

MPEC 2011-W37 : DAILY ORBIT UPDATE (2011 NOV. 23 UT)

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M.P.E.C. 2011-W37

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Update to [MPEC 2011-W35](#)

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

New identification:

K02L48C	K06L06U	K10J83V	MPCS
K02M05E	K10KC5U		MPCS
K02O13H	K10O11N		MPCS
K02PI9W	K11W11W		MPCW
K04CA2E	K11W12Q		MPCW
K05K03H	K11W10H		MPCW
K06K05O	K11W13Q		MPCW
K07UD7G	K11W14V		MPCW
K07Y05H	K11V16E		MPCW
K08WD1J	K06BL2S		MPCK
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K11N03Y	K09H27T		MPCS
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K11R19C	K04A19J		MPCS
K11S29Z	K10L20V		MPCS
K11SA5S	K07R87F		MPCS
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K11SI5A	J96G03Y	K07VB4O	MPCS
K11SL4N	K06H14T		MPCS
K11SP7W	K06Q52Q	K10E28K	MPCS
K11SP7Z	K08C91D		MPCS
K11SP8B	K09DD5D		MPCS
K11SP8D	K00T47E		MPCS
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K11SP8O	K10GH0M		MPCS

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K11SP9F	J95T09T			MPCS
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K11SP9N	K10H12Q			MPCS
K11SP9U	K08F45M			MPCS
K11SP9X	K07U85Y			MPCS
K11SP9Y	K06UE7M			MPCS
K11SP9Z	J95U55C			MPCS
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K11SQ1D	K06R82T			MPCS
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K11SQ1U	K09B90Z			MPCS
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K11U15T	K09J14P			MPCS
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K11U25X	K02TX2E			MPCS
K11U29Y	K10JA5M			MPCS
K11U45X	J98U48Z			MPCS
K11U49N	J98W35V	K10GE0L		MPCS
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K11V08T	K06W24D			MPCS
K11V08Z	K05M33K			MPCS
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K11V10C	K06SR7O			MPCS
K11V11E	K06KD5O			MPCS
K11V14N	K07B50G			MPCS
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K11W00M	J96R16C	K06R96V		MPCS

New double designation:

K11S57H	K11UK1Y			MPCS
K11SI3Y	K11Uc9K			MPCS
K11SI5A	K11V02R			MPCS
K11U25X	K11UT6O			MPCS
K11UG6A	K11U88Z			MPCS
K11UP9S	K11W04Y			MPCS
K11V11C	K11SH1Z			MPCS

New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
J79M03T	17.3	0.15	K118R	64.336	72.968	263.737	3.244	0.20893	2.14057	6	X
J90W01K	16.8	0.15	K118R	351.998	229.166	178.569	5.886	0.31392	2.59453	5	X
J96S02M	17.1	0.15	K118R	46.530	124.696	218.614	1.305	0.07725	2.86906	5	X
J96T34J	17.2	0.15	K118R	18.989	338.247	19.454	2.812	0.22362	2.40340	4	X
J96V09Y	16.2	0.15	K118R	3.475	306.794	83.277	12.589	0.17519	2.91940	4	X
J96X17U	18.5	0.15	K118R	342.955	116.770	285.666	1.119	0.22172	2.41834	4	X
J97W14L	18.4	0.15	K118R	328.422	337.394	95.060	2.567	0.19826	2.30148	5	X

J98O01O	16.9	0.15	K118R	25.630	145.348	204.844	7.072	0.21483	2.58448	4 X
J98R26F	16.9	0.15	K118R	8.292	337.801	17.229	5.648	0.32969	2.62992	3 X
J98T03K	16.5	0.15	K118R	353.904	179.862	214.215	13.255	0.29514	2.63746	3 X
J98T21N	17.6	0.15	K118R	358.668	83.336	313.822	0.507	0.09445	2.63407	4 X
J98X07F	17.4	0.15	K118R	27.832	102.833	236.850	11.397	0.28732	2.66027	3 X
J99B30F	18.4	0.15	K118R	278.955	173.429	312.846	2.954	0.15026	2.22963	4 X
J99TJ6X	15.9	0.15	K118R	7.177	63.212	302.634	4.174	0.20175	2.52192	6 X
J99U27F	17.5	0.15	K118R	7.774	16.813	356.687	3.666	0.22670	2.48263	4 X
J99X68O	17.5	0.15	K118R	338.000	181.386	237.187	3.800	0.25965	2.52969	4 X
J99X91W	15.7	0.15	K118R	326.480	182.597	257.145	11.171	0.19280	2.54119	4 X
J99XO3Y	15.4	0.15	K118R	328.349	87.795	348.692	14.574	0.19863	2.55000	4 X
K00AE6P	15.0	0.15	K118R	248.654	307.589	281.640	23.507	0.41707	2.54690	8 X
K00AF4K	16.0	0.15	K118R	291.910	99.833	36.317	3.906	0.24123	2.54866	4 X
K00B18L	16.7	0.15	K118R	293.438	152.682	327.773	4.392	0.21471	2.57373	5 X
K00B48S	17.1	0.15	K118R	332.753	94.735	325.489	1.075	0.20276	2.58923	4 X
K00CC6Z	17.2	0.15	K118R	1.305	70.807	316.448	3.077	0.25461	2.58281	5 X
K00CC7J	16.4	0.15	K118R	349.541	93.522	311.234	4.933	0.25072	2.56632	5 X
K00F22G	16.5	0.15	K118R	297.309	3.523	129.700	7.056	0.24723	2.59177	4 X
K00F64S	16.4	0.15	K118R	219.254	320.148	237.398	7.018	0.23002	2.67239	6 X
K00N23U	17.0	0.15	K118R	6.357	37.953	308.286	8.579	0.34377	2.35723	3 X
K00O02D	17.1	0.15	K118R	23.426	183.692	163.064	7.011	0.31218	2.32947	7 X
K00O19Q	17.4	0.15	K118R	41.327	168.216	139.759	7.986	0.30206	2.32629	3 X
K00P06W	16.9	0.15	K118R	65.238	70.280	291.797	18.959	0.10195	1.88611	5 X
K00QP4W	17.6	0.15	K118R	2.014	140.922	303.548	5.018	0.09144	2.23651	6 X
K00RA7T	16.7	0.15	K118R	347.071	311.786	91.515	8.340	0.24044	2.35306	6 X
K00S15O	15.7	0.15	K118R	33.704	47.468	307.111	8.714	0.07799	3.01858	5 X
K00S30U	17.2	0.15	K118R	80.640	278.546	18.492	7.396	0.11946	2.32610	5 X
K00S51K	17.3	0.15	K118R	32.947	116.320	281.853	5.178	0.17990	2.27863	5 X
K00S53P	16.4	0.15	K118R	23.380	166.941	184.625	15.553	0.14699	3.04838	2 X
K00SM9F	17.7	0.15	K118R	17.675	126.925	218.658	1.996	0.22513	2.36858	4 X
K00SU2D	17.2	0.15	K118R	2.756	7.449	7.645	9.702	0.17794	2.36286	3 X
K00T14L	16.5	0.15	K118R	4.477	329.928	57.926	2.855	0.25509	3.07476	5 X
K00T19P	17.0	0.15	K118R	357.371	309.599	67.273	5.972	0.23845	2.35912	4 X
K00U00O	16.6	0.15	K118R	6.935	136.129	225.318	13.984	0.27334	2.38133	3 X
K00U76F	16.5	0.15	K118R	356.225	162.513	232.287	23.318	0.22923	2.36706	3 X
K00U83K	17.3	0.15	K118R	341.645	345.721	64.183	6.516	0.25548	2.36603	3 X
K00V41B	16.6	0.15	K118R	350.620	127.364	277.787	5.597	0.27396	3.09002	4 X
K00W13C	16.6	0.15	K118R	181.560	314.736	251.316	22.243	0.02942	1.97080	4 X
K00W28Q	16.3	0.15	K118R	315.888	36.068	61.344	24.632	0.34222	2.37009	3 X
K00W29Q	15.1	0.15	K118R	311.723	232.748	248.125	25.926	0.34786	3.16090	4 X
K00W86X	16.9	0.15	K118R	3.060	114.169	273.799	4.399	0.15757	2.38542	6 X
K00WB2V	16.1	0.15	K118R	345.873	171.295	282.050	5.303	0.24688	3.07817	5 X
K00WE8U	15.5	0.15	K118R	345.757	327.142	98.256	13.297	0.18685	3.10251	5 X
K00WF9C	17.8	0.15	K118R	351.637	343.027	49.867	2.227	0.18633	2.38049	4 X
K00WF9X	17.0	0.15	K118R	53.796	281.731	80.523	7.371	0.13934	2.33041	6 X
K00WG6B	15.9	0.15	K118R	346.683	336.889	77.798	10.796	0.08933	3.12467	5 X
K01B27S	14.9	0.15	K118R	266.465	279.438	307.155	15.151	0.19482	3.09549	4 X
K01D24P	15.2	0.15	K118R	75.252	326.409	341.737	6.729	0.10085	2.51612	7 X
K01FL1Y	18.5	0.15	K118R	356.345	31.547	353.310	3.914	0.27780	2.52883	3 X
K01K03J	16.6	0.15	K118R	146.990	13.660	232.861	13.305	0.26321	2.61738	4 X
K01K63X	16.8	0.15	K118R	168.039	86.865	135.123	12.713	0.20499	2.58392	5 X
K01P31K	16.3	0.15	K118R	41.352	93.628	252.370	11.811	0.16501	2.79617	6 X
K01P44H	17.2	0.15	K118R	44.704	10.753	306.987	4.063	0.21604	2.18223	3 X
K01R33H	18.6	0.15	K118R	342.365	79.376	274.955	3.289	0.29640	2.23824	3 X
K01RD3A	17.7	0.15	K118R	3.121	246.741	129.201	4.532	0.19000	2.20047	6 X
K01RD4M	16.2	0.15	K118R	23.614	331.338	13.039	13.275	0.18784	2.87373	3 X
K01S16B	16.5	0.15	K118R	31.057	261.542	91.606	0.245	0.17856	2.84174	4 X
K01SC7B	18.0	0.15	K118R	340.794	76.768	347.110	5.438	0.35015	2.20037	3 X
K01T23L	17.1	0.15	K118R	328.813	239.802	206.319	7.748	0.23793	2.87003	4 X
K01TA0E	17.4	0.15	K118R	20.153	343.809	16.026	7.475	0.11708	2.21313	2 X
K01TD2V	16.2	0.15	K118R	352.312	109.296	285.688	10.235	0.17776	2.88852	4 X
K01TE9Z	16.4	0.15	K118R	14.284	305.616	65.869	8.933	0.24628	2.88111	3 X

K01TH1R	15.8	0.15	K118R	350.920	318.454	84.947	13.710	0.16473	2.90775	3 X
K01TK0C	17.4	0.15	K118R	14.757	269.939	87.298	6.660	0.20755	2.20792	5 X
K01U04W	18.7	0.15	K118R	251.653	159.441	333.781	3.389	0.06594	1.57757	7 X
K01U05E	18.7	0.15	K118R	8.511	283.451	40.930	7.552	0.51440	2.21652	2 X
K01U44K	16.3	0.15	K118R	328.748	238.192	204.527	9.443	0.20789	2.89537	4 X
K01U71J	17.9	0.15	K118R	11.326	312.248	42.630	3.009	0.24354	2.22874	3 X
K01U81A	16.3	0.15	K118R	16.678	306.507	46.552	7.070	0.23675	2.92422	4 X
K01UA8G	18.6	0.15	K118R	359.138	322.447	57.443	3.509	0.24005	2.22432	3 X
K01UB0L	17.7	0.15	K118R	9.220	308.854	64.719	4.057	0.14595	2.21107	5 X
K01UC0E	18.0	0.15	K118R	332.618	2.467	48.718	6.853	0.18428	2.23013	3 X
K01V04S	17.1	0.15	K118R	10.396	73.690	270.402	5.510	0.30973	2.24056	3 X
K01V10M	16.4	0.15	K118R	353.692	133.634	255.752	15.275	0.28389	2.92577	4 X
K01V22Y	17.6	0.15	K118R	344.972	337.702	42.628	6.628	0.13066	2.25821	3 X
K01V74G	15.9	0.15	K118R	349.992	51.293	349.206	5.693	0.08882	2.93228	6 X
K01V78R	15.7	0.15	K118R	166.491	1.588	234.094	56.135	0.22569	2.18380	5 X
K01V85A	16.0	0.15	K118R	333.886	12.398	54.900	10.518	0.07592	2.90663	4 X
K01VC8G	18.0	0.15	K118R	36.324	219.933	102.320	7.612	0.21144	2.22422	4 X
K01W92O	18.3	0.15	K118R	11.228	107.072	258.909	0.874	0.17309	2.22504	3 X
K01X78F	16.1	0.15	K118R	322.325	348.784	80.527	11.497	0.09637	2.97937	4 X
K01XK6U	16.3	0.15	K118R	348.836	311.260	106.946	7.518	0.22793	2.93350	5 X
K01XL9W	18.2	0.15	K118R	354.444	324.994	49.931	7.375	0.27640	2.23856	2 X
K01XP2Z	15.4	0.15	K118R	288.767	196.019	290.434	14.176	0.20726	3.06196	3 X
K01Y04E	20.6	0.15	K118R	349.220	318.620	305.745	4.827	0.54049	0.67681	2 X
K01Y58D	17.2	0.15	K118R	29.211	298.600	77.506	6.581	0.17807	2.21641	5 X
K01Y86N	17.1	0.15	K118R	305.299	357.191	97.499	7.669	0.12441	2.27483	4 X
K01YF2C	15.7	0.15	K118R	338.674	3.384	63.323	15.702	0.15055	2.98860	3 X
K02A08S	17.4	0.15	K118R	194.791	74.015	122.676	7.133	0.06862	2.30380	4 X
K02A55H	17.6	0.15	K118R	326.527	153.742	277.420	4.354	0.09244	2.27649	3 X
K02A65G	16.6	0.15	K118R	318.809	323.409	139.246	6.852	0.32969	3.01813	3 X
K02A78B	16.1	0.15	K118R	354.050	320.310	83.202	3.038	0.19370	3.00592	5 X
K02AA9L	16.0	0.15	K118R	346.563	110.357	313.213	6.604	0.24958	2.99544	4 X
K02C50W	17.7	0.15	K118R	288.405	201.844	314.507	2.482	0.18738	2.25096	5 X
K02C84W	17.2	0.15	K118R	289.704	128.155	335.063	6.700	0.08525	2.30040	4 X
K02CB9N	17.1	0.15	K118R	352.185	167.652	281.825	3.940	0.16859	2.21489	4 X
K02CC8Z	15.2	0.15	K118R	128.989	325.940	301.857	8.337	0.03908	3.17663	4 X
K02CF7L	17.3	0.15	K118R	299.216	357.141	109.700	5.342	0.08058	2.29227	6 X
K02CG4A	17.3	0.15	K118R	322.196	315.746	126.953	4.488	0.18713	2.28231	4 X
K02CH5V	16.0	0.15	K118R	6.356	282.933	115.888	14.539	0.26611	2.97630	7 X
K02CL3X	16.4	0.15	K118R	347.598	230.976	334.759	11.931	0.22610	2.77766	3 X
K02CN8L	16.6	0.15	K118R	329.467	187.408	315.260	5.557	0.16877	2.94047	4 X
K02CP4U	17.1	0.15	K118R	319.618	253.444	200.953	7.105	0.22076	2.26850	5 X
K02CR6B	15.3	0.15	K118R	276.224	266.473	225.870	15.728	0.16803	3.11886	5 X
K02E43Z	15.8	0.15	K118R	258.226	332.308	174.528	17.958	0.12565	3.19895	4 X
K02E49X	17.9	0.15	K118R	302.297	345.120	173.121	2.402	0.17927	2.23886	5 X
K02E57F	17.6	0.15	K118R	295.183	138.429	327.802	5.438	0.16511	2.30565	4 X
K02E65S	16.0	0.15	K118R	321.574	111.479	348.574	13.866	0.29095	3.06766	4 X
K02E96W	17.7	0.15	K118R	184.467	201.987	15.318	1.644	0.11562	2.36647	6 X
K02ED3T	17.2	0.15	K118R	263.513	231.021	266.081	2.603	0.08306	2.33248	5 X
K02F15B	17.5	0.15	K118R	215.987	68.385	117.337	4.421	0.14823	2.34272	5 X
K02F17F	15.8	0.15	K118R	249.906	35.217	118.118	13.850	0.12292	3.18522	3 X
K02F22U	17.0	0.15	K118R	165.976	169.872	59.812	12.508	0.21004	2.39219	5 X
K02G06N	16.0	0.15	K118R	38.136	103.480	212.338	33.617	0.32473	2.55225	4 X
K02G43B	16.9	0.15	K118R	198.230	261.615	293.327	6.252	0.15286	2.38170	5 X
K02J06R	17.4	0.15	K118R	221.360	89.240	90.293	10.875	0.22999	2.39608	4 X
K02J57S	17.4	0.15	K118R	114.604	33.355	235.874	19.609	0.03686	1.95242	3 X
K02JC6E	16.7	0.15	K118R	180.136	161.818	61.104	11.915	0.18874	2.39678	4 X
K02JD7Q	17.6	0.15	K118R	5.201	326.185	48.017	21.590	0.08187	1.95255	4 X
K02L48C	16.5	0.15	K118R	51.195	226.755	95.216	14.879	0.27358	2.58706	3 X
K02M05E	16.3	0.15	K118R	124.682	200.659	102.966	17.100	0.11514	2.45200	2 S
K02M05X	16.1	0.15	K118R	29.513	95.188	258.509	13.738	0.19028	2.61021	2 X
K02N01R	17.1	0.15	K118R	8.094	168.468	194.145	12.648	0.30516	2.65183	3 X
K02N42X	17.3	0.15	K118R	68.571	221.690	75.851	6.207	0.30231	2.59107	5 X

K02N50B	16.6	0.15	K118R	52.268	342.128	328.900	7.423	0.20634	2.61041	3 X
K02N70L	17.0	0.15	K118R	58.066	178.452	136.061	7.498	0.13245	2.58596	5 X
K02N77X	16.3	0.15	K118R	29.501	271.299	77.663	3.407	0.28237	3.96439	4 X
K02O13H	17.0	0.15	K118R	52.031	141.176	156.311	13.336	0.19508	2.63017	3 X
K02O17X	16.3	0.15	K118R	110.406	81.125	194.950	5.928	0.12807	2.53755	6 X
K02O29Z	17.5	0.15	K118R	76.907	158.730	137.564	9.616	0.15511	2.57952	3 X
K02P09Q	17.5	0.15	K118R	8.193	181.086	195.289	4.171	0.20843	2.61749	4 X
K02P20M	17.5	0.15	K118R	56.072	36.063	277.351	2.002	0.21826	2.60381	4 X
K02P61B	15.9	0.15	K118R	11.770	124.821	229.671	14.184	0.19707	2.64945	4 X
K02P62G	17.1	0.15	K118R	110.531	127.290	132.247	13.044	0.15884	2.57547	5 X
K02P65H	16.1	0.15	K118R	31.245	238.454	116.792	12.385	0.20674	2.59681	3 X
K02P81J	17.1	0.15	K118R	73.162	111.757	180.413	11.262	0.16605	2.59930	6 X
K02PD4E	16.2	0.15	K118R	50.366	193.914	138.850	5.557	0.18822	2.59884	7 X
K02PI9W	17.6	0.15	K118R	51.916	122.818	209.121	2.498	0.12331	2.58356	3 X
K02PJ2L	17.0	0.15	K118R	96.174	96.562	173.726	13.415	0.16889	2.59248	4 X
K02QA3K	17.1	0.15	K118R	335.519	298.105	130.417	9.689	0.16803	2.61544	5 X
K02QA6T	17.1	0.15	K118R	16.546	220.018	156.964	5.681	0.16932	2.60189	4 X
K02QC3A	15.0	0.15	K118R	32.173	294.835	61.948	4.238	0.16631	3.95076	5 X
K02QC8Z	17.4	0.15	K118R	28.969	19.269	321.151	3.067	0.23759	2.62415	4 X
K02QE3K	16.8	0.15	K118R	41.090	301.594	41.251	10.598	0.10289	2.61667	4 X
K02QE6J	16.7	0.15	K118R	46.855	201.726	137.095	5.041	0.13712	2.59788	6 X
K02R01P	17.5	0.15	K118R	353.183	125.574	257.625	8.743	0.42101	2.69087	3 X
K02R05A	16.4	0.15	K118R	350.825	119.712	291.271	11.480	0.17677	2.63033	5 X
K02R05D	16.6	0.15	K118R	345.352	208.295	224.251	11.766	0.28604	2.63037	5 X
K02R57M	16.7	0.15	K118R	354.989	78.999	312.188	3.376	0.32522	2.68219	3 X
K02R66Q	16.5	0.15	K118R	18.895	134.233	223.759	12.961	0.12244	2.66245	5 X
K02R67J	16.4	0.15	K118R	6.284	166.932	215.239	9.771	0.23594	2.66536	2 X
K02R99X	16.5	0.15	K118R	359.247	208.702	184.765	4.926	0.32264	2.68792	3 X
K02RE3M	17.2	0.15	K118R	352.608	205.285	187.936	13.519	0.15407	2.66217	4 X
K02RK8W	16.6	0.15	K118R	24.526	160.984	191.440	1.795	0.22355	2.66458	5 X
K02RT1Y	16.9	0.15	K118R	36.300	208.417	132.105	10.262	0.06203	2.65744	4 X
K02S26Z	16.8	0.15	K118R	40.900	131.343	188.640	12.788	0.27322	2.67100	3 X
K02S74B	17.6	0.15	K118R	16.867	219.562	127.838	9.048	0.28814	2.69007	3 X
K02T10Y	15.5	0.15	K118R	352.988	110.219	266.219	10.741	0.18550	2.70901	4 X
K02T28M	16.8	0.15	K118R	342.928	238.878	186.669	5.644	0.29028	2.68685	4 X
K02T52W	16.0	0.15	K118R	2.596	329.038	44.048	6.229	0.32649	2.73091	3 X
K02T93J	16.6	0.15	K118R	10.419	37.561	319.822	12.124	0.18824	2.69408	3 X
K02TH3D	16.6	0.15	K118R	20.216	358.259	29.344	13.362	0.30204	2.62765	2 S
K02TH8O	16.0	0.15	K118R	60.870	94.006	236.611	12.869	0.10298	2.67552	3 X
K02TI4R	16.9	0.15	K118R	46.638	91.606	231.865	3.304	0.27427	2.65126	4 X
K02TJ9E	16.4	0.15	K118R	20.606	107.701	267.820	13.192	0.09964	2.65952	6 X
K02TU4O	16.9	0.15	K118R	84.171	232.055	50.463	10.055	0.19192	2.67453	4 X
K02TW9B	17.6	0.15	K118R	339.708	9.919	47.614	2.753	0.19893	2.67341	3 X
K02TY2X	17.1	0.15	K118R	7.088	274.853	97.605	5.739	0.11841	2.69596	2 X
K02U06W	16.7	0.15	K118R	40.212	274.407	60.490	14.802	0.20418	2.68491	3 X
K02U38W	16.7	0.15	K118R	45.171	272.785	56.772	14.935	0.22562	2.70349	3 X
K02V10G	16.6	0.15	K118R	352.908	154.707	240.712	13.387	0.22258	2.71897	2 X
K02VD6A	16.1	0.15	K118R	8.699	320.236	50.410	11.203	0.22170	2.74925	5 X
K02VE0W	16.3	0.15	K118R	347.945	325.513	88.361	15.347	0.04686	2.72419	3 X
K02VE7M	16.9	0.15	K118R	309.890	219.953	238.076	7.253	0.14048	2.69722	3 X
K02W18J	16.4	0.15	K118R	355.272	303.516	97.046	11.718	0.16612	2.71394	6 X
K02W21D	16.6	0.15	K118R	0.742	310.712	74.651	13.423	0.19651	2.73685	4 X
K02W27B	18.1	0.15	K118R	346.707	159.290	248.164	3.154	0.30749	2.72817	3 X
K02X12B	16.2	0.15	K118R	359.715	9.894	2.430	7.618	0.33469	2.73793	3 X
K02X31D	17.5	0.15	K118R	315.449	198.923	267.384	7.796	0.29227	2.74071	2 X
K02X31R	15.1	0.15	K118R	43.632	106.067	269.679	15.816	0.22781	2.65155	4 X
K02X50C	16.6	0.15	K118R	355.964	83.675	281.269	9.317	0.33159	2.77102	3 X
K02X53K	16.0	0.15	K118R	317.216	13.380	82.080	10.929	0.19631	2.73555	3 X
K03A13D	16.1	0.15	K118R	332.910	245.304	198.558	6.495	0.28446	2.75840	7 X
K03A32V	16.7	0.15	K118R	22.972	124.056	294.382	11.383	0.21713	2.67563	4 X
K03A67P	17.2	0.15	K118R	319.991	359.952	92.430	8.222	0.27674	2.77446	4 X
K03F22K	16.7	0.15	K118R	172.248	159.254	69.532	7.042	0.29072	2.21583	5 X

