.2	0.15	K129U	324.350	63.268	356.360	0.747	0.10367	2.63287	5	X
K08UE8U	17.1	0.15	K129U	358.476	346.169	28.448	2.479	0.12038	2.64403	4	X
K08UE9D	16.7	0.15	K129U	358.729	326.545	40.719	3.344	0.29786	2.60569	5	X

K08UF4P	17.0	0.15	K129U	15.604	316.115	36.730	15.413	0.14062	2.56551	3	X
K08UF6L	17.6	0.15	K129U	4.908	326.887	43.515	6.377	0.13859	2.55263	3	X
K08UF7T	17.3	0.15	K129U	21.588	268.307	61.169	6.165	0.29427	2.63409	3	S
K08UF8Z	18.4	0.15	K129U	350.192	29.473	2.339	5.894	0.31658	2.58251	2	X
K08UF9V	16.6	0.15	K129U	46.661	305.643	26.637	4.750	0.27190	2.53582	7	X
K08UG0M	16.7	0.15	K129U	353.942	337.536	42.162	3.543	0.17138	2.65490	5	X
K08UG0S	16.9	0.15	K129U	355.013	318.286	56.860	7.375	0.08704	2.72122	3	X
K08UG2K	16.5	0.15	K129U	58.479	348.174	299.641	2.951	0.18082	2.63326	7	X
K08UG3H	17.5	0.15	K129U	63.351	78.449	225.710	14.275	0.14406	2.54783	5	X
K08UG6B	17.5	0.15	K129U	16.305	157.316	198.893	1.867	0.12121	2.58152	6	X
K08UG9E	17.0	0.15	K129U	348.074	191.136	204.841	7.377	0.17938	2.56507	7	X
K08UG9W	17.1	0.15	K129U	336.097	179.104	248.923	5.527	0.11512	2.44646	7	X
K08UH3C	16.7	0.15	K129U	60.569	256.051	42.364	13.750	0.19282	2.62450	3	X
K08UH3T	17.0	0.15	K129U	349.910	108.650	254.268	7.696	0.13464	2.63021	3	X
K08UH6L	17.1	0.15	K129U	306.389	106.777	336.730	1.863	0.07095	2.54732	5	X
K08UJ2H	17.0	0.15	K129U	3.979	278.081	90.041	3.565	0.19853	2.60170	4	X
K08UJ6V	17.6	0.15	K129U	268.497	265.392	221.588	5.476	0.10138	2.46143	4	X
K08UJ8L	16.8	0.15	K129U	340.399	183.962	170.660	3.812	0.20423	2.73731	4	X
K08UK2K	17.5	0.15	K129U	359.476	231.613	138.154	5.687	0.28769	2.56718	2	X
K08UK3W	16.4	0.15	K129U	240.676	261.562	237.822	10.413	0.04582	2.61332	5	X
K08UK3X	15.6	0.15	K129U	314.765	166.106	243.945	11.922	0.13415	2.67461	6	X
K08UK9H	17.0	0.15	K129U	338.140	145.618	256.073	1.861	0.12141	2.59188	5	X
K08UL2V	17.0	0.15	K129U	210.955	319.966	212.353	11.489	0.07543	2.63237	4	X
K08UL8E	17.2	0.15	K129U	43.005	312.140	5.619	4.327	0.10997	2.64257	7	X
K08UL8O	16.4	0.15	K129U	41.812	73.001	259.891	3.709	0.11891	2.57185	5	X
K08UL9R	17.1	0.15	K129U	54.179	347.787	320.340	1.891	0.08478	2.64945	5	X
K08UM0T	16.5	0.15	K129U	166.195	277.292	297.228	1.686	0.01613	2.61454	6	X
K08UM2R	16.6	0.15	K129U	28.428	289.112	31.266	13.069	0.28504	2.61701	4	X
K08UM5M	17.0	0.15	K129U	40.744	342.625	344.276	3.921	0.18847	2.61058	5	X
K08UM5R	17.0	0.15	K129U	342.482	304.719	89.433	4.231	0.12101	2.58072	4	X
K08UM7C	16.4	0.15	K129U	250.382	83.547	41.909	9.328	0.07383	2.74327	4	X
K08UM7X	18.7	0.15	K129U	6.977	113.687	248.783	5.761	0.38628	2.55649	2	X
K08UM8A	16.0	0.15	K129U	356.687	66.214	292.440	11.794	0.10677	2.66273	3	X
K08UM8G	16.5	0.15	K129U	85.009	255.758	24.013	4.042	0.08596	2.71891	6	X
K08UN1U	17.2	0.15	K129U	327.758	168.764	230.415	11.266	0.17405	2.64015	3	X
K08UN6O	16.2	0.15	K129U	252.566	118.862	21.107	11.631	0.12572	2.60949	6	X
K08UN9Y	16.8	0.15	K129U	330.895	40.000	25.733	13.872	0.26119	2.57883	4	X
K08UO0V	16.5	0.15	K129U	345.157	82.349	298.887	4.420	0.13873	2.66603	6	X
K08UO4T	16.4	0.15	K129U	356.719	101.741	278.314	15.293	0.16340	2.56123	5	X
K08UO8G	17.0	0.15	K129U	353.085	321.334	69.503	3.886	0.23945	2.59438	6	X
K08UP1S	16.6	0.15	K129U	153.773	176.662	39.007	6.166	0.02394	2.67057	7	X
K08UP4M	17.0	0.15	K129U	7.144	143.325	215.755	2.912	0.21549	2.59692	6	X
K08UP5H	17.3	0.15	K129U	310.646	202.231	223.023	1.690	0.18304	2.67126	3	X
K08UP5X	16.7	0.15	K129U	266.576	43.468	64.243	3.710	0.01129	2.64724	7	X
K08UP8U	17.6	0.15	K129U	31.754	84.483	247.653	1.414	0.22029	2.60831	3	X
K08UP9H	17.5	0.15	K129U	20.479	281.866	56.201	4.424	0.24928	2.61376	5	X
K08UQ1M	17.6	0.15	K129U	25.161	156.593	188.655	3.788	0.12540	2.62450	3	X
K08UQ1N	16.7	0.15	K129U	79.866	68.976	219.820	12.858	0.12700	2.64228	4	X
K08UQ3F	17.3	0.15	K129U	359.552	91.571	285.772	2.130	0.24282	2.61256	5	X
K08UQ6O	17.6	0.15	K129U	344.472	31.393	5.090	3.372	0.25297	2.57103	3	X
K08UQ7F	18.2	0.15	K129U	318.305	71.430	4.367	2.408	0.21549	2.58223	4	X
K08UR6T	17.8	0.15	K129U	334.505	196.303	216.699	3.408	0.28764	2.57130	4	X
K08UR7G	17.0	0.15	K129U	310.889	44.393	37.743	4.655	0.14659	2.56322	5	X
K08UR8O	17.1	0.15	K129U	31.847	273.534	50.592	3.839	0.12568	2.62323	5	X
K08US0B	18.9	0.15	K129U	342.485	338.387	64.850	4.346	0.29683	2.55953	3	X
K08US4U	16.8	0.15	K129U	64.623	68.940	212.820	12.121	0.16311	2.67128	5	X
K08US5P	17.5	0.15	K129U	36.103	269.603	53.646	2.717	0.08243	2.64197	4	X
K08US8P	17.9	0.15	K129U	282.657	5.752	100.332	2.678	0.13887	2.60562	6	X
K08US9H	16.8	0.15	K129U	283.536	250.777	211.369	4.195	0.11949	2.70669	6	X
K08UT6H	17.7	0.15	K129U	286.210	115.453	357.191	2.005	0.12445	2.57749	4	X
K08UT7V	17.4	0.15	K129U	336.586	71.623	318.903	4.202	0.06990	2.67949	5	X
K08UU3M	17.0	0.15	K129U	64.934	259.811	44.937	4.762	0.11060	2.66504	6	X
K08UU3R	16.4	0.15	K129U	320.375	178.034	254.063	4.784	0.15879	2.62372	3	X
K08UU4B	17.1	0.15	K129U	15.603	108.592	248.300	9.747	0.22222	2.51931	5	X
K08UU5X	18.9	0.15	K129U	4.896	354.058	13.413	7.849	0.27351	2.55638	2	X
K08UU6F	17.0	0.15	K129U	325.483	165.401	268.591	5.835	0.17045	2.54171	4	X
K08UV2S	17.5	0.15	K129U	2.652	3.447	11.174	7.166	0.29459	2.56527	2	X
K08UW2H	17.5	0.15	K129U	293.306	90.531	359.179	7.529	0.16516	2.60089	3	X
K08UW3A	16.4	0.15	K129U	27.881	87.904	229.170	8.740	0.06753	2.67753	4	X
K08UW4M	17.1	0.15	K129U	90.975	256.809	43.099	5.560	0.14613	2.56014	2	W
K08UW5O	16.1	0.15	K129U	288.244	143.509	282.872	9.505	0.05406	2.70031	5	X
K08UW8L	17.4	0.15	K129U	41.628	85.886	234.684	12.450	0.23612	2.51988	5	X
K08UX5G	16.7	0.15	K129U	173.966	172.217	18.103	11.282	0.08347	2.72922	5	X
K08UX8C	16.6	0.15	K129U	357.903	127.460	242.480	4.354	0.05544	2.72274	4	X
K08UY1V	16.9	0.15	K129U	65.582	244.085	55.456	3.982	0.05681	2.69050	7	X
K08UY1W	17.0	0.15	K129U	21.701	141.218	196.712	3.292	0.15360	2.67301	5	X
K08UY2P	16.6	0.15	K129U	51.248	96.609	212.160	4.750	0.04524	2.66292	6	X

K08UY3R	16.8	0.15	K129U	256.492	122.188	21.438	13.198	0.20426	2.64602	5	X
K08UY8M	16.9	0.15	K129U	58.133	236.616	67.169	5.577	0.09450	2.72994	4	X
K08UZ0U	17.5	0.15	K129U	35.410	295.050	28.714	4.843	0.14628	2.68151	5	X
K08UZ5Z	17.2	0.15	K129U	352.432	45.567	329.293	2.032	0.06808	2.75307	5	X
K08UZ6D	16.2	0.15	K129U	335.487	176.631	217.694	5.070	0.02869	2.73062	5	X
K08UZ7H	17.9	0.15	K129U	325.423	101.673	332.096	1.998	0.17778	2.57053	8	X
K08UZ8A	17.5	0.15	K129U	17.129	4.768	342.796	1.519	0.20876	2.64242	5	X
K08Ua1L	16.7	0.15	K129U	322.491	94.778	339.960	10.802	0.14569	2.54584	4	X
K08Ua8O	16.0	0.15	K129U	347.539	167.964	258.130	10.821	0.16951	2.61645	6	X
K08Ua9P	16.0	0.15	K129U	19.207	242.455	111.939	12.632	0.21150	2.61320	6	X
K08V01R	16.6	0.15	K129U	35.995	27.232	292.924	5.078	0.30895	2.56192	5	X
K08V02O	16.5	0.15	K129U	1.958	77.764	284.794	3.956	0.25770	2.62321	3	X
K08V03J	16.2	0.15	K129U	287.587	99.250	6.734	11.763	0.08148	2.56706	4	X
K08V06W	16.9	0.15	K129U	337.832	215.437	190.240	5.600	0.07378	2.61500	3	X
K08V10R	16.8	0.15	K129U	59.725	81.290	211.295	12.144	0.26178	2.63121	4	X
K08V13M	16.3	0.15	K129U	12.838	103.123	264.826	7.813	0.16713	2.55302	5	X
K08V19T	17.8	0.15	K129U	349.733	332.465	62.866	16.296	0.13167	2.59648	2	X
K08V25Y	17.0	0.15	K129U	270.672	15.550	106.373	3.910	0.16851	2.60617	5	X
K08V27G	17.3	0.15	K129U	357.015	109.291	270.970	2.763	0.17310	2.57929	2	X
K08V31D	17.1	0.15	K129U	56.889	212.574	82.828	6.373	0.24055	2.62914	4	X
K08V34D	17.5	0.15	K129U	307.107	264.636	185.453	4.778	0.23172	2.61709	3	X
K08V41N	16.3	0.15	K129U	336.202	22.209	12.651	15.399	0.11599	2.59835	4	X
K08V46T	17.4	0.15	K129U	341.746	177.613	216.756	2.805	0.23555	2.62728	4	X
K08V47E	16.7	0.15	K129U	325.958	349.246	75.905	4.087	0.16352	2.61804	4	X
K08V50E	16.6	0.15	K129U	313.362	184.744	222.177	14.180	0.08577	2.66054	5	X
K08V50K	17.9	0.15	K129U	333.576	47.730	10.287	2.742	0.21724	2.54487	2	X
K08V57J	16.7	0.15	K129U	358.450	180.696	197.329	2.658	0.20415	2.59435	4	X
K08V64K	16.0	0.15	K129U	337.948	304.433	119.494	13.934	0.15499	2.54247	4	X
K08V64Q	16.7	0.15	K129U	353.389	36.750	339.594	3.453	0.26311	2.64120	5	X
K08V65A	16.5	0.15	K129U	65.861	110.876	198.591	5.309	0.03088	2.71639	5	X
K08V71V	17.1	0.15	K129U	17.128	59.267	317.313	3.315	0.25744	2.60466	3	X
K08V72O	16.8	0.15	K129U	19.908	250.244	99.802	4.068	0.21811	2.62971	4	X
K08V73H	16.6	0.15	K129U	119.696	172.587	68.878	5.732	0.10467	2.78969	5	X
K08W02R	16.6	0.15	K129U	318.297	350.948	74.748	3.549	0.11416	2.64169	4	W
K08W08D	17.2	0.15	K129U	344.129	338.867	54.495	7.161	0.06721	2.59877	4	X
K08W10C	16.7	0.15	K129U	98.559	284.419	352.039	3.803	0.06418	2.69466	4	X
K08W13F	16.7	0.15	K129U	6.254	153.135	200.497	7.174	0.23023	2.63570	5	X
K08W16E	16.9	0.15	K129U	125.281	12.216	263.144	3.701	0.05853	2.45481	7	X
K08W21E	16.7	0.15	K129U	357.254	308.391	63.899	6.822	0.07813	2.68268	3	X
K08W23L	17.1	0.15	K129U	7.366	293.504	78.614	4.320	0.13143	2.58706	4	X
K08W25L	16.5	0.15	K129U	307.374	204.524	224.022	6.628	0.05583	2.71351	6	X
K08W32P	16.7	0.15	K129U	4.671	156.768	203.714	13.826	0.26505	2.58457	5	X
K08W35H	17.7	0.15	K129U	15.322	339.793	17.164	0.559	0.10664	2.64137	4	X
K08W39D	16.9	0.15	K129U	337.576	325.782	70.785	6.398	0.06506	2.67772	4	X
K08W41W	16.7	0.15	K129U	71.315	258.501	39.827	4.782	0.06619	2.70778	7	X
K08W44Z	16.7	0.15	K129U	346.408	137.772	247.643	4.380	0.09989	2.69784	5	X
K08W46K	16.7	0.15	K129U	35.344	282.572	55.566	4.940	0.11651	2.67376	6	X
K08W49B	17.2	0.15	K129U	337.538	46.739	8.432	3.923	0.22164	2.57755	5	X
K08W49S	16.6	0.15	K129U	343.325	196.078	201.862	8.515	0.02009	2.64142	8	X
K08W49T	17.0	0.15	K129U	310.044	281.840	156.622	3.598	0.14683	2.63431	5	X
K08W54U	16.1	0.15	K129U	46.103	261.568	63.941	8.419	0.04415	2.67601	5	X
K08W66U	16.4	0.15	K129U	39.938	255.144	79.873	5.831	0.08185	2.67590	6	X
K08W67F	16.8	0.15	K129U	325.077	341.691	77.982	5.249	0.11072	2.65335	3	X
K08W73D	16.9	0.15	K129U	41.655	83.097	262.099	8.821	0.15237	2.59247	4	X
K08W79K	16.4	0.15	K129U	26.765	210.102	126.149	4.941	0.19182	2.65916	6	X
K08W82Z	17.0	0.15	K129U	327.219	287.021	129.869	4.114	0.19995	2.66206	7	X
K08W90G	16.6	0.15	K129U	331.468	357.173	83.136	14.355	0.14409	2.64155	5	X
K08W92L	16.9	0.15	K129U	2.769	358.692	1.993	1.626	0.10512	2.70128	5	X
K08W95Q	16.6	0.15	K129U	311.504	223.179	193.014	4.752	0.06586	2.72716	4	W
K08W97U	16.9	0.15	K129U	19.284	246.205	108.958	9.857	0.27800	2.52989	5	X
K08WA1R	16.7	0.15	K129U	5.546	220.958	143.762	3.565	0.13984	2.65604	5	X
K08WA2D	16.5	0.15	K129U	354.340	145.408	237.676	8.675	0.18264	2.57937	3	X
K08WA2G	17.1	0.15	K129U	343.700	227.254	180.434	2.073	0.20838	2.56432	2	X
K08WA9S	17.3	0.15	K129U	8.856	345.659	18.381	1.245	0.11669	2.67520	4	X
K08WB0T	16.5	0.15	K129U	54.079	262.376	59.435	3.163	0.05386	2.68815	6	X
K08WB1C	18.4	0.15	K129U	321.022	101.960	326.163	1.373	0.18809	2.64888	2	X
K08WB3S	17.1	0.15	K129U	122.473	169.895	76.273	5.471	0.02234	2.79432	4	X
K08WB3V	17.7	0.15	K129U	355.575	155.301	235.745	1.689	0.11115	2.63847	3	X
K08WB3W	16.3	0.15	K129U	306.969	154.049	253.686	9.641	0.06104	2.86343	5	X
K08WC4Z	17.1	0.15	K129U	340.080	116.493	280.297	2.637	0.16460	2.68012	4	X
K08WC6T	16.5	0.15	K129U	269.593	321.046	154.086	3.148	0.11718	3.07311	5	X
K08WD2C	16.2	0.15	K129U	14.917	272.146	93.707	10.796	0.08071	2.61859	5	X
K08WD5L	16.6	0.15	K129U	342.601	339.154	69.441	6.589	0.14003	2.64286	5	X
K08WE0X	16.7	0.15	K129U	28.720	191.799	151.889	10.020	0.25893	2.57739	6	X
K08X03G	15.8	0.15	K129U	325.160	346.617	83.440	22.825	0.03101	2.64963	3	X
K08X03Q	16.9	0.15	K129U	338.223	31.441	22.543	2.882	0.16399	2.62311	5	X
K08X04N	16.4	0.15	K129U	343.065	114.852	276.714	10.375	0.30823	2.64385	6	X