K03F49E	17.0	0.15	K118R	171.658	177.508	50.703	7.313	0.16726	2.22811	4 X
K03FA0S	17.5	0.15	K118R	145.164	183.395	60.041	5.845	0.13405	2.23161	5 X
K03G09D	17.1	0.15	K118R	198.637	148.357	49.419	5.669	0.09493	2.21797	6 X
K03H28E	16.9	0.15	K118R	132.362	11.390	242.836	6.038	0.08538	2.25758	4 X
K03H54T	15.9	0.15	K118R	261.820	309.685	209.781	17.047	0.15072	2.97236	4 X
K03K03D	15.9	0.15	K118R	319.854	306.481	140.443	11.434	0.09500	3.15923	5 X
K03N01X	16.1	0.15	K118R	47.854	78.615	243.485	22.586	0.25203	2.36023	4 X
K03P08B	17.0	0.15	K118R	4.432	226.380	142.971	9.471	0.33090	2.45330	3 X
K03Q82R	16.5	0.15	K118R	10.550	295.589	115.679	3.433	0.31494	2.38598	6 X
K03S11D	16.8	0.15	K118R	11.707	115.146	254.995	18.975	0.08536	1.88989	4 X
K03S12S	17.5	0.15	K118R	4.376	188.567	182.438	3.810	0.26303	2.47570	4 X
K03S93Y	14.8	0.15	K118R	349.554	192.823	212.803	7.643	0.33486	3.98265	3 X
K03SB4K	17.2	0.15	K118R	44.490	14.296	323.188	2.793	0.09608	2.43488	8 X
K03SF6H	17.2	0.15	K118R	37.804	57.842	277.460	1.423	0.22419	2.46498	5 X
K03SK3E	17.8	0.15	K118R	8.509	104.863	268.641	0.755	0.19746	2.46109	3 X
K03SK7F	15.7	0.15	K118R	110.801	84.427	357.421	7.300	0.24575	3.10424	2 X
K03SU4X	16.9	0.15	K118R	348.592	191.341	212.388	11.151	0.17869	2.48415	3 X
K03SV2X	16.9	0.15	K118R	340.017	321.087	90.050	4.060	0.15327	2.45684	3 X
K03T11D	17.0	0.15	K118R	357.464	255.697	138.414	6.046	0.26356	2.48733	5 X
K03U13G	17.4	0.15	K118R	333.420	194.614	214.307	20.863	0.10607	1.91913	3 X
K03U54H	16.5	0.15	K118R	109.384	53.476	285.189	5.911	0.13743	2.35551	4 X
K03U86G	16.0	0.15	K118R	353.025	137.562	249.770	8.092	0.09211	2.54471	5 X
K03U95R	17.0	0.15	K118R	4.945	25.184	29.573	1.421	0.18121	2.43474	8 X
K03U96S	17.6	0.15	K118R	34.347	104.934	226.263	2.375	0.27116	2.47744	3 X
K03UE1G	16.3	0.15	K118R	44.121	286.280	85.450	7.933	0.13356	2.39336	5 X
K03UE8M	16.6	0.15	K118R	329.124	302.577	120.512	5.411	0.18699	2.52419	6 X
K03UJ5T	16.1	0.15	K118R	16.612	243.236	129.764	2.603	0.05776	2.51478	7 X
K03UK2K	16.9	0.15	K118R	21.888	285.797	123.657	7.568	0.23382	2.43310	4 X
K03UK4G	17.3	0.15	K118R	332.321	297.957	181.774	1.880	0.13672	2.39753	9 X
K03UM4K	16.3	0.15	K118R	8.403	144.607	236.745	10.433	0.35502	3.94599	3 X
K03UO5A	18.1	0.15	K118R	340.842	174.216	231.749	20.059	0.07972	1.92261	2 X
K03UP9Y	16.0	0.15	K118R	18.925	233.495	141.407	4.290	0.05848	2.51562	6 X
K03W04X	16.6	0.15	K118R	10.112	79.501	297.097	5.032	0.06863	2.52315	5 X
K03W07H	17.6	0.15	K118R	342.276	152.205	245.038	20.729	0.14157	1.92331	3 X
K03W24V	17.3	0.15	K118R	47.505	271.105	57.548	23.416	0.09168	1.93216	2 X
K03W25H	17.1	0.15	K118R	351.732	286.771	114.531	8.428	0.22992	2.52849	4 X
K03W35T	17.3	0.15	K118R	348.966	80.433	314.866	3.858	0.20523	2.51520	3 X
K03W46J	17.0	0.15	K118R	0.804	314.041	70.657	9.859	0.21826	2.51271	4 X
K03W54M	17.2	0.15	K118R	341.198	180.275	264.939	5.441	0.17065	2.45892	3 X
K03W55W	16.7	0.15	K118R	10.415	355.506	13.983	6.377	0.18091	2.53711	4 X
K03W57X	16.3	0.15	K118R	17.130	117.225	256.281	3.073	0.10774	2.51519	6 X
K03W58U	15.3	0.15	K118R	12.980	316.067	57.868	3.855	0.28302	4.02475	3 X
K03W74A	17.4	0.15	K118R	357.709	358.827	18.821	6.063	0.24377	2.54208	3 X
K03W83T	16.6	0.15	K118R	326.423	332.801	115.117	7.218	0.18748	2.46172	5 X
K03W85W	17.5	0.15	K118R	345.172	132.339	269.594	6.301	0.27452	2.52765	3 X
K03WA3J	17.1	0.15	K118R	303.199	235.694	231.738	3.163	0.26416	2.55037	4 X
K03WA5Y	16.5	0.15	K118R	289.040	58.776	74.176	12.579	0.25129	2.54288	4 X
K03WB6B	17.0	0.15	K118R	292.473	162.329	324.764	3.881	0.26260	2.54673	3 X
K03WB7O	16.2	0.15	K118R	288.227	204.614	288.695	4.331	0.17998	2.53041	6 X
K03WC8D	16.1	0.15	K118R	333.535	171.225	296.243	21.996	0.06626	1.91044	4 X
K03WE0F	16.7	0.15	K118R	318.906	195.352	242.734	12.613	0.11954	2.54633	3 X
K03WF0Z	16.7	0.15	K118R	322.340	332.486	103.482	6.291	0.16718	2.53343	5 X
K03WH1T	17.4	0.15	K118R	349.730	184.307	202.923	15.859	0.34639	2.52743	3 X
K03X02M	16.6	0.15	K118R	346.339	221.645	183.870	2.902	0.23423	2.52717	6 X
K03X03W	16.9	0.15	K118R	331.691	168.634	228.828	9.066	0.28166	2.58128	3 X
K03X38O	16.4	0.15	K118R	329.378	11.428	51.986	8.388	0.19075	2.56212	5 X
K03Y01C	17.8	0.15	K118R	338.542	332.317	68.401	23.060	0.07871	1.94464	3 X
K03Y04V	16.8	0.15	K118R	335.682	314.655	106.841	7.831	0.23022	2.53183	4 X
K03Y11C	17.1	0.15	K118R	319.717	29.778	62.534	10.377	0.27353	2.54908	4 X
K03Y12V	15.6	0.15	K118R	23.918	310.510	47.113	13.834	0.20320	2.58812	4 X
K03Y16F	16.7	0.15	K118R	295.532	22.262	96.273	24.162	0.10454	1.93763	7 X
K03Y24L	16.4	0.15	K118R	298.922	192.132	273.529	13.755	0.16169	2.59534	3 X

K03Y36V	17.6	0.15	K118R	344.694	343.898	62.628	3.862	0.24624	2.57999	4 X
K03Y46L	16.4	0.15	K118R	351.795	75.137	331.660	5.309	0.13143	2.56338	6 X
K03Y65Z	16.2	0.15	K118R	6.123	299.275	86.205	12.395	0.12651	2.55064	4 X
K03YC8E	16.6	0.15	K118R	322.156	23.599	56.202	8.390	0.15694	2.59677	4 X
K03YE6T	16.6	0.15	K118R	307.763	29.665	83.140	13.574	0.22811	2.59619	4 X
K03YF5D	16.2	0.15	K118R	304.165	55.999	49.691	12.410	0.26815	2.58969	3 X
K03YF8G	16.1	0.15	K118R	7.395	15.012	6.628	11.703	0.11979	2.52820	7 X
K04A08T	16.4	0.15	K118R	269.273	228.081	275.996	11.988	0.20852	2.64433	4 X
K04B22E	16.3	0.15	K118R	355.841	242.352	153.015	5.046	0.28122	2.56842	4 X
K04B36H	16.8	0.15	K118R	347.326	276.811	116.934	7.744	0.06862	2.68415	5 X
K04B42N	16.3	0.15	K118R	266.150	256.319	242.153	13.663	0.08636	2.64481	6 X
K04B54X	16.9	0.15	K118R	304.565	317.554	140.570	12.232	0.14508	2.63040	5 X
K04B55O	17.8	0.15	K118R	337.295	287.421	138.296	4.275	0.26559	2.58546	5 X
K04B57P	15.8	0.15	K118R	22.443	141.749	245.475	5.638	0.28655	2.53505	7 X
K04B71O	16.6	0.15	K118R	246.253	193.861	341.677	5.756	0.16158	2.64352	2 X
K04BE5S	15.8	0.15	K118R	302.564	156.581	291.662	8.309	0.11609	2.62427	4 X
K04C37E	15.6	0.15	K118R	164.330	292.784	295.727	10.516	0.03811	2.74253	5 X
K04CA0P	16.6	0.15	K118R	339.355	351.198	123.443	5.888	0.16030	2.54467	4 X
K04CA2E	15.9	0.15	K118R	166.258	352.654	242.967	9.243	0.06482	2.71154	2 X
K04CA9J	15.9	0.15	K118R	267.667	334.926	179.350	12.794	0.15355	2.67721	4 X
K04D20B	16.5	0.15	K118R	276.060	238.353	252.384	10.351	0.13452	2.66851	4 X
K04D28L	17.2	0.15	K118R	319.767	91.232	354.540	4.002	0.17879	2.64430	4 X
K04D36J	16.7	0.15	K118R	300.079	117.905	339.902	12.135	0.11124	2.67369	3 X
K04E01Y	16.3	0.15	K118R	305.744	277.285	178.804	10.557	0.11577	2.70849	4 X
K04E37H	16.0	0.15	K118R	318.191	40.112	68.219	11.232	0.39031	2.61476	3 X
K04E37O	16.2	0.15	K118R	334.011	181.170	278.593	7.847	0.17059	2.56904	5 X
K04E42N	15.8	0.15	K118R	235.204	168.531	10.522	7.621	0.16012	2.73453	5 X
K04E64S	16.0	0.15	K118R	172.801	152.290	71.040	11.007	0.19692	2.80257	5 X
K04E84Y	16.3	0.15	K118R	308.402	340.585	127.166	5.248	0.16960	2.66382	5 X
K04FD7W	16.7	0.15	K118R	59.215	136.902	187.188	11.868	0.07642	2.88384	6 X
K04K12R	16.1	0.15	K118R	139.384	107.749	138.655	11.013	0.18598	3.00323	5 X
K04K16H	16.1	0.15	K118R	166.739	67.466	156.462	10.474	0.13667	2.97456	3 X
K04P02L	18.5	0.15	K118R	7.897	279.647	74.538	6.546	0.35996	2.27009	3 X
K04P43O	17.9	0.15	K118R	36.459	56.385	286.444	3.964	0.09737	2.21023	6 X
K04P85W	17.6	0.15	K118R	10.318	183.127	179.654	5.393	0.22333	2.24855	2 X
K04Q07J	18.4	0.15	K118R	289.842	63.446	25.625	14.512	0.33008	1.44365	3 X
K04Q21X	17.7	0.15	K118R	22.151	38.883	312.650	5.111	0.18285	2.23791	4 X
K04Q24J	16.2	0.15	K118R	17.328	112.258	238.639	23.224	0.26732	2.28416	4 X
K04Q27P	17.6	0.15	K118R	18.795	249.051	105.155	7.180	0.23760	2.25600	4 X
K04R26M	18.2	0.15	K118R	48.385	264.909	51.365	1.439	0.21438	2.23170	4 X
K04R53J	17.4	0.15	K118R	18.823	344.873	13.400	7.448	0.13753	2.24684	5 X
K04RA8M	17.9	0.15	K118R	348.541	150.804	253.445	4.934	0.15607	2.23208	4 X
K04RB1V	16.5	0.15	K118R	351.225	23.344	329.717	25.619	0.22015	2.33448	3 X
K04RD8S	17.4	0.15	K118R	88.186	49.349	235.214	8.660	0.21237	2.20228	4 X
K04RF3X	17.3	0.15	K118R	42.038	125.218	206.143	7.038	0.20801	2.23645	5 X
K04RN2U	16.9	0.15	K118R	32.559	148.589	182.405	6.101	0.26027	2.27206	4 X
K04RO7Z	14.9	0.15	K118R	53.657	96.455	302.989	24.290	0.13909	3.15514	5 X
K04RP1B	17.9	0.15	K118R	355.851	150.570	238.633	7.585	0.21527	2.26477	2 X
K04RY6M	18.4	0.15	K118R	29.826	104.534	228.379	5.890	0.26611	2.26541	3 X
K04S29O	17.8	0.15	K118R	359.998	188.376	196.910	4.000	0.16239	2.25829	4 X
K04S44U	17.4	0.15	K118R	14.736	28.292	330.084	7.020	0.14080	2.26710	3 X
K04T09P	16.6	0.15	K118R	337.103	9.442	25.031	26.233	0.22526	2.30287	3 X
K04T25A	17.9	0.15	K118R	54.860	15.126	291.683	0.851	0.25146	2.25316	4 X
K04T36O	17.5	0.15	K118R	227.866	318.364	205.006	2.024	0.08525	2.27297	5 X
K04T61F	17.6	0.15	K118R	351.727	300.896	94.737	3.972	0.17021	2.26341	4 X
K04T63Q	17.5	0.15	K118R	326.919	49.718	19.017	6.924	0.08930	2.26730	4 X
K04T72S	17.1	0.15	K118R	354.532	324.795	60.046	8.194	0.23175	2.28538	2 X
K04TA2K	17.1	0.15	K118R	154.463	182.526	55.699	3.743	0.18377	2.26026	6 X
K04TA2T	17.9	0.15	K118R	340.911	177.375	223.260	4.139	0.19378	2.30236	4 X
K04TB9Z	17.4	0.15	K118R	328.529	196.283	234.802	6.179	0.22558	2.26898	4 X
K04TK7G	17.3	0.15	K118R	18.142	148.920	214.181	6.423	0.12602	2.30364	3 X
K04TM2A	18.3	0.15	K118R	15.586	204.596	123.609	6.715	0.38513	2.29752	3 X

K04TQ0C	16.7	0.15	K118R	321.874	229.433	208.544	7.310	0.07331	2.27145	4 X
K04TR9O	17.7	0.15	K118R	25.930	49.698	287.575	1.645	0.26112	2.28361	4 X
K04TT2W	17.5	0.15	K118R	321.078	106.185	324.554	2.279	0.18333	2.30383	4 X
K04Ta8T	18.9	0.15	K118R	10.506	127.495	230.357	3.088	0.25910	2.29846	3 X
K04Tb0L	17.6	0.15	K118R	21.039	296.902	57.707	3.087	0.18447	2.28160	4 X
K04U11E	17.3	0.15	K118R	343.941	10.835	28.347	11.239	0.19051	2.31607	3 X
K04V05S	18.2	0.15	K118R	11.006	300.494	61.731	4.445	0.24872	2.29545	3 X
K04V14C	17.4	0.15	K118R	332.472	11.713	46.432	7.061	0.20423	2.31366	2 X
K04V22Y	17.2	0.15	K118R	334.216	171.048	253.284	5.260	0.14294	2.29995	4 X
K04V60M	17.3	0.15	K118R	10.245	314.034	52.894	8.494	0.22222	2.30080	4 X
K04V70S	17.6	0.15	K118R	6.486	140.548	235.161	4.849	0.17990	2.30501	7 X
K04X09N	17.3	0.15	K118R	359.793	327.062	58.926	6.510	0.17509	2.31218	2 X
K04X15C	18.0	0.15	K118R	346.800	108.303	288.425	2.052	0.24953	2.32420	3 X
K04X17C	17.2	0.15	K118R	16.112	317.957	65.226	4.606	0.24530	2.29743	5 X
K04X25S	17.0	0.15	K118R	8.505	117.403	306.052	3.952	0.22514	2.26191	4 X
K04X40H	16.8	0.15	K118R	57.125	97.558	275.441	6.485	0.18974	2.22168	4 X
K04X51Q	16.8	0.15	K118R	338.036	168.079	244.670	6.418	0.08875	2.32414	5 X
K04X66H	18.4	0.15	K118R	276.767	90.313	30.554	1.583	0.13081	2.36327	5 X
K04X75M	16.6	0.15	K118R	349.225	308.015	95.665	8.282	0.24223	2.34112	6 X
K04X85L	17.3	0.15	K118R	8.295	150.224	277.240	1.225	0.17016	2.26722	6 X
K04XC1W	17.2	0.15	K118R	349.128	23.716	10.646	1.906	0.23648	2.32805	3 X
K04XG4K	18.4	0.15	K118R	354.686	276.148	107.045	9.819	0.17339	2.32863	2 X
K04XG7F	16.9	0.15	K118R	354.660	321.897	69.149	8.944	0.18137	2.29257	3 X
K04Y02O	16.4	0.15	K118R	262.547	102.924	56.331	23.725	0.26956	2.37244	3 X
K04Y06R	17.4	0.15	K118R	290.967	226.530	238.649	6.888	0.04904	2.31532	5 X
K05A44K	17.6	0.15	K118R	286.823	339.064	131.394	8.490	0.16034	2.40692	4 X
K05A57J	17.1	0.15	K118R	330.571	267.070	169.308	4.488	0.15417	2.37541	4 X
K05B16R	17.2	0.15	K118R	314.719	55.195	64.559	3.465	0.12450	2.31064	5 X
K05B23F	16.8	0.15	K118R	291.371	118.588	0.836	2.418	0.12354	2.39300	5 X
K05B36K	17.5	0.15	K118R	352.955	274.829	115.948	6.381	0.19176	2.39138	3 X
K05C27S	16.6	0.15	K118R	344.862	348.850	108.698	4.517	0.09136	2.33558	7 X
K05C38N	16.9	0.15	K118R	317.105	301.013	152.128	5.385	0.21715	2.39171	5 X
K05C60M	17.5	0.15	K118R	267.726	182.192	310.153	0.878	0.13851	2.42633	4 X
K05C62F	17.3	0.15	K118R	119.597	169.301	92.134	5.103	0.07818	2.52777	6 X
K05EK2L	17.4	0.15	K118R	37.119	232.913	68.794	23.435	0.07399	1.91520	3 X
K05F01E	17.0	0.15	K118R	265.250	83.199	121.755	11.331	0.15940	2.33604	5 X
K05G05G	16.8	0.15	K118R	178.838	22.254	189.792	15.107	0.04274	2.62033	6 X
K05G68T	16.3	0.15	K118R	171.815	118.463	100.128	15.817	0.06110	2.59403	7 X
K05G74C	15.9	0.15	K118R	141.154	162.014	85.744	14.585	0.11372	2.65711	4 X
K05G74N	16.9	0.15	K118R	152.756	355.591	245.963	3.645	0.21855	2.59965	7 X
K05G87W	16.5	0.15	K118R	328.942	215.590	212.594	31.136	0.14843	2.61832	3 X
K05G94D	16.5	0.15	K118R	24.358	328.836	21.616	10.749	0.15573	2.64157	4 X
K05GB4F	17.0	0.15	K118R	196.205	89.696	61.514	23.297	0.06265	1.90409	4 X
K05GC7L	16.1	0.15	K118R	159.925	95.479	125.131	9.490	0.26150	2.68124	5 X
K05GD7B	16.4	0.15	K118R	45.039	285.253	61.413	14.133	0.10180	2.66757	5 X
K05GG5T	17.3	0.15	K118R	225.078	344.055	201.788	0.952	0.14372	2.52462	8 X
K05GK6S	16.1	0.15	K118R	64.373	262.945	42.841	9.739	0.14820	2.77568	4 X
K05GK8U	16.6	0.15	K118R	150.204	144.971	87.722	15.924	0.06677	2.59203	5 X
K05J19Z	16.4	0.15	K118R	230.564	62.015	108.681	12.197	0.13982	2.57112	5 X
K05J34A	16.3	0.15	K118R	199.722	331.332	236.722	12.315	0.13054	2.58690	5 X
K05J74L	16.2	0.15	K118R	245.866	299.622	228.218	28.236	0.14252	2.55454	4 X
K05J97D	17.8	0.15	K118R	245.695	48.866	58.210	21.983	0.10048	1.91901	5 X
K05JD1B	17.2	0.15	K118R	17.266	251.377	110.547	9.087	0.09276	2.75061	5 X
K05JE5K	16.5	0.15	K118R	105.521	219.644	66.410	14.473	0.10382	2.71916	2 X
K05K03H	16.7	0.15	K118R	89.494	239.360	63.588	6.935	0.06836	2.66656	3 X
K05L01S	15.9	0.15	K118R	183.405	5.270	214.208	13.782	0.04190	2.66411	4 X
K05L09N	16.6	0.15	K118R	4.958	240.773	140.645	6.868	0.05573	2.75789	6 X
K05M17D	16.4	0.15	K118R	41.154	42.973	289.577	8.699	0.15678	3.01746	4 X
K05M23O	18.0	0.15	K118R	210.223	301.564	232.202	21.231	0.06737	1.89918	4 X
K05M41W	15.2	0.15	K118R	70.363	92.789	205.112	13.455	0.20108	3.00259	5 X
K05N04S	16.2	0.15	K118R	8.420	261.706	123.662	11.323	0.12054	2.93726	6 X
K05N71H	16.5	0.15	K118R	36.892	25.386	315.845	9.682	0.13042	3.03583	3 X

K05N84C	16.4	0.15	K118R	12.733	220.955	132.351	11.586	0.31309	3.13296	3 X
K05O31W	15.6	0.15	K118R	53.337	228.866	108.176	12.633	0.14820	2.94423	5 X
K05O31Y	16.2	0.15	K118R	42.836	175.590	164.329	8.991	0.10419	3.07925	5 X
K05P19B	16.1	0.15	K118R	3.211	209.909	166.181	9.880	0.21587	3.13776	4 X
K05P28T	16.3	0.15	K118R	356.182	232.602	160.022	10.051	0.20933	3.11135	2 X
K05Q13W	16.8	0.15	K118R	51.950	85.256	227.817	0.360	0.29765	3.09485	6 X
K05Q17K	16.8	0.15	K118R	8.800	211.704	146.701	6.441	0.36086	3.22330	2 X
K05Q70E	15.8	0.15	K118R	22.162	203.652	159.352	12.959	0.24687	3.08250	4 X
K05QC3K	16.6	0.15	K118R	0.896	50.092	344.351	9.099	0.03456	3.04247	3 X
K05QD9W	17.0	0.15	K118R	38.528	272.214	74.753	1.865	0.17091	3.10201	2 X
K05QE7T	16.0	0.15	K118R	56.363	216.591	100.689	9.974	0.20753	3.04948	4 X
K05QF0E	16.3	0.15	K118R	51.028	150.383	172.224	8.715	0.16655	3.15172	4 X
K05QI9G	16.0	0.15	K118R	341.167	241.617	183.534	13.070	0.09133	3.06111	5 X
K05R29K	15.8	0.15	K118R	325.111	75.394	352.481	8.953	0.04359	3.09585	3 X
K05R44R	15.5	0.15	K118R	57.931	48.003	277.014	8.739	0.15432	3.14119	3 X
K05S13X	15.9	0.15	K118R	25.608	320.979	29.315	5.031	0.16833	3.21591	3 X
K05S14O	16.3	0.15	K118R	21.317	319.118	52.479	2.392	0.17770	3.15027	3 X
K05S21H	15.3	0.15	K118R	4.163	110.805	284.027	8.306	0.16514	3.16032	4 X
K05S21W	15.9	0.15	K118R	322.497	238.996	211.003	15.491	0.21567	3.19410	5 X
K05S29O	15.8	0.15	K118R	230.286	177.864	345.253	8.636	0.01731	3.16965	6 X
K05S36W	16.9	0.15	K118R	58.043	165.408	159.769	0.871	0.14449	3.12981	3 X
K05S44D	15.8	0.15	K118R	353.489	41.342	7.062	10.588	0.02366	3.15883	6 X
K05S61N	16.2	0.15	K118R	328.625	51.604	25.403	4.915	0.17870	3.21532	4 X
K05S74N	17.5	0.15	K118R	15.241	97.469	275.337	0.401	0.18494	3.15867	2 X
K05S80P	16.5	0.15	K118R	84.064	121.495	177.842	10.577	0.08253	3.13529	3 X
K05S84R	16.9	0.15	K118R	341.373	53.398	11.536	0.767	0.16723	3.16405	4 X
K05SA1R	16.3	0.15	K118R	358.802	173.128	228.466	8.215	0.10158	3.17288	3 X
K05SA8Y	15.9	0.15	K118R	35.607	149.117	201.470	9.026	0.23551	3.15658	5 X
K05SB0M	16.3	0.15	K118R	18.520	8.111	13.293	0.725	0.04855	3.14637	5 X
K05SC0Z	15.5	0.15	K118R	50.383	344.369	349.560	8.962	0.08218	3.16877	4 X
K05SC2G	15.9	0.15	K118R	20.003	144.701	213.670	13.818	0.29663	3.16924	2 X
K05SC9G	15.9	0.15	K118R	35.245	144.334	201.980	10.500	0.21969	3.18616	6 X
K05SD9J	15.9	0.15	K118R	49.696	195.254	132.732	2.543	0.22433	3.14173	5 X
K05SE5Q	16.0	0.15	K118R	325.696	52.364	25.447	10.441	0.07505	3.13442	3 X
K05SF8X	15.7	0.15	K118R	329.857	236.356	216.996	15.796	0.17596	3.14137	4 X
K05SG1D	16.9	0.15	K118R	310.126	266.975	190.718	15.236	0.21551	3.19269	2 X
K05SG6Q	14.8	0.15	K118R	339.152	13.690	42.943	23.651	0.20050	3.21869	3 X
K05SH9B	16.4	0.15	K118R	330.017	249.795	191.803	17.295	0.28935	3.19351	3 X
K05SI1N	16.3	0.15	K118R	295.650	278.372	204.927	24.479	0.25731	3.21691	2 X
K05SI3L	15.8	0.15	K118R	96.444	272.354	13.222	13.530	0.14966	3.15971	7 X
K05SP6F	16.3	0.15	K118R	29.136	165.935	198.387	7.223	0.17402	3.09508	6 X
K05SR1K	16.5	0.15	K118R	359.973	199.716	199.808	7.866	0.17208	3.15991	4 X
K05SS9B	15.4	0.15	K118R	260.190	95.490	62.032	22.390	0.13132	3.17569	5 X
K05SS9N	15.6	0.15	K118R	21.662	71.090	297.715	11.931	0.14832	3.13017	4 X
K05T02A	15.8	0.15	K118R	337.699	57.150	0.526	10.866	0.07195	3.15234	3 X
K05T28Y	16.1	0.15	K118R	31.295	121.324	267.554	10.282	0.20113	3.03809	3 X
K05T33Y	16.9	0.15	K118R	345.454	233.918	175.997	9.107	0.08946	3.16973	3 S
K05T79T	16.0	0.15	K118R	25.373	106.618	239.182	7.388	0.24741	3.18336	3 X
K05TA6X	16.3	0.15	K118R	345.120	340.579	76.744	2.466	0.13849	3.22901	5 X
K05TB0A	16.4	0.15	K118R	42.045	342.701	359.796	9.018	0.08800	3.16892	4 X
K05TB4R	16.7	0.15	K118R	322.883	244.543	199.590	15.173	0.19489	3.19172	3 X
K05TC4R	16.1	0.15	K118R	309.517	241.056	211.653	10.096	0.07328	3.21016	3 X
K05TC7E	17.2	0.15	K118R	64.335	317.725	2.974	0.682	0.15572	3.16542	3 X
K05TF9Q	16.1	0.15	K118R	324.978	191.539	254.202	4.851	0.11389	3.18088	5 X
K05TH7L	15.6	0.15	K118R	5.354	147.004	242.411	9.972	0.09489	3.15937	4 X
K05TJ3L	15.5	0.15	K118R	3.141	320.671	67.226	14.682	0.21046	3.16632	4 X
K05U02U	15.8	0.15	K118R	13.119	312.681	63.817	29.971	0.25209	3.16117	4 X
K05U69Z	15.1	0.15	K118R	284.147	248.174	249.501	14.931	0.18331	3.17611	4 X
K05U75R	15.0	0.15	K118R	41.994	82.163	237.880	24.177	0.36932	3.19576	3 X
K05U80G	15.3	0.15	K118R	341.412	204.157	211.412	10.202	0.31825	3.36370	2 X
K05UB0S	16.6	0.15	K118R	12.490	156.403	278.931	2.657	0.26759	3.10787	5 X
K05UG1X	15.6	0.15	K118R	31.294	288.709	92.053	15.713	0.29160	3.10056	3 X

K05UG9H	16.0	0.15	K118R	51.863	117.866	232.265	12.446	0.03400	3.24942	2 X
K05UI7M	16.6	0.15	K118R	345.558	196.336	219.760	3.570	0.17567	3.17850	3 X
K05UP6F	16.3	0.15	K118R	258.240	110.149	43.171	5.792	0.07208	3.13735	5 X
K05UU8W	15.4	0.15	K118R	29.049	161.906	200.151	11.921	0.06634	3.25308	6 X
K05UV4U	15.5	0.15	K118R	19.000	303.867	72.994	11.720	0.10247	3.20696	7 X
K05UY8L	14.9	0.15	K118R	325.142	219.719	225.262	20.983	0.09763	3.16055	3 X
K05Ud8G	15.8	0.15	K118R	55.148	246.186	98.345	13.771	0.39648	3.05743	3 X
K05Ui0S	15.4	0.15	K118R	5.716	149.790	243.622	15.896	0.11222	3.22538	5 X
K05Ui7L	16.3	0.15	K118R	27.600	114.650	301.941	6.388	0.25195	3.06283	3 X
K05Uj5L	15.7	0.15	K118R	17.121	85.445	284.931	10.802	0.08365	3.20495	4 X
K05Um1A	15.1	0.15	K118R	47.900	256.561	71.785	26.115	0.23576	3.17417	3 X
K05Up8N	15.8	0.15	K118R	241.552	31.941	124.667	8.267	0.03444	3.23647	5 X
K05Uq2N	16.1	0.15	K118R	113.004	87.088	189.948	18.728	0.04639	3.12207	4 X
K05V59A	15.2	0.15	K118R	355.588	170.198	239.229	20.425	0.11257	3.17364	3 X
K05V85B	15.3	0.15	K118R	326.281	36.725	72.770	17.504	0.10614	3.17081	4 X
K05VB9G	16.2	0.15	K118R	27.069	318.770	87.684	10.526	0.08554	3.06773	5 X
K05WE4L	15.7	0.15	K118R	25.570	294.652	134.729	10.154	0.13158	3.03571	5 X
K05X45G	15.5	0.15	K118R	148.719	192.280	57.383	9.765	0.07225	3.47862	5 X
K05Y15A	17.7	0.15	K118R	5.271	82.526	297.763	2.999	0.14506	2.14464	2 X
K05Y27R	15.5	0.15	K118R	299.092	229.499	313.154	4.182	0.11251	3.18340	5 X
K05Y50R	16.0	0.15	K118R	313.910	248.022	258.300	8.595	0.49195	3.36301	2 X
K05YB6O	17.6	0.15	K118R	13.039	328.697	34.820	2.455	0.17738	2.16298	4 X
K06A46X	15.6	0.15	K118R	61.687	273.174	125.081	9.989	0.07722	3.17382	4 X
K06A53D	17.9	0.15	K118R	274.658	252.529	229.596	1.979	0.08340	2.15868	6 X
K06B12Z	17.9	0.15	K118R	345.316	254.207	144.439	6.391	0.14894	2.18101	2 X
K06B34K	17.3	0.15	K118R	159.533	81.534	146.058	6.946	0.12534	2.28125	5 X
K06B52H	17.1	0.15	K118R	49.666	347.483	320.884	6.142	0.24732	2.29503	6 X
K06B96V	18.3	0.15	K118R	327.307	103.430	318.667	4.679	0.07701	2.22275	4 X
K06BJ9O	18.2	0.15	K118R	327.740	109.520	313.488	3.260	0.08770	2.21243	4 X
K06BQ9F	15.9	0.15	K118R	205.763	25.693	136.960	25.347	0.18746	2.35155	6 X
K06D59D	16.9	0.15	K118R	180.467	224.169	345.986	7.199	0.05652	2.28150	5 X
K06D63H	17.2	0.15	K118R	275.636	28.290	95.781	5.090	0.08076	2.20176	4 X
K06DB7Q	17.0	0.15	K118R	214.208	176.770	8.637	6.918	0.02384	2.26577	5 X
K06DL0W	18.3	0.15	K118R	289.475	100.947	7.013	6.374	0.10659	2.22524	4 X
K06E51E	17.6	0.15	K118R	133.496	206.632	45.797	2.994	0.17608	2.32057	4 X
K06H05M	17.0	0.15	K118R	130.599	200.209	61.556	6.980	0.09282	2.35709	7 X
K06H28B	16.8	0.15	K118R	307.522	315.853	132.364	6.810	0.05448	2.35696	4 X
K06H58J	16.1	0.15	K118R	39.894	269.187	48.026	28.909	0.34702	2.60359	2 X
K06H97P	18.0	0.15	K118R	193.042	321.491	249.207	2.155	0.17469	2.31704	6 X
K06HB0Z	17.2	0.15	K118R	296.701	273.573	191.926	7.047	0.05842	2.31542	5 X
K06HF1Z	17.2	0.15	K118R	173.295	347.001	239.614	5.356	0.03394	2.32358	6 X
K06J02C	17.9	0.15	K118R	133.707	16.682	237.246	0.912	0.15756	2.39069	5 X
K06J08J	17.5	0.15	K118R	122.436	200.066	65.879	3.347	0.17024	2.40869	4 X
K06J09P	18.4	0.15	K118R	263.728	262.165	240.913	4.088	0.13883	2.28512	3 X
K06J51A	17.7	0.15	K118R	106.290	227.739	54.815	4.723	0.10538	2.39097	4 X
K06K05O	17.6	0.15	K118R	152.029	6.949	231.515	5.416	0.14032	2.39274	4 X
K06K10X	16.7	0.15	K118R	356.698	325.400	68.887	7.121	0.10031	2.41387	5 X
K06K40L	16.4	0.15	K118R	32.353	238.814	82.123	18.355	0.30911	2.66279	6 X
K06K40Y	17.9	0.15	K118R	292.202	47.033	63.364	7.764	0.07242	2.33450	4 X
K06K41D	17.7	0.15	K118R	165.727	350.283	229.177	6.515	0.06049	2.40417	4 X
K06L07Z	15.4	0.15	K118R	96.889	224.317	44.517	14.687	0.21117	2.59451	3 X
K06M08V	17.3	0.15	K118R	45.071	90.653	271.177	8.111	0.22879	2.57996	5 X
K06M10J	18.7	0.15	K118R	336.952	272.535	106.175	39.287	0.58611	1.87578	4 X
K06O10K	16.8	0.15	K118R	29.258	72.112	264.444	7.857	0.27268	2.74397	3 X
K06O21W	16.4	0.15	K118R	73.818	263.958	39.578	14.206	0.16984	2.66355	4 X
K06P03U	17.0	0.15	K118R	8.163	48.473	322.397	1.538	0.33926	2.77586	5 X
K06P20J	16.6	0.15	K118R	30.429	288.752	44.292	9.428	0.29961	2.75539	4 X
K06P22E	16.1	0.15	K118R	36.915	169.468	169.485	9.049	0.14039	2.73296	4 X
K06P24G	16.1	0.15	K118R	19.658	239.195	127.877	15.114	0.14686	2.67336	5 X
K06P28D	16.4	0.15	K118R	48.803	242.226	85.857	14.905	0.23055	2.68010	4 X
K06P31L	16.4	0.15	K118R	41.139	254.124	83.480	13.867	0.16221	2.67022	6 X
K06P31O	16.6	0.15	K118R	47.723	262.326	60.039	10.569	0.24193	2.69449	4 X

K06P32X	16.0	0.15	K118R	51.405	248.951	88.196	15.310	0.17612	2.68235	5 X
K06Q19K	17.1	0.15	K118R	351.064	255.774	136.439	9.117	0.21995	2.79173	3 X
K06Q30T	16.0	0.15	K118R	12.560	0.325	1.213	8.963	0.24899	2.78730	3 X
K06Q52M	16.3	0.15	K118R	46.311	222.879	112.009	4.315	0.09891	2.69632	7 X
K06Q59U	16.3	0.15	K118R	13.529	182.907	190.103	9.373	0.23076	2.75190	4 X
K06Q61J	16.3	0.15	K118R	34.440	70.221	266.387	11.956	0.22674	2.72636	5 X
K06Q66R	16.4	0.15	K118R	349.599	235.829	164.927	13.678	0.20900	2.76917	2 X
K06Q90K	16.6	0.15	K118R	17.513	149.004	203.808	7.318	0.32330	2.80086	3 X
K06QB3E	16.3	0.15	K118R	53.543	19.076	298.186	6.336	0.18001	2.74965	4 X
K06QG7T	16.7	0.15	K118R	4.769	326.376	61.591	2.738	0.23980	2.75560	3 X
K06QH0R	16.5	0.15	K118R	20.633	56.711	306.351	5.060	0.08565	2.74573	4 X
K06R05J	16.0	0.15	K118R	9.247	160.729	216.762	12.405	0.14788	2.75352	5 X
K06R10M	16.6	0.15	K118R	48.168	110.133	226.665	3.013	0.09173	2.72729	4 X
K06R11J	16.7	0.15	K118R	55.961	20.700	301.757	4.101	0.15970	2.74286	5 X
K06R16G	16.3	0.15	K118R	61.001	48.978	272.338	7.878	0.20922	2.72503	4 X
K06R31C	15.8	0.15	K118R	351.220	81.426	338.545	6.976	0.22041	2.75794	4 X
K06R35G	17.2	0.15	K118R	12.427	118.815	252.805	7.695	0.23152	2.80169	2 X
K06R36J	16.3	0.15	K118R	6.248	82.685	321.468	7.846	0.14044	2.74291	4 X
K06R38U	16.3	0.15	K118R	351.864	279.514	123.658	5.695	0.18595	2.77716	4 X
K06R58S	17.0	0.15	K118R	300.446	63.289	29.536	1.721	0.07438	2.81884	3 X
K06R61A	16.4	0.15	K118R	17.992	100.111	270.485	6.737	0.21505	2.78637	4 X
K06R64V	17.2	0.15	K118R	332.011	190.249	232.167	6.741	0.21644	2.74854	3 X
K06R67A	16.3	0.15	K118R	119.408	86.498	176.799	14.177	0.01788	2.66365	3 X
K06R85X	16.9	0.15	K118R	318.824	253.321	184.344	12.210	0.11916	2.81380	4 X
K06R88W	16.6	0.15	K118R	305.306	212.950	242.636	2.446	0.05307	2.78108	5 X
K06R92J	16.9	0.15	K118R	17.333	13.742	358.001	3.920	0.11876	2.80777	3 X
K06RA4E	16.4	0.15	K118R	343.918	272.020	154.687	6.099	0.12742	2.74053	5 X
K06RB4X	17.0	0.15	K118R	18.897	182.187	194.132	1.483	0.04872	2.77226	6 X
K06S01G	16.2	0.15	K118R	335.781	74.843	348.627	8.479	0.16474	2.78376	4 X
K06S39T	17.0	0.15	K118R	341.091	42.722	48.984	3.019	0.17458	2.63904	6 X
K06S51E	16.4	0.15	K118R	349.656	174.167	231.830	6.348	0.20741	2.80175	3 X
K06S60O	16.7	0.15	K118R	328.447	325.167	108.179	7.269	0.26649	2.86540	4 X
K06SD3S	16.8	0.15	K118R	22.883	106.448	254.028	3.904	0.18253	2.78688	4 X
K06SD9F	16.6	0.15	K118R	337.896	24.347	46.894	8.768	0.30683	2.84963	3 X
K06SF6V	17.3	0.15	K118R	317.662	239.903	201.822	2.030	0.02512	2.72758	4 X
K06SG9A	16.8	0.15	K118R	338.830	119.790	307.731	2.776	0.15224	2.75264	3 X
K06SJ2J	17.1	0.15	K118R	278.313	72.094	59.705	4.099	0.11547	2.74951	4 X
K06SJ6X	16.2	0.15	K118R	60.150	263.877	129.844	14.246	0.09043	2.58341	4 X
K06SJ7M	16.3	0.15	K118R	49.705	68.785	284.330	14.524	0.31096	2.70957	3 X
K06SJ8L	18.4	0.15	K118R	355.156	213.060	173.299	16.556	0.37405	1.79958	4 X
K06SJ9B	16.9	0.15	K118R	56.509	109.274	222.885	2.013	0.10270	2.75936	5 X
K06SM1A	16.9	0.15	K118R	250.873	328.789	176.941	12.367	0.09825	2.74048	4 X
K06SM6L	17.2	0.15	K118R	99.011	46.308	247.810	5.121	0.08243	2.71612	5 X
K06SM8H	17.1	0.15	K118R	342.842	188.916	227.119	5.144	0.03138	2.75036	5 X
K06SM9S	16.1	0.15	K118R	148.129	14.043	224.853	5.837	0.00843	2.79923	5 X
K06SN4T	17.8	0.15	K118R	358.972	146.260	250.963	3.414	0.11035	2.77300	3 X
K06SN4Y	17.0	0.15	K118R	12.555	105.359	273.719	2.596	0.11228	2.77782	5 X
K06SO1Q	17.5	0.15	K118R	41.128	192.382	150.557	2.028	0.10478	2.75364	4 X
K06SP4W	17.4	0.15	K118R	34.346	281.542	74.188	0.605	0.08297	2.79805	5 X
K06SU2K	16.4	0.15	K118R	52.627	123.086	221.663	5.364	0.03219	2.71981	3 X
K06SU9Q	17.0	0.15	K118R	69.704	77.740	241.584	2.750	0.09399	2.77358	5 X
K06SW5S	17.1	0.15	K118R	341.231	331.396	87.362	1.757	0.06046	2.81641	4 X
K06SX1R	17.3	0.15	K118R	7.209	323.574	65.910	0.921	0.08200	2.76898	6 X
K06SX3B	17.1	0.15	K118R	65.615	150.927	169.058	4.496	0.06778	2.79441	5 X
K06SY2W	16.8	0.15	K118R	34.164	118.361	226.514	9.130	0.10240	2.87190	3 X
K06SY7Z	17.3	0.15	K118R	317.182	87.907	345.402	1.442	0.04162	2.87280	5 X
K06Sa7O	15.5	0.15	K118R	31.053	248.587	110.807	12.977	0.21888	2.73642	5 X
K06T11Z	16.9	0.15	K118R	18.020	135.362	239.299	4.900	0.09375	2.89988	5 X
K06T14Q	16.4	0.15	K118R	10.470	144.867	227.899	5.202	0.08088	2.86062	5 X
K06T46D	17.4	0.15	K118R	8.110	316.752	71.988	3.010	0.10796	2.88797	3 X
K06T46L	16.6	0.15	K118R	5.353	172.002	210.405	5.513	0.10444	2.93633	5 X
K06T50U	16.9	0.15	K118R	45.892	124.153	220.568	1.403	0.06393	2.92425	7 X

K06T61E	17.0	0.15	K118R	341.205	3.764	54.625	2.284	0.24001	2.85189	4 X
K06T77K	15.9	0.15	K118R	26.656	302.940	85.433	14.403	0.19900	2.74518	7 X
K06TA1V	16.9	0.15	K118R	54.700	32.660	303.762	1.001	0.07028	2.86066	3 X
K06TB8B	16.5	0.15	K118R	344.521	255.288	149.179	12.576	0.06332	2.92765	6 X
K06TB9C	16.7	0.15	K118R	59.550	276.355	87.648	12.741	0.13529	2.69510	4 X
K06TC3M	15.9	0.15	K118R	356.513	316.560	91.138	10.780	0.08791	3.10408	8 X
K06TC5G	16.9	0.15	K118R	6.808	314.469	120.766	8.456	0.23168	2.68502	4 X
K06TC8Y	16.8	0.15	K118R	349.436	3.918	44.011	12.017	0.09774	2.86566	5 X
K06U13E	16.8	0.15	K118R	349.663	267.432	135.946	3.000	0.06846	2.91139	4 X
K06U32D	16.6	0.15	K118R	325.129	32.042	43.619	2.599	0.04479	2.85967	4 X
K06U35E	16.7	0.15	K118R	29.019	147.202	216.792	2.741	0.09168	2.84255	5 X
K06U36Y	17.3	0.15	K118R	4.006	113.592	281.156	0.959	0.07613	2.86940	4 X
K06U37N	17.1	0.15	K118R	9.774	129.582	259.428	1.025	0.07935	2.86973	3 X
K06UC6G	17.4	0.15	K118R	340.932	177.954	240.550	5.072	0.07375	2.86107	2 X
K06UD0H	16.8	0.15	K118R	87.336	2.125	285.008	1.094	0.13534	2.90365	5 X
K06UD0O	17.3	0.15	K118R	142.677	242.402	15.580	2.014	0.02190	2.83559	7 X
K06UE3W	15.5	0.15	K118R	11.148	9.842	7.452	12.032	0.14999	2.93252	3 X
K06UE6R	16.6	0.15	K118R	338.522	84.586	329.046	6.960	0.15168	2.67744	4 X
K06UG4F	17.4	0.15	K118R	354.520	200.176	196.524	11.950	0.09149	2.87201	3 X
K06UH0Y	15.5	0.15	K118R	39.809	246.781	42.206	26.696	0.18602	3.12570	4 X
K06UH2O	17.9	0.15	K118R	46.691	271.089	74.141	1.486	0.07767	2.81387	3 X
K06UJ8L	17.4	0.15	K118R	198.885	348.023	215.065	1.282	0.02675	2.87143	4 X
K06UK9V	16.0	0.15	K118R	358.205	191.172	247.019	11.890	0.08577	2.72932	5 X
K06UO6B	17.1	0.15	K118R	222.520	122.570	57.025	0.721	0.00631	2.82228	7 X
K06UP3Y	17.4	0.15	K118R	11.114	173.512	214.440	1.293	0.06487	2.86828	5 X
K06UP9W	17.1	0.15	K118R	157.186	191.462	48.883	2.756	0.01375	2.85044	6 X
K06UR2F	16.2	0.15	K118R	26.169	128.493	231.808	8.965	0.11633	2.97206	3 X
K06UR3C	16.5	0.15	K118R	16.195	93.355	274.601	4.846	0.23799	2.91395	2 X
K06UR5O	17.2	0.15	K118R	332.519	218.761	215.908	5.546	0.07569	2.79817	3 X
K06UT5S	17.6	0.15	K118R	341.320	60.693	354.071	0.357	0.14086	2.72507	3 X
K06UX8Z	15.4	0.15	K118R	357.185	316.401	91.451	11.713	0.08648	3.14794	5 X
K06UZ8Z	16.9	0.15	K118R	312.913	86.373	359.671	1.032	0.03068	2.86088	4 X
K06V05X	16.9	0.15	K118R	2.576	334.459	59.901	2.850	0.13412	2.91356	6 X
K06V10A	16.5	0.15	K118R	45.112	91.791	233.234	7.746	0.18020	2.93147	3 X
K06V13Y	17.2	0.15	K118R	326.712	17.593	139.899	4.670	0.61332	2.92571	2 X
K06V42B	16.3	0.15	K118R	348.940	7.062	80.461	7.292	0.13498	2.77877	5 X
K06V94U	17.3	0.15	K118R	359.048	303.992	90.607	24.553	0.10348	1.87216	4 X
K06VA1K	15.4	0.15	K118R	319.992	327.041	79.119	20.273	0.15670	3.20593	5 X
K06VA6C	16.7	0.15	K118R	56.219	322.189	15.280	2.030	0.07417	2.87071	6 X
K06VC4A	15.6	0.15	K118R	223.331	138.414	52.395	6.482	0.12554	2.97115	5 X
K06VH0D	18.1	0.15	K118R	357.479	286.231	73.811	9.416	0.54824	2.95482	2 X
K06W03O	21.4	0.15	K118R	19.533	9.661	252.658	21.210	0.44740	0.79974	2 W
K06W05Y	16.6	0.15	K118R	8.421	279.608	105.414	4.350	0.12786	2.94500	4 X
K06W11S	15.3	0.15	K118R	124.606	348.125	281.673	8.834	0.06393	2.99861	4 X
K06W21B	16.5	0.15	K118R	17.483	317.178	111.731	4.656	0.18072	2.73696	4 X
K06W21S	16.2	0.15	K118R	19.446	279.828	85.155	11.883	0.12162	3.01699	3 X
K06W53P	16.2	0.15	K118R	304.120	23.958	73.588	14.312	0.18799	3.12290	5 X
K06W88Z	16.0	0.15	K118R	285.793	190.719	279.983	8.376	0.04536	3.12580	6 X
K06W89K	17.3	0.15	K118R	345.446	118.857	287.776	5.947	0.18346	3.03562	4 X
K06W89V	16.3	0.15	K118R	2.947	279.549	86.063	15.387	0.33130	3.06615	3 X
K06W97Q	18.0	0.15	K118R	347.256	161.371	251.454	1.745	0.17400	2.95149	2 X
K06WA4W	15.9	0.15	K118R	38.504	277.048	79.974	10.670	0.04197	3.00311	4 X
K06WB1D	16.6	0.15	K118R	338.602	331.605	77.875	11.659	0.13346	3.04924	2 X
K06WD8T	15.6	0.15	K118R	0.009	292.790	100.510	8.916	0.05325	2.91570	5 X
K06WG0N	16.2	0.15	K118R	312.357	358.492	87.623	13.353	0.16427	3.11268	3 X
K06WG0X	16.4	0.15	K118R	28.084	244.333	99.863	13.085	0.15042	3.04945	2 X
K06WI0L	17.5	0.15	K118R	337.147	212.143	203.006	1.928	0.16151	3.01090	2 X
K06WJ3H	15.8	0.15	K118R	187.207	117.505	80.732	22.000	0.09223	3.19125	5 X
K06WJ9K	17.3	0.15	K118R	332.131	214.036	218.280	0.510	0.13378	2.97122	3 X
K06WJ9N	15.9	0.15	K118R	13.775	292.980	82.348	11.618	0.12512	3.02627	3 X
K06X06M	16.0	0.15	K118R	303.479	49.711	55.694	13.130	0.09502	2.98977	4 X
K06X08J	16.0	0.15	K118R	291.778	33.830	86.127	18.043	0.18263	3.09031	3 X

K06X17J	15.7	0.15	K118R	3.956	89.296	294.057	20.500	0.27645	3.07915	3 X
K06X19C	15.9	0.15	K118R	329.001	348.396	94.966	12.096	0.10113	3.05527	6 X
K06X22D	16.2	0.15	K118R	359.719	297.418	82.272	14.814	0.21915	3.05478	3 X
K06X29Q	17.1	0.15	K118R	5.094	141.387	243.956	8.733	0.16402	3.01040	2 X
K06X34U	15.4	0.15	K118R	200.123	122.447	79.236	13.275	0.00620	3.11299	6 X
K06X35B	15.4	0.15	K118R	274.957	66.980	64.384	23.806	0.15138	3.22520	5 X
K06X42J	15.2	0.15	K118R	270.892	82.009	68.090	18.055	0.12331	3.11429	4 X
K06X58B	15.7	0.15	K118R	356.852	314.463	93.019	18.843	0.16806	3.04688	4 X
K06X65M	15.7	0.15	K118R	296.240	221.775	234.278	18.177	0.05118	3.12148	5 X
K06X71V	16.4	0.15	K118R	339.780	326.361	89.085	9.244	0.19852	3.12335	4 X
K06X72T	17.5	0.15	K118R	335.862	5.600	66.318	2.185	0.24862	3.05977	4 X
K06Y05G	17.0	0.15	K118R	343.474	0.301	92.533	5.501	0.17596	2.80798	5 X
K06Y06R	16.0	0.15	K118R	300.209	25.284	77.001	9.291	0.08890	3.07341	8 X
K06Y07J	16.7	0.15	K118R	344.859	316.306	84.360	14.643	0.22706	3.03017	3 X
K06Y07Q	15.0	0.15	K118R	44.170	113.433	236.421	22.708	0.17725	2.96819	6 X
K06Y13D	15.5	0.15	K118R	86.685	20.915	276.279	8.304	0.06803	3.14564	4 X
K06Y25E	15.9	0.15	K118R	353.335	322.818	89.307	12.016	0.10117	3.08153	5 X
K06Y37N	16.7	0.15	K118R	353.982	300.017	98.445	10.367	0.31302	3.09855	3 X
K06Y45P	15.7	0.15	K118R	140.086	161.523	84.807	21.051	0.10297	3.14954	5 X
K07A20W	15.5	0.15	K118R	291.024	355.948	137.677	6.435	0.10836	3.19706	5 X
K07A29Q	15.5	0.15	K118R	317.465	343.216	119.867	11.376	0.16669	3.18821	6 X
K07B46W	16.7	0.15	K118R	309.060	119.710	31.871	2.433	0.25548	2.98743	5 X
K07B64S	16.4	0.15	K118R	345.916	266.580	154.070	5.176	0.17860	3.19930	5 X
K07C60H	15.4	0.15	K118R	297.849	203.669	273.006	9.298	0.12954	3.23240	5 X
K07C63F	17.2	0.15	K118R	344.108	80.952	334.141	18.888	0.11718	1.89701	3 X
K07D60V	17.8	0.15	K118R	282.418	255.757	216.909	19.838	0.07504	1.93615	7 X
K07DA4H	17.6	0.15	K118R	245.115	68.179	84.502	23.804	0.06906	1.94311	3 X
K07EL5U	15.2	0.15	K118R	29.579	306.053	132.576	11.010	0.04565	3.08068	5 X
K07G16U	17.2	0.15	K118R	24.822	163.835	28.716	13.780	0.16279	2.62658	2 X
K07G27V	15.9	0.15	K118R	279.916	83.809	132.292	13.194	0.24337	3.10912	4 X
K07G74Y	15.2	0.15	K118R	323.067	31.311	121.906	17.469	0.18499	3.13813	4 X
K07H95X	18.5	0.15	K118R	43.415	185.960	120.290	11.808	0.25454	2.29067	3 X
K07M09V	17.0	0.15	K118R	1.782	178.048	187.692	3.404	0.32029	2.39396	4 X
K07M24G	14.7	0.15	K118R	151.463	188.745	101.448	32.691	0.14767	3.15538	5 X
K07O02B	17.2	0.15	K118R	16.848	191.413	147.547	3.707	0.39002	2.45600	2 X
K07O03O	17.1	0.15	K118R	57.213	146.836	170.038	4.971	0.16534	2.28691	4 X
K07P10V	15.9	0.15	K118R	12.868	102.381	263.689	21.082	0.19337	2.41553	4 X
K07P21X	17.2	0.15	K118R	20.784	237.959	123.743	6.012	0.20991	2.36160	4 X
K07P26P	17.1	0.15	K118R	39.433	25.303	292.902	4.142	0.24592	2.38496	4 X
K07Q00B	17.8	0.15	K118R	12.942	179.720	173.065	7.702	0.25624	2.43491	2 X
K07Q02O	18.1	0.15	K118R	39.643	149.710	187.669	0.793	0.06092	2.31789	6 X
K07Q05N	17.2	0.15	K118R	12.701	203.822	163.209	5.420	0.24516	2.39651	4 X
K07Q09T	17.1	0.15	K118R	5.098	167.763	200.735	0.847	0.18746	2.42370	5 X
K07Q11O	17.2	0.15	K118R	184.135	224.819	338.775	7.088	0.07766	2.31217	3 X
K07Q16U	17.3	0.15	K118R	15.228	301.048	59.252	3.324	0.22022	2.38541	4 X
K07R11R	17.0	0.15	K118R	327.813	238.010	194.743	6.769	0.07229	2.32332	7 X
K07R38F	17.2	0.15	K118R	349.940	337.947	60.756	3.785	0.18514	2.42150	4 X
K07R42T	17.1	0.15	K118R	71.026	74.794	228.412	4.809	0.17446	2.36420	3 X
K07R51Q	17.7	0.15	K118R	4.995	117.603	259.527	3.911	0.21678	2.43000	3 X
K07R52D	16.6	0.15	K118R	85.584	326.344	324.195	6.946	0.11823	2.38738	4 X
K07R63P	18.0	0.15	K118R	5.557	15.587	356.630	2.371	0.19842	2.39971	5 X
K07R68X	16.7	0.15	K118R	35.771	330.377	7.980	6.877	0.13123	2.39330	6 X
K07R83E	17.6	0.15	K118R	339.940	49.194	6.804	3.010	0.16491	2.37193	5 X
K07R83S	17.7	0.15	K118R	8.678	94.888	275.405	0.753	0.19936	2.39960	4 X
K07R87K	17.9	0.15	K118R	339.120	249.225	169.934	2.457	0.19901	2.40397	2 X
K07RA2V	18.1	0.15	K118R	328.155	302.923	129.787	1.002	0.19235	2.35825	4 X
K07RA6T	17.8	0.15	K118R	9.474	199.189	170.809	2.517	0.22692	2.40587	2 X
K07RC8D	17.9	0.15	K118R	326.597	278.551	166.947	3.459	0.37940	2.46951	4 X
K07RD7B	17.5	0.15	K118R	335.212	23.606	38.085	1.827	0.16306	2.38228	3 X
K07RD8X	17.7	0.15	K118R	349.875	83.887	313.323	1.221	0.21658	2.42386	7 X
K07RD9Z	17.5	0.15	K118R	34.981	82.790	253.468	0.348	0.20029	2.39341	5 X
K07RE1G	17.2	0.15	K118R	28.968	139.249	205.506	2.158	0.20631	2.41776	4 X