K08X04Y	16.1	0.15	K129U	324.882	103.505	325.716	6.958	0.13899	2.58701	3 X
K08X08Q	17.0	0.15	K129U	313.594	236.338	190.273	6.109	0.05259	2.69787	5 X
K08X14O	17.0	0.15	K129U	342.712	123.627	276.483	2.748	0.09426	2.62463	3 X
K08X21O	15.6	0.15	K129U	278.620	201.763	273.540	11.380	0.09277	2.79211	6 X
K08X29Q	17.9	0.15	K129U	296.140	132.045	330.783	2.622	0.12375	2.60668	5 X
K08X30B	16.1	0.15	K129U	216.779	312.581	213.853	11.784	0.08394	2.74852	6 X
K08X36G	16.8	0.15	K129U	70.490	246.192	49.522	6.182	0.04301	2.77664	6 X
K08X42Q	15.6	0.15	K129U	219.912	210.896	293.358	8.301	0.01951	2.96460	7 X
K08X45N	17.3	0.15	K129U	345.740	44.343	354.349	2.350	0.13918	2.60623	3 X
K08X48R	17.1	0.15	K129U	321.072	359.727	75.763	3.814	0.24604	2.67501	5 X
K08X55B	17.6	0.15	K129U	347.002	97.385	310.701	2.775	0.33867	2.59484	3 X
K08Y00G	16.8	0.15	K129U	340.483	251.672	159.135	5.770	0.31276	2.62265	5 X
K08Y01H	17.2	0.15	K129U	287.974	22.889	84.104	3.280	0.20533	2.75757	5 X
K08Y05P	15.6	0.15	K129U	78.877	225.180	99.291	12.286	0.18689	2.55855	9 X
K08Y10F	16.1	0.15	K129U	23.142	263.703	78.363	3.937	0.08974	2.69827	5 X
K08Y12V	17.1	0.15	K129U	358.810	49.671	325.356	1.047	0.23759	2.63910	5 X
K08Y15M	16.7	0.15	K129U	217.791	359.197	166.626	1.976	0.05370	2.94460	7 X
K08Y17N	16.7	0.15	K129U	296.782	356.993	111.759	18.450	0.09302	2.78720	4 X
K08Y18F	16.9	0.15	K129U	244.868	70.300	76.848	1.012	0.09415	2.91796	8 X
K08Y22Y	16.6	0.15	K129U	300.092	185.473	283.365	3.685	0.07348	2.77352	7 X
K08Y22Y	16.8	0.15	K129U	344.670	155.944	244.968	1.917	0.23074	2.79139	4 X
K08Y23L	16.4	0.15	K129U	6.282	110.193	286.421	16.169	0.20376	2.60597	7 X
K08Y26P	16.1	0.15	K129U	49.984	102.897	255.066	6.506	0.01260	2.74726	6 X
K08Y38U	16.2	0.15	K129U	226.615	260.037	259.694	12.422	0.07928	2.73353	3 X
K08Y54P	16.4	0.15	K129U	240.476	157.696	356.190	4.341	0.13633	2.97126	6 X
K08Y82F	17.0	0.15	K129U	313.718	116.070	315.618	4.152	0.10911	2.81314	4 X
K08Y84T	15.5	0.15	K129U	286.946	158.949	274.115	10.598	0.10077	3.05484	6 X
K08Y94T	16.8	0.15	K129U	342.885	275.276	115.596	3.059	0.08363	2.89764	5 X
K08YA4K	16.7	0.15	K129U	285.194	126.917	304.394	11.735	0.08205	3.12371	4 X
K08YA5R	16.8	0.15	K129U	3.162	84.352	296.866	6.151	0.24621	2.76075	3 X
K08YB0T	16.8	0.15	K129U	14.628	55.265	303.143	1.882	0.12042	2.68682	5 X
K08YB0Z	16.6	0.15	K129U	56.577	242.992	64.200	4.776	0.08830	2.77335	5 X
K08YB3W	16.0	0.15	K129U	347.207	291.434	92.764	3.198	0.07174	2.90199	5 X
K08YB4A	17.2	0.15	K129U	349.848	283.471	110.216	1.688	0.08093	2.81652	5 X
K08YC2S	16.4	0.15	K129U	277.943	188.846	271.625	6.559	0.04965	2.92105	3 X
K08YD8V	16.8	0.15	K129U	355.954	266.894	132.193	9.907	0.17778	2.74691	3 X
K08YE9G	16.5	0.15	K129U	290.737	353.784	98.320	3.329	0.03323	2.84967	6 X
K08YF1B	17.0	0.15	K129U	300.771	312.892	122.459	2.472	0.10285	2.91126	4 X
K08YF2Q	17.2	0.15	K129U	269.242	207.274	267.719	4.690	0.04781	2.90973	3 X
K08YF9A	16.8	0.15	K129U	251.901	146.118	5.426	0.540	0.20083	3.10298	4 X
K08YF9U	16.7	0.15	K129U	314.402	88.022	34.526	13.544	0.24869	2.65593	4 X
K08YG6Z	16.0	0.15	K129U	5.528	103.956	299.484	21.169	0.07946	2.66394	6 X
K08YG7E	15.6	0.15	K129U	270.458	244.288	264.479	12.081	0.12111	2.65269	6 X
K08YH1J	16.1	0.15	K129U	311.756	275.827	165.654	9.417	0.21378	2.79858	7 X
K08YH2N	17.0	0.15	K129U	316.816	292.524	158.838	12.314	0.25859	2.59926	4 X
K09A20E	16.9	0.15	K129U	7.558	58.472	304.992	2.957	0.01692	3.01126	3 X
K09A22N	17.1	0.15	K129U	19.399	187.050	181.488	2.263	0.09874	2.77990	5 X
K09A23U	16.6	0.15	K129U	253.385	34.641	112.226	16.140	0.08875	2.84096	5 X
K09A27S	16.6	0.15	K129U	331.260	148.244	306.907	12.025	0.11336	2.66000	4 X
K09A47E	15.9	0.15	K129U	210.537	27.526	145.764	9.807	0.03314	3.00424	7 X
K09A50A	15.8	0.15	K129U	117.441	20.890	219.498	5.821	0.10877	3.22249	5 X
K09B00P	16.6	0.15	K129U	7.156	311.564	54.097	6.714	0.08636	2.93194	6 X
K09B01R	16.0	0.15	K129U	271.096	213.245	303.815	13.708	0.14774	2.70788	4 X
K09B06C	16.2	0.15	K129U	329.902	323.536	104.397	15.574	0.07689	2.64098	3 X
K09B07W	17.0	0.15	K129U	344.259	269.249	158.411	11.720	0.29231	2.64227	6 X
K09B07Y	16.2	0.15	K129U	331.260	313.887	121.368	14.513	0.17965	2.79211	4 X
K09B10A	16.2	0.15	K129U	270.720	163.046	297.420	8.989	0.07666	3.00778	4 X
K09B13Q	16.7	0.15	K129U	302.279	86.567	10.177	3.767	0.15784	2.91236	5 X
K09B14W	16.4	0.15	K129U	325.410	154.104	308.137	13.565	0.21291	2.63323	4 X
K09B18X	16.9	0.15	K129U	347.865	257.758	135.415	2.838	0.07184	2.85248	6 X
K09B20R	16.2	0.15	K129U	171.340	271.221	303.357	9.161	0.09497	3.00212	5 X
K09B21X	17.0	0.15	K129U	238.334	147.457	2.601	1.469	0.02947	2.92237	5 X
K09B27V	17.1	0.15	K129U	358.206	37.936	6.437	4.088	0.17628	2.72237	5 X
K09B32W	17.6	0.15	K129U	339.093	83.703	331.968	1.840	0.17666	2.79052	3 X
K09B34W	16.5	0.15	K129U	280.500	24.256	79.520	4.005	0.08330	2.99466	5 X
K09B43J	16.7	0.15	K129U	266.235	116.602	8.786	2.257	0.08521	3.00646	5 X
K09B44K	16.1	0.15	K129U	294.598	121.813	317.582	8.550	0.10321	3.12974	3 X
K09B55B	16.5	0.15	K129U	359.973	287.666	90.913	2.886	0.07890	3.01860	4 X
K09B58A	16.6	0.15	K129U	275.308	358.883	110.658	2.867	0.19358	3.05146	6 X
K09B60P	16.1	0.15	K129U	337.443	121.206	319.164	12.316	0.13797	2.68771	5 X
K09B68S	16.9	0.15	K129U	357.859	102.267	308.138	11.934	0.27494	2.64561	3 X
K09B69B	16.9	0.15	K129U	314.151	290.829	143.912	3.327	0.11896	2.96477	5 X
K09B70H	15.5	0.15	K129U	292.798	105.392	332.531	9.028	0.06769	3.01146	5 X
K09B71F	15.8	0.15	K129U	262.640	260.822	225.265	3.075	0.12226	2.96887	5 X
K09B79O	16.5	0.15	K129U	0.347	97.469	316.955	14.118	0.11287	2.66962	5 X
K09B97B	15.2	0.15	K129U	143.436	274.183	318.585	20.363	0.09261	3.09912	5 X
K09BB4C	17.0	0.15	K129U	310.889	335.647	290.435	2.560	0.12862	2.90752	4 X

K09BC2V	16.0	0.15	K129U	340.889	62.580	328.930	8.020	0.12653	3.12095	6 X
K09BC8J	16.0	0.15	K129U	34.004	346.883	0.443	10.502	0.11475	3.12670	7 X
K09BD6M	16.3	0.15	K129U	329.384	244.011	172.400	1.731	0.14240	2.89004	6 X
K09BE0K	16.2	0.15	K129U	331.468	80.146	321.130	3.625	0.08128	3.07726	4 X
K09BE4Z	15.7	0.15	K129U	159.899	91.458	130.891	10.189	0.01809	3.11783	5 X
K09BE6P	16.5	0.15	K129U	261.120	265.181	235.227	2.546	0.14306	3.03607	3 X
K09BF3A	16.3	0.15	K129U	196.376	150.975	40.708	2.525	0.15526	3.10489	7 X
K09BF3Z	16.5	0.15	K129U	326.884	71.265	331.336	8.153	0.07704	3.06351	4 X
K09BF7T	17.1	0.15	K129U	276.304	144.732	344.719	3.792	0.15471	2.97124	4 X
K09BG0V	16.6	0.15	K129U	216.580	357.809	163.486	7.648	0.03429	3.07592	6 X
K09BG8N	15.9	0.15	K129U	261.882	185.643	292.136	8.472	0.05002	3.15531	4 X
K09BI1S	15.9	0.15	K129U	278.633	298.584	185.124	20.126	0.15947	3.17048	6 X
K09BI7J	15.8	0.15	K129U	276.796	107.375	7.714	11.139	0.09291	3.04588	5 X
K09C23J	16.4	0.15	K129U	220.386	357.340	163.268	6.101	0.07804	3.11584	7 X
K09C35D	16.6	0.15	K129U	60.269	334.703	344.705	8.868	0.08696	3.03610	5 X
K09C37Y	16.4	0.15	K129U	231.419	343.127	168.289	8.937	0.10684	3.06896	5 X
K09C38X	16.0	0.15	K129U	324.302	95.566	324.955	8.626	0.11340	3.06037	5 X
K09C42F	15.6	0.15	K129U	85.269	342.883	314.142	9.879	0.05432	3.06877	4 X
K09C58D	16.1	0.15	K129U	344.504	222.016	178.653	9.893	0.08371	3.14216	7 X
K09C61S	15.9	0.15	K129U	197.490	83.550	115.897	15.394	0.10122	3.13667	5 X
K09D09D	16.2	0.15	K129U	333.221	128.823	286.613	4.092	0.14086	3.12238	6 X
K09D09N	15.6	0.15	K129U	242.312	154.678	349.949	13.058	0.27631	3.11572	5 X
K09D11G	15.9	0.15	K129U	302.289	13.637	70.740	6.686	0.15587	3.08875	3 X
K09D27H	15.9	0.15	K129U	9.612	218.127	152.221	9.827	0.08248	3.16454	4 X
K09D32Z	16.2	0.15	K129U	285.751	99.070	6.365	15.773	0.20837	3.13343	3 X
K09D41H	16.0	0.15	K129U	247.294	176.070	317.090	4.092	0.10619	3.10503	7 X
K09D41N	15.6	0.15	K129U	310.986	76.504	344.030	8.689	0.08376	3.14872	5 X
K09D68S	15.8	0.15	K129U	229.632	125.622	26.267	17.119	0.16901	3.16526	4 X
K09D79D	16.0	0.15	K129U	268.445	332.678	163.328	18.431	0.04853	3.08451	5 X
K09D87Y	16.9	0.15	K129U	259.348	157.768	352.826	9.345	0.22193	3.06654	3 X
K09DB6F	15.9	0.15	K129U	314.330	85.413	336.665	8.947	0.10863	3.15579	4 X
K09DB8X	16.3	0.15	K129U	326.977	250.029	171.211	7.118	0.18549	3.05781	3 X
K09DC5W	15.6	0.15	K129U	98.741	311.574	359.876	16.479	0.07752	3.24750	5 X
K09DD2D	16.3	0.15	K129U	256.403	112.137	30.924	4.982	0.15237	3.19962	5 X
K09DD6X	15.5	0.15	K129U	244.143	305.956	208.789	26.313	0.18788	3.18383	7 X
K09E00J	16.3	0.15	K129U	252.687	29.714	106.144	2.477	0.16036	3.10218	6 X
K09E21G	15.4	0.15	K129U	293.393	317.938	140.961	9.488	0.10393	3.16107	7 X
K09E26Y	16.2	0.15	K129U	243.033	219.276	296.163	3.653	0.08373	3.22032	6 X
K09E29U	15.7	0.15	K129U	287.112	103.787	16.402	14.672	0.15759	3.14069	9 X
K09F02L	17.4	0.15	K129U	314.351	272.547	200.098	14.768	0.31685	2.69865	3 X
K09F08R	16.2	0.15	K129U	277.451	92.250	25.472	10.779	0.10651	3.20589	2 X
K09F24F	15.6	0.15	K129U	265.419	126.994	22.853	12.854	0.06769	2.94419	3 X
K09F41P	16.0	0.15	K129U	274.391	113.677	31.809	17.090	0.09588	3.06596	6 X
K09F42G	15.6	0.15	K129U	310.606	50.231	34.608	14.555	0.23215	3.11492	6 X
K09F42O	15.7	0.15	K129U	302.313	50.464	44.775	11.817	0.14136	3.19435	4 X
K09F49R	16.0	0.15	K129U	275.489	348.148	130.993	5.912	0.11563	3.16246	6 X
K09F59R	15.6	0.15	K129U	216.349	259.432	310.837	14.736	0.15234	3.12170	6 X
K09F73X	15.9	0.15	K129U	305.377	110.627	20.615	25.445	0.16836	2.79469	4 X
K09H66P	16.7	0.15	K129U	277.768	295.791	183.740	16.183	0.23173	3.11866	5 X
K09J04S	18.7	0.15	K129U	72.703	91.589	193.815	21.982	0.11428	1.85377	4 X
K09K00S	14.6	0.15	K129U	123.761	189.898	65.160	5.632	0.08208	3.96026	5 X
K09Q02A	17.4	0.15	K129U	302.600	284.325	173.229	22.538	0.11433	1.91285	4 X
K09SA3O	17.3	0.15	K129U	327.880	304.550	194.789	29.458	0.66375	2.00391	5 X
K09SG6U	17.4	0.15	K129U	121.721	260.966	17.188	19.746	0.07401	1.96673	6 X
K09SX9Z	16.9	0.15	K129U	154.973	342.528	234.685	10.002	0.07822	2.28599	5 X
K09U01J	17.2	0.15	K129U	101.452	56.528	236.438	19.299	0.05300	1.98281	5 X
K09U84B	17.7	0.15	K129U	11.694	278.966	81.344	2.724	0.18028	2.13151	6 X
K09UE1M	18.5	0.15	K129U	289.121	43.373	59.429	2.859	0.12810	2.16713	3 X
K09V47J	17.2	0.15	K129U	87.321	149.123	108.429	3.452	0.17846	2.29971	4 X
K09W20O	18.0	0.15	K129U	324.188	119.994	301.338	3.313	0.12274	2.19531	3 X
K09W43W	16.8	0.15	K129U	235.464	216.313	295.922	4.295	0.08936	2.42114	4 X
K09W44F	18.1	0.15	K129U	80.116	271.543	0.861	5.400	0.11709	2.22189	5 X
K09W45N	17.9	0.15	K129U	13.622	160.714	190.072	2.550	0.16804	2.17667	5 X
K09W50W	17.9	0.15	K129U	274.061	180.729	294.337	1.284	0.04647	2.15822	5 X
K09W68P	18.1	0.15	K129U	260.254	321.496	154.897	3.879	0.11326	2.24140	4 X
K09W73O	18.4	0.15	K129U	289.781	103.509	351.372	3.494	0.11452	2.18448	4 X
K09W82D	17.3	0.15	K129U	22.329	359.584	330.814	4.749	0.23780	2.17666	5 X
K09W82O	17.9	0.15	K129U	28.785	353.211	337.849	4.343	0.15493	2.18878	5 X
K09W83X	17.3	0.15	K129U	42.111	285.335	26.434	7.211	0.24557	2.16953	7 X
K09W84W	17.2	0.15	K129U	98.248	221.661	25.058	8.274	0.17801	2.36401	6 X
K09W87U	17.9	0.15	K129U	21.881	319.493	19.591	3.814	0.19305	2.18815	5 X
K09W88A	17.5	0.15	K129U	56.145	333.489	326.561	3.280	0.21893	2.21346	5 X
K09W89B	18.9	0.15	K129U	5.249	235.863	131.768	2.144	0.18498	2.17176	4 X
K09WD0K	17.6	0.15	K129U	93.726	337.865	282.342	2.646	0.13870	2.25954	6 X
K09WD8H	18.4	0.15	K129U	328.836	231.337	180.191	2.912	0.13745	2.16071	5 X
K09WG3T	18.2	0.15	K129U	19.270	63.029	288.627	2.892	0.13330	2.20133	3 X
K09WJ2W	17.7	0.15	K129U	226.833	104.374	40.383	4.037	0.10437	2.25402	5 X