K07RE5N	16.8	0.15	K118R	358.587	213.389	202.064	5.576	0.17702	2.36529	5 X
K07RF8D	17.5	0.15	K118R	2.447	250.287	127.928	3.033	0.22652	2.41646	3 X
K07RH4L	17.7	0.15	K118R	23.879	306.195	54.553	4.639	0.13516	2.41050	4 X
K07RK8X	17.9	0.15	K118R	333.151	13.300	47.254	3.563	0.16488	2.42094	4 X
K07RM8X	17.1	0.15	K118R	359.670	285.308	98.767	2.274	0.19183	2.38320	6 X
K07RN3O	17.4	0.15	K118R	24.382	223.763	127.361	6.274	0.21349	2.41590	4 X
K07RN8R	17.4	0.15	K118R	31.714	283.724	42.641	5.587	0.24614	2.40102	3 X
K07RO4L	18.5	0.15	K118R	354.346	331.868	60.207	2.024	0.19694	2.44670	3 X
K07RP9V	17.6	0.15	K118R	321.923	20.761	61.982	4.260	0.20157	2.42018	2 X
K07RQ5V	18.1	0.15	K118R	6.878	107.050	263.248	0.699	0.21600	2.41906	3 X
K07RR0G	16.5	0.15	K118R	345.276	186.791	225.129	15.746	0.18327	2.55151	2 X
K07RR3L	17.7	0.15	K118R	3.509	105.716	275.915	1.564	0.17040	2.43408	3 X
K07RS4Q	17.4	0.15	K118R	351.935	313.522	83.712	6.280	0.14742	2.40855	4 X
K07RT7C	18.5	0.15	K118R	39.261	281.698	52.361	3.238	0.18702	2.40455	3 X
K07RT9C	17.0	0.15	K118R	320.646	286.167	164.062	6.681	0.13487	2.36627	5 X
K07RU9U	16.4	0.15	K118R	54.255	277.332	54.528	12.524	0.07876	2.56362	3 X
K07RV0D	17.1	0.15	K118R	10.979	272.592	93.939	6.610	0.23286	2.39686	4 X
K07RV0K	16.9	0.15	K118R	78.754	252.385	34.519	6.567	0.19674	2.35054	5 X
K07RV1D	17.0	0.15	K118R	349.763	306.375	95.447	7.397	0.18948	2.37356	4 X
K07RV5C	17.7	0.15	K118R	14.917	104.338	260.949	1.503	0.20442	2.37809	5 X
K07RW1S	18.1	0.15	K118R	43.028	240.741	84.927	1.989	0.22601	2.40931	3 X
K07RW2F	18.4	0.15	K118R	23.569	155.988	197.530	0.546	0.20447	2.41697	3 X
K07RW2U	18.1	0.15	K118R	34.012	263.941	75.861	2.296	0.19509	2.41810	2 X
K07S04D	15.7	0.15	K118R	358.780	158.366	222.890	17.160	0.21603	2.57089	3 X
K07S08L	17.3	0.15	K118R	19.742	284.868	70.196	2.314	0.20228	2.44761	6 X
K07S14M	15.6	0.15	K118R	327.870	155.557	255.414	11.050	0.19100	2.60969	3 X
K07S15Y	17.7	0.15	K118R	46.971	242.055	73.001	2.182	0.19752	2.38856	2 X
K07S18U	18.0	0.15	K118R	7.906	295.869	74.610	2.032	0.24236	2.52168	4 X
K07T07S	16.0	0.15	K118R	346.911	349.111	43.069	12.909	0.18583	2.55820	3 X
K07T18H	17.3	0.15	K118R	346.379	9.511	40.786	2.774	0.19692	2.43036	3 X
K07T24G	18.0	0.15	K118R	6.718	76.787	333.203	0.596	0.17265	2.36653	4 X
K07T26Z	17.4	0.15	K118R	33.051	326.092	19.626	6.170	0.12835	2.44592	5 X
K07T75R	17.8	0.15	K118R	352.544	35.302	350.989	0.784	0.19937	2.46153	4 X
K07TA4K	17.3	0.15	K118R	251.325	95.225	55.806	5.539	0.03400	2.47477	4 X
K07TB0H	17.4	0.15	K118R	133.529	96.959	160.855	1.584	0.14163	2.42561	7 X
K07TB3K	16.5	0.15	K118R	339.455	285.172	140.134	6.276	0.16250	2.41527	4 X
K07TD4X	17.5	0.15	K118R	332.123	216.170	206.116	6.086	0.19699	2.40627	3 X
K07TE7D	16.9	0.15	K118R	54.826	294.835	26.326	7.157	0.13637	2.38332	4 X
K07TF0H	17.2	0.15	K118R	39.104	14.660	321.608	5.738	0.15038	2.40400	5 X
K07TI6G	17.0	0.15	K118R	349.411	258.919	151.869	5.797	0.19675	2.42474	5 X
K07TJ5A	18.2	0.15	K118R	325.912	228.693	207.981	1.601	0.16889	2.46749	3 X
K07TJ7Q	17.5	0.15	K118R	309.738	289.347	166.498	4.365	0.19386	2.32621	3 X
K07TK1K	18.0	0.15	K118R	77.869	59.670	240.371	0.589	0.16895	2.44171	5 X
K07TL8A	16.5	0.15	K118R	144.190	216.122	29.929	7.770	0.07285	2.52503	7 X
K07TM0K	17.9	0.15	K118R	342.866	350.485	63.503	1.335	0.19515	2.40088	5 X
K07TM1Z	17.7	0.15	K118R	66.892	153.523	154.501	1.468	0.19239	2.41490	5 X
K07TN2H	17.7	0.15	K118R	22.235	142.453	208.933	4.391	0.17362	2.53371	4 X
K07TP3T	17.8	0.15	K118R	47.365	183.811	154.692	1.439	0.09002	2.41923	3 X
K07TQ6F	17.7	0.15	K118R	157.128	47.921	173.585	10.841	0.10072	2.34707	4 X
K07TS9G	16.6	0.15	K118R	26.897	276.764	68.605	9.781	0.23756	2.43112	5 X
K07TT1L	18.0	0.15	K118R	32.005	95.882	248.047	1.360	0.18620	2.40545	2 X
K07TU1E	17.1	0.15	K118R	226.804	308.528	227.564	5.623	0.07938	2.46377	4 X
K07TV2E	18.0	0.15	K118R	28.630	270.935	73.182	3.505	0.21395	2.45480	4 X
K07Ta4C	16.6	0.15	K118R	299.718	218.100	258.413	3.984	0.15454	2.71053	4 X
K07Td2W	17.5	0.15	K118R	345.866	95.722	343.514	2.006	0.17841	2.39108	5 X
K07Te4S	17.6	0.15	K118R	343.628	29.003	10.399	4.153	0.18110	2.53975	3 X
K07Tf0J	18.7	0.15	K118R	19.322	21.614	336.481	0.687	0.20920	2.44140	3 X
K07Tf2Y	16.8	0.15	K118R	359.574	337.098	84.543	7.487	0.07578	2.28797	5 X
K07Th0E	17.3	0.15	K118R	49.637	285.538	79.809	6.208	0.12141	2.36555	4 X
K07Ti1E	16.9	0.15	K118R	333.493	273.152	142.404	10.742	0.14773	2.53388	4 X
K07U27X	17.9	0.15	K118R	341.639	257.423	149.068	2.982	0.18408	2.44071	4 X
K07U36V	16.9	0.15	K118R	311.678	0.787	88.282	5.759	0.14619	2.44807	5 X

K07U38G	17.1	0.15	K118R	341.784	6.228	43.453	3.496	0.15112	2.52468	4 X
K07U52T	16.0	0.15	K118R	3.994	259.247	125.423	4.206	0.13109	2.55912	5 X
K07U80W	17.5	0.15	K118R	3.046	354.560	26.967	1.950	0.01959	2.51220	4 X
K07U83F	17.6	0.15	K118R	23.258	126.489	226.270	14.172	0.11727	2.54420	2 X
K07U88M	17.4	0.15	K118R	34.303	349.157	2.653	1.159	0.12123	2.52124	3 X
K07UA0L	17.7	0.15	K118R	18.676	322.315	48.641	3.402	0.11717	2.52700	3 X
K07UA0O	16.4	0.15	K118R	185.808	332.564	240.460	13.327	0.05209	2.54932	2 X
K07UA0S	16.7	0.15	K118R	70.286	261.937	56.152	10.547	0.09892	2.52989	4 X
K07UB6E	16.7	0.15	K118R	24.682	135.097	212.931	5.894	0.14060	2.57349	4 X
K07UD7G	18.0	0.15	K118R	18.357	241.850	129.389	5.659	0.14522	2.42302	2 X
K07UD8M	16.8	0.15	K118R	341.126	53.537	355.941	5.119	0.20214	2.54656	2 X
K07UE0R	17.2	0.15	K118R	359.700	231.140	154.894	6.360	0.29950	2.52271	4 X
K07V02A	16.7	0.15	K118R	340.779	198.205	189.041	4.835	0.33987	2.59870	3 X
K07V11P	15.8	0.15	K118R	43.524	268.443	60.612	15.532	0.13534	2.58168	4 X
K07V18Y	17.7	0.15	K118R	132.603	181.665	77.160	2.646	0.15418	2.42412	5 X
K07V25B	18.1	0.15	K118R	0.171	235.954	140.452	6.305	0.13114	2.57639	2 X
K07V62U	16.8	0.15	K118R	269.657	99.553	44.227	4.054	0.12829	2.53957	5 X
K07V63A	17.0	0.15	K118R	60.957	66.592	244.259	3.418	0.21428	2.56511	4 X
K07V63C	17.0	0.15	K118R	28.600	291.344	57.967	10.377	0.19193	2.54888	2 X
K07V64E	17.4	0.15	K118R	14.330	307.704	51.288	7.656	0.26492	2.56025	2 X
K07V64T	16.9	0.15	K118R	331.829	9.491	59.937	15.365	0.15962	2.55607	2 X
K07V65J	16.6	0.15	K118R	43.449	71.534	263.075	2.767	0.19898	2.57014	5 X
K07V72D	17.8	0.15	K118R	321.717	237.645	198.212	4.561	0.15966	2.45382	3 X
K07V80A	16.9	0.15	K118R	333.853	181.515	239.721	7.926	0.06821	2.55873	3 X
K07V80M	16.6	0.15	K118R	35.020	292.042	55.776	2.718	0.13326	2.55041	4 X
K07V84D	17.0	0.15	K118R	339.710	186.971	218.113	4.310	0.30223	2.58785	3 X
K07V89K	17.7	0.15	K118R	355.008	152.323	244.562	5.708	0.11263	2.47919	3 X
K07V89X	16.6	0.15	K118R	299.175	231.144	222.230	21.193	0.08091	2.55222	3 X
K07V91E	17.9	0.15	K118R	25.211	205.946	163.500	7.335	0.12311	2.44198	5 X
K07V95U	17.6	0.15	K118R	324.086	194.281	276.044	2.273	0.17673	2.41050	5 X
K07V96D	17.9	0.15	K118R	18.904	175.393	199.838	7.394	0.10836	2.46296	5 X
K07VA0W	18.1	0.15	K118R	351.771	357.455	29.227	3.404	0.26508	2.57125	3 X
K07VA1H	17.8	0.15	K118R	316.909	29.671	54.790	15.896	0.08164	2.55196	2 X
K07VA3K	17.1	0.15	K118R	325.620	19.510	50.969	6.538	0.10522	2.44124	2 X
K07VB2U	17.0	0.15	K118R	65.591	73.428	235.669	2.226	0.18311	2.54759	4 X
K07VB3D	17.7	0.15	K118R	303.163	17.800	85.394	1.801	0.12760	2.54055	4 X
K07VB6C	17.0	0.15	K118R	38.699	122.225	205.504	5.180	0.21142	2.59582	2 X
K07VC5M	17.0	0.15	K118R	315.716	306.600	137.809	7.012	0.24937	2.55646	3 X
K07VFC0	17.9	0.15	K118R	72.354	54.052	249.087	3.935	0.15895	2.41987	6 X
K07VG3F	16.9	0.15	K118R	36.446	66.295	257.076	5.836	0.30149	2.55418	4 X
K07VG4F	16.9	0.15	K118R	181.505	333.765	247.802	8.442	0.13482	2.56008	5 X
K07VG4Z	17.4	0.15	K118R	278.825	246.892	249.449	2.098	0.16675	2.55508	2 X
K07VG7W	17.1	0.15	K118R	352.412	345.636	44.289	4.298	0.16746	2.60100	4 X
K07VG9V	17.2	0.15	K118R	0.788	300.697	77.922	5.542	0.29920	2.55574	4 X
K07VH3C	16.8	0.15	K118R	4.974	254.001	122.431	5.708	0.15395	2.53309	5 X
K07VI8R	16.1	0.15	K118R	16.977	321.517	42.351	14.695	0.09136	2.56228	4 X
K07VJ4Y	17.0	0.15	K118R	356.739	144.873	275.454	12.545	0.22976	2.54413	3 X
K07VJ7E	16.6	0.15	K118R	308.262	22.028	82.826	14.826	0.20292	2.66089	4 X
K07VN7L	17.7	0.15	K118R	218.132	124.527	57.805	2.911	0.04450	2.51090	4 X
K07VO4W	17.9	0.15	K118R	319.259	118.468	358.439	1.287	0.13998	2.40760	4 X
K07VP0R	16.7	0.15	K118R	331.347	216.585	205.063	14.800	0.11450	2.58044	4 X
K07VP3L	17.7	0.15	K118R	355.474	213.653	165.961	5.981	0.28745	2.52687	3 X
K07VQ5J	17.1	0.15	K118R	300.873	209.545	262.351	7.992	0.12693	2.55049	2 X
K07VQ8V	17.0	0.15	K118R	329.013	341.406	87.984	7.241	0.20064	2.54233	3 X
K07VQ9B	15.6	0.15	K118R	49.160	96.819	233.476	11.674	0.17986	2.56413	3 X
K07VQ9T	16.3	0.15	K118R	215.546	302.285	236.404	14.023	0.06917	2.57007	5 X
K07VR0G	17.0	0.15	K118R	282.076	93.918	49.143	5.753	0.24105	2.54535	3 X
K07VS2P	17.7	0.15	K118R	12.984	142.608	233.579	5.456	0.11180	2.53265	2 W
K07VT0B	16.8	0.15	K118R	334.790	352.206	68.699	6.823	0.20564	2.56107	3 X
K07VT0P	17.9	0.15	K118R	325.103	206.641	226.342	0.916	0.11391	2.57706	4 X
K07VT0R	17.2	0.15	K118R	238.775	305.494	215.345	1.042	0.04790	2.60482	5 X
K07VT6P	16.6	0.15	K118R	335.079	298.159	132.344	6.814	0.23765	2.53234	3 X

K07VU7W	19.7	0.15	K118R	358.584	130.060	248.371	4.551	0.30431	2.53923	2 X
K07VU8C	17.6	0.15	K118R	30.448	277.994	68.464	1.681	0.20068	2.55475	3 X
K07VV0N	16.5	0.15	K118R	150.963	149.237	83.851	12.653	0.13107	2.67651	4 X
K07VV2J	17.1	0.15	K118R	316.787	84.010	42.559	4.059	0.19459	2.52871	3 X
K07VV6J	16.9	0.15	K118R	343.370	318.882	80.367	16.989	0.16689	2.74513	3 X
K07VW2B	17.3	0.15	K118R	355.676	198.251	184.288	6.050	0.31118	2.56221	2 X
K07VW3L	17.8	0.15	K118R	351.211	342.978	56.930	2.439	0.23034	2.52332	2 X
K07VW8L	16.1	0.15	K118R	24.984	269.664	83.653	9.632	0.18499	2.57541	4 X
K07VW9L	16.0	0.15	K118R	54.407	62.598	258.831	12.269	0.20379	2.56497	3 X
K07VW9W	17.0	0.15	K118R	71.813	250.559	52.719	3.919	0.21014	2.56653	3 X
K07VX0A	16.8	0.15	K118R	356.436	300.409	85.115	16.254	0.12995	2.72610	4 X
K07VX1G	16.8	0.15	K118R	315.308	349.684	99.459	3.025	0.14806	2.57715	5 X
K07VX4G	16.1	0.15	K118R	321.517	11.387	102.909	25.360	0.26281	2.44133	4 X
K07VX4R	16.6	0.15	K118R	32.966	101.706	241.410	3.259	0.16627	2.58558	5 X
K07W07O	16.5	0.15	K118R	346.592	352.789	44.111	9.141	0.20437	2.57143	2 X
K07W08U	16.0	0.15	K118R	353.289	316.366	75.421	14.588	0.24755	2.62514	4 X
K07W11F	16.7	0.15	K118R	351.210	180.041	213.258	15.244	0.12981	2.56526	2 X
K07W11M	17.2	0.15	K118R	337.058	286.408	132.608	4.587	0.23486	2.54048	2 X
K07W14T	17.7	0.15	K118R	287.634	56.811	76.577	6.747	0.26837	2.56765	2 X
K07W20K	15.8	0.15	K118R	343.420	340.396	70.588	14.399	0.24043	2.66576	5 X
K07W20R	16.4	0.15	K118R	279.945	189.658	300.365	7.084	0.16331	2.78915	5 X
K07W27Y	17.0	0.15	K118R	311.790	166.733	291.591	4.452	0.12824	2.55089	2 X
K07W39D	17.2	0.15	K118R	350.769	10.692	27.975	6.389	0.14553	2.56741	4 X
K07W42P	17.5	0.15	K118R	333.828	191.796	232.785	12.090	0.14239	2.56034	3 X
K07W43S	17.6	0.15	K118R	326.734	59.489	14.739	4.242	0.15920	2.54995	4 X
K07W52U	16.9	0.15	K118R	282.761	21.790	96.731	10.513	0.16442	2.57090	5 X
K07W60Z	17.1	0.15	K118R	317.749	237.469	263.126	4.142	0.13509	2.37050	5 X
K07X01P	17.8	0.15	K118R	314.662	42.342	81.907	3.655	0.15367	2.43423	6 X
K07X01R	16.1	0.15	K118R	352.380	170.534	232.595	1.736	0.16202	2.54349	4 X
K07X04K	16.3	0.15	K118R	40.508	253.613	85.337	15.356	0.08534	2.62972	5 X
K07X05Z	16.1	0.15	K118R	46.700	194.919	145.930	6.890	0.13101	2.54257	5 X
K07X06S	16.9	0.15	K118R	7.011	286.336	79.245	13.230	0.17590	2.62168	3 X
K07X08N	16.3	0.15	K118R	77.452	250.476	65.081	4.034	0.10616	2.66619	5 X
K07X14Q	17.1	0.15	K118R	321.026	21.673	61.354	2.357	0.10651	2.56769	2 X
K07X17E	16.6	0.15	K118R	33.786	162.616	169.422	5.847	0.25140	2.59764	6 X
K07X26A	15.5	0.15	K118R	2.681	310.532	87.461	29.627	0.23267	2.58048	4 X
K07X33U	16.7	0.15	K118R	318.744	166.188	280.174	6.768	0.15987	2.57925	2 X
K07X46O	16.6	0.15	K118R	22.632	197.291	167.735	5.324	0.14850	2.53392	7 X
K07X47R	16.2	0.15	K118R	21.321	297.021	84.525	13.532	0.27101	2.57349	4 X
K07X53H	17.8	0.15	K118R	351.267	13.240	22.369	1.729	0.32072	2.64743	3 X
K07X54V	16.6	0.15	K118R	10.884	125.436	256.601	12.888	0.09366	2.58296	4 X
K07X57A	17.3	0.15	K118R	354.885	289.060	98.690	8.692	0.17879	2.58236	2 X
K07X59D	15.9	0.15	K118R	185.493	295.089	277.078	13.402	0.06850	2.63581	4 X
K07X59H	17.4	0.15	K118R	351.911	280.952	110.851	9.682	0.22746	2.73054	2 X
K07Y05H	17.1	0.15	K118R	55.559	266.303	56.746	4.486	0.07225	2.65562	4 X
K07Y15Q	16.6	0.15	K118R	20.316	283.937	64.986	5.333	0.26029	2.60874	3 X
K07Y16J	16.6	0.15	K118R	21.935	278.118	80.598	15.773	0.13734	2.61718	4 X
K07Y20Y	17.1	0.15	K118R	323.610	30.555	54.484	7.648	0.18504	2.61857	2 X
K07Y23K	16.7	0.15	K118R	299.334	175.460	294.095	6.722	0.06684	2.64286	5 X
K07Y61B	16.4	0.15	K118R	309.423	21.883	81.926	19.364	0.20734	2.64274	4 X
K07Y65F	16.5	0.15	K118R	332.674	142.537	283.483	12.231	0.10562	2.57689	6 X
K07Y71J	16.4	0.15	K118R	356.264	316.099	81.650	12.939	0.16404	2.70677	3 X
K08A05M	16.2	0.15	K118R	191.147	138.302	69.520	13.963	0.06412	2.50992	4 X
K08A18E	17.7	0.15	K118R	336.627	289.271	128.297	2.654	0.33514	2.65850	3 X
K08A23S	16.8	0.15	K118R	283.326	346.318	120.467	11.553	0.01745	2.98283	5 X
K08A31K	17.6	0.15	K118R	305.500	342.759	106.365	9.988	0.12097	2.75780	2 X
K08A39O	17.2	0.15	K118R	331.565	318.247	107.045	5.291	0.21825	2.73783	3 X
K08A71H	16.8	0.15	K118R	9.389	326.186	83.803	10.204	0.19238	2.60088	4 X
K08A82V	17.7	0.15	K118R	313.344	33.194	64.420	3.070	0.19768	2.64348	2 X
K08A84R	17.1	0.15	K118R	294.876	202.738	284.047	6.437	0.25393	2.65240	3 X
K08A87F	17.4	0.15	K118R	313.651	25.490	62.947	1.034	0.09848	2.69061	3 X
K08A98Z	16.0	0.15	K118R	64.862	192.307	110.956	13.273	0.15608	3.12379	7 X

K08AB1O	17.2	0.15	K118R	327.213	304.531	125.394	7.281	0.23349	2.73206	2 X
K08AB5R	17.8	0.15	K118R	357.282	91.577	329.923	1.032	0.24301	2.61479	4 X
K08AB6K	16.9	0.15	K118R	329.790	91.870	337.431	8.656	0.17081	2.73161	3 X
K08AB7E	17.5	0.15	K118R	328.938	76.664	355.059	6.727	0.25887	2.66023	3 X
K08AD4J	17.5	0.15	K118R	358.066	327.833	54.802	3.635	0.19366	2.74826	2 X
K08AD5O	16.5	0.15	K118R	266.605	96.446	83.088	8.998	0.07821	2.57639	5 X
K08B11K	16.9	0.15	K118R	287.810	75.349	29.686	3.897	0.05272	2.80185	4 X
K08B39Z	16.0	0.15	K118R	273.934	56.283	80.473	10.415	0.09764	2.77091	4 X
K08B40P	16.3	0.15	K118R	281.043	136.295	354.457	7.813	0.16988	2.78607	4 X
K08B41A	17.2	0.15	K118R	281.694	267.172	230.836	7.681	0.19229	2.72296	4 X
K08C20E	16.3	0.15	K118R	291.767	72.667	52.251	3.749	0.16910	2.77776	3 X
K08C20T	16.7	0.15	K118R	309.484	111.584	342.535	8.292	0.12503	2.80768	5 X
K08C21D	17.6	0.15	K118R	318.444	77.457	29.296	6.124	0.33716	2.63597	3 X
K08C23E	16.2	0.15	K118R	268.892	174.591	315.860	7.085	0.03706	2.94506	5 X
K08C25M	15.7	0.15	K118R	271.113	70.725	82.254	16.414	0.17732	2.80525	5 X
K08C71L	16.4	0.15	K118R	312.422	39.539	89.341	11.527	0.15494	2.58675	4 X
K08C76Q	16.1	0.15	K118R	289.122	91.893	17.290	5.038	0.12097	2.77255	3 X
K08C85L	16.0	0.15	K118R	60.336	156.276	166.002	9.436	0.05585	3.20529	6 X
K08C88V	15.8	0.15	K118R	8.720	2.313	15.418	9.258	0.07076	3.10198	4 X
K08C92G	17.2	0.15	K118R	324.232	96.945	352.135	7.360	0.29780	2.70447	3 X
K08C98P	16.5	0.15	K118R	0.321	244.580	146.066	11.528	0.05212	2.98113	6 X
K08CA0N	15.8	0.15	K118R	3.604	43.066	343.189	8.279	0.11532	2.96480	6 X
K08CB7G	16.2	0.15	K118R	200.367	159.909	84.983	10.751	0.08231	2.68039	5 X
K08CF8F	16.5	0.15	K118R	323.156	285.953	162.646	9.218	0.22028	2.74188	3 X
K08CH8L	16.5	0.15	K118R	305.334	100.248	353.670	7.498	0.12851	2.81010	4 X
K08CI0E	16.2	0.15	K118R	295.173	249.586	231.180	12.231	0.14429	2.74906	4 X
K08CJ9N	16.1	0.15	K118R	359.715	241.802	159.701	3.372	0.11199	3.06753	5 X
K08CL2A	16.0	0.15	K118R	328.278	51.992	17.184	10.659	0.08269	2.92733	4 X
K08CL2K	16.1	0.15	K118R	262.415	78.860	121.765	11.755	0.00351	2.72418	4 X
K08CL3Z	16.5	0.15	K118R	330.349	79.266	351.747	4.503	0.12639	3.05757	5 X
K08CL4H	16.1	0.15	K118R	239.468	37.032	121.156	10.902	0.02891	3.11727	5 X
K08D04W	16.7	0.15	K118R	333.433	311.434	121.297	5.215	0.18454	2.78602	3 X
K08D07R	16.7	0.15	K118R	341.185	273.799	131.773	7.039	0.06858	2.87947	5 X
K08D09J	16.1	0.15	K118R	62.774	8.607	311.041	7.992	0.08461	3.06014	4 X
K08D16X	16.2	0.15	K118R	306.683	51.582	67.761	8.242	0.28245	2.68444	2 X
K08D32P	16.4	0.15	K118R	200.761	36.049	155.003	14.703	0.07221	3.18975	3 X
K08D55P	16.0	0.15	K118R	173.017	244.538	342.091	4.460	0.03644	3.12862	5 X
K08D72A	16.0	0.15	K118R	293.032	130.385	330.636	9.634	0.00708	3.12483	4 X
K08E21K	16.4	0.15	K118R	298.393	59.057	84.169	7.288	0.03620	2.76387	5 X
K08E26L	16.9	0.15	K118R	320.457	257.696	175.001	16.533	0.06111	3.05235	4 X
K08E99O	15.5	0.15	K118R	184.355	335.741	250.769	9.267	0.16373	3.16230	6 X
K08EB1S	16.0	0.15	K118R	300.127	293.074	156.333	15.327	0.04975	3.17695	4 X
K08EC9M	16.3	0.15	K118R	295.495	307.939	153.226	11.106	0.10987	3.09270	3 X
K08EG8Z	15.9	0.15	K118R	264.298	97.213	57.043	13.062	0.13925	3.04956	4 X
K08F02V	16.6	0.15	K118R	205.234	152.324	53.340	0.376	0.16207	3.06237	4 X
K08FA8A	15.5	0.15	K118R	252.599	131.560	36.728	13.771	0.08284	3.11577	3 X
K08FB5N	16.5	0.15	K118R	275.824	90.005	42.508	5.141	0.07613	3.11220	5 X
K08G02P	16.3	0.15	K118R	231.374	79.541	102.450	2.396	0.08552	3.14704	6 X
K08G61L	16.4	0.15	K118R	307.908	59.737	42.376	27.523	0.17647	3.06172	5 X
K08G89W	16.2	0.15	K118R	265.317	307.782	193.108	13.383	0.08827	3.22309	4 X
K08H06J	16.8	0.15	K118R	283.024	88.299	43.598	4.198	0.12068	3.07759	5 X
K08H18C	15.9	0.15	K118R	271.722	63.231	91.544	12.783	0.15711	3.07438	5 X
K08K37A	15.6	0.15	K118R	16.741	316.368	130.081	11.111	0.07852	3.04680	6 X
K08K40O	16.3	0.15	K118R	83.012	260.324	92.432	10.068	0.09257	3.22857	4 X
K08T26H	17.0	0.15	K118R	346.393	185.391	211.003	21.523	0.07371	1.98144	3 X
K08UJ9L	17.2	0.15	K118R	283.275	251.511	239.739	17.328	0.11013	1.98575	5 X
K08Ub0V	17.2	0.15	K118R	233.939	288.377	247.750	5.749	0.14477	2.33755	4 X
K08WD1J	17.9	0.15	K118R	249.599	94.386	60.291	22.290	0.22312	2.17170	3 X
K08Y03B	9.5	0.15	K118R	4.424	330.517	112.490	105.028	0.44350	11.65563	3 X
K08Y54R	17.4	0.15	K118R	316.695	33.696	39.261	3.094	0.13573	2.26390	4 X
K08Y62L	18.4	0.15	K118R	349.360	248.995	141.583	4.342	0.14510	2.24204	4 X
K08Y68L	16.8	0.15	K118R	7.805	253.548	134.862	6.656	0.09125	2.31239	4 X

K08Y98D	17.8	0.15	K118R	7.508	259.091	97.655	6.318	0.25423	2.33085	4 X
K08YC7P	17.0	0.15	K118R	82.795	358.178	300.780	6.353	0.10481	2.38544	5 X
K08YC8B	18.4	0.15	K118R	261.400	122.553	20.731	0.572	0.12669	2.26628	4 X
K08YD9N	18.2	0.15	K118R	359.815	257.262	117.239	7.483	0.16190	2.25230	2 X
K08YG3J	17.3	0.15	K118R	171.992	345.724	235.411	2.257	0.10330	2.31268	6 X
K08YH0G	17.0	0.15	K118R	136.197	129.914	115.386	12.404	0.14432	2.65096	4 X
K09A50N	17.2	0.15	K118R	5.646	275.813	103.328	8.020	0.11669	2.21390	5 X
K09B13K	16.9	0.15	K118R	298.642	173.213	292.328	5.222	0.09914	2.23607	4 X
K09B24Q	18.0	0.15	K118R	258.641	287.005	231.581	1.583	0.22517	2.26075	4 X
K09B44P	17.4	0.15	K118R	202.314	7.281	194.267	0.913	0.12824	2.40353	7 X
K09B48O	16.9	0.15	K118R	247.399	185.898	322.123	6.554	0.06436	2.39696	5 X
K09B54N	17.6	0.15	K118R	124.428	128.601	123.213	12.544	0.12399	2.54660	5 X
K09B70L	17.3	0.15	K118R	218.364	120.903	56.037	4.172	0.13808	2.36599	7 X
K09B72L	17.8	0.15	K118R	224.549	317.961	229.426	3.043	0.16522	2.29850	4 X
K09B74M	18.1	0.15	K118R	330.986	175.984	242.485	7.228	0.21774	2.21449	3 X
K09B81Q	17.2	0.15	K118R	294.677	322.694	145.869	4.603	0.12734	2.25134	4 X
K09B91Y	17.6	0.15	K118R	330.021	285.045	129.309	6.022	0.14799	2.30582	5 X
K09B94T	18.1	0.15	K118R	340.105	102.227	314.425	4.005	0.12944	2.26975	4 X
K09BA5T	18.6	0.15	K118R	287.868	211.059	269.816	1.153	0.14156	2.26394	4 X
K09BC0J	17.2	0.15	K118R	128.076	120.194	126.721	13.171	0.21481	2.57404	5 X
K09BH8L	17.9	0.15	K118R	291.760	198.354	270.787	1.443	0.17467	2.36808	4 X
K09C02K	18.2	0.15	K118R	256.426	120.006	32.801	2.691	0.13166	2.26734	4 X
K09C06R	18.2	0.15	K118R	304.141	307.600	136.342	7.095	0.09636	2.36464	5 X
K09C25V	17.0	0.15	K118R	270.079	140.817	346.540	7.028	0.05513	2.36411	4 X
K09C32X	17.7	0.15	K118R	336.062	13.749	44.084	2.052	0.17046	2.32881	3 X
K09C40S	17.1	0.15	K118R	192.660	246.650	308.788	5.825	0.03881	2.37821	6 X
K09D03T	16.6	0.15	K118R	262.687	6.428	138.837	10.178	0.08374	2.35892	5 X
K09D05U	17.3	0.15	K118R	271.112	253.457	244.685	2.219	0.13941	2.35407	4 X
K09D16E	17.9	0.15	K118R	294.985	317.535	142.700	5.915	0.15389	2.33564	4 X
K09D31S	17.3	0.15	K118R	316.107	268.437	184.805	5.398	0.18457	2.30855	6 X
K09D38O	17.3	0.15	K118R	5.471	203.465	163.261	12.894	0.18218	2.59674	2 X
K09D47Q	17.8	0.15	K118R	251.832	71.937	87.372	1.478	0.15343	2.34113	3 X
K09D60J	17.7	0.15	K118R	298.525	317.042	137.910	7.219	0.07701	2.46217	2 X
K09D63W	17.0	0.15	K118R	324.235	324.552	118.448	6.779	0.16685	2.31585	3 X
K09D66C	16.5	0.15	K118R	39.388	25.129	311.021	3.672	0.18295	2.57055	5 X
K09D70D	17.8	0.15	K118R	228.824	324.993	209.367	0.873	0.10607	2.40145	3 X
K09D80E	17.1	0.15	K118R	342.816	277.427	146.920	5.738	0.17401	2.29934	5 X
K09D83D	17.6	0.15	K118R	241.028	128.207	38.568	3.762	0.13202	2.47171	4 X
K09DB1J	16.5	0.15	K118R	193.025	109.603	85.672	17.484	0.08151	2.54445	4 X
K09DB6L	17.1	0.15	K118R	313.522	91.043	346.573	6.517	0.11274	2.41008	4 X
K09DD7X	17.3	0.15	K118R	2.600	22.238	357.513	8.942	0.14653	2.59105	3 X
K09E19V	17.3	0.15	K118R	334.431	241.218	182.284	3.235	0.15314	2.31632	5 X
K09E21F	16.5	0.15	K118R	166.880	78.098	141.083	10.099	0.04246	2.64081	8 X
K09E26V	17.2	0.15	K118R	222.027	133.691	40.312	4.808	0.13165	2.46443	3 X
K09F02G	17.2	0.15	K118R	319.952	280.674	155.325	5.349	0.21675	2.37729	4 X
K09F14L	16.9	0.15	K118R	127.637	93.493	161.838	9.032	0.02608	2.68669	7 X
K09F73G	17.8	0.15	K118R	319.593	56.454	27.137	6.818	0.16004	2.35473	5 X
K09G02L	15.5	0.15	K118R	75.473	192.610	108.566	10.358	0.14541	3.14721	6 X
K09G05O	16.2	0.15	K118R	139.252	85.212	162.076	10.929	0.17802	3.06706	5 X
K09H08R	17.0	0.15	K118R	213.197	37.934	146.840	7.946	0.19533	2.68753	5 X
K09H13V	16.4	0.15	K118R	214.073	82.502	94.978	13.008	0.06936	2.73497	4 X
K09H14F	17.0	0.15	K118R	190.467	146.256	72.942	5.667	0.21772	2.66014	5 X
K09H22J	16.4	0.15	K118R	11.960	222.728	147.827	6.952	0.05942	2.77288	5 X
K09H33R	16.8	0.15	K118R	54.830	279.362	56.844	7.285	0.07018	2.87894	3 X
K09H35K	16.4	0.15	K118R	77.148	253.511	93.186	15.160	0.11078	2.71876	4 X
K09H38N	17.0	0.15	K118R	255.900	332.182	171.853	12.190	0.12512	2.68756	6 X
K09H44L	16.9	0.15	K118R	203.001	132.985	68.288	6.217	0.07879	2.69817	4 X
K09H49R	17.0	0.15	K118R	248.902	354.922	154.255	9.662	0.06956	2.56984	5 X
K09H50J	16.9	0.15	K118R	71.196	270.097	49.142	4.931	0.06718	2.76336	2 X
K09H59Z	16.7	0.15	K118R	263.331	82.717	46.677	4.838	0.03736	2.78298	4 X
K09H61O	16.8	0.15	K118R	348.515	216.311	196.008	3.886	0.10331	2.69034	2 X
K09H66L	17.2	0.15	K118R	270.467	322.466	170.453	14.309	0.12774	2.70231	5 X

K09H71U	16.6	0.15	K118R	285.189	35.474	90.453	12.219	0.13022	2.63906	5 X
K09H71X	16.0	0.15	K118R	53.919	231.013	103.853	10.746	0.05161	3.16474	4 X
K09H73X	15.1	0.15	K118R	70.930	234.051	81.372	27.491	0.18061	3.20840	5 X
K09H94C	15.2	0.15	K118R	95.290	243.734	58.512	10.866	0.09114	3.14055	4 X
K09H97V	16.5	0.15	K118R	300.137	267.158	208.696	8.970	0.13936	2.54468	4 X
K09HA4Y	17.2	0.15	K118R	258.381	105.891	51.547	5.298	0.15650	2.56503	3 X
K09K06C	15.7	0.15	K118R	30.884	297.386	62.194	17.146	0.05473	3.07626	5 X
K09K08V	16.6	0.15	K118R	35.616	221.389	122.753	12.049	0.06462	3.25019	4 X
K09K17Z	15.9	0.15	K118R	231.793	91.946	83.812	13.148	0.03928	2.76909	5 X
K09K23O	15.9	0.15	K118R	356.950	207.807	191.058	10.584	0.10879	2.99617	7 X
K09K27F	16.3	0.15	K118R	138.993	25.328	233.658	14.442	0.04513	3.02805	3 X
K09M03J	15.6	0.15	K118R	278.199	269.979	227.228	26.618	0.13588	2.66623	6 X
K09T15U	12.6	0.15	K118R	25.075	346.277	82.410	9.469	0.10457	5.28751	4 X
K10A04E	17.3	0.15	K118R	190.002	79.981	80.003	20.742	0.06576	1.85382	4 X
K10BB8K	10.2	0.15	K118R	359.975	178.985	175.956	143.904	0.98664	456.95794	3 X
K10G07C	17.3	0.15	K118R	55.843	245.733	68.087	22.654	0.07496	2.00320	6 X
K10G31Z	18.0	0.15	K118R	119.433	109.432	146.597	7.214	0.10310	2.24011	7 X
K10G97C	17.2	0.15	K118R	48.946	183.041	138.108	6.889	0.12925	2.38588	4 X
K10GA8B	17.4	0.15	K118R	57.391	277.438	34.141	3.048	0.20845	2.42492	4 X
K10GC4G	17.7	0.15	K118R	75.037	234.336	66.490	5.611	0.16261	2.25602	3 X
K10GD7Q	18.4	0.15	K118R	75.668	256.373	38.632	2.726	0.17011	2.17167	3 X
K10GE5D	16.1	0.15	K118R	71.779	36.240	263.656	6.438	0.24311	3.08053	4 X
K10H44C	17.0	0.15	K118R	79.044	175.867	119.662	10.117	0.09566	3.06165	2 X
K10H45K	16.2	0.15	K118R	38.729	85.056	260.941	14.634	0.14071	3.12701	3 X
K10J01Y	17.4	0.15	K118R	100.482	21.357	246.910	1.669	0.16985	2.35701	5 X
K10J38U	18.7	0.15	K118R	20.699	146.068	211.803	21.912	0.06484	2.04315	4 X
K10J84F	16.8	0.15	K118R	70.056	233.202	70.569	6.255	0.13859	2.27295	4 X
K10JC7V	16.9	0.15	K118R	281.824	309.814	161.736	8.615	0.06744	3.01826	5 X
K10JE8G	16.9	0.15	K118R	77.146	239.953	51.532	4.678	0.24503	2.59955	3 X
K10JF8V	17.9	0.15	K118R	22.060	220.561	127.852	6.795	0.17559	2.53188	4 X
K10JG6O	18.2	0.15	K118R	12.594	239.099	132.476	4.004	0.12299	2.19730	7 X
K10K81X	16.0	0.15	K118R	352.641	237.089	159.533	9.973	0.01913	3.50719	4 X
K10L14J	17.8	0.15	K118R	318.117	295.186	177.493	12.028	0.34171	1.62621	2 X
K10NB7K	16.5	0.15	K118R	149.235	117.124	121.612	12.451	0.02242	2.61164	5 X
K10O27Y	15.2	0.15	K118R	105.906	48.389	295.258	14.685	0.16779	2.60300	4 X
K10O68R	16.2	0.15	K118R	25.476	311.466	120.218	6.216	0.16031	3.14448	3 X
K10RC9H	15.9	0.15	K118R	159.043	358.158	244.444	11.425	0.07632	3.09226	5 X
K10U09M	16.4	0.15	K118R	354.635	94.178	32.575	10.592	0.12772	2.64960	2 X
K10VH6W	12.9	0.15	K118R	54.920	84.417	295.591	11.219	0.06740	5.21095	5 X
K11B83Y	16.2	0.15	K118R	66.554	28.245	56.126	5.413	0.14521	3.19933	4 X
K11C18Q	15.5	0.15	K118R	36.845	95.964	25.636	5.084	0.23579	3.98341	4 X
K11E24G	18.0	0.15	K118R	46.921	112.823	33.320	5.611	0.26217	3.02191	2 X
K11G03H	18.5	0.15	K118R	358.447	218.018	102.739	11.268	0.77071	2.39561	2 X
K11G55A	18.2	0.15	K118R	19.342	316.493	320.162	8.689	0.48138	2.16959	2 X
K11H08K	17.9	0.15	K118R	355.398	49.620	216.873	20.654	0.05848	1.91425	2 X
K11J28C	16.0	0.15	K118R	13.178	182.998	66.064	10.281	0.11477	2.77356	6 X
K11K33Q	16.2	0.15	K118R	288.664	234.474	106.595	9.932	0.01588	2.64577	5 X
K11L15H	16.4	0.15	K118R	98.729	97.250	54.081	14.039	0.09373	2.63408	4 X
K11L20D	16.4	0.15	K118R	3.162	166.232	195.048	11.667	0.50217	2.96166	3 X
K11N03X	17.5	0.15	K118R	44.075	294.681	10.089	3.002	0.21975	2.32320	4 X
K11N03Y	15.9	0.15	K118R	32.193	305.463	32.647	9.721	0.06403	3.13158	3 X
K11Q23D	17.4	0.15	K118R	353.354	199.165	185.052	6.780	0.38268	2.55182	2 X
K11Q40O	16.4	0.15	K118R	341.842	187.106	224.406	12.672	0.30214	2.63897	4 X
K11Q49G	16.3	0.15	K118R	59.164	92.596	166.904	25.859	0.25403	3.12013	2 X
K11Q97E	15.9	0.15	K118R	353.133	207.257	151.477	20.238	0.17248	3.15803	3 X
K11Q97P	15.7	0.15	K118R	298.087	81.710	34.599	28.412	0.18289	2.58429	2 X
K11R19B	18.4	0.15	K118R	55.617	76.858	199.306	7.456	0.17393	2.40538	3 X
K11R19C	16.9	0.15	K118R	4.839	21.113	326.794	5.762	0.06007	2.74895	3 X
K11S20U	17.0	0.15	K118R	1.538	123.044	230.300	15.720	0.30477	2.75376	2 X
K11S29Z	15.3	0.15	K118R	190.798	164.536	36.677	17.714	0.11590	3.16877	2 S
K11S30Q	16.4	0.15	K118R	348.690	138.761	248.275	5.180	0.22457	2.67552	6 X
K11S32E	17.5	0.15	K118R	17.314	141.672	200.395	12.411	0.25363	2.33665	3 X

K11S51Z	15.2	0.15	K118R	40.942	275.580	47.400	21.079	0.31243	3.15051	2 X
K11S52A	15.3	0.15	K118R	44.523	282.061	48.752	17.759	0.22232	3.17141	4 X
K11S57K	18.2	0.15	K118R	6.157	347.957	24.656	0.932	0.21777	2.30595	3 X
K11S57S	16.3	0.15	K118R	12.054	327.970	44.988	3.865	0.33619	3.99095	3 X
K11S63V	17.1	0.15	K118R	334.791	238.644	169.955	10.258	0.17491	2.34041	4 X
K11SA2T	17.8	0.15	K118R	33.007	292.367	4.974	7.473	0.22027	2.27749	5 X
K11SA5S	17.9	0.15	K118R	325.355	268.127	164.284	0.901	0.20423	2.41975	2 X
K11SA5U	18.3	0.15	K118R	290.248	177.068	297.357	0.626	0.15361	2.19704	4 X
K11SA7D	17.6	0.15	K118R	5.283	144.927	223.164	4.140	0.30993	2.56394	2 X
K11SB4P	17.6	0.15	K118R	341.616	1.815	43.024	4.920	0.31330	2.58382	3 X
K11SB9S	15.8	0.15	K118R	39.976	286.770	49.673	7.854	0.14912	3.08087	6 X
K11SC0U	16.4	0.15	K118R	0.869	9.463	9.416	12.268	0.22978	2.56015	4 X
K11SC3G	16.1	0.15	K118R	354.050	154.324	227.610	17.018	0.19410	2.57927	3 X
K11SC4O	18.5	0.15	K118R	325.317	24.595	28.860	4.357	0.20010	2.46078	3 X
K11SD1Y	16.0	0.15	K118R	26.784	300.191	26.660	26.902	0.24302	3.17243	2 X
K11SD2L	16.8	0.15	K118R	351.493	347.070	39.099	6.617	0.32277	2.59775	5 X
K11SD4C	17.6	0.15	K118R	335.676	308.992	94.976	2.402	0.17951	2.35472	2 X
K11SD9O	18.1	0.15	K118R	320.516	240.968	180.355	2.323	0.20678	2.45158	3 X
K11SH3V	16.8	0.15	K118R	340.982	97.167	302.109	5.498	0.30485	2.63385	5 X
K11SI5A	17.0	0.15	K118R	277.384	32.191	91.496	4.474	0.17534	2.62655	3 X
K11SI8U	15.6	0.15	K118R	118.282	222.582	26.751	34.796	0.17006	2.78333	5 X
K11SJ1D	16.5	0.15	K118R	8.124	106.518	269.083	25.622	0.47311	2.55121	2 X
K11SL4N	17.5	0.15	K118R	350.262	176.756	208.420	6.055	0.14927	2.38596	2 X
K11SL5M	17.4	0.15	K118R	338.995	26.022	27.956	14.777	0.26402	2.61708	3 X
K11SL8C	16.6	0.15	K118R	347.290	282.292	114.718	11.736	0.12428	2.98282	6 X
K11SM2V	15.7	0.15	K118R	335.564	228.573	206.665	18.506	0.20419	3.12618	4 X
K11SO5L	15.7	0.15	K118R	25.450	319.542	28.573	10.049	0.16624	3.02629	5 X
K11SO7S	17.0	0.15	K118R	4.109	349.028	17.930	6.469	0.26867	2.33252	3 X
K11SO7U	15.8	0.15	K118R	333.626	55.636	6.925	14.462	0.17093	2.54322	4 X
K11SO8C	17.4	0.15	K118R	14.752	354.135	340.616	2.268	0.20553	2.37022	3 X
K11SO9R	15.9	0.15	K118R	2.131	113.213	250.179	20.290	0.32072	3.01433	2 X
K11SP4M	16.1	0.15	K118R	6.455	58.565	267.622	16.456	0.24553	3.05259	4 X
K11SP4T	17.6	0.15	K118R	31.386	225.476	74.214	8.056	0.20281	2.29902	4 X
K11SP7W	16.5	0.15	K118R	79.853	199.819	85.450	3.640	0.15700	2.70782	5 X
K11SP7Z	16.4	0.15	K118R	70.430	267.695	36.233	1.787	0.00355	2.90835	4 X
K11SP8A	17.2	0.15	K118R	314.736	65.900	11.636	2.174	0.20770	3.03205	2 S
K11SP8B	16.2	0.15	K118R	98.527	243.503	21.396	4.802	0.12323	3.08433	4 X
K11SP8D	17.5	0.15	K118R	30.323	205.855	118.604	3.408	0.24579	2.35991	2 X
K11SP8E	17.5	0.15	K118R	15.534	106.839	212.606	28.475	0.30228	2.58036	2 S
K11SP8F	15.7	0.15	K118R	349.018	152.579	235.547	1.857	0.22447	3.99008	3 S
K11SP8M	16.9	0.15	K118R	255.713	288.796	215.972	15.099	0.09065	2.62039	3 X
K11SP8N	16.7	0.15	K118R	64.115	118.720	188.696	4.181	0.15354	3.05095	5 X
K11SP8O	16.4	0.15	K118R	61.734	209.500	108.412	1.730	0.06548	2.77459	5 X
K11SP8P	18.3	0.15	K118R	10.344	212.875	131.542	4.676	0.26780	2.58557	2 S
K11SP8Q	16.8	0.15	K118R	357.407	340.458	33.753	18.426	0.13229	2.88742	3 X
K11SP8S	16.9	0.15	K118R	274.915	4.120	102.728	3.291	0.01715	2.86963	3 S
K11SP8T	16.6	0.15	K118R	349.724	353.386	13.487	7.623	0.07547	2.76835	2 S
K11SP8X	17.7	0.15	K118R	352.725	19.572	20.667	2.961	0.08968	2.70531	2 S
K11SP8Z	16.9	0.15	K118R	251.095	19.310	113.894	11.749	0.03337	3.12748	2 S
K11SP9A	15.6	0.15	K118R	42.381	304.230	47.174	18.344	0.08032	2.75329	2 S
K11SP9B	16.8	0.15	K118R	330.337	29.275	47.352	5.845	0.15104	2.78841	2 X
K11SP9F	16.8	0.15	K118R	43.341	84.840	198.700	19.867	0.25825	3.08281	2 S
K11SP9L	16.9	0.15	K118R	32.601	301.084	19.972	5.994	0.05772	2.73444	3 S
K11SP9M	16.9	0.15	K118R	346.494	14.176	36.070	14.812	0.11865	2.69834	2 S
K11SP9N	17.0	0.15	K118R	25.122	129.766	231.318	18.057	0.17748	3.14677	2 S
K11SP9O	18.8	0.15	K118R	32.354	324.156	11.233	2.288	0.22399	2.38805	2 S
K11SP9U	16.2	0.15	K118R	242.354	125.806	15.286	4.408	0.09690	3.22640	2 X
K11SP9W	16.9	0.15	K118R	263.419	243.067	234.954	1.100	0.06310	2.87106	2 S
K11SP9X	17.5	0.15	K118R	38.395	116.607	213.640	6.028	0.13027	2.57194	2 S
K11SP9Y	16.7	0.15	K118R	170.134	349.370	225.313	4.062	0.05876	2.74050	2 S
K11SP9Z	16.8	0.15	K118R	315.339	218.831	208.647	10.127	0.13970	3.08861	3 X
K11SQ0A	17.9	0.15	K118R	271.236	250.948	217.327	3.662	0.11009	2.23770	3 X

K11SQ0C	18.5	0.15	K118R	326.202	33.063	26.470	2.524	0.20131	2.33316	2 S
K11SQ0F	17.7	0.15	K118R	275.426	104.819	19.462	2.603	0.15722	2.40538	2 S
K11SQ0L	16.6	0.15	K118R	347.543	183.550	206.344	8.853	0.02730	2.77795	3 S
K11SQ0R	16.7	0.15	K118R	179.584	338.515	227.176	11.532	0.14676	2.30828	2 S
K11SQ0U	16.6	0.15	K118R	317.483	166.744	243.167	7.993	0.15190	2.79849	2 S
K11SQ0X	17.9	0.15	K118R	316.081	29.662	42.123	3.085	0.19309	2.37119	5 X
K11SQ1B	17.2	0.15	K118R	28.093	342.977	9.159	2.345	0.07958	3.00766	2 S
K11SQ1D	17.4	0.15	K118R	1.447	22.524	344.845	1.313	0.11738	2.88975	3 X
K11SQ1F	17.5	0.15	K118R	327.837	38.369	19.303	5.429	0.21889	3.05786	4 X
K11SQ1J	17.0	0.15	K118R	329.994	342.562	67.511	2.933	0.06989	2.84708	4 X
K11SQ1M	17.3	0.15	K118R	355.392	354.479	6.017	6.415	0.01408	2.76082	5 X
K11SQ1N	18.4	0.15	K118R	72.696	190.842	85.387	0.139	0.04784	2.28190	6 X
K11SQ1P	18.7	0.15	K118R	318.069	27.761	23.124	2.505	0.18372	2.35170	4 X
K11SQ1T	16.9	0.15	K118R	5.878	303.108	60.770	6.592	0.12971	2.73647	2 S
K11SQ1U	17.8	0.15	K118R	292.536	326.334	128.914	3.554	0.11627	2.32833	3 X
K11T01Z	15.5	0.15	K118R	10.843	150.105	210.986	9.511	0.31052	3.04612	3 X
K11T02B	18.1	0.15	K118R	13.955	300.432	42.454	9.539	0.34067	2.23491	3 X
K11T02F	17.1	0.15	K118R	359.486	141.048	224.483	33.153	0.31840	2.58956	3 X
K11T02W	16.1	0.15	K118R	49.426	33.578	273.666	12.408	0.18148	2.60348	3 S
K11T05X	16.0	0.15	K118R	343.601	223.176	201.790	9.908	0.12424	2.97443	2 X
K11T16D	16.7	0.15	K118R	181.212	188.136	35.828	15.214	0.05676	2.66556	2 S
K11T16E	16.0	0.15	K118R	287.158	129.313	359.353	5.264	0.08591	3.12189	2 S
K11T16H	17.2	0.15	K118R	16.604	282.614	46.104	13.193	0.28980	2.63024	3 X
K11T16K	15.5	0.15	K118R	101.576	298.542	342.840	9.743	0.05886	3.16562	3 X
K11T16L	15.7	0.15	K118R	269.160	238.046	254.101	4.072	0.08308	3.26468	4 S
K11T16M	16.4	0.15	K118R	233.690	238.789	295.046	3.731	0.09589	2.71271	3 X
K11U02R	17.3	0.15	K118R	341.809	327.042	63.360	22.741	0.09030	1.95088	5 X
K11U06D	17.1	0.15	K118R	341.509	190.874	220.351	1.604	0.20859	2.64258	6 X
K11U07Y	17.9	0.15	K118R	5.361	337.252	33.071	5.313	0.14362	2.19562	5 X
K11U08M	17.0	0.15	K118R	318.863	18.607	59.051	2.887	0.03895	2.68743	6 X
K11U08P	16.4	0.15	K118R	354.614	339.643	48.736	5.461	0.17732	2.32135	6 X
K11U09A	16.8	0.15	K118R	18.273	121.767	220.442	3.635	0.33407	2.60153	4 X
K11U09X	17.7	0.15	K118R	41.578	126.303	197.625	1.524	0.24656	2.56125	2 S
K11U10A	15.7	0.15	K118R	43.533	90.448	237.557	14.882	0.24454	3.16188	2 X
K11U10C	17.6	0.15	K118R	3.377	33.324	342.868	2.274	0.20113	2.41051	3 X
K11U19Y	15.6	0.15	K118R	41.353	280.671	52.154	26.893	0.21830	3.10249	5 X
K11U20B	17.1	0.15	K118R	358.950	198.625	186.911	4.038	0.25004	2.59962	5 X
K11U20M	17.8	0.15	K118R	346.987	323.589	53.704	21.920	0.10758	1.88315	2 S
K11U23S	15.2	0.15	K118R	11.491	138.929	229.865	9.945	0.20000	3.99116	4 X
K11U25R	16.8	0.15	K118R	334.460	6.825	47.349	5.529	0.10171	2.69341	2 X
K11U25S	16.8	0.15	K118R	47.465	189.008	130.647	0.594	0.16593	2.60446	7 X
K11U25X	17.3	0.15	K118R	33.976	290.146	51.715	3.295	0.11464	2.67771	2 S
K11U26D	16.3	0.15	K118R	301.826	257.145	213.422	14.830	0.21054	3.14340	2 X
K11U26H	15.8	0.15	K118R	37.670	297.168	49.538	10.395	0.08105	3.12906	6 X
K11U26Q	15.6	0.15	K118R	319.646	32.195	48.287	12.121	0.12692	3.06782	3 X
K11U27R	16.7	0.15	K118R	2.747	284.009	97.552	3.105	0.19065	3.11051	4 X
K11U27V	17.3	0.15	K118R	347.578	308.209	86.384	2.427	0.19115	2.37756	2 X
K11U28U	16.3	0.15	K118R	317.956	51.591	27.547	14.004	0.12032	2.62532	5 X
K11U28V	16.1	0.15	K118R	6.825	142.767	237.040	14.141	0.16102	3.13098	2 X
K11U29Y	15.7	0.15	K118R	20.217	295.099	69.141	3.816	0.24523	3.96861	2 X
K11U30A	17.4	0.15	K118R	21.993	280.751	67.147	2.921	0.22575	2.36097	4 X
K11U30F	16.5	0.15	K118R	42.717	276.420	55.165	12.702	0.19526	2.67615	4 X
K11U30M	17.3	0.15	K118R	41.231	270.656	56.684	5.991	0.20502	2.31866	7 X
K11U30S	17.1	0.15	K118R	359.402	338.658	53.196	6.285	0.12644	2.72465	4 X
K11U30V	17.4	0.15	K118R	5.307	165.506	215.948	3.647	0.14536	2.56629	3 X
K11U30Z	16.2	0.15	K118R	83.485	239.767	53.864	14.086	0.17129	2.62588	7 X
K11U35S	15.7	0.15	K118R	55.877	260.737	61.368	16.717	0.20368	3.05370	4 X
K11U35Z	17.3	0.15	K118R	8.122	153.155	216.952	8.638	0.27900	2.69395	2 X
K11U36J	15.5	0.15	K118R	11.534	167.304	214.189	8.229	0.13839	3.03011	4 X
K11U37D	17.4	0.15	K118R	355.418	330.212	60.016	6.688	0.19268	2.40655	3 X
K11U37G	16.5	0.15	K118R	353.913	339.116	64.380	5.358	0.06731	2.78259	4 X
K11U38S	16.9	0.15	K118R	38.473	291.821	55.721	12.419	0.11808	3.03184	2 X