K09WK0K	16.2	0.15	K129U	164.641	287.037	156.307	6.261	0.17526	3.19720	2 S
K09WK9P	17.9	0.15	K129U	270.755	20.576	93.379	2.972	0.17770	2.28928	5 X
K09W01E	18.1	0.15	K129U	349.445	215.588	176.223	3.512	0.09950	2.18272	6 X
K09WQ0X	18.5	0.15	K129U	348.864	330.358	63.928	2.832	0.15259	2.17677	4 X
K09WQ1V	17.4	0.15	K129U	250.251	198.092	289.777	1.922	0.14270	2.31180	4 X
K09X07X	17.2	0.15	K129U	260.866	218.664	274.185	4.083	0.09066	2.21168	3 X
K09X20X	16.9	0.15	K129U	248.945	234.800	273.565	5.794	0.03836	2.27224	7 X
K09X25C	16.1	0.15	K129U	224.677	232.357	264.108	9.904	0.19353	2.59976	5 X
K09Y11M	18.3	0.15	K129U	329.837	345.626	68.751	3.653	0.14621	2.25792	3 X
K10A06S	17.8	0.15	K129U	247.394	349.515	151.176	5.724	0.17619	2.36662	5 X
K10A12H	17.7	0.15	K129U	334.367	288.014	127.898	4.456	0.20267	2.29262	7 X
K10A34C	15.7	0.15	K129U	80.614	288.622	326.902	8.838	0.24670	3.03047	7 X
K10A35H	17.3	0.15	K129U	260.130	209.952	281.139	4.323	0.06174	2.39566	4 X
K10A53J	18.1	0.15	K129U	273.333	310.222	159.500	5.118	0.15499	2.41837	4 X
K10A54V	17.3	0.15	K129U	292.692	86.016	7.719	3.253	0.14056	2.39550	6 X
K10A55Q	17.9	0.15	K129U	277.261	97.807	25.597	1.095	0.14508	2.35109	5 X
K10A59G	17.1	0.15	K129U	276.890	127.873	352.516	6.379	0.11939	2.30700	4 X
K10A67D	17.0	0.15	K129U	233.226	18.352	123.136	6.773	0.04975	2.33249	6 X
K10A68Y	18.0	0.15	K129U	243.240	151.302	3.608	6.177	0.17544	2.34787	3 X
K10A76N	16.5	0.15	K129U	230.402	132.283	12.267	6.196	0.07338	2.44426	6 X
K10A76X	17.1	0.15	K129U	252.144	197.452	315.146	6.478	0.04475	2.25090	6 X
K10AA6C	16.9	0.15	K129U	239.556	292.406	221.647	8.874	0.10571	2.68262	6 X
K10B04A	17.6	0.15	K129U	301.791	125.582	312.981	10.643	0.25655	2.34117	3 X
K10B11U	16.8	0.15	K129U	215.964	305.310	229.690	8.067	0.10394	2.76952	4 X
K10B25C	15.6	0.15	K129U	49.991	243.805	85.380	27.922	0.18945	3.10233	6 X
K10B33C	16.9	0.15	K129U	149.263	351.836	236.362	21.402	0.11776	3.01753	4 X
K10B68Y	15.7	0.15	K129U	117.291	267.081	346.591	14.137	0.08005	3.19187	3 X
K10B71V	15.4	0.15	K129U	57.406	223.635	99.145	19.634	0.13294	3.14679	5 X
K10B81E	15.3	0.15	K129U	183.122	179.249	1.765	15.891	0.03763	3.21044	3 X
K10C09H	15.8	0.15	K129U	261.066	58.048	87.951	15.228	0.09903	2.72545	5 X
K10C17H	15.8	0.15	K129U	218.614	154.693	52.086	27.050	0.19005	2.62938	6 X
K10C32O	17.6	0.15	K129U	236.604	175.755	348.508	6.945	0.18143	2.54076	5 X
K10C34M	17.7	0.15	K129U	317.888	41.829	29.193	5.136	0.13675	2.44168	3 X
K10C36L	17.9	0.15	K129U	307.927	110.584	341.517	4.919	0.19950	2.33795	3 X
K10C60L	17.1	0.15	K129U	263.200	318.827	178.068	4.010	0.18194	2.40291	7 X
K10C62R	16.8	0.15	K129U	107.061	262.535	350.023	7.585	0.03737	2.84465	5 X
K10C75E	17.0	0.15	K129U	40.852	346.778	339.231	2.953	0.06623	2.64511	5 X
K10C79H	17.2	0.15	K129U	184.423	230.504	328.591	1.617	0.06899	2.64420	4 X
K10C81R	16.2	0.15	K129U	30.865	12.006	322.541	3.538	0.07812	2.77618	7 X
K10C83Z	17.7	0.15	K129U	298.531	308.134	150.958	1.737	0.15045	2.37915	6 X
K10C95H	16.2	0.15	K129U	68.950	131.243	151.656	5.388	0.09986	3.08481	6 X
K10CA8V	17.2	0.15	K129U	267.267	142.313	322.061	4.741	0.05502	2.57150	4 X
K10CC4M	17.5	0.15	K129U	328.024	150.197	287.630	4.749	0.10859	2.28886	4 X
K10CC7N	16.4	0.15	K129U	11.922	180.824	184.789	12.209	0.13122	2.74272	5 X
K10CE1H	16.8	0.15	K129U	68.771	293.982	3.182	2.445	0.08774	2.64305	7 X
K10CE2G	17.4	0.15	K129U	271.693	212.486	290.432	4.323	0.08154	2.26092	4 X
K10CE8A	16.6	0.15	K129U	202.142	185.949	358.777	13.734	0.23815	2.73189	6 X
K10CG3R	16.5	0.15	K129U	1.911	25.802	354.100	5.621	0.02533	2.71917	5 X
K10CG6N	17.2	0.15	K129U	268.200	273.347	202.763	1.924	0.04835	2.63968	5 X
K10CG8X	17.8	0.15	K129U	188.848	177.531	17.952	1.645	0.08816	2.59056	5 X
K10CH0V	16.8	0.15	K129U	4.814	20.567	344.077	5.672	0.04187	2.71320	5 X
K10CH0Y	16.4	0.15	K129U	17.479	16.388	350.809	4.884	0.06878	2.68992	5 X
K10CH2C	17.3	0.15	K129U	166.738	217.550	356.798	2.942	0.16629	2.63280	4 X
K10CH5B	15.9	0.15	K129U	287.729	94.550	348.986	7.872	0.05039	2.65378	5 X
K10CH6Y	16.1	0.15	K129U	19.454	25.121	326.778	11.300	0.19694	2.59182	4 X
K10CM3A	16.3	0.15	K129U	290.443	272.544	180.982	15.764	0.06510	3.03998	4 X
K10D01V	15.9	0.15	K129U	257.370	314.913	186.065	32.209	0.24067	2.61908	6 X
K10D47U	15.9	0.15	K129U	95.975	272.721	351.083	7.973	0.03091	2.97925	4 X
K10D49J	15.9	0.15	K129U	189.115	0.676	185.381	10.193	0.05695	2.80142	7 X
K10D76N	16.4	0.15	K129U	240.386	324.425	169.388	11.663	0.10684	2.67000	5 X
K10D77W	15.9	0.15	K129U	75.070	297.270	350.306	9.305	0.01621	2.95962	6 X
K10D79A	17.9	0.15	K129U	306.842	10.560	80.543	3.155	0.17956	2.43017	4 X
K10D79H	16.2	0.15	K129U	185.244	11.957	166.576	5.649	0.01134	2.72346	5 X
K10E20W	16.6	0.15	K129U	304.936	173.151	253.680	3.470	0.08739	2.66169	5 X
K10E32K	16.3	0.15	K129U	105.331	279.033	338.588	1.257	0.05455	2.88129	7 X
K10E33R	16.9	0.15	K129U	294.293	285.355	166.081	6.393	0.13650	2.60185	5 X
K10E39H	16.8	0.15	K129U	251.161	118.407	11.079	12.129	0.05901	2.61334	5 X
K10E41J	16.9	0.15	K129U	237.535	173.504	350.297	8.472	0.12684	2.58898	6 X
K10E45B	16.5	0.15	K129U	192.664	102.435	77.631	4.833	0.14823	2.66966	4 X
K10E70R	16.9	0.15	K129U	170.441	202.441	348.838	4.791	0.07242	3.06799	7 X
K10E74Q	16.3	0.15	K129U	345.949	347.761	38.927	6.647	0.07704	2.70364	6 X
K10E83R	16.1	0.15	K129U	139.520	217.554	21.585	14.528	0.09278	3.03212	4 X
K10E84H	16.8	0.15	K129U	350.650	217.857	165.463	3.985	0.10732	2.80980	7 X
K10E90G	16.3	0.15	K129U	85.098	328.244	339.462	13.098	0.15623	2.56978	5 X
K10E95U	16.4	0.15	K129U	95.075	169.140	100.630	3.131	0.06343	2.88599	4 X
K10EA2A	16.7	0.15	K129U	333.183	86.914	321.347	4.377	0.00899	2.71269	6 X
K10EA2H	16.6	0.15	K129U	48.545	346.798	346.504	5.794	0.02760	2.73144	6 X

K10EA8N	15.7	0.15	K129U	135.124	218.428	20.406	19.147	0.07147	3.05325	5	X
K10EB0X	16.0	0.15	K129U	105.372	245.997	24.760	9.237	0.05439	3.08570	6	X
K10EB0Y	16.6	0.15	K129U	223.831	132.610	23.681	12.475	0.11599	2.86674	3	X
K10EB3F	15.5	0.15	K129U	55.315	268.883	41.194	11.352	0.07817	3.18939	5	X
K10EC2A	16.4	0.15	K129U	358.344	142.845	242.639	5.010	0.02089	2.75253	7	X
K10EC8R	16.8	0.15	K129U	337.907	41.836	10.999	4.600	0.07669	2.73958	6	X
K10ED0G	16.6	0.15	K129U	43.780	332.373	26.183	6.527	0.03664	2.72070	4	X
K10ED2Z	16.2	0.15	K129U	252.686	273.634	208.977	9.123	0.06169	2.87300	6	X
K10ED4H	15.3	0.15	K129U	88.633	262.547	10.414	9.325	0.06163	3.17421	7	X
K10ED7T	17.0	0.15	K129U	269.319	115.065	11.646	12.297	0.15376	2.61779	5	X
K10ED7Z	15.2	0.15	K129U	131.504	195.392	33.278	17.993	0.14846	3.08814	4	X
K10ED8V	15.6	0.15	K129U	89.636	242.430	24.091	15.048	0.11892	3.11431	5	X
K10F11V	15.3	0.15	K129U	76.633	286.488	2.006	26.069	0.18154	3.09178	4	X
K10F12Z	16.3	0.15	K129U	153.121	201.381	18.049	6.139	0.06746	3.08811	6	X
K10F14F	16.0	0.15	K129U	257.313	299.775	169.942	10.815	0.01826	3.01136	5	X
K10F16Z	16.6	0.15	K129U	207.550	167.554	10.964	14.252	0.09041	2.79045	5	X
K10F20Q	16.6	0.15	K129U	327.443	25.584	25.959	6.979	0.07019	2.70205	4	X
K10F20S	17.3	0.15	K129U	181.192	185.481	21.361	7.335	0.04053	2.69908	3	X
K10F25G	16.7	0.15	K129U	302.807	344.090	103.986	3.819	0.06671	2.58749	6	X
K10F25M	16.7	0.15	K129U	51.021	120.436	193.081	4.931	0.11038	2.95006	3	X
K10F47X	16.7	0.15	K129U	225.890	134.826	20.391	7.228	0.07132	2.77173	4	X
K10F54F	15.6	0.15	K129U	124.217	225.028	21.548	10.783	0.04972	3.13536	4	X
K10F54R	15.9	0.15	K129U	161.687	24.213	189.079	13.560	0.03848	3.04098	6	X
K10F56L	16.1	0.15	K129U	298.303	269.858	184.240	7.005	0.09947	2.72604	7	X
K10F84X	16.6	0.15	K129U	205.168	310.764	222.386	3.598	0.00966	2.78999	4	X
K10F89G	16.8	0.15	K129U	248.159	291.830	198.848	3.928	0.01627	2.76149	6	X
K10F95A	16.6	0.15	K129U	312.049	318.807	115.277	3.136	0.04369	2.85859	7	X
K10FA0A	16.3	0.15	K129U	83.252	82.931	193.645	17.851	0.06301	3.13282	3	X
K10G27E	15.7	0.15	K129U	275.691	299.160	164.352	10.854	0.08416	2.98915	7	X
K10G27N	15.5	0.15	K129U	177.128	359.932	204.744	17.243	0.13350	3.08914	4	X
K10G33G	16.1	0.15	K129U	207.249	179.607	11.414	14.158	0.16780	2.61561	5	X
K10G66N	16.0	0.15	K129U	235.771	139.561	39.724	13.626	0.11207	2.65417	6	X
K10G75P	17.1	0.15	K129U	19.197	4.270	9.268	11.605	0.07119	2.64857	2	X
K10GA1R	16.6	0.15	K129U	244.331	98.280	26.149	6.169	0.04430	2.92012	6	X
K10GB1W	16.5	0.15	K129U	159.519	6.655	214.522	8.831	0.03394	3.04855	5	X
K10GB2F	16.7	0.15	K129U	18.429	343.457	16.353	6.636	0.07669	2.75318	5	X
K10GB4Q	15.9	0.15	K129U	76.118	78.862	224.385	10.834	0.05494	3.14379	6	X
K10GB5B	16.5	0.15	K129U	281.303	263.192	219.829	8.095	0.15263	2.64487	5	X
K10GB6S	17.0	0.15	K129U	294.461	250.248	206.033	11.077	0.15590	2.73104	3	X
K10GC5E	16.5	0.15	K129U	54.164	133.567	181.750	18.133	0.08121	3.11022	4	X
K10GD5N	16.1	0.15	K129U	28.633	303.665	35.326	9.268	0.08194	3.15328	4	X
K10H17O	13.1	0.15	K129U	79.744	274.427	2.649	15.174	0.13269	5.22277	6	X
K10H21O	12.9	0.15	K129U	101.655	21.043	241.785	23.734	0.03988	5.21369	2	X
K10H49X	13.0	0.15	K129U	83.755	353.985	288.838	28.087	0.04212	5.20957	4	X
K10H68P	15.4	0.15	K129U	184.859	309.382	290.930	18.130	0.27312	3.08611	7	X
K10J33N	20.4	0.15	K129U	71.522	64.856	199.948	53.154	0.28744	1.55448	2	W
K10J42C	13.0	0.15	K129U	120.748	291.715	317.894	21.498	0.06359	5.22347	6	X
K10J49F	16.0	0.15	K129U	346.573	18.417	18.646	14.125	0.24620	2.63111	4	X
K10J76S	16.5	0.15	K129U	274.577	256.091	232.173	9.542	0.08407	2.79944	4	X
K10L46R	16.9	0.15	K129U	50.995	291.512	19.538	10.431	0.02869	2.92519	5	X
K10L61A	15.4	0.15	K129U	262.442	242.380	246.730	6.716	0.05745	3.16950	7	X
K10M56O	16.0	0.15	K129U	236.595	287.896	215.406	8.665	0.10151	2.73761	6	X
K10N05L	13.5	0.15	K129U	14.622	135.704	229.343	15.179	0.06879	5.22153	4	X
K10N16M	16.2	0.15	K129U	13.125	161.326	187.125	8.900	0.06279	3.22594	6	X
K10N66X	15.5	0.15	K129U	28.007	241.910	111.497	17.853	0.12742	3.14795	3	X
K10O33O	16.6	0.15	K129U	326.703	44.039	37.883	8.384	0.08369	2.67484	4	X
K10O53P	16.5	0.15	K129U	259.125	116.884	12.885	17.724	0.07654	2.88725	5	X
K10O60V	15.8	0.15	K129U	160.571	169.954	47.686	17.281	0.00940	3.11499	4	X
K10O78M	16.1	0.15	K129U	140.333	178.546	40.483	6.531	0.04417	3.40834	5	X
K10O95Y	16.1	0.15	K129U	163.849	337.458	242.249	9.767	0.11308	3.06189	5	X
K11B63Y	17.6	0.15	K129U	62.687	313.723	334.493	17.845	0.05088	1.96594	2	X
K11D19D	17.7	0.15	K129U	304.797	262.878	168.807	22.416	0.11103	1.89131	3	X
K11D20G	17.9	0.15	K129U	129.231	64.536	166.254	6.234	0.13607	2.25833	6	X
K11D50N	17.0	0.15	K129U	114.838	26.337	205.215	10.595	0.19447	2.30367	5	X
K11E09X	18.2	0.15	K129U	94.579	283.644	347.000	6.531	0.18827	2.24604	3	X
K11E13Z	17.8	0.15	K129U	93.611	249.413	26.877	6.805	0.17701	2.25571	4	X
K11E25G	17.6	0.15	K129U	105.093	91.899	156.016	5.268	0.10465	2.29456	6	X
K11E25N	16.5	0.15	K129U	72.002	227.529	51.269	7.484	0.17180	2.47269	7	X
K11E33X	18.0	0.15	K129U	119.458	93.094	175.914	22.600	0.07327	1.96198	4	X
K11E39R	16.8	0.15	K129U	45.056	273.291	30.063	14.526	0.21742	2.60502	4	X
K11E69D	17.0	0.15	K129U	72.538	208.753	71.543	6.314	0.18812	2.42183	6	X
K11E71K	17.8	0.15	K129U	103.422	145.766	112.294	3.649	0.13230	2.31209	6	X
K11E73Z	17.2	0.15	K129U	316.119	97.880	331.992	16.440	0.10514	1.87100	3	X
K11F04K	18.0	0.15	K129U	113.403	315.719	293.776	2.590	0.20698	2.28194	4	X
K11F07L	17.1	0.15	K129U	110.197	186.112	56.360	3.196	0.18103	2.37038	6	X
K11F08V	17.1	0.15	K129U	268.731	103.406	15.943	20.871	0.12918	1.93229	4	X
K11F12D	16.5	0.15	K129U	147.801	348.941	203.875	15.235	0.11259	2.56130	7	X

K11F13E	17.1	0.15	K129U	109.522	94.512	159.417	6.796	0.09760	2.42347	5	X
K11F170	17.4	0.15	K129U	242.392	125.104	21.260	20.818	0.06444	1.94353	3	X
K11F21L	17.7	0.15	K129U	53.850	186.119	118.111	2.318	0.18302	2.38214	7	X
K11F32C	16.6	0.15	K129U	58.170	284.447	20.481	16.576	0.19104	2.54094	3	X
K11F33J	16.3	0.15	K129U	16.288	244.222	55.022	6.749	0.18966	3.22809	4	X
K11F48Q	16.7	0.15	K129U	63.516	96.074	183.862	13.029	0.27814	3.04959	4	X
K11F58C	16.5	0.15	K129U	47.351	300.823	3.112	13.009	0.26926	2.61821	2	X
K11F65V	16.6	0.15	K129U	65.779	22.483	263.178	4.348	0.19828	2.41605	5	X
K11F82T	18.0	0.15	K129U	79.859	223.559	49.047	2.215	0.15932	2.41314	4	X
K11F84L	17.5	0.15	K129U	114.662	312.324	294.770	4.271	0.12612	2.23637	6	X
K11F88C	17.9	0.15	K129U	110.028	43.452	193.929	4.030	0.16355	2.37828	4	X
K11FD1S	17.6	0.15	K129U	24.271	343.324	344.764	7.434	0.18420	2.24010	3	X
K11FE0Z	17.6	0.15	K129U	64.404	102.821	191.324	5.795	0.13159	2.27736	5	X
K11FE8H	17.1	0.15	K129U	76.897	243.789	34.167	11.972	0.24743	2.61596	3	X
K11FF4D	16.8	0.15	K129U	33.120	314.141	10.567	14.239	0.24881	2.34374	3	X
K11G02F	16.9	0.15	K129U	82.213	71.007	182.423	29.568	0.30437	2.62505	4	X
K11G03O	17.0	0.15	K129U	94.259	191.927	66.784	3.986	0.18290	2.48260	4	X
K11G03R	18.1	0.15	K129U	129.550	161.000	71.910	5.270	0.12555	2.28949	6	X
K11G24K	17.9	0.15	K129U	158.287	268.521	302.424	3.993	0.06512	2.15596	2	X
K11G31Z	17.6	0.15	K129U	158.498	349.107	215.273	5.490	0.04956	2.30411	7	X
K11G34L	18.1	0.15	K129U	102.701	47.011	207.502	4.671	0.14596	2.38066	3	X
K11G42G	17.1	0.15	K129U	115.292	343.473	271.682	5.078	0.14189	2.23919	5	X
K11G49U	17.0	0.15	K129U	53.021	100.687	200.671	9.344	0.22033	2.61658	6	X
K11G58R	17.1	0.15	K129U	82.427	118.604	140.584	4.630	0.20509	2.66899	5	X
<b>K11G61Q</b>	<b>18.4</b>	<b>0.15</b>	<b>K129U</b>	<b>276.482</b>	<b>155.046</b>	<b>333.533</b>	<b>65.153</b>	<b>0.41264</b>	<b>1.59007</b>	<b>2</b>	<b>W</b>
K11G66D	15.6	0.15	K129U	49.157	321.530	312.534	15.584	0.25960	3.11095	4	X
K11G70Q	16.3	0.15	K129U	52.141	97.071	198.928	12.229	0.15787	2.80320	4	X
K11G70T	17.2	0.15	K129U	40.895	223.232	108.569	14.292	0.23285	2.32307	5	X
K11G84W	18.2	0.15	K129U	180.575	153.734	30.800	2.934	0.04984	2.20537	6	X
K11H06O	17.1	0.15	K129U	143.029	14.936	197.925	12.889	0.14267	2.39361	4	X
K11H06U	17.9	0.15	K129U	72.191	119.980	164.621	6.431	0.07848	2.33137	4	X
K11H11Z	16.8	0.15	K129U	88.677	88.430	185.312	13.392	0.15693	2.61752	5	X
K11H21N	17.7	0.15	K129U	140.908	106.925	116.825	4.026	0.14721	2.40263	5	X
K11H26C	17.0	0.15	K129U	61.506	155.255	142.074	2.952	0.19037	2.64753	5	X
K11H26T	16.4	0.15	K129U	51.026	167.534	158.004	18.512	0.15601	2.57133	4	X
K11H28D	16.8	0.15	K129U	114.252	275.161	326.172	6.370	0.07187	2.42568	7	X
K11H33V	16.4	0.15	K129U	24.441	205.700	131.105	6.754	0.14084	2.61161	7	X
K11H46Z	16.9	0.15	K129U	66.354	101.377	184.106	12.143	0.16154	2.64807	5	X
K11H60C	17.0	0.15	K129U	78.192	217.696	77.300	6.594	0.17117	2.28577	6	X
K11H60U	17.5	0.15	K129U	74.347	154.128	127.423	2.169	0.17135	2.41257	5	X
K11H64N	17.3	0.15	K129U	84.706	165.826	106.701	7.204	0.19240	2.52785	5	X
K11H77W	16.9	0.15	K129U	60.382	222.320	79.703	12.930	0.18848	2.60888	5	X
K11H79P	17.0	0.15	K129U	125.684	81.274	154.795	5.893	0.16355	2.44962	6	X
K11H82W	17.7	0.15	K129U	137.535	152.060	76.696	4.607	0.08524	2.32105	6	X
K11H84Z	16.7	0.15	K129U	94.443	85.986	178.491	12.182	0.05979	2.58969	4	X
K11H90L	17.5	0.15	K129U	56.356	202.291	105.824	5.343	0.14661	2.37444	5	X
<b>K11J00K</b>	<b>18.5</b>	<b>0.15</b>	<b>K129U</b>	<b>181.552</b>	<b>10.746</b>	<b>203.444</b>	<b>6.695</b>	<b>0.46394</b>	<b>1.91018</b>	<b>2</b>	<b>X</b>
K11J16O	16.3	0.15	K129U	62.264	107.203	175.069	15.833	0.26385	3.01711	5	X
K11J17O	17.0	0.15	K129U	118.966	66.324	172.396	4.271	0.14952	2.61133	7	X
K11J30K	16.7	0.15	K129U	186.814	276.792	260.758	3.405	0.04584	2.37956	6	X
K11K07E	16.0	0.15	K129U	30.131	224.620	131.819	15.366	0.12738	2.55992	3	X
K11K07R	15.9	0.15	K129U	53.189	193.308	99.692	3.545	0.21443	3.10604	7	X
K11K08D	16.4	0.15	K129U	41.839	93.300	231.417	4.406	0.17793	2.80100	7	X
K11K08Z	17.2	0.15	K129U	237.313	266.963	244.589	5.824	0.05137	2.20962	4	X
K11K09O	17.7	0.15	K129U	174.690	356.511	191.446	4.646	0.16071	2.32873	7	X
K11K10W	15.6	0.15	K129U	15.111	217.167	112.294	18.294	0.22008	3.14282	4	X
K11K12G	17.2	0.15	K129U	110.190	9.949	247.508	3.744	0.16722	2.58934	6	X
K11K12V	16.1	0.15	K129U	63.351	105.963	181.518	17.155	0.17302	3.05297	5	X
K11K17J	16.6	0.15	K129U	79.614	83.651	183.752	14.499	0.24972	3.17536	5	X
K11K19Z	13.4	0.15	K129U	58.089	32.606	268.180	20.930	0.13862	5.21408	3	X
K11K23X	16.3	0.15	K129U	97.964	178.389	92.309	12.803	0.14913	2.62161	4	X
K11K39L	16.7	0.15	K129U	56.408	343.225	324.814	2.680	0.05766	2.66924	6	X
K11K46H	17.6	0.15	K129U	281.379	64.420	37.185	7.611	0.07140	2.29134	4	X
K11K46O	17.4	0.15	K129U	79.679	21.936	260.298	2.432	0.17219	2.79652	4	X
K11L02G	17.7	0.15	K129U	144.764	28.652	199.071	5.763	0.15990	2.33732	4	X
K11L05N	17.3	0.15	K129U	261.449	352.669	130.934	7.167	0.04902	2.26776	3	X
K11L11C	15.9	0.15	K129U	31.346	149.321	174.934	17.357	0.20040	3.14156	7	X
K11L12O	16.9	0.15	K129U	83.689	52.113	222.530	11.976	0.17561	2.77488	4	X
K11L13U	16.4	0.15	K129U	89.304	113.137	162.449	10.110	0.12035	2.71233	7	X
K11L20C	13.6	0.15	K129U	61.266	50.130	265.531	3.507	0.14058	5.21310	4	X
K11L26R	17.6	0.15	K129U	134.805	103.119	126.319	4.175	0.11539	2.53167	5	X
K11O12K	15.1	0.15	K129U	319.550	136.110	293.191	11.345	0.06809	3.19093	6	X
K11O17K	16.1	0.15	K129U	139.435	285.533	339.966	12.613	0.21026	2.42964	6	X
K11O18J	16.2	0.15	K129U	173.459	337.140	255.359	13.466	0.07598	2.65429	6	X
K11O44U	14.3	0.15	K129U	27.894	160.813	169.761	3.552	0.17935	5.19052	5	X
K11P14T	13.3	0.15	K129U	8.853	357.886	3.283	3.633	0.07706	5.21877	10	X
K11Q03T	16.2	0.15	K129U	268.933	244.300	260.744	13.684	0.10356	2.68909	5	X



K11Q13H	15.2	0.15	K129U	99.676	2.128	304.162	16.453	0.13437	3.05328	4	X
K11Q53W	13.6	0.15	K129U	45.234	82.623	253.662	9.385	0.06522	5.20456	6	X
K11Q76V	14.2	0.15	K129U	54.172	354.582	335.229	9.185	0.05056	5.13876	5	X
K11Q77D	14.4	0.15	K129U	65.471	13.081	289.308	3.652	0.15922	5.19641	5	X
K11SQ6V	13.9	0.15	K129U	69.681	75.138	228.485	2.527	0.07408	5.22902	4	X
K11Y76W	13.2	0.15	K129U	83.635	124.145	283.443	12.281	0.08583	5.15805	4	W
K12L11D	17.8	0.15	K129U	17.917	100.529	209.396	17.957	0.38544	2.76395	2	S
K12P02T	16.3	0.15	K129U	237.024	287.185	196.686	4.492	0.11234	2.78788	4	W
K12P14A	15.9	0.15	K129U	347.048	42.651	337.420	28.127	0.25035	3.16148	2	X
K12P14Q	17.1	0.15	K129U	37.181	27.342	255.481	8.908	0.18507	2.58830	3	S
K12P16W	17.4	0.15	K129U	5.457	135.419	210.792	1.364	0.07890	2.75507	5	X
K12Q02U	16.5	0.15	K129U	18.208	310.021	28.693	24.425	0.32892	2.35120	4	X
K12Q13D	15.7	0.15	K129U	4.541	359.384	359.482	9.942	0.09361	3.16171	6	X
K12Q19D	18.1	0.15	K129U	3.169	176.110	158.071	13.877	0.30056	2.58346	2	S
K12Q20T	16.4	0.15	K129U	108.212	263.866	347.522	8.143	0.02877	3.01571	3	X
K12Q23F	17.8	0.15	K129U	317.445	149.936	265.575	2.191	0.16337	2.25294	4	X
K12Q28O	16.6	0.15	K129U	107.860	317.794	291.647	0.953	0.02967	2.88211	7	X
K12Q33O	16.2	0.15	K129U	280.308	265.923	183.745	21.713	0.09011	2.67031	6	X
K12Q41N	16.6	0.15	K129U	355.307	36.329	324.307	13.118	0.26512	2.61317	3	X
K12Q49O	18.2	0.15	K129U	312.426	232.483	172.397	7.968	0.14002	2.26551	3	X
K12R03X	17.2	0.15	K129U	337.262	225.691	167.910	4.798	0.20750	2.61082	3	W
K12R07M	18.1	0.15	K129U	33.413	331.791	344.382	4.699	0.18648	2.21953	5	X
K12R08Z	15.7	0.15	K129U	4.308	337.272	46.469	13.919	0.17673	2.63288	8	W
K12R09C	17.8	0.15	K129U	352.480	122.763	250.667	5.737	0.21319	2.24466	2	S
K12R09U	17.6	0.15	K129U	351.918	153.805	216.587	12.122	0.30051	2.64667	2	X
K12R12L	17.6	0.15	K129U	21.296	308.758	10.793	7.214	0.28235	2.17400	6	X
K12R12W	15.7	0.15	K129U	68.271	285.683	15.272	14.783	0.11262	2.60536	5	X
K12R14H	17.3	0.15	K129U	352.071	49.417	336.787	5.703	0.14112	2.21987	4	X
K12R14J	17.7	0.15	K129U	9.731	106.384	244.945	4.397	0.21132	2.40920	3	X
K12R16J	18.1	0.15	K129U	343.523	235.481	155.133	4.605	0.24784	2.62776	4	W
K12R18M	17.8	0.15	K129U	323.771	90.790	341.413	3.810	0.27979	2.35883	3	W
K12R19C	15.6	0.15	K129U	4.412	183.326	182.342	15.557	0.15467	3.13805	4	X
K12R20Z	16.3	0.15	K129U	300.849	94.207	337.326	9.158	0.15063	2.67992	7	X
K12R21P	18.0	0.15	K129U	11.914	13.104	331.155	3.144	0.24399	2.60329	2	X
K12R21R	16.7	0.15	K129U	23.884	350.104	335.685	4.914	0.23666	2.79938	6	X
K12R22C	17.0	0.15	K129U	340.834	217.857	191.904	13.744	0.28792	2.59653	4	X
K12R24O	15.3	0.15	K129U	273.737	84.016	24.631	10.038	0.02702	3.17252	8	X
K12R29C	17.1	0.15	K129U	339.797	272.954	114.335	4.343	0.22459	2.66896	4	X
K12R34H	16.7	0.15	K129U	7.028	146.622	219.056	5.414	0.05869	2.71496	4	X
K12R34O	16.5	0.15	K129U	5.581	147.499	221.013	3.982	0.11418	2.90634	4	X
K12R35P	16.3	0.15	K129U	16.140	47.766	307.558	1.604	0.09636	3.15957	7	X
K12R37Q	17.6	0.15	K129U	316.315	101.749	321.015	2.859	0.22606	2.75508	4	X
K12R39B	15.8	0.15	K129U	359.766	99.885	277.654	4.626	0.11683	3.41193	4	X
K12R39L	17.3	0.15	K129U	10.771	329.594	356.787	16.217	0.30148	2.76786	3	X
K12R41R	16.9	0.15	K129U	7.157	20.305	339.536	3.566	0.16288	3.10583	5	X
K12S00B	17.6	0.15	K129U	324.643	207.015	203.444	20.862	0.12056	1.88920	4	W
K12S00G	17.2	0.15	K129U	265.554	313.168	148.585	2.389	0.03364	2.85676	6	X
K12S00Q	18.5	0.15	K129U	58.014	99.711	191.391	29.323	0.20938	1.82329	2	X
K12S04F	17.9	0.15	K129U	201.194	158.878	13.259	20.243	0.05656	1.92326	3	X
K12S06D	16.2	0.15	K129U	5.927	165.184	197.997	1.027	0.18457	3.13205	5	X
K12S06L	17.0	0.15	K129U	355.650	73.411	327.697	5.079	0.43288	2.65443	2	X
K12S07T	16.2	0.15	K129U	322.025	250.532	167.798	5.617	0.15200	3.17382	6	X
K12S08D	16.3	0.15	K129U	93.233	276.357	343.937	7.599	0.07261	3.03553	4	W
K12S11P	18.4	0.15	K129U	340.623	89.307	318.922	2.568	0.19222	2.38289	2	X
K12S11R	16.6	0.15	K129U	2.271	26.452	353.651	5.535	0.05161	2.71968	6	X
K12S11W	17.7	0.15	K129U	6.393	357.666	1.202	2.233	0.20532	2.35028	4	W
K12S13B	15.7	0.15	K129U	350.047	350.844	30.819	4.277	0.04059	3.16040	5	X
K12S13C	17.9	0.15	K129U	6.329	313.663	46.177	2.239	0.20711	2.41437	2	X
K12S13J	16.7	0.15	K129U	354.452	322.591	55.551	2.920	0.11764	2.89118	3	X
K12S15D	17.8	0.15	K129U	3.481	154.104	218.673	11.306	0.19953	2.62233	2	X
K12S15S	16.4	0.15	K129U	333.940	79.021	331.107	6.201	0.03763	2.70505	6	X
K12S16G	17.5	0.15	K129U	55.669	351.717	312.937	4.454	0.16253	2.52090	3	X
K12S16R	17.4	0.15	K129U	14.438	65.038	292.300	3.541	0.16631	2.51784	6	X
K12S16V	17.4	0.15	K129U	39.010	321.633	341.896	6.379	0.34900	2.65487	3	X
K12S17S	17.6	0.15	K129U	352.147	177.435	217.638	12.735	0.24796	2.96973	2	X
K12S18M	15.7	0.15	K129U	320.283	69.336	2.582	12.062	0.10451	3.06579	3	X
K12S19A	16.0	0.15	K129U	276.329	123.514	15.312	17.216	0.25421	3.05950	6	X
K12S20Q	15.1	0.15	K129U	288.975	169.432	260.695	6.862	0.04564	3.23800	4	X
K12S30F	13.8	0.15	K129U	77.521	286.293	349.787	6.792	0.07231	5.18471	5	X
K12S32L	17.0	0.15	K129U	38.530	88.148	210.498	11.470	0.12765	2.89913	5	X
K12S34O	17.3	0.15	K129U	350.140	24.541	352.087	4.365	0.14798	3.15159	4	X
K12S34R	15.7	0.15	K129U	194.990	171.479	357.407	13.035	0.02622	3.15442	2	X
K12S37A	15.0	0.15	K129U	140.133	220.190	355.807	2.371	0.10316	3.97483	6	X
K12S38S	15.1	0.15	K129U	300.743	246.130	186.509	13.660	0.09283	3.22504	5	X
K12S40U	16.3	0.15	K129U	154.120	2.972	205.308	5.224	0.02982	2.92231	5	X
K12S40W	17.6	0.15	K129U	152.679	339.912	226.818	2.863	0.09645	2.35110	6	X
K12S44R	16.1	0.15	K129U	320.647	217.014	201.350	11.851	0.17657	2.80976	6	X

K12S48L	15.9	0.15	K129U	207.555	149.525	14.297	10.140	0.11569	3.01137	5	X
K12S56D	18.0	0.15	K129U	326.328	105.362	325.045	3.815	0.25162	2.34647	4	X
K12S56H	17.4	0.15	K129U	80.328	357.576	274.991	4.940	0.24567	2.30234	3	X
K12S57T	17.5	0.15	K129U	4.900	350.370	23.012	6.276	0.19529	2.26032	5	X
K12S59C	14.1	0.15	K129U	16.382	148.810	186.578	7.480	0.15989	5.16231	5	X
K12S59X	16.1	0.15	K129U	331.401	234.922	168.691	9.117	0.11300	3.05787	6	X
K12S60V	15.9	0.15	K129U	64.294	104.236	189.550	12.144	0.04280	3.08083	5	X
K12T00X	16.6	0.15	K129U	328.096	69.733	338.277	3.642	0.06510	2.77895	4	X
K12T02X	16.6	0.15	K129U	344.842	197.210	203.063	4.038	0.08356	2.75357	7	X
K12T03N	16.4	0.15	K129U	266.025	226.355	224.516	8.974	0.09731	2.97898	3	X
K12T07M	16.3	0.15	K129U	195.723	309.081	229.067	8.972	0.04840	2.98903	3	W
PLS6865	16.4	0.15	K129U	337.429	28.782	5.291	15.511	0.13991	2.51863	6	X