K11U45X	17.2	0.15	K118R	355.375	338.137	38.588	12.969	0.30924	2.64639	2 S
K11U47R	18.0	0.15	K118R	300.438	230.361	228.755	4.726	0.18149	2.32718	4 X
K11U47T	17.1	0.15	K118R	170.788	335.946	237.825	5.120	0.06301	2.29662	5 X
K11U48U	18.0	0.15	K118R	323.935	189.566	237.808	1.783	0.19027	2.35511	3 X
K11U48V	17.9	0.15	K118R	328.873	199.174	218.746	2.808	0.11987	2.39337	5 X
K11U49N	17.5	0.15	K118R	91.995	232.189	42.824	8.318	0.15745	2.19838	3 X
K11U50A	17.6	0.15	K118R	336.694	2.747	47.944	2.131	0.18474	2.34972	7 X
K11U50M	17.2	0.15	K118R	42.571	157.645	175.009	2.272	0.13780	2.64480	4 X
K11U51F	16.3	0.15	K118R	322.222	226.767	210.268	8.755	0.08183	3.01949	3 X
K11U51J	18.1	0.15	K118R	338.876	254.380	163.342	1.691	0.34390	2.62527	2 X
K11U51L	16.9	0.15	K118R	331.321	13.359	52.423	12.716	0.17201	2.64378	2 X
K11U52Q	17.6	0.15	K118R	339.147	254.988	154.673	2.698	0.21850	2.38283	6 X
K11U52R	17.2	0.15	K118R	347.746	202.328	196.968	5.925	0.26924	2.60358	2 X
K11U53A	17.6	0.15	K118R	354.131	262.880	125.620	3.093	0.19009	2.39099	5 X
K11U53K	15.4	0.15	K118R	278.759	250.773	240.340	11.823	0.09428	3.14942	2 X
K11U53N	16.9	0.15	K118R	18.310	102.706	254.494	3.427	0.22605	2.58974	4 X
K11U53R	17.1	0.15	K118R	350.340	165.279	238.250	6.675	0.21880	2.79687	2 X
K11U53V	16.5	0.15	K118R	342.581	186.903	227.519	13.301	0.23769	2.66913	2 X
K11U54B	16.8	0.15	K118R	15.467	332.838	36.438	2.518	0.20276	3.03525	5 X
K11U54P	16.2	0.15	K118R	66.967	275.882	51.870	11.324	0.05308	3.12270	4 X
K11U54W	16.7	0.15	K118R	356.693	349.674	46.427	12.580	0.14314	2.81670	4 X
K11U55A	15.8	0.15	K118R	10.304	153.226	235.610	8.645	0.10482	3.02870	7 X
K11U55C	15.4	0.15	K118R	114.949	52.349	233.439	10.651	0.03254	3.18244	3 X
K11U55E	16.8	0.15	K118R	59.617	123.844	205.626	1.789	0.09062	2.73050	6 X
K11U55F	17.3	0.15	K118R	329.199	197.411	229.427	1.793	0.10926	2.31518	4 X
K11U55H	16.4	0.15	K118R	349.254	188.622	224.977	4.571	0.12958	3.16909	3 X
K11U55J	18.0	0.15	K118R	349.776	355.119	45.313	5.138	0.21443	2.42262	2 X
K11U55K	16.4	0.15	K118R	328.971	32.992	50.839	8.264	0.18163	3.19802	2 X
K11U55L	16.0	0.15	K118R	3.357	161.227	227.964	13.110	0.21701	2.98987	3 X
K11U55Q	17.4	0.15	K118R	12.289	308.916	55.381	1.661	0.22830	2.31954	3 S
K11U55X	16.1	0.15	K118R	28.949	307.073	62.006	10.374	0.09078	2.98261	3 X
K11U56S	15.2	0.15	K118R	152.025	5.647	239.785	8.452	0.01472	3.11618	7 X
K11U59L	15.9	0.15	K118R	11.211	137.623	232.754	13.911	0.26211	3.04005	2 S
K11U59P	15.6	0.15	K118R	308.643	64.137	36.213	9.640	0.11207	3.46790	4 X
K11U59V	17.8	0.15	K118R	20.856	122.253	224.106	3.208	0.23546	2.31142	2 X
K11U61K	15.8	0.15	K118R	3.244	179.379	224.655	7.173	0.11962	3.44885	2 S
K11U62F	16.8	0.15	K118R	21.915	272.072	69.965	5.104	0.35871	2.60764	4 X
K11U63B	17.4	0.15	K118R	11.622	280.832	64.464	35.720	0.30873	1.94351	2 W
K11U78A	15.5	0.15	K118R	158.725	352.808	239.761	13.345	0.11220	3.12307	4 S
K11U80J	14.9	0.15	K118R	309.956	222.759	227.405	17.054	0.09949	3.11276	7 X
K11U82B	16.7	0.15	K118R	62.961	207.757	115.547	1.688	0.07211	2.78242	2 S
K11U82H	16.6	0.15	K118R	318.564	55.613	31.442	12.109	0.16263	2.67704	3 X
K11U83C	15.7	0.15	K118R	245.056	291.287	240.524	18.444	0.16546	3.24374	3 S
K11U84F	16.8	0.15	K118R	11.753	127.695	237.797	17.390	0.31998	3.06491	2 S
K11U84Q	15.3	0.15	K118R	313.816	210.108	246.261	15.911	0.09485	3.08539	4 X
K11U85A	17.6	0.15	K118R	273.427	210.365	283.981	3.682	0.08797	2.38674	2 S
K11U85K	16.2	0.15	K118R	322.680	192.800	248.987	9.645	0.02044	3.15575	2 S
K11U85M	17.3	0.15	K118R	320.581	169.323	272.300	2.812	0.06860	2.66678	4 X
K11U86L	17.1	0.15	K118R	64.064	88.010	241.156	4.033	0.13137	2.75097	2 S
K11U87N	17.2	0.15	K118R	288.643	66.280	60.690	14.435	0.12514	2.54850	2 S
K11U87Q	16.6	0.15	K118R	346.114	353.296	64.133	6.572	0.11540	2.73197	7 X
K11U89L	15.3	0.15	K118R	18.862	323.901	52.098	29.162	0.15696	3.11936	3 X
K11U89Q	16.0	0.15	K118R	29.215	111.245	241.651	14.855	0.23655	3.14266	4 X
K11U89T	16.6	0.15	K118R	322.319	46.963	40.870	10.331	0.10199	3.06304	3 X
K11U90L	16.8	0.15	K118R	301.983	229.463	230.046	25.864	0.18946	2.24859	2 X
K11U92Q	17.3	0.15	K118R	353.402	160.019	219.920	0.812	0.08641	2.63493	2 X
K11U92Z	16.6	0.15	K118R	211.375	323.885	212.570	13.564	0.21434	2.45704	3 S
K11U94B	17.2	0.15	K118R	59.569	102.385	206.480	3.310	0.05043	2.64440	2 S
K11UA1N	16.5	0.15	K118R	126.637	182.564	86.619	5.129	0.00607	2.81952	2 S
K11UA2W	15.7	0.15	K118R	11.109	165.133	210.785	10.854	0.19069	2.98822	4 X
K11UA2Y	16.9	0.15	K118R	259.757	254.197	260.146	9.886	0.12425	2.70504	2 S
K11UA3B	16.2	0.15	K118R	119.545	25.620	254.080	15.877	0.06611	3.12510	2 S

K11UA3D	17.8	0.15	K118R	355.432	232.182	156.115	2.834	0.19974	2.42884	2 X
K11UA3K	17.8	0.15	K118R	12.410	127.890	245.893	13.214	0.16950	2.54716	2 X
K11UA3N	16.6	0.15	K118R	0.776	15.083	9.720	4.673	0.27353	2.60053	7 X
K11UA4N	17.5	0.15	K118R	25.011	117.878	215.082	2.474	0.19968	2.73865	2 S
K11UB3A	16.6	0.15	K118R	352.488	343.677	55.639	8.398	0.11352	2.40332	3 X
K11UB3H	16.2	0.15	K118R	24.243	285.960	62.438	8.503	0.28824	3.04684	4 X
K11UB3L	17.3	0.15	K118R	15.430	295.220	68.598	6.646	0.18176	2.33404	5 X
K11UB3M	16.9	0.15	K118R	16.863	287.906	74.901	4.618	0.21198	2.56653	3 X
K11UB3O	17.1	0.15	K118R	28.763	284.689	68.255	7.679	0.13080	2.45138	2 X
K11UB3U	16.9	0.15	K118R	2.708	328.749	59.618	1.757	0.20696	3.15319	2 S
K11UB4L	16.7	0.15	K118R	354.403	334.616	61.730	6.382	0.12633	2.30694	4 X
K11UB4O	16.9	0.15	K118R	35.495	270.311	85.217	1.867	0.11873	2.93299	5 X
K11UC0J	15.8	0.15	K118R	175.014	352.022	231.349	31.371	0.06399	2.73386	5 X
K11UC0O	16.5	0.15	K118R	333.537	8.099	44.510	9.982	0.23657	2.76951	2 S
K11UC3T	18.1	0.15	K118R	347.723	353.420	29.803	3.656	0.04568	2.20144	2 X
K11UC7A	15.9	0.15	K118R	306.064	241.658	226.308	13.863	0.23729	2.63666	3 X
K11UC7G	15.4	0.15	K118R	1.049	186.258	208.651	9.443	0.04495	2.99915	7 X
K11UC7J	18.5	0.15	K118R	2.354	181.639	190.715	4.160	0.24243	2.30690	3 X
K11UC7N	15.3	0.15	K118R	12.645	323.515	63.193	18.146	0.04047	3.20425	4 X
K11UC8R	16.4	0.15	K118R	262.888	247.758	257.493	11.909	0.10803	2.39346	2 S
K11UD1U	17.1	0.15	K118R	13.387	11.009	358.253	0.491	0.21619	2.99992	4 X
K11UD1W	15.9	0.15	K118R	295.235	232.545	234.810	16.563	0.14418	2.62724	2 X
K11UD2Y	16.7	0.15	K118R	62.905	69.944	231.688	12.458	0.29139	2.66002	3 X
K11UD7X	17.3	0.15	K118R	348.030	356.472	54.971	5.146	0.27728	2.78453	2 X
K11UD8E	17.9	0.15	K118R	335.074	161.438	261.139	2.531	0.09872	2.29067	3 S
K11UD9K	18.1	0.15	K118R	4.582	165.721	221.465	1.484	0.10472	2.64417	2 S
K11UD9R	16.3	0.15	K118R	237.285	131.258	53.344	6.948	0.24464	2.59152	4 X
K11UD9S	17.0	0.15	K118R	34.480	296.465	53.732	6.400	0.17845	3.13865	2 X
K11UD9U	16.7	0.15	K118R	346.136	352.793	43.499	12.861	0.15329	2.71492	2 X
K11UE0Z	15.8	0.15	K118R	351.471	332.080	62.246	11.182	0.02688	3.15659	2 S
K11UE2W	16.7	0.15	K118R	35.981	322.835	29.916	5.785	0.12925	2.72180	3 X
K11UE6C	18.8	0.15	K118R	322.406	195.984	248.291	4.837	0.19148	2.38750	2 S
K11UE7F	16.9	0.15	K118R	349.039	6.606	38.171	9.584	0.23018	2.75378	4 X
K11UE8P	18.6	0.15	K118R	356.401	141.533	237.644	3.183	0.16679	2.23673	2 X
K11UE9B	16.5	0.15	K118R	4.969	335.829	39.221	6.757	0.21698	3.11550	3 X
K11UE9J	16.1	0.15	K118R	26.025	137.219	211.109	11.312	0.18566	2.60099	2 X
K11UF1D	17.2	0.15	K118R	341.486	29.676	22.026	13.755	0.25871	2.64821	3 X
K11UF2H	17.0	0.15	K118R	2.281	282.970	94.077	12.241	0.20126	2.58487	4 X
K11UF3K	15.8	0.15	K118R	335.626	198.555	233.810	9.148	0.07534	3.06352	4 X
K11UF4H	16.6	0.15	K118R	333.278	124.668	291.442	13.297	0.21236	3.12930	2 X
K11UF4P	17.3	0.15	K118R	184.699	335.398	244.628	3.466	0.12053	2.41083	2 S
K11UF4Q	17.3	0.15	K118R	0.060	333.373	53.623	2.850	0.17677	2.30658	5 X
K11UF4W	16.9	0.15	K118R	83.996	245.589	70.496	7.130	0.07485	2.90302	2 S
K11UF6W	16.6	0.15	K118R	9.291	16.643	357.144	7.007	0.22984	3.06570	3 X
K11UF7F	17.6	0.15	K118R	345.344	207.854	203.062	2.832	0.26497	2.54317	3 X
K11UF7P	16.0	0.15	K118R	340.324	206.121	220.363	14.381	0.20318	3.02859	2 X
K11UF7W	17.8	0.15	K118R	312.388	70.742	24.271	1.716	0.14706	2.40191	5 X
K11UF8C	16.0	0.15	K118R	82.023	83.103	239.520	31.466	0.05334	3.24082	2 S
K11UF8F	17.5	0.15	K118R	308.048	336.434	105.186	6.230	0.13135	2.30805	4 X
K11UF8Y	16.2	0.15	K118R	35.321	125.333	197.636	8.300	0.37643	2.72879	4 X
K11UG0C	15.8	0.15	K118R	324.858	193.527	238.978	27.196	0.15288	3.16640	3 S
K11UG0D	16.4	0.15	K118R	6.650	119.308	254.647	15.168	0.17928	3.01767	2 S
K11UG1Z	17.8	0.15	K118R	0.826	266.450	112.098	6.284	0.23459	2.36156	2 X
K11UG2D	18.1	0.15	K118R	12.325	321.762	47.469	2.967	0.20023	2.26450	2 S
K11UG2F	16.6	0.15	K118R	12.331	313.442	65.748	4.802	0.19031	2.78850	2 S
K11UG2Q	14.9	0.15	K118R	110.654	216.770	74.475	12.435	0.03387	3.16558	3 S
K11UG3M	17.5	0.15	K118R	90.225	26.219	269.879	5.677	0.13285	2.44908	2 S
K11UG3U	18.1	0.15	K118R	322.517	187.947	253.436	1.674	0.16437	2.29969	2 S
K11UG4C	17.9	0.15	K118R	356.606	197.643	180.352	10.209	0.29360	2.68378	2 X
K11UG4O	17.3	0.15	K118R	340.856	242.244	160.293	6.088	0.16937	2.30941	5 X
K11UG6T	17.5	0.15	K118R	339.622	353.084	69.023	3.662	0.20430	2.56592	2 X
K11UH6E	16.2	0.15	K118R	209.002	310.838	243.370	9.002	0.16473	2.79274	2 S

K11UH6F	17.5	0.15	K118R	336.396	177.950	246.390	7.185	0.22296	3.11315	2 S
K11UH6S	16.8	0.15	K118R	34.724	104.429	253.975	5.685	0.01273	2.77990	2 S
K11UH7U	17.1	0.15	K118R	26.393	176.482	170.793	3.255	0.20199	2.63465	2 S
K11UH7Z	16.6	0.15	K118R	103.606	128.096	149.392	3.196	0.15202	2.75338	2 S
K11UH8B	16.2	0.15	K118R	321.937	329.504	108.386	3.271	0.04169	3.08304	2 S
K11UH8O	16.3	0.15	K118R	18.069	241.473	110.986	4.367	0.31195	3.07751	2 X
K11UH8W	16.5	0.15	K118R	25.099	271.649	91.217	6.445	0.10040	2.79103	8 X
K11UH9Y	17.6	0.15	K118R	15.984	27.818	333.072	2.262	0.24539	2.32783	6 X
K11UI0X	17.6	0.15	K118R	92.327	17.113	271.758	3.080	0.08733	2.67359	2 S
K11UI1Q	17.3	0.15	K118R	39.511	100.999	239.543	8.984	0.14530	2.93860	2 S
K11UI2B	16.9	0.15	K118R	21.539	3.363	342.566	4.310	0.28218	2.59645	4 X
K11UI2K	16.7	0.15	K118R	22.438	356.214	1.988	5.190	0.17707	2.56458	6 X
K11UI5U	18.3	0.15	K118R	10.742	222.939	144.540	5.950	0.08570	2.30668	3 X
K11UI7A	18.8	0.15	K118R	356.042	205.706	171.141	5.207	0.28474	2.41813	2 S
K11UI8M	15.8	0.15	K118R	329.625	55.789	23.225	16.071	0.25561	3.13891	2 X
K11UI9D	17.5	0.15	K118R	350.720	247.538	140.787	3.621	0.25792	2.41929	4 X
K11UI9M	17.0	0.15	K118R	42.005	124.362	216.038	21.567	0.02628	1.87154	5 X
K11UJ0L	15.8	0.15	K118R	340.280	6.960	53.854	29.571	0.11800	2.64955	5 X
K11UJ1T	17.1	0.15	K118R	31.796	153.524	174.145	10.643	0.20049	2.32719	6 X
K11UJ3O	16.7	0.15	K118R	17.028	271.812	75.220	6.174	0.15671	3.00184	4 X
K11UJ3S	16.1	0.15	K118R	19.145	206.716	134.594	8.457	0.24214	2.98357	5 X
K11UJ5H	17.8	0.15	K118R	0.801	12.805	2.339	13.930	0.20109	2.43187	2 S
K11UJ5K	16.7	0.15	K118R	18.552	59.718	301.318	2.596	0.26206	2.59034	2 X
K11UJ8D	15.4	0.15	K118R	65.214	288.694	43.671	10.537	0.03638	3.46809	2 W
K11UJ8G	18.1	0.15	K118R	47.484	267.063	51.951	4.239	0.20977	2.30949	4 X
K11UK1O	17.2	0.15	K118R	350.811	334.732	37.618	24.569	0.18740	2.28487	3 X
K11UK1Z	17.6	0.15	K118R	322.039	244.350	207.481	3.132	0.18043	3.11040	2 S
K11UK2C	16.4	0.15	K118R	30.211	226.156	122.142	1.924	0.23698	2.97655	5 X
K11UK2M	17.7	0.15	K118R	266.248	69.268	66.075	7.535	0.05178	2.37628	2 X
K11UK2N	17.4	0.15	K118R	326.909	24.344	62.260	8.585	0.21624	3.03328	4 X
K11UK3N	15.7	0.15	K118R	289.231	255.463	228.931	15.124	0.07443	3.09203	2 S
K11UK3W	15.9	0.15	K118R	249.996	104.629	63.226	20.508	0.09821	3.08368	2 S
K11UK6A	15.7	0.15	K118R	38.657	307.151	48.546	10.824	0.08208	3.41881	2 S
K11UL6T	16.9	0.15	K118R	266.979	252.223	255.263	4.673	0.15614	3.03693	2 S
K11UN8N	17.1	0.15	K118R	90.820	309.274	333.452	1.537	0.18303	2.33919	5 S
K11UN9N	16.5	0.15	K118R	85.484	70.864	237.865	4.360	0.03429	2.73492	3 X
K11UN9Z	17.0	0.15	K118R	306.813	231.257	232.488	8.875	0.15065	2.74121	4 X
K11UO1W	16.5	0.15	K118R	104.618	45.077	238.449	17.982	0.16544	3.10869	2 S
K11UO2E	17.7	0.15	K118R	42.415	291.059	30.466	1.381	0.29288	2.61853	5 X
K11UO2F	16.4	0.15	K118R	18.226	142.749	234.079	15.388	0.10864	3.09323	3 X
K11UO2O	17.9	0.15	K118R	347.565	175.519	237.065	9.946	0.29419	3.05493	2 X
K11UO2R	17.1	0.15	K118R	38.929	285.924	49.555	9.081	0.23128	2.76124	2 X
K11UO3A	18.2	0.15	K118R	333.363	130.139	297.610	0.493	0.11417	2.64481	5 X
K11UO3N	17.1	0.15	K118R	10.827	318.886	46.990	5.552	0.21580	2.31066	4 X
K11UO3Q	17.1	0.15	K118R	148.838	8.440	236.140	9.102	0.09377	2.31331	4 X
K11UO4B	16.0	0.15	K118R	88.054	65.352	238.963	15.617	0.11103	3.08049	2 X
K11UO4C	17.0	0.15	K118R	40.738	118.269	236.242	5.284	0.05291	2.72052	5 X
K11UO4O	17.2	0.15	K118R	33.300	92.303	236.924	1.232	0.20701	2.64359	2 X
K11UO5F	18.7	0.15	K118R	48.404	85.294	223.726	5.039	0.20297	2.20157	2 X
K11UO5J	17.4	0.15	K118R	142.729	203.402	37.157	4.046	0.03158	2.32285	5 X
K11UO6E	17.7	0.15	K118R	5.888	324.773	57.692	5.257	0.14187	2.56414	2 X
K11UO6Y	15.9	0.15	K118R	338.103	5.604	56.874	10.661	0.03475	2.76396	4 X
K11UO6Z	17.5	0.15	K118R	286.680	58.544	62.704	4.827	0.10209	2.55548	2 S
K11UO7K	16.2	0.15	K118R	53.904	110.801	230.828	9.470	0.08411	3.18132	2 X
K11UO7N	16.2	0.15	K118R	22.347	154.522	225.286	4.608	0.04462	3.23962	7 X
K11UO7Q	17.2	0.15	K118R	262.449	277.127	226.260	3.764	0.09459	2.32486	8 X
K11UO7R	17.3	0.15	K118R	127.454	36.561	222.049	4.689	0.16213	2.22454	6 X
K11UO8A	17.4	0.15	K118R	157.201	186.448	55.443	8.350	0.03636	2.58688	2 S
K11UO8J	16.1	0.15	K118R	27.850	302.635	52.045	3.930	0.29196	3.98748	2 S
K11UO8M	18.8	0.15	K118R	359.897	167.694	220.955	2.632	0.06578	2.13851	3 X
K11UO9G	16.3	0.15	K118R	44.783	286.362	56.814	19.555	0.15533	3.04520	5 X
K11UP0Y	16.4	0.15	K118R	350.444	343.194	70.243	13.514	0.09290	2.89795	5 X

K11UP4K	15.5	0.15	K118R	29.049	304.191	44.951	5.936	0.27377	3.99180	4 X
K11UP4L	16.6	0.15	K118R	349.819	10.127	37.118	1.464	0.18644	3.10153	3 X
K11UP4V	16.0	0.15	K118R	302.424	236.023	223.412	9.139	0.20474	3.16374	3 X
K11UP4W	16.1	0.15	K118R	107.016	169.101	103.235	11.544	0.07188	3.02504	6 X
K11UP6X	15.9	0.15	K118R	60.688	283.917	21.293	26.036	0.21645	3.12984	2 S
K11UQ1D	17.4	0.15	K118R	313.363	198.900	235.268	19.049	0.07592	1.90907	3 X
K11UQ3B	16.9	0.15	K118R	3.413	342.737	59.636	10.438	0.09005	3.19534	2 S
K11UQ3Z	16.4	0.15	K118R	316.001	5.284	76.093	14.303	0.13701	2.66364	2 X
K11UQ7S	17.0	0.15	K118R	338.028	255.126	158.889	6.083	0.25579	2.59395	2 X
K11UQ7W	16.8	0.15	K118R	308.361	8.362	85.870	6.143	0.17722	2.63137	2 X
K11UQ8A	16.7	0.15	K118R	359.774	304.866	77.609	6.754	0.11018	2.36042	7 X
K11UQ9S	18.0	0.15	K118R	333.971	7.364	43.368	3.714	0.14793	2.33118	2 S
K11UQ9T	16.7	0.15	K118R	0.459	311.680	60.078	2.409	0.28034	2.61895	3 X
K11UR0H	16.6	0.15	K118R	42.384	191.611	126.444	6.013	0.15051	2.72840	6 X
K11UR1V	17.9	0.15	K118R	263.736	104.711	22.245	17.972	0.07550	1.87829	2 S
K11UR1Y	16.5	0.15	K118R	11.869	304.493	65.575	7.808	0.29732	2.55879	4 S
K11UR4Q	15.5	0.15	K118R	14.335	126.250	246.611	7.941	0.10507	3.17612	5 X
K11UR4X	17.9	0.15	K118R	353.230	49.289	333.675	1.338	0.16954	2.17199	2 X
K11US0J	17.8	0.15	K118R	326.864	300.820	124.216	7.335	0.16086	2.30266	2 X
K11US0L	15.9	0.15	K118R	18.198	254.830	116.726	8.286	0.08057	3.02570	3 X
K11US1E	16.8	0.15	K118R	336.710	295.506	117.508	4.952	0.17565	2.33838	5 X
K11US1L	15.2	0.15	K118R	269.470	264.252	246.013	15.048	0.14500	3.18487	2 S
K11US2T	17.0	0.15	K118R	28.037	165.305	191.219	3.698	0.11334	2.75916	2 S
K11US3L	17.5	0.15	K118R	332.092	260.772	160.794	3.188	0.16710	2.36796	2 X
K11US3X	17.4	0.15	K118R	13.246	176.749	184.739	7.182	0.13784	2.33766	2 X
K11US5M	16.1	0.15	K118R	65.601	283.908	39.740	14.016	0.07792	3.21132	2 S
K11US6J	16.6	0.15	K118R	340.065	89.039	298.293	7.964	0.16564	2.75849	4 X
K11UT1A	17.2	0.15	K118R	45.557	315.006	21.058	2.328	0.06060	2.88405	6 X
K11UT2W	17.8	0.15	K118R	129.017	191.174	67.565	5.291	0.12415	2.33661	2 S
K11UT4A	17.3	0.15	K118R	68.392	246.892	66.650	7.139	0.13330	2.39120	2 S
K11UT5N	17.3	0.15	K118R	50.753	271.656	61.124	10.110	0.06863	2.38031	2 S
K11UT6M	16.8	0.15	K118R	344.954	354.424	48.014	6.888	0.03355	2.76978	2 S
K11UT9B	17.4	0.15	K118R	336.136	213.306	208.439	2.960	0.16446	2.64344	2 X
K11UT9R	17.5	0.15	K118R	30.788	177.276	164.525	1.326	0.19765	2.53367	2 X
K11UU0L	15.6	0.15	K118R	318.183	235.039	218.152	8.557	0.11439	3.08805	5 X
K11UU0Q	16.5	0.15	K118R	350.629	151.669	254.886	8.014	0.28479	2.77809	4 X
K11UU2Z	16.3	0.15	K118R	141.891	6.430	230.468	7.838	0.09945	2.79079	5 X
K11UU7N	15.7	0.15	K118R	61.859	336.963	350.254	8.595	0.08308	2.95381	2 S
K11UU9P	17.0	0.15	K118R	29.803	230.943	102.633	14.097	0.18204	2.59487	2 X
K11UU9T	16.3	0.15	K118R	27.742	40.318	320.177	9.645	0.07114	3.21728	2 S
K11UV1N	16.9	0.15	K118R	53.114	311.423	15.479	1.903	0.06729	2.86472	6 X
K11UV1S	16.4	0.15	K118R	274.218	274.627	221.992	9.725	0.18497	3.16774	2 S
K11UV2L	16.1	0.15	K118R	83.024	233.112	34.047	16.804	0.22667	2.77694	2 S
K11UV7G	17.3	0.15	K118R	350.254	26.505	24.118	1.260	0.17582	3.08748	5 X
K11UV7H	16.1	0.15	K118R	31.123	116.062	251.548	3.951	0.01203	2.67914	4 X
K11UV7Y	16.0	0.15	K118R	27.537	137.223	235.793	14.024	0.04481	3.12184	2 S
K11UV8A	16.8	0.15	K118R	25.510	308.043	58.883	3.377	0.09283	2.70364	4 X
K11UV8E	17.9	0.15	K118R	23.253	287.765	61.951	3.748	0.21281	2.22900	4 X
K11UV9M	16.6	0.15	K118R	35.226	297.913	54.840	4.147	0.10731	2.63726	2 S
K11UW0A	17.7	0.15	K118R	323.704	33.119	48.944	4.870	0.17979	2.55118	4 X
K11UW1W	18.4	0.15	K118R	336.465	282.863	126.489	7.230	0.26427	2.32771	4 X
K11UW2U	15.3	0.15	K118R	321.550	215.349	225.526	15.685	0.19570	3.11597	2 S
K11UX1C	16.2	0.15	K118R	141.364	171.249	79.154	5.627	0.05332	2.69155	2 S
K11UX2A	16.2	0.15	K118R	268.157	246.396	257.533	11.443	0.06655	2.74614	2 S
K11UX6N	17.7	0.15	K118R	355.339	152.050	237.623	1.878	0.22299	2.31548	5 X
K11UX7G	17.1	0.15	K118R	20.374	340.527	355.545	0.949	0.28779	2.39341	4 X
K11UY3C	16.2	0.15	K118R	20.296	136.040	231.395	8.336	0.17243	3.07809	3 X
K11UY3P	15.0	0.15	K118R	336.330	298.436	115.388	16.705	0.07300	3.12632	3 X
K11UZ9J	16.5	0.15	K118R	81.726	350.096	325.836	4.248	0.05599	2.77061	7 X
K11UZ9S	15.9	0.15	K118R	4.236	160.513	242.981	3.758	0.10834	3.21016	2 S
K11UZ9X	16.5	0.15	K118R	140.454	18.812	223.735	13.545	0.03411	3.01533	4 X
K11Ua0Q	17.8	0.15	K118R	303.551	45.676	55.139	4.190	0.20600	2.64790	2 S