## New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K12F23Y	20.0	0.15	K129U	34.943	42.150	204.587	17.323	0.58206	2.41218	202	X
K12H150	19.4	0.15	K129U	16.155	111.680	188.090	25.963	0.64450	2.43811	171	X
K12H33Z	20.4	0.15	K129U	61.881	231.519	54.943	23.878	0.21034	1.19762	166	X
K12J11S	20.2	0.15	K129U	5.534	121.219	210.723	9.204	0.66494	2.85015	150	X
K12J17R	17.8	0.15	K129U	16.966	191.926	132.035	7.815	0.57226	2.62095	150	X
K12L09L	18.7	0.15	K129U	10.039	205.738	129.598	35.171	0.72658	2.72299	120	X
<b>K12L11K</b>	<b>20.3</b>	<b>0.15</b>	<b>K129U</b>	<b>19.498</b>	<b>159.205</b>	<b>152.676</b>	<b>5.078</b>	<b>0.58810</b>	<b>2.43431</b>	<b>117</b>	<b>W</b>
K12O00O	20.6	0.15	K129U	15.317	179.799	160.963	4.833	0.38340	1.69672	87	X
<b>K12O01D</b>	<b>18.6</b>	<b>0.15</b>	<b>K129U</b>	<b>203.801</b>	<b>224.373</b>	<b>303.760</b>	<b>42.277</b>	<b>0.50243</b>	<b>0.82887</b>	<b>84</b>	<b>W</b>
K12Q10O	18.8	0.15	K129U	320.074	188.338	262.394	5.746	0.48300	1.66380	56	X
<b>K12Q10Q</b>	<b>20.7</b>	<b>0.15</b>	<b>K129U</b>	<b>31.889</b>	<b>227.687</b>	<b>65.653</b>	<b>3.971</b>	<b>0.46736</b>	<b>1.93533</b>	<b>52</b>	<b>W</b>
K12Q17B	20.0	0.15	K129U	352.606	147.350	232.635	5.745	0.36872	1.85892	49	X
<b>K12Q50E</b>	<b>18.9</b>	<b>0.15</b>	<b>K129U</b>	<b>341.907</b>	<b>224.711</b>	<b>194.021</b>	<b>11.912</b>	<b>0.44128</b>	<b>1.73418</b>	<b>43</b>	<b>W</b>
K12R15O	23.8	0.15	K129U	22.090	324.359	356.429	12.458	0.36318	1.62269	27	X
<b>K12R16R</b>	<b>24.5</b>	<b>0.15</b>	<b>K129U</b>	<b>29.652</b>	<b>145.711</b>	<b>170.062</b>	<b>3.845</b>	<b>0.29596</b>	<b>1.38025</b>	<b>26</b>	<b>W</b>
K12R16V	19.6	0.15	K129U	347.353	67.623	9.083	20.466	0.67440	2.75510	27	X
<b>K12S20W</b>	<b>19.7</b>	<b>0.15</b>	<b>K129U</b>	<b>19.679</b>	<b>61.600</b>	<b>210.262</b>	<b>10.231</b>	<b>0.68241</b>	<b>2.45514</b>	<b>22</b>	<b>W</b>
K12S32G	21.6	0.15	K129U	311.846	259.059	174.744	18.616	0.26439	1.30081	19	X
K12S49Z	22.7	0.15	K129U	17.705	310.041	19.075	5.838	0.33636	1.58227	19	X
K12S56S	22.0	0.15	K129U	7.342	163.793	184.023	45.882	0.44733	1.88919	16	X
K12S59A	18.9	0.15	K129U	353.259	95.268	305.524	9.510	0.52186	2.68231	15	X
K12T00S	20.8	0.15	K129U	142.333	21.182	190.932	16.499	0.11343	0.99057	7	X
<b>K12T04C</b>	<b>26.7</b>	<b>0.15</b>	<b>K129U</b>	<b>322.004</b>	<b>233.685</b>	<b>198.721</b>	<b>1.409</b>	<b>0.29405</b>	<b>1.28416</b>	<b>7</b>	<b>X</b>
K12T05S	22.0	0.15	K129U	12.912	335.916	10.134	19.980	0.22864	1.41360	6	X
K12T05T	21.8	0.15	K129U	17.250	272.166	12.404	15.191	0.65311	2.06467	5	X
K12T20R	24.4	0.15	K129U	0.182	168.699	196.874	14.333	0.57293	2.43615	3	X
K12T43C	22.3	0.15	K129U	6.225	110.651	210.027	9.416	0.70295	3.76710	3	S
<b>K12T52Y</b>	<b>21.3</b>	<b>0.15</b>	<b>K129U</b>	<b>315.774</b>	<b>252.503</b>	<b>221.834</b>	<b>9.602</b>	<b>0.55096</b>	<b>1.65886</b>	<b>4</b>	<b>W</b>
K12T52Z	20.7	0.15	K129U	336.465	201.968	206.448	17.683	0.30931	1.60735	3	X
K12T53B	23.0	0.15	K129U	89.150	263.396	359.051	14.534	0.16037	1.25322	3	X
K12T53F	21.3	0.15	K129U	290.690	282.244	201.203	6.131	0.36985	1.42757	3	X
K12T53G	23.3	0.15	K129U	5.368	323.598	17.157	2.678	0.56243	2.17594	2	W
K12T78Q	19.5	0.15	K129U	231.250	119.024	51.874	11.459	0.38621	1.20224	5	S
K12T78S	18.5	0.15	K129U	158.046	196.315	8.317	32.643	0.38097	1.60727	3	S
K12T78T	20.2	0.15	K129U	294.288	238.444	246.758	7.543	0.40497	1.94521	3	S
K12T78V	19.2	0.15	K129U	296.238	244.266	252.122	7.460	0.54720	1.81286	4	X
K12T79D	24.4	0.15	K129U	338.375	249.584	199.003	8.120	0.59588	1.98097	3	X
K12T79E	26.7	0.15	K129U	333.547	60.259	13.683	3.281	0.44816	1.62361	2	K
K12T79F	27.4	0.15	K129U	266.131	264.876	200.634	1.012	0.03525	1.04637	2	K
K12T79G	26.7	0.15	K129U	357.108	15.755	2.432	1.060	0.57655	2.45165	2	K
K12T79H	21.8	0.15	K129U	342.713	287.863	156.599	7.650	0.64648	2.60726	1	K
K12T79J	23.4	0.15	K129U	327.951	241.447	187.959	11.867	0.34822	1.55141	1	K
K12T79K	23.4	0.15	K129U	0.683	337.052	25.051	10.617	0.56746	2.60891	1	K
K12T79L	25.5	0.15	K129U	345.219	32.126	12.083	8.461	0.39615	1.79715	1	K
K12T79M	26.6	0.15	K129U	4.159	331.777	15.985	2.932	0.54720	2.10869	1	X
K12T79Y	19.7	0.15	K129U	336.322	54.142	23.601	19.658	0.41884	2.23399	4	K
K12T79Z	22.4	0.15	K129U	64.394	262.326	8.151	11.026	0.31980	1.42751	2	K

## New one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K12P25Z	19.7	0.15	K129A	81.007	270.380	12.238	37.713	0.17090	1.72816	56	W
K12P29U	19.2	0.15	K129A	14.965	322.567	344.757	9.305	0.32649	2.68316	58	X
K12Q13B	18.1	0.15	K129A	1.578	194.029	160.399	3.352	0.21490	2.36249	51	X
K12Q27B	18.9	0.15	K129A	18.694	63.649	254.376	1.195	0.28969	2.85493	47	X
K12Q41X	16.3	0.15	K129A	346.965	42.392	330.594	17.785	0.34691	3.06678	48	W
K12R01H	16.3	0.15	K129A	323.624	68.898	341.959	25.985	0.31123	3.17503	57	W
K12R03Z	16.9	0.15	K129A	16.284	149.005	203.512	11.528	0.15720	2.78178	32	X
K12R09H	16.0	0.15	K129A	343.383	44.288	348.217	10.703	0.07645	3.15725	29	X
K12R09K	17.2	0.15	K129A	28.534	354.771	339.282	7.643	0.12697	2.70464	29	X
K12R17K	17.5	0.15	K129A	339.658	210.831	173.906	4.889	0.14270	2.26509	29	X
K12R18W	16.6	0.15	K129A	29.282	124.294	181.746	20.362	0.33243	3.05173	27	W
K12R19M	16.0	0.15	K129A	16.646	6.330	343.233	11.936	0.19632	2.60836	25	X

K12R21S	18.2	0.15	K129A	11.654	139.600	198.042	1.937	0.23173	2.47799	27	X
K12R21W	15.3	0.15	K129A	7.976	346.278	1.723	14.153	0.15065	3.21879	49	W
K12R22O	16.6	0.15	K129A	27.853	195.144	138.009	2.671	0.09741	3.04259	26	X
K12R22V	16.4	0.15	K129A	299.094	265.968	170.620	7.359	0.08412	2.43856	27	X
K12R24A	17.9	0.15	K129A	356.212	354.701	17.800	21.964	0.12738	1.86034	27	X
K12R24M	18.7	0.15	K129A	11.722	201.491	143.173	1.032	0.26361	2.31397	25	X
K12R24S	17.2	0.15	K129A	347.269	9.772	18.076	7.615	0.11365	2.36036	26	X
K12R25D	13.8	0.15	K129A	45.249	63.162	239.138	2.062	0.07220	5.17679	26	X
K12R31E	17.6	0.15	K129A	358.595	192.625	170.707	8.212	0.23480	2.56156	27	X
K12R33R	17.1	0.15	K129A	25.907	200.506	127.050	3.543	0.16555	2.41937	27	X
K12R34G	18.3	0.15	K129A	55.925	107.698	190.279	20.819	0.08083	1.88007	26	X
K12R38T	17.1	0.15	K129A	327.370	60.465	324.146	7.599	0.19842	2.70369	25	X
K12R40N	18.1	0.15	K129A	1.114	354.187	355.353	6.001	0.27011	2.27689	47	X
K12R42A	15.8	0.15	K129A	344.429	16.157	16.482	5.683	0.05190	2.79571	26	X
K12S00F	17.4	0.15	K129A	65.937	96.452	176.007	15.427	0.18735	2.99219	26	X
K12S00W	17.9	0.15	K129A	341.879	24.579	9.680	13.502	0.29715	2.62513	27	X
K12S01A	13.0	0.15	K129A	33.337	147.631	175.485	16.008	0.14481	5.27406	26	X
K12S01X	17.1	0.15	K129A	353.476	18.467	7.596	10.524	0.17584	2.76214	25	X
K12S02R	17.3	0.15	K129A	53.163	343.285	312.826	4.812	0.16801	2.61234	24	X
K12S02S	18.8	0.15	K129A	336.699	219.468	172.909	2.721	0.21553	2.33299	24	X
K12S03H	16.6	0.15	K129A	285.917	276.904	186.762	6.757	0.19999	2.68078	24	X
K12S03K	18.0	0.15	K129A	350.661	209.574	171.427	4.601	0.21593	2.76328	23	X
K12S03P	17.3	0.15	K129A	13.765	210.800	135.309	2.598	0.19604	2.67810	24	X
K12S04L	16.4	0.15	K129A	50.951	246.827	56.786	4.655	0.15399	3.05678	24	X
K12S05C	18.2	0.15	K129A	56.193	292.560	3.108	18.819	0.07951	1.92005	27	X
K12S05R	17.9	0.15	K129A	344.719	201.462	188.546	13.015	0.28814	2.65327	24	X
K12S06Q	17.8	0.15	K1281	2.932	280.575	53.571	3.055	0.23146	2.40355	110	X
K12S07K	16.2	0.15	K129A	71.818	292.012	349.692	8.389	0.06557	2.98772	24	X
K12S08S	17.2	0.15	K129A	30.032	139.198	176.116	16.428	0.19522	3.17772	46	X
K12S09A	16.5	0.15	K129A	316.473	237.698	180.794	10.418	0.10061	3.17235	24	X
K12S09X	16.7	0.15	K129A	357.602	77.517	297.801	7.717	0.21983	2.63485	24	X
K12S10D	16.5	0.15	K129A	6.523	162.463	204.687	32.257	0.15450	2.61672	24	W
K12S10X	15.7	0.15	K129A	9.963	16.535	340.664	8.890	0.35566	3.01288	50	W
K12S11F	17.1	0.15	K129A	355.914	25.197	354.996	10.061	0.22890	3.15489	25	X
K12S11G	17.0	0.15	K129A	63.252	295.424	353.200	8.835	0.18097	2.31550	25	X
K12S12H	17.7	0.15	K129A	324.495	244.874	169.662	3.684	0.19492	2.43951	24	X
K12S14J	18.9	0.15	K129A	14.009	55.155	285.936	4.067	0.26574	2.33256	24	X
K12S14L	16.0	0.15	K129A	345.972	169.180	221.603	14.860	0.05373	3.18747	24	X
K12S14M	16.4	0.15	K129A	39.298	75.267	249.061	8.033	0.13298	3.05106	24	X
K12S14R	15.8	0.15	K129A	320.182	181.490	242.901	8.675	0.11032	3.12597	24	X
K12S14Y	18.3	0.15	K129A	168.814	356.725	202.359	22.460	0.04689	1.85628	24	S
K12S14Z	18.4	0.15	K129A	55.229	55.684	244.414	5.239	0.14415	2.15522	24	X
K12S15G	15.4	0.15	K129A	64.339	76.877	233.453	9.663	0.02927	3.11543	24	X
K12S15H	18.0	0.15	K129A	306.500	195.299	238.487	6.282	0.08589	2.22947	24	X
K12S15N	16.6	0.15	K129A	171.360	306.414	257.365	5.399	0.10181	2.42792	24	X
K12S15U	16.9	0.15	K129A	19.016	57.341	291.238	3.857	0.16738	2.78214	24	X
K12S16C	17.0	0.15	K129A	61.695	67.041	223.308	10.841	0.18432	2.64633	24	X
K12S16E	18.4	0.15	K129A	298.877	191.062	253.385	4.627	0.12780	2.19329	24	X
K12S16F	16.8	0.15	K129A	346.994	137.890	249.894	5.902	0.04209	2.76854	24	X
K12S16J	16.9	0.15	K129A	20.293	83.225	270.131	4.637	0.01983	2.78708	24	X
K12S16K	19.0	0.15	K129A	12.183	68.155	275.588	3.546	0.30458	2.61173	24	X
K12S16L	18.6	0.15	K129A	340.225	73.574	321.359	4.788	0.14764	2.19972	24	X
K12S16M	17.5	0.15	K129A	20.243	102.752	232.374	5.514	0.25542	2.64839	24	X
K12S16P	16.4	0.15	K129A	5.109	61.525	307.985	5.098	0.02776	2.75989	24	X
K12S16Q	16.1	0.15	K129A	321.275	187.914	228.863	8.513	0.03118	2.96488	24	X
K12S16Y	16.6	0.15	K129A	341.206	190.923	211.257	14.515	0.19213	3.13525	24	X
K12S17A	17.6	0.15	K129A	73.349	55.272	233.145	5.965	0.10654	2.39040	24	X
K12S17U	16.4	0.15	K129A	287.893	201.302	253.677	4.896	0.02342	2.91462	24	X
K12S17X	16.1	0.15	K129A	236.488	297.502	201.056	8.600	0.04665	3.09983	23	X
K12S17Y	17.3	0.15	K129A	27.221	13.058	331.288	4.702	0.06967	2.68347	24	X
K12S18K	18.3	0.15	K129A	9.119	147.975	201.316	17.086	0.33442	2.61287	24	X
K12S18N	16.7	0.15	K129A	5.809	9.975	1.667	11.344	0.12172	3.10278	24	X
K12S18P	16.5	0.15	K129A	34.838	124.057	214.082	15.032	0.08518	3.02908	24	X
K12S18Q	16.9	0.15	K129A	356.193	33.057	349.565	5.813	0.05217	2.72804	24	X
K12S18Y	16.8	0.15	K129A	356.568	137.245	246.630	3.462	0.21143	3.20857	24	X
K12S19C	16.3	0.15	K129A	85.457	51.947	238.463	4.968	0.04733	2.86406	24	X
K12S19F	17.0	0.15	K129A	310.169	192.937	245.767	3.934	0.09452	2.72408	24	X
K12S19J	16.2	0.15	K129U	22.232	311.206	30.870	8.197	0.15233	2.80253	23	X
K12S20M	17.8	0.15	K129U	321.395	156.766	274.794	3.008	0.13916	2.59717	21	X
K12S20U	16.1	0.15	K129A	27.581	282.649	37.766	15.329	0.30595	2.77219	30	X
K12S22L	19.8	0.15	K129A	347.064	212.154	177.918	9.506	0.42209	2.62216	27	W
K12S25U	18.0	0.15	K129A	357.582	12.773	356.194	7.385	0.25397	3.14902	23	X
K12S26H	17.2	0.15	K129A	6.199	4.486	355.848	6.647	0.03481	2.72011	23	X
K12S26W	17.4	0.15	K129A	359.207	2.378	4.631	12.484	0.18878	3.03417	23	X
K12S31C	16.5	0.15	K129A	279.043	83.939	27.765	22.357	0.05450	2.60103	24	X
K12S34E	17.0	0.15	K129U	332.429	203.270	193.047	4.144	0.08107	2.80367	23	X
K12S34F	17.0	0.15	K129U	16.192	352.034	355.334	5.821	0.01218	2.76706	23	X

K12S35L	18.1	0.15	K129U	18.638	351.097	344.405	2.884	0.19222	2.74006	23	X
K12S35U	18.5	0.15	K129U	355.427	12.620	357.719	4.781	0.13514	2.24350	23	X
K12S35Y	16.7	0.15	K129U	3.839	178.173	181.059	9.114	0.06550	3.14945	23	X
K12S36H	16.8	0.15	K129U	94.235	72.750	181.094	17.150	0.14063	2.97753	23	W
K12S37F	16.8	0.15	K129U	37.793	325.954	351.680	4.636	0.09064	2.85599	23	X
K12S38X	17.9	0.15	K129U	356.975	29.175	339.025	3.280	0.10841	2.76038	23	X
K12S39H	16.7	0.15	K129U	220.786	153.876	356.891	16.532	0.11923	2.67452	23	X
K12S39V	15.9	0.15	K129U	161.814	235.870	323.759	3.875	0.08786	3.09489	23	X
K12S40A	17.0	0.15	K129A	331.542	176.718	217.377	3.145	0.10278	2.78217	47	X
K12S40Q	17.5	0.15	K129U	352.726	31.602	341.373	6.158	0.08631	2.75654	23	X
K12S40S	16.4	0.15	K129A	323.349	48.738	350.887	9.641	0.04206	3.01348	46	X
K12S40T	16.1	0.15	K129U	57.570	103.038	196.271	9.591	0.06887	3.47369	23	W
K12S41F	13.8	0.15	K129U	168.082	347.880	205.873	7.771	0.04874	5.17575	23	X
K12S41J	18.7	0.15	K129U	7.890	155.616	196.535	8.329	0.22038	2.73040	23	X
K12S41R	18.1	0.15	K129U	1.417	32.213	330.849	3.932	0.09847	2.61135	23	X
K12S45P	16.9	0.15	K129U	346.777	4.301	15.488	10.050	0.07341	3.05542	20	X
K12S46B	17.2	0.15	K129A	303.637	88.847	344.406	2.064	0.16549	2.73494	46	X
K12S51B	17.2	0.15	K129U	37.464	335.593	345.619	5.755	0.20407	2.54689	17	X
K12S51C	16.4	0.15	K129U	1.462	167.235	206.156	12.526	0.19077	2.77268	16	X
K12S55N	17.8	0.15	K129U	354.984	8.536	15.937	11.740	0.23807	2.78239	20	X
K12S55Z	17.5	0.15	K129A	10.424	156.845	187.488	12.532	0.30421	2.67949	27	X
K12S56X	18.5	0.15	K129A	6.615	181.292	166.752	3.774	0.12471	2.17456	46	X
K12S57X	18.1	0.15	K129U	28.610	319.902	14.730	1.155	0.24679	2.34588	16	X
K12S58V	17.6	0.15	K129A	2.167	154.403	200.686	15.946	0.24845	2.58793	27	X
K12S59E	17.7	0.15	K129A	1.618	249.351	108.655	2.223	0.19759	2.40544	25	X
K12S59L	16.0	0.15	K129A	339.879	41.228	1.432	12.522	0.20503	3.14348	25	X
K12S59N	16.6	0.15	K129A	44.384	304.548	8.661	7.694	0.20752	2.64947	25	X
K12S59T	16.6	0.15	K129A	10.018	346.745	2.288	6.668	0.02715	2.79123	24	X
K12S60Q	18.6	0.15	K129A	19.946	156.952	168.688	5.557	0.19765	2.20794	46	X
K12S62J	18.1	0.15	K129U	355.798	149.281	232.845	5.708	0.11428	2.28299	19	X
K12S63D	16.6	0.15	K129U	351.860	14.360	14.179	18.733	0.26168	3.05768	17	X
K12S63K	18.1	0.15	K129U	257.323	278.762	196.554	22.231	0.03217	2.00675	16	X
K12S64B	18.0	0.15	K129U	9.885	203.751	142.104	2.859	0.21790	2.64828	14	W
K12T00F	14.1	0.15	K129U	53.061	141.473	157.366	6.103	0.11884	5.17745	20	X
K12T00H	18.5	0.15	K129U	2.775	348.274	11.535	35.898	0.26586	2.59498	15	W
K12T00L	12.8	0.15	K129A	21.223	315.971	25.761	24.316	0.08822	5.21512	26	X
K12T00M	14.1	0.15	K129A	79.076	238.815	41.878	4.728	0.07477	5.15273	25	X
K12T02C	15.9	0.15	K129U	322.835	66.654	17.501	16.472	0.33102	3.01158	6	W
K12T02D	17.6	0.15	K129U	7.602	177.228	183.432	6.910	0.10364	2.23221	7	X
K12T02U	18.1	0.15	K129U	344.035	187.704	212.107	3.150	0.13553	2.21028	6	W
K12T02W	18.9	0.15	K129U	8.771	160.273	202.297	3.791	0.27741	2.56300	6	X
K12T03C	17.9	0.15	K129A	14.943	276.687	57.475	5.841	0.25938	2.33401	26	X
K12T03H	18.9	0.15	K129U	352.485	203.014	178.846	12.617	0.23921	2.49033	6	X
K12T03J	18.9	0.15	K129U	5.617	30.447	321.511	1.921	0.20877	2.37366	6	X
K12T04W	13.8	0.15	K129U	3.143	335.467	29.121	20.637	0.13264	5.17471	6	X
K12T04X	14.3	0.15	K129U	47.077	259.574	47.516	6.237	0.17136	5.36925	6	W
K12T04Y	14.0	0.15	K129U	30.592	296.684	39.085	4.899	0.04568	5.09797	6	X
K12T06K	17.6	0.15	K129U	43.644	215.294	96.170	3.926	0.17883	2.31645	6	X
K12T06L	17.8	0.15	K129U	37.066	207.446	110.990	2.312	0.19252	2.33948	6	X
K12T06N	18.0	0.15	K129U	355.720	310.077	67.953	2.225	0.20821	2.31440	6	X
K12T06O	15.8	0.15	K129U	253.374	54.342	73.915	4.860	0.07654	2.80251	6	X
K12T06R	18.6	0.15	K129U	33.846	111.372	192.851	30.264	0.37650	2.80247	6	W
K12T07J	14.2	0.15	K129A	342.418	170.896	203.150	2.795	0.06165	5.11973	25	X
K12T08N	16.8	0.15	K129U	13.604	152.615	205.590	18.634	0.20977	3.07656	5	X
K12T08U	18.4	0.15	K129U	30.656	324.106	358.374	2.728	0.28178	2.29900	5	X
K12T08V	16.8	0.15	K129U	7.835	4.986	2.935	3.354	0.14011	2.75289	5	X
K12T08W	15.5	0.15	K129U	288.616	256.966	207.758	12.267	0.11598	3.16649	5	X
K12T09G	18.3	0.15	K129U	345.246	13.480	17.271	25.151	0.15730	2.18662	5	X
K12T09J	17.0	0.15	K129U	356.714	16.219	9.988	2.332	0.19315	2.70978	5	X
K12T09L	17.3	0.15	K129U	355.866	8.957	16.811	8.609	0.23981	2.73975	5	X
K12T09M	18.1	0.15	K129U	8.145	159.042	204.442	14.703	0.27177	2.59953	5	X
K12T10D	16.7	0.15	K129U	39.341	123.656	192.003	28.949	0.24594	2.53180	5	X
K12T10G	16.9	0.15	K129U	359.828	47.962	329.078	4.436	0.28840	3.20695	5	X
K12T10H	16.0	0.15	K129U	34.125	339.314	358.058	10.068	0.10491	3.11340	5	W
K12T10K	16.7	0.15	K129U	0.487	19.066	357.004	6.528	0.17232	2.66549	5	X
K12T12F	16.8	0.15	K129U	10.825	345.446	11.713	13.568	0.28870	3.02922	5	X
K12T13R	18.5	0.15	K129U	349.063	150.566	243.386	3.482	0.19443	2.20241	4	X
K12T13S	16.9	0.15	K129U	34.345	316.580	10.762	14.095	0.23693	2.88568	4	X
K12T13V	16.9	0.15	K129U	347.769	40.239	354.692	6.188	0.12358	2.41019	4	X
K12T13W	16.5	0.15	K129U	41.014	119.662	214.498	14.640	0.06401	2.45084	4	X
K12T13X	17.1	0.15	K129U	0.405	157.432	223.316	11.104	0.16895	2.59287	4	W
K12T13Y	16.3	0.15	K129U	12.617	348.943	4.359	8.501	0.34889	3.12890	5	W
K12T13Z	17.8	0.15	K129U	4.016	114.871	258.058	3.140	0.21087	2.33847	4	X
K12T14A	18.6	0.15	K129U	21.457	0.960	334.353	2.866	0.32583	2.26178	4	X
K12T14B	17.8	0.15	K129U	32.578	342.516	343.816	2.946	0.24772	2.11950	4	W
K12T14T	19.0	0.15	K129U	107.123	77.508	185.312	20.828	0.07223	1.81703	4	X
K12T15D	19.0	0.15	K129U	40.636	135.794	164.838	6.647	0.32888	2.15686	4	X

K12T17C	16.7	0.15	K129U	264.519	117.875	22.095	2.981	0.28146	2.51293	5	W
K12T17H	17.6	0.15	K129U	272.787	266.929	196.721	4.767	0.01635	2.46387	5	W
K12T17L	18.1	0.15	K129U	351.591	331.266	60.892	0.865	0.36230	2.95017	5	W
K12T18Z	19.0	0.15	K129U	32.011	209.914	120.994	8.468	0.22196	2.22427	5	X
K12T19S	16.5	0.15	K129U	295.232	259.787	209.570	9.238	0.23476	2.56756	3	W
K12T19X	19.7	0.15	K129U	3.124	340.149	14.808	12.222	0.46617	2.96086	5	W
K12T21F	17.0	0.15	K129U	29.922	325.895	14.397	9.916	0.14466	2.66955	5	X
K12T21G	15.1	0.15	K129U	290.928	236.707	248.719	2.068	0.28604	3.98780	5	W
K12T21J	18.8	0.15	K129U	357.583	6.790	14.056	8.549	0.14058	2.18366	5	X
K12T21K	17.3	0.15	K129U	16.603	331.910	13.152	8.775	0.33292	3.10698	5	W
K12T21M	16.0	0.15	K129U	83.866	286.233	8.784	8.551	0.01575	3.16800	5	X
K12T21O	18.2	0.15	K129U	24.660	329.446	5.805	1.348	0.25719	2.37128	5	X
K12T21P	16.7	0.15	K129U	73.405	81.454	205.036	11.933	0.16982	2.61181	5	X
K12T21Q	16.5	0.15	K129U	287.436	252.869	213.236	4.897	0.12713	2.78148	5	X
K12T21R	18.7	0.15	K129U	32.147	316.319	5.940	4.615	0.26564	2.32804	5	X
K12T21S	16.5	0.15	K129U	335.312	36.968	10.402	6.970	0.05470	3.13486	5	X
K12T21V	18.1	0.15	K129U	68.965	90.386	204.592	1.016	0.13666	2.37394	5	X
K12T21W	19.2	0.15	K129U	11.450	343.619	13.747	1.226	0.22689	2.31988	5	W
K12T22B	18.2	0.15	K129U	1.005	75.324	300.036	0.637	0.16559	2.44957	5	X
K12T22H	16.8	0.15	K129U	284.112	274.814	222.044	2.975	0.34727	2.45069	5	X
K12T22K	16.8	0.15	K129U	309.183	250.997	202.738	14.053	0.21006	2.76788	5	X
K12T22L	16.7	0.15	K129U	359.082	178.723	202.551	12.687	0.17811	2.67304	5	X
K12T22Z	17.8	0.15	K129U	148.019	212.078	10.434	24.278	0.02970	2.04054	3	X
K12T23D	16.1	0.15	K129U	87.331	49.559	212.027	11.864	0.21489	2.45005	2	W
K12T25C	15.5	0.15	K129U	286.753	270.196	200.443	23.953	0.21457	3.12810	2	W
K12T25K	16.4	0.15	K129U	63.674	91.464	192.507	13.379	0.22183	2.71377	6	W
K12T26E	16.1	0.15	K129U	30.898	255.057	77.897	6.520	0.08511	3.25922	6	X
K12T26K	13.8	0.15	K129U	21.906	295.345	64.495	23.940	0.07926	5.25037	6	X
K12T26M	17.9	0.15	K129U	16.432	345.578	1.416	1.920	0.26054	2.31630	5	X
K12T26N	15.9	0.15	K129U	355.036	7.893	18.090	17.765	0.09196	3.11590	5	X
K12T26V	15.8	0.15	K129U	358.184	317.473	55.277	6.644	0.02060	2.86996	5	X
K12T27P	18.1	0.15	K129U	312.019	46.757	27.914	6.466	0.08248	2.16399	3	W
K12T28R	16.3	0.15	K129A	279.822	290.171	157.841	4.551	0.02622	2.73787	25	X
K12T29R	16.9	0.15	K129U	35.909	242.953	76.455	6.348	0.17202	2.68737	6	X
K12T29S	18.1	0.15	K129U	332.429	278.961	134.885	5.186	0.23932	2.40442	6	X
K12T29T	17.0	0.15	K129U	335.587	299.623	104.768	6.089	0.17064	2.75364	6	X
K12T30K	15.3	0.15	K129U	210.006	153.119	17.474	13.751	0.10471	3.05786	5	W
K12T30M	18.9	0.15	K129U	341.807	10.736	31.157	1.808	0.23402	2.42064	5	W
K12T30O	18.3	0.15	K129U	41.018	148.911	169.982	2.284	0.15241	2.17809	5	W
K12T31W	16.0	0.15	K129U	46.899	307.512	13.416	8.898	0.13851	3.22489	5	X
K12T31X	16.3	0.15	K129U	359.635	172.695	207.522	11.261	0.14793	3.02014	5	X
K12T31Y	15.5	0.15	K129U	51.460	306.549	15.269	10.733	0.08477	3.19488	5	X
K12T32B	17.3	0.15	K129U	1.894	163.300	212.119	9.030	0.18835	2.82435	5	X
K12T32C	16.0	0.15	K129U	64.942	98.211	209.318	10.946	0.07319	3.11744	5	X
K12T32E	17.7	0.15	K129A	344.157	149.232	244.126	1.133	0.14300	2.62589	26	X
K12T32F	19.1	0.15	K129U	347.877	38.143	3.446	3.933	0.34973	2.63839	5	X
K12T32G	18.5	0.15	K129U	5.505	156.658	211.206	3.837	0.17139	2.21493	5	X
K12T32H	15.8	0.15	K129U	266.775	190.927	316.294	1.244	0.32076	2.95551	5	X
K12T32J	18.2	0.15	K129U	28.908	307.647	14.392	10.385	0.32336	2.76581	5	X
K12T32K	17.0	0.15	K129U	327.438	46.341	16.766	16.609	0.15117	3.07913	5	X
K12T32L	17.1	0.15	K129U	10.095	341.102	21.301	16.444	0.24431	3.22201	5	X
K12T32M	17.9	0.15	K129U	3.746	350.863	18.599	10.757	0.31015	2.70625	5	X
K12T32O	18.0	0.15	K129U	4.305	353.194	16.350	8.076	0.26293	2.97861	5	X
K12T33F	16.2	0.15	K129U	13.204	347.576	10.449	3.462	0.23741	3.06296	5	W
K12T33G	16.2	0.15	K129U	333.902	206.373	207.279	9.396	0.10436	3.15242	5	X
K12T33X	17.6	0.15	K129U	18.553	337.859	9.535	6.679	0.19308	2.50488	4	W
K12T33Y	19.0	0.15	K129U	313.610	50.660	21.502	21.003	0.09781	1.97893	5	X
K12T34D	17.4	0.15	K129U	20.161	357.572	349.817	4.226	0.17147	2.27063	5	X
K12T34J	16.6	0.15	K129U	6.105	47.442	329.261	4.464	0.08431	2.54747	5	X
K12T34W	17.4	0.15	K129U	326.343	117.473	310.911	2.627	0.22604	2.65431	3	X
K12T34X	15.8	0.15	K129U	314.364	65.818	15.099	19.392	0.17378	3.01094	3	X
K12T34Y	16.6	0.15	K129U	38.827	124.562	210.812	8.538	0.04858	2.48659	3	W
K12T34Z	17.7	0.15	K129U	330.292	132.586	283.598	4.139	0.15057	2.29401	3	X
K12T35M	18.1	0.15	K129U	255.945	280.105	200.346	22.362	0.06634	1.90510	15	X
K12T35N	17.0	0.15	K129U	348.465	19.465	12.574	14.320	0.24937	2.60832	16	X
K12T35T	18.4	0.15	K129U	8.412	47.949	312.697	0.304	0.20336	2.37748	15	W
K12T35U	18.4	0.15	K129U	347.197	196.009	191.784	16.188	0.20167	2.53816	7	X
K12T37U	17.1	0.15	K129U	349.986	39.812	358.189	7.317	0.30948	2.73612	4	X
K12T37X	17.3	0.15	K129U	141.592	149.609	90.424	11.844	0.02355	2.66917	4	X
K12T43A	18.4	0.15	K129U	38.142	32.955	290.821	3.499	0.15328	2.43345	3	X
K12T43R	17.9	0.15	K129U	29.711	355.462	327.531	6.129	0.25589	3.25793	2	W
K12T43Z	16.2	0.15	K129U	268.615	271.687	217.796	11.941	0.19991	3.19400	2	W
K12T44B	16.3	0.15	K129U	165.554	355.813	207.762	26.894	0.09285	3.08707	2	W
K12T47Q	16.1	0.15	K129U	175.613	345.017	211.687	6.439	0.15129	2.76899	2	W
K12T47T	17.5	0.15	K129U	281.316	263.395	200.277	10.009	0.10438	2.77913	2	W
K12T47V	18.3	0.15	K129U	61.418	62.903	218.158	2.364	0.26590	2.51223	2	W
K12T47W	17.2	0.15	K129U	2.751	164.483	205.111	5.873	0.07586	2.68045	2	W