K11Ua2P	16.7	0.15	K118R	301.774	151.781	295.424	7.226	0.06360	2.44101	2 S
K11Ua9D	16.9	0.15	K118R	61.399	282.492	56.142	11.302	0.05137	3.09546	2 S
K11Ua9N	15.9	0.15	K118R	48.928	78.366	258.418	10.532	0.09229	3.10824	2 S
K11Ub1U	15.8	0.15	K118R	326.173	359.117	59.495	10.669	0.13314	3.18694	4 X
K11Ub7H	18.3	0.15	K118R	347.055	81.470	318.276	1.725	0.20962	2.29797	2 S
K11Uc3T	16.9	0.15	K118R	49.694	13.306	316.986	4.485	0.13422	2.57316	2 S
K11Uc9T	18.2	0.15	K118R	356.534	46.816	334.924	6.026	0.17294	2.28134	2 S
K11Ud0O	18.4	0.15	K118R	306.639	270.051	191.633	1.920	0.16217	2.44952	2 S
K11Ud1N	15.9	0.15	K118R	2.754	260.243	122.302	12.503	0.25695	3.34931	5 X
K11Ud6B	15.5	0.15	K118R	305.253	282.426	191.506	24.991	0.29508	3.15370	2 S
K11Ud6G	16.8	0.15	K118R	354.102	309.507	76.400	17.779	0.23371	3.15695	2 X
K11Ud8B	15.8	0.15	K118R	350.823	154.046	244.826	7.814	0.16057	3.08897	2 S
K11Ue0L	15.8	0.15	K118R	9.436	71.121	301.343	13.498	0.06879	3.08468	3 X
K11Ue0N	16.6	0.15	K118R	57.178	287.463	47.653	6.952	0.03382	2.72871	3 X
K11Ue0W	20.1	0.15	K118R	3.066	310.248	41.460	5.571	0.37224	2.28764	2 S
K11Ue0Z	16.4	0.15	K118R	38.273	311.427	35.078	9.391	0.08848	3.06430	2 S
K11Ue1B	16.7	0.15	K118R	107.396	45.300	225.669	11.583	0.17481	2.79306	4 X
K11Ue1C	16.1	0.15	K118R	15.265	180.920	183.515	13.442	0.16640	2.99785	2 X
K11Ue1E	17.5	0.15	K118R	27.209	282.894	53.578	7.184	0.16474	2.19591	3 X
K11Ue1H	17.8	0.15	K118R	20.087	112.297	215.971	11.980	0.29428	2.58104	2 S
K11Ue1N	18.3	0.15	K118R	349.948	331.486	43.189	22.195	0.08596	1.83082	2 S
K11Ue1Q	15.2	0.15	K118R	254.532	279.810	251.904	15.182	0.17485	3.09648	2 S
K11Ue1T	16.4	0.15	K118R	48.820	288.014	46.128	11.464	0.09330	3.05559	2 S
K11Ue1V	17.9	0.15	K118R	320.156	208.255	225.554	5.854	0.14207	2.38905	2 S
K11Ue1X	18.5	0.15	K118R	53.275	340.477	316.761	1.320	0.28918	2.17234	2 S
K11Ue1Y	16.2	0.15	K118R	325.862	148.269	280.015	8.731	0.08568	3.07462	2 S
K11V02X	15.9	0.15	K118R	24.322	295.214	61.863	9.369	0.02242	2.97685	3 S
K11V08L	17.7	0.15	K118R	52.639	61.306	262.691	18.332	0.07147	1.93193	2 S
K11V08T	17.2	0.15	K118R	352.526	300.556	87.685	14.771	0.16101	3.06338	2 X
K11V08Z	16.8	0.15	K118R	8.246	235.121	133.164	11.445	0.13267	3.01350	4 X
K11V09O	16.0	0.15	K118R	165.020	107.253	112.571	13.202	0.03645	3.21923	3 X
K11V10C	17.5	0.15	K118R	2.188	333.821	45.017	3.700	0.11883	2.81596	2 X
K11V11E	18.8	0.15	K118R	4.007	328.586	33.211	1.505	0.29702	2.61899	2 S
K11V14N	15.7	0.15	K118R	311.641	47.577	42.958	17.130	0.15680	3.16089	3 X
K11V18D	17.3	0.15	K118R	256.914	247.981	250.970	19.043	0.07611	1.91414	4 S
K11W00M	17.4	0.15	K118R	27.069	24.978	322.443	1.150	0.11366	2.87994	4 X

New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc C
K11N00Y	20.7	0.15	K118R	2.044	87.425	247.503	7.980	0.55672	2.27934	139 X
K11R17C	15.2	0.15	K118R	356.384	194.079	212.872	11.316	0.53981	6.34331	81 X
K11S15Z	21.5	0.15	K118R	346.070	211.012	176.777	17.079	0.61288	2.73742	65 X
K11S16G	21.1	0.15	K118R	333.183	48.552	344.102	7.424	0.35682	1.92044	64 X
K11S57H	18.1	0.15	K118R	346.398	333.224	71.290	2.614	0.18143	2.36668	60 S
K11S69R	20.0	0.15	K118R	333.794	206.761	227.468	5.838	0.54894	2.40979	59 X
K11SD2B	18.0	0.15	K118R	340.574	12.143	31.537	10.322	0.37053	2.66882	77 X
K11SI3Y	17.8	0.15	K118R	352.390	221.333	165.318	3.794	0.20682	2.73677	54 S
K11SK1M	19.0	0.15	K118R	320.873	47.745	358.997	2.404	0.22213	2.32224	82 X
K11SL4X	17.6	0.15	K118R	350.026	190.478	196.379	15.492	0.34207	2.66352	62 X
K11SO9U	18.4	0.15	K118R	342.301	230.248	191.261	12.983	0.49414	3.21189	56 X
K11T09C	17.9	0.15	K118R	350.046	149.887	228.589	7.875	0.27446	2.25799	164 X
K11T09N	21.4	0.15	K118R	347.456	162.903	199.283	4.097	0.45054	1.89693	38 X
K11UB4X	22.5	0.15	K118R	343.986	215.104	186.403	5.908	0.52868	2.49068	30 X
K11UF8U	19.6	0.15	K118R	355.591	283.900	80.147	8.825	0.40039	2.13962	33 X
K11UG6A	17.6	0.15	K118R	320.097	175.614	268.684	1.301	0.05003	2.60808	27 S
K11UK4U	18.0	0.15	K118R	7.552	177.527	171.582	9.437	0.30515	2.24998	164 X
K11UP5Y	22.9	0.15	K118R	278.721	275.932	192.426	8.038	0.31872	1.34948	23 X
K11UP6G	20.4	0.15	K118R	357.052	132.720	222.769	26.203	0.35130	1.96137	22 X
K11UP9S	16.9	0.15	K118R	300.973	227.280	238.885	14.767	0.13727	2.61308	29 X
K11UR5Z	23.5	0.15	K118R	310.809	352.067	52.058	8.510	0.18745	1.28664	22 X
K11UU5E	21.5	0.15	K118R	351.922	52.147	304.449	4.752	0.67301	2.40755	23 X
K11V00B	24.9	0.15	K118R	342.582	107.323	305.741	1.283	0.61930	2.72889	21 X

K11V05O	21.8	0.15	K118R	312.725	221.295	228.160	8.088	0.45486	1.90209	21 X
K11V05Q	19.9	0.15	K118R	296.982	89.451	30.441	7.209	0.43598	2.06090	20 X
K11V05U	20.3	0.15	K118R	334.097	24.841	44.152	30.534	0.55726	2.19632	20 X
K11V05W	18.5	0.15	K118R	352.321	20.158	1.263	16.757	0.54326	2.37771	19 X
K11V09G	22.3	0.15	K118R	355.654	65.650	236.334	1.270	0.77700	2.30359	7 X
K11V11C	17.1	0.15	K118R	3.504	132.722	244.754	4.008	0.07770	2.71482	50 S
K11V12P	21.1	0.15	K118R	333.378	159.659	238.143	8.380	0.45468	1.99288	7 X
K11W00A	21.7	0.15	K118R	32.890	206.193	51.552	30.451	0.28585	0.84493	7 X
K11W00C	22.7	0.15	K118R	248.745	244.791	226.177	9.427	0.09875	1.20388	6 X
K11W00D	26.0	0.15	K118R	291.807	207.877	234.155	5.691	0.22906	1.36146	6 X
K11W02L	20.8	0.15	K118R	7.532	88.910	212.983	14.142	0.28371	1.07882	6 X
K11W02M	20.3	0.15	K118R	336.857	315.255	57.530	15.926	0.28968	1.56410	5 X
K11W02N	25.3	0.15	K118R	331.941	208.448	232.696	5.449	0.58950	2.39007	5 X
K11W02R	25.3	0.15	K118R	221.823	292.635	233.617	12.551	0.39359	1.08284	6 X
K11W02S	17.2	0.15	K118R	321.206	307.590	326.851	46.731	0.74321	1.00847	6 X
K11W02V	20.4	0.15	K118R	0.063	122.723	237.530	22.846	0.16152	1.53447	5 X
K11W04O	19.2	0.15	K118R	302.738	235.378	225.108	61.233	0.50365	1.76584	5 X
K11W04P	27.1	0.15	K118R	273.602	260.884	230.745	1.177	0.41382	1.35933	5 W
K11W04Q	27.4	0.15	K118R	316.911	229.114	216.418	0.257	0.47542	1.82740	5 X
K11W04V	22.7	0.15	K118R	353.071	277.984	46.699	11.827	0.29965	1.18980	4 X
K11W04W	18.4	0.15	K118R	15.396	9.334	318.301	7.608	0.41688	2.14842	4 X
K11W14K	20.6	0.15	K118R	20.364	110.280	202.543	3.950	0.39357	1.79193	4 K

New one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc C
K02L48F	17.9	0.15	K025Q	25.290	113.290	92.498	19.317	0.15457	3.08950	7 X
K02L49Z	17.2	0.15	K025Q	10.346	340.209	254.665	7.536	0.16849	2.20410	5 S
K02L52C	15.9	0.15	K025Q	0.174	154.024	92.371	14.872	0.16456	2.78721	23 X
K02M04P	16.0	0.15	K026F	20.521	337.329	271.982	18.472	0.29429	3.05765	63 X
K11H28S	17.8	0.15	K1149	311.872	209.961	51.717	21.405	0.03726	1.87691	20 S
K11R19D	16.8	0.15	K119G	306.275	225.947	204.611	3.821	0.09847	2.86375	48 S
K11S30B	18.5	0.15	K11A6	349.597	4.343	41.188	1.115	0.27933	2.34804	63 X
K11S57L	18.5	0.15	K11A6	356.266	354.574	49.678	4.468	0.06076	2.18063	60 S
K11S57O	17.4	0.15	K11A6	20.586	157.330	208.356	3.675	0.24171	2.58024	60 X
K11S85M	18.4	0.15	K11A6	10.769	192.829	177.135	6.262	0.27396	2.57684	62 S
K11S85N	17.3	0.15	K11A6	337.958	237.314	191.701	11.038	0.22993	3.11547	62 X
K11SA7H	18.6	0.15	K11A6	3.161	143.128	249.313	1.536	0.21194	2.38923	59 X
K11SB5C	17.2	0.15	K11A6	9.255	147.063	210.537	17.368	0.33327	3.06814	57 S
K11SB9G	15.9	0.15	K11A6	102.444	201.260	67.248	10.112	0.03225	3.17880	58 X
K11SC3F	18.2	0.15	K11A6	340.553	227.520	201.676	10.250	0.32033	2.70383	62 X
K11SD2N	16.5	0.15	K11A6	3.426	348.268	42.680	16.338	0.09080	3.17010	60 X
K11SH1F	16.5	0.15	K11A6	35.218	128.733	223.984	8.083	0.06709	3.05217	50 S
K11SH1M	18.2	0.15	K11A6	8.683	139.610	235.617	3.642	0.21782	2.60619	50 S
K11SH1Q	16.5	0.15	K11A6	156.420	4.149	227.164	6.740	0.13978	2.59297	49 S
K11SI2M	17.5	0.15	K118R	328.873	203.555	213.966	8.334	0.23247	2.40315	140 S
K11SL5A	18.3	0.15	K11A6	342.321	235.785	184.386	7.871	0.28387	2.69142	62 X
K11SM2T	18.0	0.15	K11A6	89.876	244.895	56.980	22.416	0.08350	1.96873	56 S
K11SM4T	18.5	0.15	K11AQ	4.935	108.314	280.432	3.070	0.17238	2.24911	54 X
K11SP7V	18.6	0.15	K11A6	20.019	300.861	46.703	5.517	0.26102	2.33704	56 S
K11SP7X	16.4	0.15	K11A6	359.111	127.153	241.815	14.951	0.24032	3.13422	41 S
K11SP7Y	17.4	0.15	K11A6	41.971	317.358	12.463	3.110	0.08562	2.74479	57 S
K11SP8C	18.0	0.15	K11A6	355.603	355.099	25.438	10.687	0.31894	3.11801	33 S
K11SP8G	19.2	0.15	K11A6	30.303	106.551	221.345	4.721	0.24883	2.23720	56 S
K11SP8H	16.4	0.15	K11A6	85.966	78.412	215.634	9.789	0.06620	3.07997	54 S
K11SP8J	18.7	0.15	K11A6	9.945	149.726	213.260	14.238	0.18130	2.56979	55 S
K11SP8K	18.4	0.15	K11A6	39.718	7.610	317.547	4.086	0.19513	2.36268	41 S
K11SP8L	17.1	0.15	K11A6	47.923	22.559	300.185	5.103	0.14973	2.65665	41 S
K11SP8R	18.9	0.15	K11A6	327.135	39.913	38.907	12.611	0.29057	2.63159	55 S
K11SP8U	16.7	0.15	K11A6	6.164	351.082	42.313	10.709	0.12475	3.03978	54 S
K11SP8V	16.7	0.15	K11A6	233.870	133.353	41.437	16.973	0.04574	3.05759	54 S
K11SP8W	17.9	0.15	K11A6	37.926	114.049	228.249	1.516	0.21569	2.38205	53 S
K11SP8Y	18.3	0.15	K11A6	10.503	175.209	219.935	9.649	0.10857	3.08505	39 S

K11SP9C	16.9	0.15	K11A6	54.448	255.433	58.777	12.799	0.20301	2.79186	52 S
K11SP9D	17.2	0.15	K11A6	18.232	225.279	122.165	8.852	0.19756	2.81542	31 S
K11SP9E	16.2	0.15	K11A6	24.010	107.742	225.044	11.425	0.12058	2.85367	37 S
K11SP9G	16.5	0.15	K11A6	335.423	27.998	5.039	11.134	0.08903	3.07779	52 S
K11SP9H	17.1	0.15	K11A6	14.782	54.214	308.902	7.219	0.30929	2.74090	55 S
K11SP9J	16.8	0.15	K11A6	127.868	30.316	224.795	9.030	0.07227	2.78946	51 S
K11SP9K	18.1	0.15	K11A6	339.846	96.583	320.621	1.226	0.18639	2.67690	51 S
K11SP9P	16.5	0.15	K11A6	90.427	249.128	53.423	25.699	0.12705	2.74902	50 S
K11SP9Q	16.7	0.15	K11A6	344.820	124.153	286.534	14.560	0.16982	2.55379	37 S
K11SP9R	18.3	0.15	K11A6	353.086	346.547	44.118	3.145	0.22401	2.38622	50 S
K11SP9S	16.2	0.15	K11A6	332.642	27.321	26.785	21.598	0.11277	3.21936	50 S
K11SP9T	17.9	0.15	K11A6	5.206	324.456	48.192	6.480	0.24021	2.43368	48 S
K11SP9V	18.9	0.15	K11A6	347.561	175.975	220.214	0.564	0.17758	2.37411	50 S
K11SQ0B	17.3	0.15	K11A6	339.408	199.995	199.509	9.481	0.12124	3.06493	48 S
K11SQ0D	18.3	0.15	K11A6	18.777	120.879	243.084	2.824	0.15917	2.70601	48 S
K11SQ0E	16.6	0.15	K11A6	92.025	260.961	26.842	15.002	0.13830	2.61607	29 S
K11SQ0G	16.3	0.15	K11A6	211.643	328.301	231.534	26.949	0.11606	3.19074	47 S
K11SQ0H	17.0	0.15	K11A6	269.424	278.508	227.679	12.379	0.12723	2.62835	47 S
K11SQ0J	16.5	0.15	K11A6	304.717	15.508	72.360	5.868	0.03910	2.76599	49 S
K11SQ0K	18.5	0.15	K11A6	21.826	124.461	219.297	3.199	0.24785	2.63531	48 S
K11SQ0M	16.9	0.15	K11A6	10.547	337.733	32.574	1.632	0.17182	3.11316	46 S
K11SQ0N	19.1	0.15	K11A6	52.625	92.545	221.265	5.460	0.16076	2.13332	48 S
K11SQ0O	17.7	0.15	K11A6	329.435	205.981	214.839	10.907	0.06756	2.71917	46 S
K11SQ0P	17.1	0.15	K11A6	30.491	335.374	6.646	3.730	0.21847	3.10401	47 S
K11SQ0Q	17.2	0.15	K11A6	75.238	311.672	356.465	4.021	0.15803	3.04651	32 S
K11SQ0S	16.5	0.15	K11A6	299.859	82.669	31.791	10.474	0.19493	3.17497	56 S
K11SQ0T	18.2	0.15	K11A6	351.735	184.817	194.973	1.982	0.21763	2.38384	58 S
K11SQ0V	17.3	0.15	K11A6	311.759	219.521	213.904	8.110	0.14026	2.74517	44 S
K11SQ0W	19.0	0.15	K11A6	349.859	0.310	37.976	5.809	0.29029	2.60330	58 S
K11SQ0Y	18.4	0.15	K11A6	16.773	284.313	76.666	2.663	0.13726	2.27442	56 S
K11SQ0Z	17.2	0.15	K11A6	103.445	231.114	45.228	4.923	0.05014	2.37235	56 S
K11SQ1A	17.2	0.15	K11A6	306.904	71.954	36.143	12.814	0.23120	2.66906	57 S
K11SQ1C	17.3	0.15	K11A6	358.250	0.855	31.417	7.542	0.10669	2.69415	57 S
K11SQ1E	17.2	0.15	K11A6	304.811	253.030	201.248	2.955	0.18301	3.10655	43 S
K11SQ1G	17.7	0.15	K11A6	64.237	283.555	12.263	1.049	0.18882	2.38978	43 S
K11SQ1H	19.5	0.15	K11A6	21.701	166.819	177.490	0.504	0.23534	2.21776	43 S
K11SQ1K	18.2	0.15	K11A6	42.359	126.117	209.181	5.923	0.14584	2.31706	43 S
K11SQ1L	19.1	0.15	K11A6	334.786	342.365	90.986	6.918	0.07720	2.31909	36 S
K11SQ1O	17.8	0.15	K11A6	334.507	5.495	29.012	2.280	0.07894	2.91273	30 S
K11SQ1Q	17.2	0.15	K11A6	160.750	114.601	94.014	4.198	0.03034	2.65667	28 S
K11SQ1R	19.0	0.15	K11A6	336.620	203.919	193.027	2.394	0.13312	2.19633	51 S
K11SQ1S	18.0	0.15	K11A6	24.743	166.757	166.297	14.816	0.27783	2.61897	25 S
K11T13J	17.2	0.15	K11AQ	1.670	182.895	213.451	13.592	0.25537	2.59829	43 S
K11T15Z	17.1	0.15	K11A6	172.683	217.705	356.604	10.811	0.09468	2.52626	23 S
K11T16A	17.8	0.15	K11A6	348.602	145.148	263.724	3.949	0.16989	2.72647	46 S
K11T16B	16.8	0.15	K11A6	316.718	223.970	223.287	16.757	0.14691	3.04698	46 S
K11T16C	18.4	0.15	K11A6	356.068	171.503	223.255	11.617	0.17369	2.58615	46 S
K11T16F	17.4	0.15	K11A6	359.841	163.855	239.398	16.978	0.20292	3.08136	46 S
K11T16G	16.4	0.15	K11A6	299.655	181.606	279.178	11.910	0.13505	2.61293	26 S
K11T16J	16.8	0.15	K11AQ	10.249	26.015	354.815	10.265	0.23512	3.12829	46 S
K11T16N	18.7	0.15	K11AQ	0.776	61.977	334.833	2.072	0.20066	2.37140	40 S
K11U02E	16.7	0.15	K11A6	337.630	35.623	24.766	13.454	0.16133	2.79676	58 S
K11U06M	18.0	0.15	K11AQ	17.693	159.178	220.581	12.156	0.15418	2.41715	35 X
K11U08H	16.4	0.15	K11AQ	29.848	312.811	47.661	5.222	0.22829	3.03531	35 X
K11U08O	16.1	0.15	K11AQ	47.836	301.514	50.883	10.186	0.09967	3.16686	35 S
K11U08Q	16.5	0.15	K11AQ	20.467	315.154	67.549	0.915	0.12116	3.07436	35 X
K11U08W	17.7	0.15	K11AQ	349.523	199.140	220.694	7.369	0.18925	2.31440	35 X
K11U16Q	17.4	0.15	K11AQ	5.130	194.667	203.730	0.751	0.17792	2.58976	35 X
K11U16S	16.7	0.15	K11AQ	344.324	20.433	49.407	4.232	0.18195	2.74450	35 X
K11U17H	16.8	0.15	K11AQ	329.343	139.161	308.180	0.756	0.12257	3.11338	35 X
K11U17K	18.7	0.15	K11AQ	352.678	189.262	229.052	4.955	0.31640	2.61005	54 X
K11U19X	17.0	0.15	K11A6	350.948	203.527	213.067	12.571	0.31046	3.05708	59 W

K11U23R	18.4	0.15	K11AQ	347.047	47.380	9.811	4.358	0.23876	2.40829	53	X
K11U23Z	18.6	0.15	K11A6	322.956	204.747	233.200	4.916	0.14357	2.20659	47	S
K11U24L	16.4	0.15	K11AQ	50.571	91.616	240.864	4.533	0.16578	3.09378	36	S
K11U24M	17.3	0.15	K11AQ	322.889	234.915	225.720	9.193	0.26442	3.08062	36	X
K11U25U	16.5	0.15	K11AQ	356.745	258.808	145.450	0.884	0.04083	3.09660	36	X
K11U25W	17.7	0.15	K11A6	2.846	338.688	46.380	3.236	0.22615	2.40166	60	X
K11U26B	17.2	0.15	K11AQ	8.035	343.231	46.254	6.749	0.11069	2.36553	36	X
K11U26G	17.4	0.15	K11AQ	8.004	174.655	211.659	10.742	0.22956	2.32498	32	S
K11U26Z	18.3	0.15	K11AQ	359.726	336.677	62.327	3.051	0.20258	2.53627	36	X
K11U27C	17.5	0.15	K11AQ	350.005	2.897	50.621	9.010	0.16678	2.73995	36	X
K11U27D	17.9	0.15	K11A6	347.697	349.539	60.447	3.828	0.22334	2.44787	60	X
K11U27N	17.2	0.15	K11AQ	25.877	309.965	46.700	15.555	0.25642	3.10617	36	X
K11U27X	17.9	0.15	K11AQ	299.551	267.488	197.429	6.167	0.03042	2.24807	36	S
K11U29X	16.3	0.15	K11AQ	352.183	204.756	215.299	8.372	0.25084	3.03229	35	X
K11U30B	17.3	0.15	K11AQ	310.355	259.491	220.306	11.843	0.20748	2.68295	35	W
K11U30H	16.9	0.15	K11AQ	23.502	151.319	221.766	12.823	0.20278	2.72144	35	X
K11U30O	16.7	0.15	K11A6	324.809	226.681	227.806	15.134	0.16556	3.09557	56	X
K11U30U	16.6	0.15	K11AQ	54.116	291.494	52.719	10.945	0.10363	2.63971	35	X
K11U30Y	16.2	0.15	K11AQ	33.225	319.754	51.702	17.350	0.06036	2.72999	35	X
K11U31E	14.6	0.15	K11AQ	28.937	324.854	53.535	12.320	0.04078	3.10065	35	X
K11U35P	18.9	0.15	K11AQ	37.691	290.219	63.878	6.363	0.18907	2.31220	34	X
K11U35U	17.2	0.15	K11AQ	43.557	295.128	55.747	18.032	0.17342	2.73249	34	X
K11U35V	17.2	0.15	K11AQ	0.570	352.561	54.542	11.645	0.27708	2.75484	48	X
K11U35Y	17.3	0.15	K11AQ	20.201	322.113	59.371	5.983	0.16887	2.73468	34	X
K11U36B	16.8	0.15	K11A6	3.188	325.995	77.510	3.094	0.07957	2.89799	59	S
K11U36C	17.0	0.15	K11AQ	6.787	343.016	58.995	8.518	0.13375	2.83520	34	X
K11U36E	16.6	0.15	K11AQ	28.584	308.419	62.291	5.068	0.16549	2.65467	28	X
K11U36H	16.5	0.15	K11AQ	290.753	67.618	64.766	9.797	0.09981	3.01388	34	X
K11U36K	16.2	0.15	K11AQ	40.392	288.289	57.262	17.361	0.26267	3.13243	34	X
K11U36N	16.0	0.15	K11AQ	88.258	250.772	61.118	17.002	0.10820	3.22656	34	X
K11U36T	18.0	0.15	K11AQ	21.670	299.232	75.378	2.500	0.19622	2.39317	34	X
K11U36V	17.0	0.15	K11AQ	42.285	298.445	53.273	14.820	0.16630	2.61254	34	X
K11U37E	18.1	0.15	K11AQ	330.906	29.552	58.492	3.801	0.17478	2.27555	34	X
K11U38P	17.2	0.15	K11AQ	1.731	295.126	109.214	2.377	0.16947	2.57400	33	X
K11U38R	18.1	0.15	K11AQ	330.444	24.086	59.915	6.016	0.13351	2.41072	29	S
K11U38T	16.7	0.15	K11AQ	31.010	313.706	56.911	11.467	0.10424	3.06078	33	X
K11U48R	16.8	0.15	K11AQ	65.768	282.067	34.562	5.649	0.15704	3.09899	35	X
K11U48X	16.2	0.15	K11AQ	353.884	14.759	36.023	3.829	0.22262	3.96574	35	X
K11U49A	17.3	0.15	K11AQ	304.112	76.162	35.995	3.515	0.15529	2.60084	35	X
K11U49C	15.4	0.15	K11AQ	206.080	154.090	42.221	9.773	0.01202	3.12356	35	X
K11U49H	18.0	0.15	K11AQ	338.587	26.689	39.991	3.745	0.10950	2.36237	35	X
K11U52P	18.3	0.15	K11AQ	339.853	335.579	97.412	3.096	0.20576	2.40136	35	X
K11U53C	17.6	0.15	K11AQ	43.513	225.111	117.635	3.249	0.19365	2.38137	35	X
K11U53L	18.8	0.15	K11AQ	351.641	188.707	232.629	6.399	0.31422	2.60125	54	S
K11U53O	17.9	0.15	K11AQ	329.870	207.041	241.015	3.614	0.15120	2.42600	35	X
K11U53P	18.2	0.15	K11A6	350.486	123.079	292.300	0.872	0.23654	2.64760	59	S
K11U53T	17.0	0.15	K11AQ	97.336	57.465	235.183	10.913	0.17856	2.27113	35	X
K11U54F	16.1	0.15	K11AQ	46.013	126.718	230.157	9.743	0.09777	3.10068	35	X
K11U54H	17.2	0.15	K11A6	331.730	216.103	227.356	6.714	0.17079	2.67519	56	X
K11U54Q	17.4	0.15	K11A6	21.957	330.853	46.323	2.417	0.10334	2.71198	60	S
K11U54T	17.8	0.15	K11AQ	19.171	148.676	236.828	5.685	0.11923	2.36786	35	X
K11U55B	18.5	0.15	K11A6	340.793	29.242	40.150	3.412	0.21101	2.40031	60	X
K11U55M	15.8	0.15	K11AQ	45.352	305.144	53.900	11.397	0.09433	2.62532	35	X
K11U56P	16.8	0.15	K11AQ	9.786	157.055	236.821	6.981	0.13222	2.69551	35	X
K11U58F	17.2	0.15	K11A6	352.694	191.291	215.157	13.842	0.30701	2.64099	61	X
K11U59K	17.3	0.15	K11AQ	25.544	138.794	234.259	12.823	0.19023	2.56817	34	X
K11U59R	18.1	0.15	K11AQ	343.104	18.146	38.529	12.343	0.21060	2.39273	26	S
K11U59W	18.2	0.15	K11A6	352.893	156.085	240.123	2.540	0.14185	2.18092	48	S
K11U61F	18.3	0.15	K11AQ	339.224	26.069	47.912	6.062	0.13511	2.35371	35	S
K11U62A	17.5	0.15	K11AQ	20.834	318.076	60.100	12.680	0.25435	2.64200	32	X
K11U63O	18.0	0.15	K11AQ	17.079	294.575	73.951	20.961	0.24544	1.89588	31	X
K11U64H	16.9	0.15	K11AQ	0.499	356.936	49.815	7.541	0.08455	2.38991	35	X