K12T47Y	17.2	0.15	K129U	225.905	159.814	356.275	3.027	0.11852	2.40140	2 W
K12T48G	16.3	0.15	K129U	12.222	156.547	203.406	15.445	0.06453	3.12095	2 W
K12T52N	20.2	0.15	K129U	358.158	60.967	312.257	3.173	0.35354	2.20450	2 X
K12T52O	13.7	0.15	K129U	199.527	269.239	264.846	6.456	0.01546	5.18774	2 W
K12T52S	13.6	0.15	K129U	289.361	237.070	226.309	11.185	0.13512	5.11797	2 W
K12T53L	17.3	0.15	K129U	17.464	336.913	9.578	9.107	0.19538	2.70484	6 W
K12T53O	17.7	0.15	K129U	325.109	46.477	26.759	2.227	0.21681	2.50814	5 W
K12T53Q	17.1	0.15	K129U	347.699	7.986	30.452	5.968	0.08621	2.71912	15 W
K12T53T	17.5	0.15	K129U	333.251	225.025	191.205	4.930	0.16613	2.20164	5 W
K12T54G	17.4	0.15	K129U	19.878	123.966	240.329	12.324	0.19006	2.88782	5 X
K12T54J	16.0	0.15	K129U	33.223	86.506	263.360	7.969	0.17668	3.21328	5 X
K12T54K	17.9	0.15	K129U	287.114	248.761	245.706	8.130	0.26507	2.06518	5 X
K12T54M	15.7	0.15	K129U	282.175	248.585	247.320	11.812	0.17862	3.02081	5 X
K12T55O	17.9	0.15	K129U	347.748	197.383	200.756	6.663	0.19587	2.50667	5 X
K12T55T	16.3	0.15	K129U	342.026	23.443	25.224	13.561	0.19602	3.22261	5 W
K12T56C	16.6	0.15	K129U	331.381	33.474	19.678	28.197	0.14311	2.42589	5 X
K12T58C	15.6	0.15	K129U	87.430	273.526	7.745	17.022	0.08569	3.20194	4 X
K12T58P	17.6	0.15	K129U	31.318	176.840	149.518	4.912	0.18778	2.24385	4 X
K12T58Q	18.4	0.15	K129U	23.188	268.125	68.289	4.151	0.20117	2.23493	4 X
K12T58R	16.5	0.15	K129U	61.549	148.869	144.845	5.800	0.16560	2.77419	4 X
K12T59H	19.0	0.15	K129U	315.237	118.796	320.122	3.671	0.20934	2.18019	3 X
K12T64G	17.5	0.15	K129U	18.512	124.013	213.767	12.877	0.32708	2.81132	3 X
K12T64J	16.3	0.15	K129U	7.422	26.890	342.448	7.124	0.09477	2.88756	3 X
K12T64M	18.0	0.15	K129U	21.951	338.755	5.761	11.259	0.20179	2.43573	3 X
K12T66W	15.5	0.15	K129U	276.375	250.942	221.625	9.956	0.08609	2.96490	3 X
K12T70X	17.8	0.15	K129U	23.553	112.631	223.294	10.278	0.24842	2.46696	2 X
K12T71H	16.6	0.15	K129U	272.940	249.922	224.133	10.346	0.07287	3.18066	2 X
K12T71J	15.7	0.15	K129U	88.403	45.372	217.598	14.253	0.24207	2.74323	2 X
K12T71K	17.0	0.15	K129U	83.976	286.803	1.616	12.451	0.05949	2.99142	2 X
K12T71L	15.8	0.15	K129U	203.886	173.755	7.637	17.744	0.13552	2.84675	2 X
K12T71M	17.1	0.15	K129U	29.010	109.511	231.456	7.899	0.12581	3.00578	2 X
K12T71P	16.9	0.15	K129U	51.102	301.793	358.274	10.119	0.25667	3.04888	2 X
K12T71Q	16.6	0.15	K129U	39.881	81.751	245.394	5.544	0.13016	2.79503	2 X
K12T71R	19.6	0.15	K129U	354.707	128.098	253.792	1.875	0.19006	2.01968	2 X
K12T71S	18.6	0.15	K129U	7.607	125.989	237.628	3.004	0.21062	2.41208	2 X
K12T71T	17.9	0.15	K129U	19.389	13.977	334.051	3.146	0.19536	2.72082	2 X
K12T77S	17.5	0.15	K129U	36.962	202.260	132.344	11.629	0.15907	3.14567	2 X
K12T78D	16.7	0.15	K129U	156.865	121.983	104.505	12.180	0.04394	3.07718	2 X
K12T78E	18.8	0.15	K129U	95.409	317.118	315.701	16.798	0.06677	1.88316	3EX
K12T78F	13.3	0.15	K129U	9.055	328.773	32.670	17.067	0.06580	5.30457	4EX
K12T78G	14.1	0.15	K129U	179.088	93.273	101.163	7.181	0.02677	5.13936	4EX
K12T78H	20.6	0.15	K129U	345.627	107.110	302.044	6.114	0.44611	2.58593	3 X
K12T78J	18.9	0.15	K129U	292.471	239.353	219.020	19.727	0.18578	1.90784	2EX
K12T78K	21.7	0.15	K129U	350.168	88.015	304.734	3.525	0.34912	2.22240	3 X
K12T78L	17.1	0.15	K129U	35.055	82.858	263.221	17.044	0.13227	1.93616	2EX
K12T78M	16.8	0.15	K129U	253.145	140.007	316.747	28.453	0.17677	1.81866	1EX
K12T78N	19.7	0.15	K129U	255.434	273.801	220.198	22.015	0.12518	1.85266	1ES
K12T78O	18.9	0.15	K129U	312.978	42.372	19.289	26.430	0.12301	1.82383	1EX
K12T78P	20.2	0.15	K129U	18.663	312.149	26.121	23.904	0.15812	1.83001	1EX
K12T78R	18.0	0.15	K129U	284.523	178.871	309.629	8.015	0.41994	2.32457	4 S
K12T78W	21.0	0.15	K129U	344.134	187.955	227.493	11.701	0.45792	2.54756	2ES
K12T78X	17.9	0.15	K129U	264.728	73.233	54.963	22.176	0.10654	1.81544	2ES
K12T78Y	18.4	0.15	K129U	37.930	81.276	230.393	3.952	0.45313	2.39111	2ES
K12T78Z	17.2	0.15	K129U	108.540	131.966	134.696	3.991	0.17742	2.02370	2ES
K12T79A	18.2	0.15	K129U	3.973	320.724	58.014	10.739	0.34193	2.01002	1ES
K12T79B	16.0	0.15	K129U	129.487	274.092	342.841	12.248	0.16646	2.06649	21ES
K12T79C	18.4	0.15	K129U	20.362	62.370	271.983	3.159	0.33778	2.67747	3 X
K12T79N	19.4	0.15	K129U	196.299	329.111	213.820	21.182	0.08666	1.90293	1EX
K12T79O	13.7	0.15	K129U	85.094	205.399	66.859	13.483	0.05487	5.25618	1ES
K12T79P	17.4	0.15	K129U	21.414	299.464	58.062	22.718	0.07284	1.90101	23 S
K12T79Q	13.7	0.15	K129A	87.330	280.762	359.274	18.170	0.13487	5.20987	24 S
K12T79R	13.9	0.15	K129U	47.527	16.123	316.097	6.435	0.07584	5.19252	20 S
K12T79S	13.9	0.15	K129U	327.710	197.392	220.785	19.992	0.09405	5.17383	16 S
K12T79T	13.8	0.15	K129U	63.991	79.032	223.227	20.382	0.13084	5.34661	20 S
K12T79U	14.7	0.15	K129U	338.479	165.393	237.121	7.524	0.03260	5.04464	1 X
K12T79V	14.2	0.15	K129U	335.045	162.040	248.158	6.661	0.05640	5.15360	1 X
K12T79W	14.9	0.15	K129U	294.269	149.470	311.017	4.302	0.07883	5.02164	16 X
K12T79X	15.0	0.15	K129U	262.670	196.589	301.750	2.726	0.09166	5.16921	20 X

## New observations:

K02T68Y	KC2012	10	12.04085	03	11	22.70	+28	44	10.1	17.4	RoET069B67
K02T68Y	KC2012	10	12.05038	03	11	23.10	+28	45	05.0	17.7	RoET069B67
K02T68Y	KC2012	10	12.06000	03	11	23.52	+28	46	00.9	17.6	RoET069B67
K04T19L	KC2012	10	11.92738	23	50	08.65	+16	15	08.9	18.6	RoET069B67
K04T19L	KC2012	10	11.93276	23	50	09.28	+16	14	56.0	18.8	RoET069B67
K04T19L	KC2012	10	11.93815	23	50	09.92	+16	14	42.8	18.6	RoET069B67
K04X44N	KC2012	10	11.28650202	16	12.94	+11	14	41.3	21.9	VuET069H21	

K04X44N	KC2012	10	11.29656802	16	12.13	+11	14	36.5	22.0	VuET069H21	
K04X44N	KC2012	10	11.30747002	16	11.29	+11	14	32.4	22.1	VuET069H21	
K05J01U	C2012	10	11.77758	01	56	34.10	-11	56	14.4	17.7	RoET069300
K05J01U	C2012	10	11.77947	01	56	33.42	-11	55	52.2	17.7	RoET069300
K05J01U	C2012	10	11.78137	01	56	32.70	-11	55	30.0	17.7	RoET069300
K05J01U	C2012	10	11.78232	01	56	32.33	-11	55	19.2	17.8	RoET069300
K05V05T	C2012	10	11.59552803	38	53.725+23	41	06.78	20.8	iLET069F51		
K05V05T	C2012	10	11.60969203	38	53.240+23	40	53.57	20.4	iLET069F51		
K06W01N	C2012	10	11.60286904	22	33.328+26	10	37.36	19.1	iLET069F51		
K06W01N	C2012	10	11.61695004	22	32.926+26	10	31.21	19.1	iLET069F51		
K07H00Z	C2012	10	11.35330801	49	03.946+15	35	13.20	19.0	wLET069F51		
K07H00Z	C2012	10	11.36832601	49	03.134+15	34	50.35	18.8	wLET069F51		
K07H00Z	C2012	10	11.38331301	49	02.312+15	34	27.46	19.0	wLET069F51		
K07H00Z	C2012	10	11.39838801	49	01.479+15	34	04.39	18.8	wLET069F51		
K09SA3O	C2012	10	11.33523	04	16	46.77	-05	00	40.4	17.5	VrET069703
K09SA3O	C2012	10	11.35112	04	16	48.90	-05	01	46.8	17.6	VrET069703
K09SA3O	C2012	10	11.35914	04	16	49.94	-05	02	20.5	17.9	VrET069703
K11G61Q	JC2012	10	11.19464	20	02	57.76	+24	36	53.6	21.2	RoET069695
K11G61Q	JC2012	10	11.19693	20	02	57.56	+24	36	52.8	21.4	RoET069695
K11G61Q	JC2012	10	11.20603	20	02	56.62	+24	36	50.9	21.2	RoET069695
K11J00K	JC2012	10	11.25544	02	57	21.04	+14	29	48.2	22.7	RoET069695
K11J00K	JC2012	10	11.26425	02	57	20.56	+14	29	45.1	22.6	RoET069695
K11J00K	JC2012	10	11.29968	02	57	18.52	+14	29	32.2	22.6	RoET069695
K12F23Y	KC2012	10	11.02486021	53	13.34	+03	57	32.9	22.7	VuET069H21	
K12F23Y	KC2012	10	11.04373521	53	14.18	+03	57	15.0	22.4	VuET069H21	
K12F23Y	KC2012	10	11.06491521	53	15.17	+03	56	53.7	22.5	VuET069H21	
K12H15O	C2012	10	09.55224402	43	51.158-09	12	43.48	18.8	iLET069F51		
K12H15O	C2012	10	09.56558302	43	49.413-09	13	27.85	18.7	iLET069F51		
K12H33Z	C2012	09	13.36929	05	49	30.33	-43	28	29.2	21.1	VuET069807
K12H33Z	C2012	09	13.37339	05	49	29.88	-43	28	27.7	21.2	VuET069807
K12H33Z	C2012	09	13.37748	05	49	29.45	-43	28	26.0	21.1	VuET069807
K12H33Z	C2012	09	13.38158	05	49	29.00	-43	28	24.4	20.8	VuET069807
K12H33Z	C2012	09	13.38567	05	49	28.57	-43	28	22.8	21.2	VuET069807
K12H33Z	C2012	10	11.37040	04	31	52.72	-36	54	38.8	20.0	VuET069807
K12H33Z	C2012	10	11.37417	04	31	51.72	-36	54	32.4	20.0	VuET069807
K12H33Z	C2012	10	11.37795	04	31	50.70	-36	54	25.9	20.0	VuET069807
K12H33Z	C2012	10	11.38187	04	31	49.66	-36	54	19.3	19.9	VuET069807
K12H33Z	C2012	10	11.38549	04	31	48.69	-36	54	13.3	20.0	VuET069807
K12J11S	C2012	10	12.12483	01	38	44.93	+28	10	42.3		uET069I15
K12J11S	C2012	10	12.12652	01	38	45.43	+28	10	29.6		uET069I15
K12J11S	C2012	10	12.12820	01	38	45.95	+28	10	16.9		uET069I15
K12J17R	C2012	10	11.33298	04	24	37.44	+02	52	32.8	18.1	VrET069703
K12J17R	C2012	10	11.35685	04	24	36.32	+02	52	24.2	18.1	VrET069703
K12L09L	C2012	10	11.34283	08	08	56.47	-22	29	02.2	20.9	VuET069807
K12L09L	C2012	10	11.34691	08	08	56.55	-22	29	03.3	21.1	VuET069807
K12L09L	C2012	10	11.35098	08	08	56.68	-22	29	03.6	21.0	VuET069807
K12L09L	C2012	10	11.35505	08	08	56.76	-22	29	04.3	20.9	VuET069807
K12L11K	JC2012	10	10.34157	04	03	25.54	+09	05	31.6	21.3	RoET069695
K12L11K	JC2012	10	10.34713	04	03	25.09	+09	05	29.3	21.0	RoET069695
K12L11K	JC2012	10	10.34991	04	03	24.88	+09	05	28.0	21.0	RoET069695
K12L11K	JC2012	10	10.35314	04	03	24.63	+09	05	26.2	21.1	RoET069695
K12O00O	C2012	10	11.33128	04	50	34.94	+04	48	07.5	18.5	VrET069703
K12O00O	C2012	10	11.33920	04	50	34.76	+04	48	02.4	19.0	VrET069703
K12O00O	C2012	10	11.34722	04	50	34.51	+04	47	57.1	19.5	VrET069703
K12O00O	C2012	10	11.35512	04	50	34.22	+04	47	51.1	19.6	VrET069703
K12O01D	JC2012	10	11.17848	18	10	19.61	+37	07	42.4	20.1	RoET069695
K12O01D	JC2012	10	11.18132	18	10	19.68	+37	07	39.5	20.1	RoET069695
K12O01D	JC2012	10	11.18365	18	10	19.75	+37	07	37.0	20.2	RoET069695
K12Q10O	KC2012	10	12.06480	21	11	43.62	+03	14	44.0		uET069I15
K12Q10O	KC2012	10	12.07128	21	11	43.01	+03	14	39.1		uET069I15
K12Q10O	KC2012	10	12.07777	21	11	42.46	+03	14	35.0		uET069I15
K12Q10Q	JC2012	10	10.20764	01	40	27.57	+00	45	29.3	20.9	RoET069695
K12Q10Q	JC2012	10	10.20915	01	40	27.46	+00	45	28.8	20.8	RoET069695
K12Q10Q	JC2012	10	10.21085	01	40	27.25	+00	45	29.7	20.8	RoET069695
K12Q17B	C2012	10	11.99917	22	41	21.67	+13	41	24.1		uET069I15
K12Q17B	C2012	10	12.00568	22	41	22.59	+13	41	19.6		uET069I15
K12Q17B	C2012	10	12.01218	22	41	23.49	+13	41	14.4		uET069I15
K12Q50E	JC2012	10	10.38734	05	29	23.90	+03	49	01.6	15.7	RoET069695
K12Q50E	JC2012	10	10.38787	05	29	24.38	+03	48	56.7	16.1	RoET069695
K12Q50E	JC2012	10	10.38840	05	29	24.84	+03	48	51.9	15.8	RoET069695
K12Q50E	JC2012	10	10.38892	05	29	25.32	+03	48	47.1	15.7	RoET069695
K12Q50E	C2012	10	10.62938805	33	02.712+03	12	35.69	15.8	zLET069F51		
K12Q50E	C2012	10	10.64207805	33	13.821+03	10	40.26	15.9	yLET069F51		
K12R15O	KC2012	10	11.11075500	10	32.19	+32	04	50.5	21.8	VuET069H21	
K12R15O	KC2012	10	11.12313800	10	31.33	+32	05	04.2	21.9	VuET069H21	
K12R15O	KC2012	10	11.13585800	10	30.47	+32	05	18.5	22.1	VuET069H21	
K12R16R	JC2012	10	10.28236	02	23	54.82	-04	03	10.9	21.0	RoET069695

K12R16R	]C2012	10	10.28491	02	23	54.57	-04	03	11.9	20.7	RoET069695
K12R16R	]C2012	10	10.28746	02	23	54.27	-04	03	13.2	20.6	RoET069695
K12R16V	C2012	10	11.97368	23	12	11.08	+18	40	52.8		uET069I15
K12R16V	C2012	10	11.97744	23	12	08.93	+18	41	29.7		uET069I15
K12R16V	C2012	10	11.98160	23	12	06.56	+18	42	10.3		uET069I15
K12S20W	]C2012	10	10.22112	23	38	22.31	+08	45	17.5	20.2	RoET069695
K12S20W	]C2012	10	10.22269	23	38	22.33	+08	45	14.3	20.0	RoET069695
K12S20W	]C2012	10	10.22529	23	38	22.36	+08	45	10.0	20.1	RoET069695
K12S20W	]C2012	10	10.22728	23	38	22.37	+08	45	07.1	20.2	RoET069695
K12S32G	]C2012	10	11.09418	21	01	56.23	-37	11	23.9	20.9	VuET069807
K12S32G	]C2012	10	11.09709	21	01	56.35	-37	11	36.4	21.0	VuET069807
K12S32G	]C2012	10	11.10000	21	01	56.45	-37	11	48.2	20.9	VuET069807
K12S32G	]C2012	10	11.10302	21	01	56.58	-37	12	00.6	20.8	VuET069807
K12S32G	]C2012	10	11.10580	21	01	56.70	-37	12	12.4	20.7	VuET069807
K12S49Z	C2012	10	11.22060	00	12	29.19	-01	12	13.5	19.7	VrET069G96
K12S49Z	C2012	10	11.22744	00	12	29.48	-01	11	50.2	19.9	VrET069G96
K12S49Z	C2012	10	11.23432	00	12	29.77	-01	11	26.9	19.7	VrET069G96
K12S49Z	C2012	10	11.24108	00	12	30.09	-01	11	03.9	19.8	VrET069G96
K12S56S	]C2012	10	11.25825	02	41	07.84	-62	20	44.3	20.7	VuET069807
K12S56S	]C2012	10	11.26232	02	41	08.01	-62	20	55.3	20.8	VuET069807
K12S56S	]C2012	10	11.26639	02	41	08.16	-62	21	06.4	20.7	VuET069807
K12S56S	]C2012	10	11.27046	02	41	08.31	-62	21	17.1	20.8	VuET069807
K12S56S	]C2012	10	11.27453	02	41	08.48	-62	21	28.5	20.7	VuET069807
K12S59A	KC2012	10	11.09196602	04	28.89	+48	56	38.2		18.9	VuET069H21
K12S59A	KC2012	10	11.09544102	04	29.17	+48	56	43.4		18.9	VuET069H21
K12S59A	KC2012	10	11.09852902	04	29.40	+48	56	48.3		18.7	VuET069H21
K12S59A	KC2012	10	12.10546	02	06	01.34	+49	21	15.7		uET069I15
K12S59A	KC2012	10	12.10986	02	06	01.73	+49	21	22.0		uET069I15
K12S59A	KC2012	10	12.11425	02	06	02.07	+49	21	28.6		uET069I15
K12T00S	]C2012	10	10.98652	21	27	55.00	-14	17	02.3	18.7	VuET069807
K12T00S	]C2012	10	10.98896	21	27	55.48	-14	17	14.4	18.8	VuET069807
K12T00S	]C2012	10	10.99140	21	27	55.96	-14	17	26.4	18.7	VuET069807
K12T00S	]C2012	10	10.99396	21	27	56.46	-14	17	39.0	18.8	VuET069807
K12T00S	KC2012	10	11.07309	21	28	12.77	-14	25	05.1	19.0	VuET069H21
K12T00S	KC2012	10	11.07555	21	28	13.26	-14	25	17.0	19.2	VuET069H21
K12T00S	KC2012	10	11.07800	21	28	13.74	-14	25	29.0	19.1	VuET069H21
K12T00S	KC2012	10	11.08046	21	28	14.22	-14	25	41.0	18.9	VuET069H21
K12T00S	KC2012	10	11.08292	21	28	14.72	-14	25	53.0	19.0	VuET069H21
K12T04C	C2012	10	10.08178	23	21	57.84	+01	57	23.3	16.8	RuET069H17
K12T04C	C2012	10	10.08934	23	21	52.99	+01	56	45.6	16.9	RuET069H17
K12T04C	C2012	10	10.10064	23	21	45.43	+01	55	48.2	17.3	RuET069H17
K12T04C	C2012	10	10.11778	23	21	33.45	+01	54	19.1	17.4	RuET069H17
K12T04C	]C2012	10	10.13410	23	21	29.25	+01	54	35.5	17.4	RoET069695
K12T04C	]C2012	10	10.13580	23	21	27.97	+01	54	26.6	17.0	RoET069695
K12T04C	]C2012	10	10.13695	23	21	27.10	+01	54	20.5	17.1	RoET069695
K12T04C	C2012	10	10.83821	23	14	16.89	+00	21	30.9	16.5	VuET069G40
K12T04C	IC2012	10	10.84316	23	14	09.94	+00	20	32.0	16.4	VuET069G40
K12T04C	C2012	10	10.86410	23	13	39.60	+00	16	15.6	16.5	VuET069G40
K12T04C	C2012	10	10.88441	23	13	08.25	+00	11	58.7	16.3	VuET069G40
K12T04C	KC2012	10	11.03234823	10	37.91	-00	28	31.8		15.8	VrET069H21
K12T04C	KC2012	10	11.03482223	10	33.66	-00	29	12.1		16.2	VrET069H21
K12T04C	KC2012	10	11.03728623	10	29.40	-00	29	52.2		16.0	VrET069H21
K12T04C	KC2012	10	11.03974723	10	25.10	-00	30	33.4		16.1	VrET069H21
K12T04C	KC2012	10	11.04220723	10	20.79	-00	31	14.1		16.0	VrET069H21
K12T04C	KC2012	10	11.04466823	10	16.43	-00	31	55.8		16.0	VrET069H21
K12T04C	KC2012	10	11.04630923	10	13.50	-00	32	23.3		16.2	VrET069H21
K12T04C	]C2012	10	11.10083	23	09	11.60	-00	44	44.2	16.1	RoET069695
K12T04C	]C2012	10	11.10175	23	09	09.82	-00	45	00.7	15.8	RoET069695
K12T04C	]C2012	10	11.10233	23	09	08.68	-00	45	11.5	15.9	RoET069695
K12T04C	C2012	10	11.21509	23	04	34.98	-01	26	56.5	15.6	VPET069716
K12T04C	C2012	10	11.23656	23	03	38.93	-01	35	10.2	15.7	VPET069716
K12T04C	C2012	10	11.25730	23	02	43.12	-01	43	25.6	15.9	VPET069716
K12T04C	C2012	10	11.27800	23	01	45.80	-01	51	59.8	15.7	VPET069716
K12T04C	C2012	10	11.30109	23	00	40.45	-02	01	57.6	16.0	VPET069716
K12T04C	C2012	10	11.48886	22	54	17.30	-03	43	14.2	15.0	RoET069300
K12T04C	C2012	10	11.49357	22	53	56.81	-03	46	29.6	14.8	RoET069300
K12T04C	C2012	10	11.49772	22	53	38.54	-03	49	23.8	15.1	RoET069300
K12T04C	C2012	10	11.49820	22	53	36.41	-03	49	44.0	14.8	RoET069300
K12T04C	C2012	10	11.49915	22	53	32.20	-03	50	24.1	14.9	RoET069300
K12T04C	C2012	10	11.49963	22	53	30.07	-03	50	44.4	15.1	RoET069300
K12T04C	C2012	10	11.50058	22	53	25.84	-03	51	24.7	15.2	RoET069300
K12T04C	C2012	10	11.50105	22	53	23.71	-03	51	44.8	15.4	RoET069300
K12T04C	C2012	10	11.50153	22	53	21.58	-03	52	05.0	15.4	RoET069300
K12T04C	C2012	10	11.50200	22	53	19.46	-03	52	25.3	15.3	RoET069300
K12T04C	C2012	10	11.50344	22	53	12.99	-03	53	26.7	14.7	RoET069300
K12T04C	C2012	10	11.50392	22	53	10.84	-03	53	47.0	14.6	RoET069300
K12T04C	C2012	10	11.50439	22	53	08.70	-03	54	07.5	14.9	RoET069300



K12T04C	C2012	10	11.50487	22	53	06.55	-03	54	27.8	15.5	RoET069300
K12T04C	C2012	10	11.50534	22	53	04.39	-03	54	48.0	15.9	RoET069300
K12T04C	C2012	10	11.50584	22	53	02.16	-03	55	09.4	15.7	RoET069300
K12T04C	C2012	10	11.50679	22	52	57.83	-03	55	50.5	14.7	RoET069300
K12T04C	C2012	10	11.50727	22	52	55.66	-03	56	11.2	14.5	RoET069300
K12T04C	C2012	10	11.50774	22	52	53.49	-03	56	31.5	14.6	RoET069300
K12T04C	C2012	10	11.50822	22	52	51.33	-03	56	52.0	14.9	RoET069300
K12T04C	C2012	10	11.50869	22	52	49.16	-03	57	12.6	15.3	RoET069300
K12T04C	C2012	10	11.50964	22	52	44.81	-03	57	53.8	15.3	RoET069300
K12T04C	C2012	10	11.51059	22	52	40.44	-03	58	35.3	15.1	RoET069300
K12T04C	C2012	10	11.51107	22	52	38.25	-03	58	56.0	15.2	RoET069300
K12T04C	C2012	10	11.56555	22	48	08.13	-04	41	18.9	15.2	RoET069300
K12T04C	C2012	10	11.56591	22	48	06.21	-04	41	36.7	14.7	RoET069300
K12T04C	C2012	10	11.56627	22	48	04.31	-04	41	54.5	14.6	RoET069300
K12T04C	C2012	10	11.56734	22	47	58.60	-04	42	48.4	14.7	RoET069300
K12T04C	C2012	10	11.56770	22	47	56.68	-04	43	06.4	14.8	RoET069300
K12T04C	C2012	10	11.60049	22	44	54.44	-05	11	46.6	14.4	RoET069300
K12T04C	C2012	10	11.60081	22	44	52.60	-05	12	04.1	14.2	RoET069300
K12T04C	C2012	10	11.60113	22	44	50.75	-05	12	21.6	14.1	RoET069300
K12T04C	C2012	10	11.60144	22	44	48.96	-05	12	38.6	14.2	RoET069300
K12T04C	C2012	10	11.60175	22	44	47.17	-05	12	55.4	14.3	RoET069300
K12T04C	C2012	10	11.60237	22	44	43.57	-05	13	29.7	15.1	RoET069300
K12T04C	C2012	10	11.60268	22	44	41.77	-05	13	46.6	15.7	RoET069300
K12T04C	C2012	10	11.60300	22	44	39.94	-05	14	04.4	15.9	RoET069300
K12T04C	C2012	10	11.60362	22	44	36.33	-05	14	38.5	15.1	RoET069300
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K12T04C	C2012	10	11.60488	22	44	28.99	-05	15	48.0	14.3	RoET069300
K12T04C	C2012	10	11.60519	22	44	27.20	-05	16	05.3	14.5	RoET069300
K12T04C	C2012	10	11.60551	22	44	25.30	-05	16	23.3	14.9	RoET069300
K12T04C	C2012	10	11.60583	22	44	23.44	-05	16	41.0	15.3	RoET069300
K12T04C	C2012	10	11.60613	22	44	21.69	-05	16	57.5	15.4	RoET069300
K12T04C	C2012	10	11.60645	22	44	19.82	-05	17	15.4	15.4	RoET069300
K12T04C	C2012	10	11.60676	22	44	17.99	-05	17	32.8	15.2	RoET069300
K12T04C	C2012	10	11.60708	22	44	16.11	-05	17	50.5	15.3	RoET069300
K12T04C	C2012	10	11.60740	22	44	14.27	-05	18	08.4	15.5	RoET069300
K12T04C	C2012	10	11.60771	22	44	12.44	-05	18	25.6	15.8	RoET069300
K12T04C	C2012	10	11.60803	22	44	10.57	-05	18	43.1	15.5	RoET069300
K12T04C	C2012	10	11.60834	22	44	08.75	-05	19	00.9	15.7	RoET069300
K12T04C	C2012	10	11.71323	22	38	24.31	-07	26	55.7	14.7	RoET069461
K12T04C	C2012	10	11.71350	22	38	22.37	-07	27	17.6	14.3	RoET069461
K12T04C	C2012	10	11.71376	22	38	20.46	-07	27	39.3	14.3	RoET069461
K12T04C	KC2012	10	11.74391	22	34	40.28	-08	12	39.6	14.7	RuET069113
K12T04C	KC2012	10	11.74481	22	34	32.95	-08	14	01.9	14.0	RuET069113
K12T04C	KC2012	10	11.74662	22	34	18.19	-08	16	48.2	14.5	RuET069113
K12T04C	KC2012	10	11.74752	22	34	10.79	-08	18	11.0	14.8	RuET069113
K12T04C	KC2012	10	11.74842	22	34	03.34	-08	19	35.3	14.4	RuET069113
K12T05S	KC2012	10	11.05973	23	51	31.31	+22	01	19.5	19.2	VuET069H21
K12T05S	KC2012	10	11.06317	23	51	30.40	+22	01	43.3	19.1	VuET069H21
K12T05S	KC2012	10	11.06649	23	51	29.51	+22	02	06.3	19.2	VuET069H21
K12T05S	KC2012	10	11.06968	23	51	28.66	+22	02	28.6	19.0	VuET069H21
K12T05S	KC2012	10	12.04052	23	47	31.11	+23	49	29.3		uET069I15
K12T05S	KC2012	10	12.04435	23	47	30.10	+23	49	53.8		uET069I15
K12T05S	KC2012	10	12.04817	23	47	29.08	+23	50	17.8		uET069I15
K12T05T	KC2012	10	10.89551	23	44	11.86	+01	57	13.0	19.1	RqET069204
K12T05T	KC2012	10	10.90537	23	44	11.78	+01	57	53.7		qET069204
K12T05T	KC2012	10	10.91607	23	44	11.68	+01	58	37.4		qET069204
K12T20R	KC2012	10	11.33864	02	46	33.63	+03	44	43.8	19.9	VuET069H21
K12T20R	KC2012	10	11.34163	02	46	35.96	+03	44	05.6	19.7	VuET069H21
K12T20R	KC2012	10	11.34462	02	46	38.26	+03	43	27.5	18.8	VuET069H21
K12T52Y	JC2012	10	11.21065	23	01	04.59	+13	19	01.2	20.6	RoET069695
K12T52Y	JC2012	10	11.21166	23	01	04.40	+13	18	59.8	20.7	RoET069695
K12T52Y	JC2012	10	11.21248	23	01	04.28	+13	18	58.5	20.7	RoET069695
K12T52Y	JC2012	10	11.21450	23	01	03.95	+13	18	55.1	20.7	RoET069695
K12T52Z	KC2012	10	10.08925	22	41	24.88	+19	42	32.1	18.5	VuET069G48
K12T52Z	KC2012	10	10.09203	22	41	25.17	+19	42	19.7	19.0	VuET069G48
K12T52Z	KC2012	10	10.11856	22	41	27.88	+19	40	19.3	18.5	VuET069G48
K12T52Z	KC2012	10	11.05164222	43	18.98	+18	27	44.3		18.9	VuET069H21
K12T52Z	KC2012	10	11.05407822	43	19.25	+18	27	33.3		18.9	VuET069H21
K12T52Z	IC2012	10	11.05636122	43	19.52	+18	27	22.7		18.6	VuET069H21
K12T53B	KC2012	10	11.20604100	10	41.09	+21	02	49.0			uET069H21
K12T53B	KC2012	10	11.21851600	10	38.91	+21	02	57.4		21.9	VuET069H21
K12T53B	KC2012	10	11.23182300	10	36.60	+21	03	06.8		22.2	VuET069H21
K12T53F	HC2012	10	11.34987	00	56	31.24	+07	34	24.4	19.4	RoET069291
K12T53F	HC2012	10	11.35076	00	56	31.10	+07	34	22.0	18.2	RoET069291
K12T53F	HC2012	10	11.35167	00	56	30.98	+07	34	22.2	19.6	RoET069291
K12T53F	C2012	10	11.46856000	56	19.182	+07	31	34.25		20.3	gLET069F51
K12T53F	C2012	10	11.48122000	56	17.794	+07	31	15.60		20.4	gLET069F51

K12T53G	KC2012	10	10.07677	21	58	42.79	-14	52	19.1	17.1	VuET069G48
K12T53G	KC2012	10	10.07755	21	58	44.69	-14	52	03.0	16.7	VuET069G48
K12T53G	C2012	10	10.10008	21	59	40.02	-14	44	19.7	17.9	RoET069G48
K12T53G	C2012	10	10.10285	21	59	46.84	-14	43	21.8	17.8	RoET069G48
K12T53G	C2012	10	10.10325	21	59	47.82	-14	43	13.6	17.6	RoET069G48
K12T53G	C2012	10	10.10363	21	59	48.76	-14	43	05.7	17.8	RoET069G48
K12T53G	C2012	10	10.10441	21	59	50.69	-14	42	49.2	17.9	RoET069G48
K12T53G	C2012	10	11.00210	22	35	53.54	-09	28	37.9	17.5	VuET069807
K12T53G	C2012	10	11.00325	22	35	56.00	-09	28	15.3	17.2	VuET069807
K12T53G	C2012	10	11.00439	22	35	58.46	-09	27	52.2	17.2	VuET069807
K12T53G	C2012	10	11.00554	22	36	00.98	-09	27	29.1	17.2	VuET069807
K12T78V	HC2012	10	12.14396	00	00	09.45	+15	10	43.2	20.0	RoET069291
K12T78V	HC2012	10	12.14510	00	00	09.30	+15	10	42.2	20.2	RoET069291
K12T78V	HC2012	10	12.14622	00	00	09.22	+15	10	41.3	20.2	RoET069291
K12T79D	KC2012	10	11.78539	00	54	45.18	+07	10	00.4	18.0	RuET069113
K12T79D	KC2012	10	11.79042	00	54	46.49	+07	09	29.2	19.0	RuET069113
K12T79D	KC2012	10	11.79546	00	54	47.81	+07	08	55.8	18.7	RuET069113
K12T79M	C2012	10	11.80229	03	42	45.25	+28	24	54.7	18.6	RoET069300
K12T79M	C2012	10	11.80323	03	42	45.18	+28	24	48.9	18.4	RoET069300
K12T79M	C2012	10	11.80511	03	42	45.12	+28	24	38.5	18.9	RoET069300
K12T79M	C2012	10	11.80606	03	42	45.07	+28	24	33.7	18.8	RoET069300
03288	KC2012	10	11.94971	02	22	36.34	+15	17	07.7	19.2	RoET069B67
03288	KC2012	10	11.97608	02	22	34.85	+15	17	00.3	19.3	RoET069B67
03288	KC2012	10	11.99866	02	22	33.42	+15	16	50.9	19.9	RoET069B67
05011	C2012	10	11.14279	20	42	15.51	-24	29	49.4	20.3	VrET069G96
05011	C2012	10	11.14970	20	42	15.48	-24	29	47.3	20.0	VrET069G96
05011	C2012	10	11.15667	20	42	15.51	-24	29	45.1	20.1	VrET069G96
05646	C2012	10	11.26425	04	27	50.86	+29	37	52.1	15.1	VrET069703
05646	C2012	10	11.26653	04	27	50.86	+29	37	54.6	15.3	VrET069703
05646	C2012	10	11.27225	04	27	50.97	+29	38	03.1	15.5	VrET069703
05646	C2012	10	11.27455	04	27	50.97	+29	38	05.3	15.5	VrET069703
17182	C2012	10	11.84921	01	47	13.51	+27	44	26.0	18.2	RoET069461
17182	C2012	10	11.85977	01	47	12.14	+27	44	25.2	18.3	RoET069461
17182	C2012	10	11.87036	01	47	10.75	+27	44	24.7	18.3	RoET069461
66008	C2012	10	11.36813	04	39	56.88	-58	32	37.3	19.0	VuET069807
66008	C2012	10	11.37300	04	39	56.96	-58	32	48.3	19.1	VuET069807
66008	C2012	10	11.37701	04	39	57.03	-58	32	57.4	19.1	VuET069807
66008	C2012	10	11.38102	04	39	57.09	-58	33	06.5	19.1	VuET069807
66008	C2012	10	11.38502	04	39	57.15	-58	33	15.6	19.1	VuET069807
88710	C2012	10	10.62789405	22	02	470+09	29	29	64	17.6	zLET069F51
88710	C2012	10	10.64049505	22	04	042+09	28	47	43	18.0	yLET069F51
88710	C2012	10	10.64636005	22	04	760+09	28	28	48	17.8	yLET069F51
D8815	C2012	10	11.47193901	14	12	604+07	31	37	89	20.6	gLET069F51
D8815	C2012	10	11.48463001	14	11	600+07	31	34	50	20.9	gLET069F51
E3624	C2012	10	11.54794603	53	11	802-05	12	56	51	20.6	iLET069F51
E3624	C2012	10	11.55999903	53	11	239-05	13	06	63	20.6	iLET069F51
G2723	C2012	10	10.45843	07	17	52.62	+34	01	48.8	19.0	VrET069703
G2723	C2012	10	10.47480	07	17	59.53	+34	01	45.0	18.4	VrET069703
G2723	C2012	10	10.48284	07	18	02.91	+34	01	43.3	18.9	VrET069703
P6412	C2012	10	09.62359405	03	14	650+37	12	00	16	19.6	zLET069F51
P6412	C2012	10	09.63065305	03	14	808+37	12	10	43	19.5	zLET069F51
Q2623	C2012	10	11.37065	07	20	26.48	-10	28	24.7	20.2	VuET069807
Q2623	C2012	10	11.37465	07	20	26.74	-10	28	25.7	19.9	VuET069807
Q2623	C2012	10	11.37866	07	20	26.99	-10	28	26.4	20.0	VuET069807
Q2623	C2012	10	11.38266	07	20	27.24	-10	28	26.5	19.8	VuET069807
Q2623	C2012	10	11.38626	07	20	27.48	-10	28	26.9	19.9	VuET069807

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