K11U76Y	17.8	0.15	K11AQ	313.683	217.790	248.417	6.048	0.20731	2.30178	30	S
K11U78U	17.9	0.15	K11AQ	21.470	142.339	226.049	14.010	0.18108	2.70960	34	X
K11U81O	16.8	0.15	K11AQ	333.182	222.697	217.932	11.743	0.13863	3.16428	34	X
K11U81R	16.9	0.15	K11A6	2.086	177.508	216.973	11.764	0.24544	3.00297	60	X
K11U82D	17.9	0.15	K11AQ	27.074	119.675	238.296	14.797	0.30081	3.10536	34	W
K11U82F	16.2	0.15	K11AQ	353.289	169.206	249.208	10.536	0.14942	3.08987	34	X
K11U83K	18.2	0.15	K11AQ	342.508	180.272	247.881	5.145	0.11399	2.31904	34	X
K11U83L	16.7	0.15	K11AQ	34.932	125.461	241.508	10.536	0.10536	3.07752	34	X
K11U83Q	18.5	0.15	K11AQ	0.439	171.250	235.239	12.869	0.24548	2.68639	34	X
K11U83U	16.8	0.15	K11AQ	345.272	191.658	237.429	14.633	0.12416	2.87247	34	X
K11U84D	17.8	0.15	K11AQ	42.032	117.818	238.298	12.256	0.13881	2.55974	34	X
K11U84O	17.2	0.15	K11AQ	338.751	49.543	27.095	6.967	0.10317	2.32945	34	X
K11U84X	17.3	0.15	K11AQ	35.160	341.667	17.965	4.927	0.21373	2.56899	34	X
K11U85D	18.1	0.15	K11AQ	0.066	164.440	244.551	5.650	0.33608	2.59347	34	X
K11U85E	17.7	0.15	K11AQ	332.686	212.501	243.346	12.660	0.22056	2.67673	52	X
K11U85G	16.9	0.15	K11AQ	23.995	129.370	242.571	13.865	0.26725	2.76765	34	S
K11U87T	17.6	0.15	K11AQ	341.461	19.098	59.791	6.289	0.14584	2.38810	32	X
K11U88Y	17.7	0.15	K11AQ	22.005	138.082	234.753	12.588	0.27944	2.64480	32	X
K11U89W	17.0	0.15	K11AQ	328.465	227.267	227.713	12.017	0.10597	2.34975	32	X
K11U90B	18.0	0.15	K11AQ	341.116	28.710	53.547	24.429	0.23033	2.39135	32	X
K11U90M	17.6	0.15	K11AQ	43.514	311.132	41.043	6.063	0.16471	2.23487	50	X
K11U91G	17.6	0.15	K11AQ	5.456	134.702	255.202	15.146	0.43725	2.65506	30	W
K11U92P	17.7	0.15	K11A6	353.201	343.336	50.381	0.778	0.20830	3.11422	55	S
K11U93W	16.8	0.15	K11A6	347.946	353.203	45.679	0.183	0.13278	3.18272	57	S
K11U94D	18.3	0.15	K11AQ	1.323	100.273	303.127	1.345	0.21785	2.30416	35	X
K11U97Z	16.9	0.15	K11AQ	5.935	26.750	12.513	5.023	0.25662	2.59304	34	W
K11UA1P	17.5	0.15	K11AQ	7.817	192.567	203.845	7.562	0.12048	2.32568	33	X
K11UA1Z	18.2	0.15	K11AQ	311.872	251.707	226.605	21.499	0.25562	2.29425	33	X
K11UA2M	18.9	0.15	K11A6	3.952	134.860	251.402	4.103	0.29483	2.58971	49	S
K11UA3H	17.1	0.15	K11AQ	37.022	266.546	89.519	3.163	0.16656	2.73899	30	X
K11UA8A	17.3	0.15	K11AQ	15.036	71.686	306.554	4.410	0.30136	2.58485	30	X
K11UB2E	17.6	0.15	K11A6	319.854	33.692	49.217	2.153	0.21435	3.09244	57	S
K11UB2V	16.4	0.15	K11AQ	60.146	284.692	55.266	11.437	0.09820	3.03069	35	X
K11UB3C	16.8	0.15	K11AQ	343.251	16.772	55.092	15.778	0.09657	2.67655	34	X
K11UB3J	16.1	0.15	K11AQ	3.201	353.061	53.076	15.106	0.08694	2.68519	34	X
K11UB3N	16.3	0.15	K11AQ	8.569	336.156	55.256	10.399	0.25039	3.07122	33	X
K11UB3V	17.2	0.15	K11AQ	356.408	204.727	209.544	2.141	0.17154	3.03269	32	X
K11UB3X	18.7	0.15	K11AQ	12.049	330.974	56.106	3.127	0.21500	2.38968	32	X
K11UB4C	18.1	0.15	K11AQ	343.851	248.371	179.851	2.201	0.18881	2.32469	28	S
K11UB4E	18.1	0.15	K11AQ	21.991	307.684	59.136	7.729	0.28386	2.67376	32	X
K11UB9X	18.6	0.15	K11AQ	20.465	143.770	230.351	4.014	0.17773	2.32393	28	S
K11UC0A	17.3	0.15	K11AQ	61.811	108.647	226.919	3.408	0.10569	2.75132	35	X
K11UC7M	16.6	0.15	K11AQ	322.758	31.758	70.233	9.028	0.18496	2.75835	33	X
K11UC7O	17.1	0.15	K11AQ	28.803	282.678	75.037	5.686	0.26435	2.39344	33	X
K11UC7S	17.4	0.15	K11AQ	4.902	333.101	65.548	8.884	0.15851	2.41149	33	X
K11UC8T	17.5	0.15	K11AQ	24.453	115.482	251.670	11.455	0.28485	2.69789	33	X
K11UC8X	16.6	0.15	K11AQ	81.324	242.040	61.242	14.575	0.21011	2.70192	29	S
K11UD1E	15.5	0.15	K11AQ	18.628	160.596	227.267	21.593	0.08027	3.06241	56	X
K11UD1F	17.3	0.15	K11AQ	350.956	185.375	230.580	13.583	0.22862	2.63426	34	X
K11UD2B	17.0	0.15	K11AQ	354.456	223.127	189.373	13.967	0.26509	2.66387	55	X
K11UD2T	17.6	0.15	K11AQ	335.603	183.211	250.655	1.813	0.17624	2.43521	31	X
K11UD2X	16.5	0.15	K11AQ	334.896	224.696	228.518	13.817	0.27781	3.07336	35	X
K11UD3C	18.1	0.15	K11AQ	55.145	26.766	295.259	1.591	0.22184	2.35653	42	S
K11UD3P	17.8	0.15	K11AQ	1.483	320.874	82.781	14.962	0.24731	2.58847	30	X
K11UD6C	16.8	0.15	K11A6	29.180	311.882	39.816	16.875	0.17787	3.05061	50	S
K11UD9G	18.7	0.15	K11AQ	25.370	131.658	237.085	4.474	0.17986	2.25935	31	S
K11UD9L	17.9	0.15	K11A6	23.259	145.012	228.601	5.471	0.13347	2.64833	56	X
K11UD9M	17.1	0.15	K11AQ	345.094	199.401	228.257	5.516	0.04809	2.76675	31	X
K11UE0O	16.7	0.15	K11AQ	327.050	221.823	236.697	15.343	0.23392	3.07313	30	X
K11UE1T	16.6	0.15	K11AQ	30.176	132.220	239.428	17.409	0.15211	3.21629	30	X
K11UE2D	16.9	0.15	K11A6	39.470	136.984	193.880	15.184	0.24130	3.15388	62	X
K11UE2R	17.6	0.15	K11AQ	338.041	165.212	282.531	3.055	0.25252	2.70214	30	X

K11UE2Z	17.5	0.15	K11AQ	333.983	71.793	21.412	5.295	0.21013	2.58120	30	X
K11UE3B	18.2	0.15	K11A6	353.620	164.285	246.249	3.861	0.29298	2.61433	56	S
K11UE3O	17.8	0.15	K11AQ	14.479	304.413	76.900	11.718	0.24943	2.39553	30	X
K11UE5Z	17.7	0.15	K11AQ	357.036	179.862	233.359	19.571	0.07384	1.94714	29	X
K11UE7Y	16.6	0.15	K11A6	17.235	139.630	227.734	10.561	0.18962	2.61868	56	X
K11UE8M	15.9	0.15	K11AQ	11.098	160.807	228.032	10.063	0.05803	3.14347	31	X
K11UE8X	18.5	0.15	K11AQ	351.295	184.759	227.617	4.063	0.22969	2.63386	31	X
K11UE9E	17.2	0.15	K11AQ	323.816	48.782	41.104	15.116	0.15446	2.67684	25	S
K11UF1B	18.0	0.15	K11A6	348.401	10.966	39.252	3.259	0.21512	2.37864	56	S
K11UF2B	18.6	0.15	K11AQ	3.029	208.622	183.959	8.574	0.47685	2.84884	28	W
K11UF2N	16.9	0.15	K11AQ	338.136	216.804	236.728	27.044	0.21589	3.15709	33	X
K11UF3H	17.9	0.15	K11AQ	38.582	305.626	57.080	6.587	0.12783	2.31261	35	X
K11UF5U	17.4	0.15	K11AQ	11.474	290.974	104.853	4.067	0.18438	2.59014	29	X
K11UF6H	17.2	0.15	K11AQ	41.451	275.560	65.657	13.206	0.29097	2.62604	29	X
K11UF6Z	16.4	0.15	K11AQ	109.185	235.039	58.091	15.630	0.11529	2.63277	34	X
K11UF7A	17.2	0.15	K11AQ	135.728	209.087	61.449	7.994	0.08827	2.27942	34	X
K11UF7G	18.2	0.15	K11A6	297.541	44.753	77.099	4.394	0.13044	2.44099	56	S
K11UF7X	15.9	0.15	K11AQ	6.025	170.238	239.227	20.434	0.11199	3.17213	32	X
K11UF8O	16.9	0.15	K11AQ	357.574	332.900	77.607	19.794	0.23911	3.05007	28	X
K11UF9G	17.7	0.15	K11AQ	332.920	194.794	240.806	17.806	0.08053	1.88096	32	X
K11UG0S	17.0	0.15	K11AQ	17.184	153.181	235.412	15.587	0.21998	3.08251	32	X
K11UG1Q	16.7	0.15	K11AQ	8.980	11.059	23.150	5.846	0.25523	2.58287	30	X
K11UG1X	17.9	0.15	K11A6	36.553	311.230	40.747	6.053	0.18459	2.28736	59	X
K11UG2K	18.2	0.15	K11AQ	1.302	291.982	106.524	3.784	0.20776	2.78918	29	X
K11UG3A	17.2	0.15	K11AQ	18.433	137.722	244.774	8.228	0.15772	2.69932	23	S
K11UG3B	18.5	0.15	K11AQ	37.185	65.109	284.636	1.895	0.20715	2.15008	29	X
K11UG3C	17.7	0.15	K11AQ	348.632	176.587	250.072	3.895	0.27323	2.62368	29	X
K11UG3F	20.4	0.15	K11AQ	1.892	161.884	238.071	5.151	0.34527	2.38709	28	X
K11UG3G	16.3	0.15	K11AQ	63.486	85.995	248.643	9.548	0.13927	3.11325	34	X
K11UG3L	18.4	0.15	K11AQ	43.381	100.036	249.737	6.450	0.18939	2.23296	29	S
K11UG4E	16.9	0.15	K11AQ	8.851	297.135	90.390	7.582	0.11675	2.33727	35	S
K11UG4H	17.7	0.15	K11AQ	24.409	269.364	95.334	8.189	0.24276	2.44698	28	X
K11UG5B	18.6	0.15	K11AQ	27.622	317.107	57.842	21.721	0.07338	1.90739	27	X
K11UG7Y	16.7	0.15	K11AQ	13.642	188.363	203.882	17.501	0.19625	3.11208	30	X
K11UG9E	20.5	0.15	K11AQ	352.522	281.101	134.847	6.401	0.39511	2.40696	27	X
K11UG9K	17.3	0.15	K11AQ	308.435	47.160	45.536	21.824	0.09146	2.00041	26	X
K11UH3Q	17.9	0.15	K11A6	292.095	294.351	187.104	11.658	0.20270	2.56356	62	X
K11UH7T	16.8	0.15	K11AQ	13.109	214.444	170.593	2.856	0.19533	2.59824	29	X
K11UH8K	18.2	0.15	K11AQ	20.127	231.127	145.177	2.993	0.24637	3.00589	33	X
K11UH9G	17.6	0.15	K11AQ	345.473	358.146	69.293	8.335	0.17920	2.41907	29	X
K11UH9U	17.9	0.15	K11AQ	2.996	123.533	281.017	3.837	0.24730	2.42072	52	S
K11UI0Z	19.6	0.15	K11AQ	0.237	173.077	228.111	13.113	0.24638	2.67932	26	S
K11UI1F	17.6	0.15	K11AQ	38.754	125.786	234.715	9.157	0.07736	3.12787	22	S
K11UI3G	18.1	0.15	K11AQ	13.409	92.938	300.081	1.821	0.19456	2.33691	28	X
K11UI5F	18.4	0.15	K11AQ	345.444	263.636	160.823	6.180	0.26456	2.61955	28	S
K11UI5G	17.9	0.15	K11AQ	334.250	295.521	137.286	5.997	0.13739	2.36586	28	X
K11UI5H	18.3	0.15	K11AQ	20.532	214.873	154.573	5.565	0.17668	2.31917	28	X
K11UI5M	17.7	0.15	K11AQ	29.522	233.503	124.709	6.421	0.17359	2.60111	28	X
K11UI6Q	17.0	0.15	K11AQ	347.988	215.360	200.594	18.038	0.08898	3.04341	28	X
K11UI7E	17.7	0.15	K11AQ	347.174	312.836	101.822	6.695	0.10896	2.36158	28	S
K11UI7V	19.7	0.15	K11AQ	356.593	227.299	174.921	7.379	0.36330	2.60979	52	X
K11UJ0Y	17.1	0.15	K11AQ	355.939	354.211	62.051	7.553	0.04938	2.69863	34	S
K11UJ0Z	16.3	0.15	K11AQ	18.969	328.070	60.470	10.821	0.11883	3.10503	34	X
K11UJ1A	17.5	0.15	K11AQ	40.779	295.495	68.268	4.229	0.08713	2.66037	34	X
K11UJ1D	16.6	0.15	K11A6	6.373	272.838	128.578	1.441	0.01538	2.64783	59	X
K11UJ1F	18.7	0.15	K11AQ	334.052	29.870	54.959	6.499	0.17370	2.31236	34	X
K11UJ2A	17.4	0.15	K11A6	17.933	143.160	223.308	11.340	0.31463	2.79349	56	X
K11UJ2B	16.4	0.15	K11A6	6.791	306.953	88.562	2.422	0.29787	3.96826	59	X
K11UJ2C	16.9	0.15	K11A6	57.147	261.057	79.115	2.843	0.10310	2.71843	59	S
K11UJ2R	16.6	0.15	K11AQ	52.669	209.290	115.213	0.065	0.19336	3.10865	26	W
K11UJ3G	16.9	0.15	K11A6	13.946	339.846	42.508	5.432	0.16703	2.61066	60	S
K11UJ3J	17.1	0.15	K11A6	355.066	357.646	50.465	5.503	0.16825	2.59023	60	W

K11UJ3Y	17.7	0.15	K11A6	338.798	1.700	53.435	22.908	0.08028	1.89216	60	X
K11UJ3Z	16.7	0.15	K11AQ	15.841	281.220	93.868	10.917	0.27688	2.98318	33	S
K11UJ4G	17.8	0.15	K11AQ	354.014	213.337	200.837	6.827	0.22403	2.43349	33	X
K11UJ5A	17.2	0.15	K11AQ	346.566	292.927	132.193	6.791	0.12143	2.33833	30	X
K11UJ8J	16.6	0.15	K11AQ	358.792	351.422	60.579	6.209	0.13499	3.10038	32	X
K11UJ8K	17.1	0.15	K11AQ	7.760	343.234	57.999	7.284	0.07357	2.76540	28	X
K11UJ8L	16.8	0.15	K11AQ	48.335	296.266	60.533	6.934	0.06383	2.70359	34	S
K11UJ8Y	17.6	0.15	K11AQ	19.265	282.812	90.418	3.569	0.28342	2.56420	28	X
K11UJ9B	16.9	0.15	K11AQ	23.982	309.386	69.123	7.763	0.16312	2.65896	28	X
K11UJ9V	17.1	0.15	K11AQ	21.705	352.329	36.497	7.868	0.12185	2.56290	28	X
K11UJ9X	17.0	0.15	K11AQ	13.957	123.120	266.841	9.464	0.27478	3.05847	28	X
K11UK0U	17.9	0.15	K11AQ	351.298	329.412	87.917	8.135	0.19089	2.39539	28	W
K11UK1T	17.4	0.15	K11AQ	7.728	331.706	68.204	4.694	0.14294	2.61332	27	X
K11UK1X	17.2	0.15	K11A6	20.863	287.932	90.163	2.588	0.17334	3.13043	59	S
K11UK2A	17.6	0.15	K11A6	340.622	354.372	71.848	5.473	0.11621	2.27110	56	W
K11UK2F	18.7	0.15	K11A6	21.783	286.392	76.058	3.955	0.26338	2.43162	56	X
K11UK2O	18.9	0.15	K11AQ	19.514	307.467	69.951	3.460	0.22137	2.31500	21	S
K11UK2P	16.7	0.15	K11AQ	289.978	59.871	67.750	13.625	0.02887	3.03546	34	X
K11UK2S	17.4	0.15	K11A6	347.594	1.006	61.911	7.366	0.20628	2.66848	56	X
K11UK4A	18.6	0.15	K11A6	354.898	217.448	191.650	1.912	0.18331	2.35640	53	S
K11UK4Q	18.6	0.15	K11AQ	294.124	64.454	64.436	5.339	0.10910	2.22405	45	X
K11UK4V	16.9	0.15	K11AQ	8.283	315.357	66.759	18.435	0.29950	2.75507	33	X
K11UK6B	16.9	0.15	K11AQ	328.379	237.721	227.979	29.705	0.32289	2.60204	34	W
K11UK6T	15.4	0.15	K11AQ	20.505	146.561	231.266	27.656	0.18024	2.63026	30	X
K11UL9K	17.0	0.15	K11A6	357.794	347.168	39.498	9.429	0.22739	3.14253	50	S
K11UN7S	16.1	0.15	K11A6	153.268	17.062	234.041	11.705	0.03826	3.19954	56	X
K11UN7U	18.2	0.15	K11AQ	345.856	195.336	234.082	10.075	0.21427	3.11895	29	X
K11UN8M	17.7	0.15	K11AQ	118.807	246.510	39.187	8.363	0.03799	2.41255	26	S
K11UN8R	18.0	0.15	K11AQ	208.590	320.347	245.044	5.705	0.09588	2.48352	29	X
K11UN8U	19.0	0.15	K11AQ	8.852	44.569	348.409	0.877	0.18617	2.47025	29	X
K11UN9E	17.7	0.15	K11AQ	143.505	12.340	252.821	3.342	0.03112	2.74399	29	X
K11UN9H	17.8	0.15	K11AQ	4.438	21.957	21.496	1.008	0.10514	2.69462	31	S
K11UN9V	18.6	0.15	K11AQ	25.822	319.332	49.224	2.887	0.22030	2.65342	29	X
K11UN9Y	18.6	0.15	K11A6	335.989	209.797	225.868	4.081	0.20220	2.37992	56	X
K11UO0B	16.5	0.15	K11AQ	284.713	259.697	235.927	8.006	0.06000	3.19614	29	X
K11UO0Q	18.7	0.15	K11AQ	317.643	55.787	41.323	2.469	0.10268	2.39452	22	S
K11UO0T	17.5	0.15	K11AQ	355.041	5.974	50.034	14.052	0.18140	2.70515	34	X
K11UO1M	18.0	0.15	K11AQ	344.832	193.150	236.748	9.732	0.14871	2.57406	31	X
K11UO1Y	16.6	0.15	K11A6	43.416	122.231	234.471	8.187	0.10656	3.20086	56	X
K11UO1Z	17.0	0.15	K11A6	21.811	121.093	250.730	3.375	0.21880	3.05190	56	S
K11UO2C	18.9	0.15	K11AQ	348.931	44.477	19.194	1.256	0.17236	2.30686	50	S
K11UO2J	16.2	0.15	K11AQ	206.587	335.444	237.241	12.568	0.12357	2.69564	35	X
K11UO2K	17.6	0.15	K11AQ	350.968	12.760	49.058	6.057	0.04298	2.65993	28	X
K11UO2M	17.4	0.15	K11AQ	258.760	117.766	43.101	5.642	0.05978	2.70697	28	X
K11UO2P	16.9	0.15	K11A6	30.935	317.049	42.839	5.804	0.19382	2.70053	59	X
K11UO2Q	16.6	0.15	K11AQ	127.608	37.956	237.429	12.559	0.13429	2.75901	31	X
K11UO2S	17.3	0.15	K11A6	3.728	109.823	288.607	0.167	0.25125	3.10765	60	S
K11UO2T	16.5	0.15	K11AQ	59.126	105.646	236.523	9.777	0.11564	3.00422	31	X
K11UO2U	16.9	0.15	K11AQ	327.146	228.790	229.755	2.330	0.16765	3.19371	28	X
K11UO2V	17.8	0.15	K11AQ	353.369	181.643	238.526	4.085	0.13135	2.74643	28	X
K11UO2W	17.5	0.15	K11AQ	348.804	28.563	40.065	1.438	0.17156	3.14747	28	X
K11UO2X	18.7	0.15	K11AQ	6.650	163.058	235.890	3.835	0.15786	2.26231	31	X
K11UO3H	16.8	0.15	K11A6	0.194	355.962	53.567	11.109	0.09798	3.19361	59	X
K11UO3J	17.6	0.15	K11AQ	304.058	253.303	235.902	11.225	0.20007	2.57836	31	X
K11UO3K	17.5	0.15	K11A6	14.621	339.805	42.432	2.703	0.23119	3.04419	59	X
K11UO3M	18.1	0.15	K11AQ	330.485	213.309	231.070	5.575	0.06344	2.38721	28	X
K11UO3V	17.1	0.15	K11AQ	32.169	129.587	244.556	0.857	0.10555	2.96374	28	X
K11UO4D	16.7	0.15	K11AQ	6.086	167.799	234.746	11.460	0.21120	2.98414	35	X
K11UO4J	17.6	0.15	K11AQ	209.987	153.317	50.589	7.820	0.04829	2.32241	28	X
K11UO4K	18.4	0.15	K11AQ	313.967	189.067	285.295	1.032	0.18577	2.43636	28	X
K11UO4Z	16.4	0.15	K11AQ	41.656	125.543	229.819	5.395	0.05048	2.75670	31	X
K11UO5E	17.8	0.15	K11AQ	336.508	132.198	299.117	0.619	0.16755	2.43322	35	S

K11U05G	18.6	0.15	K11A6	357.777	348.011	46.720	2.278	0.17477	2.37990	60	X
K11U06D	19.0	0.15	K11AQ	1.903	342.176	62.799	2.508	0.17922	2.40231	27	X
K11U06H	18.4	0.15	K11A6	359.976	187.406	213.076	1.890	0.18403	2.41715	60	X
K11U06O	17.9	0.15	K11A6	322.416	32.854	53.946	8.463	0.09249	2.23695	60	X
K11U06P	19.1	0.15	K11AQ	356.280	202.172	211.473	2.029	0.19078	2.39667	27	X
K11U06U	16.7	0.15	K11A6	322.041	238.689	229.346	13.601	0.26147	2.99605	56	X
K11U06V	17.6	0.15	K11A6	48.421	294.767	54.780	6.076	0.06517	2.27199	59	S
K11U07B	16.8	0.15	K11A6	53.883	267.782	64.474	4.024	0.19344	2.63008	59	S
K11U07L	17.9	0.15	K11AQ	42.138	293.940	54.078	10.248	0.22198	2.59608	27	X
K11U07M	18.2	0.15	K11A6	307.892	52.127	57.963	4.430	0.14020	2.33212	59	X
K11U07O	17.7	0.15	K11A6	32.874	310.839	53.265	2.952	0.12728	2.57919	59	S
K11U08C	17.8	0.15	K11AQ	268.747	305.645	210.948	1.607	0.11316	2.37484	27	X
K11U08U	18.3	0.15	K11AQ	60.582	275.431	54.361	3.290	0.19243	2.32944	27	X
K11U08W	16.0	0.15	K11A6	328.403	218.601	229.148	9.419	0.07432	3.11756	53	S
K11U08X	17.4	0.15	K11AQ	357.834	356.508	60.439	7.018	0.05136	2.86523	27	X
K11U08Y	17.7	0.15	K11AQ	160.588	24.334	225.318	5.432	0.09695	2.28490	27	X
K11U09F	17.9	0.15	K11AQ	31.200	297.510	67.718	3.678	0.21482	2.78537	27	X
K11U09J	16.9	0.15	K11AQ	54.397	280.508	57.851	13.970	0.19482	2.65841	27	X
K11U09W	18.4	0.15	K11AQ	89.385	242.476	61.908	3.363	0.17436	2.25655	27	X
K11UP0B	18.5	0.15	K11A6	4.536	344.651	50.053	2.888	0.20109	2.34030	55	S
K11UP2U	16.5	0.15	K11AQ	50.150	266.581	74.465	17.602	0.26376	3.04393	23	S
K11UP2Z	17.0	0.15	K11A6	358.568	335.584	73.548	0.491	0.20067	3.03267	59	S
K11UP3A	17.6	0.15	K11AQ	4.634	352.227	55.810	15.446	0.06535	2.68912	27	X
K11UP3B	16.8	0.15	K11A6	30.616	168.988	194.411	0.859	0.20751	3.13862	59	W
K11UP3D	16.8	0.15	K11AQ	102.786	249.491	59.686	10.214	0.02843	2.85623	27	X
K11UP4M	18.3	0.15	K11A6	6.971	103.116	283.595	0.547	0.19053	2.35286	59	S
K11UP4N	16.4	0.15	K11AQ	334.160	232.153	199.411	0.500	0.11740	2.66485	32	X
K11UP5D	17.5	0.15	K11A6	343.081	180.512	228.939	2.898	0.15165	2.61330	51	S
K11UP5O	15.6	0.15	K11AQ	49.138	296.638	61.888	11.282	0.08285	3.06263	24	X
K11UP8B	18.8	0.15	K11A6	3.301	82.206	309.207	0.403	0.09595	2.24187	55	S
K11UP9F	16.1	0.15	K11AQ	16.090	141.485	247.264	9.419	0.11225	3.04691	29	X
K11UQ0R	18.3	0.15	K11AQ	319.088	222.229	240.976	10.535	0.14017	2.59166	28	X
K11UQ2G	18.0	0.15	K11AQ	40.639	115.942	243.393	13.314	0.13885	2.57297	30	X
K11UQ2H	17.2	0.15	K11AQ	8.839	159.688	240.931	11.121	0.10860	2.57702	28	X
K11UQ3W	16.5	0.15	K11AQ	11.977	306.729	77.526	12.307	0.13795	2.68196	29	S
K11UQ4K	18.0	0.15	K11AQ	19.718	218.458	149.879	7.149	0.13960	2.37116	28	X
K11UQ6N	18.0	0.15	K11A6	8.142	258.119	115.594	8.493	0.25708	2.67845	59	X
K11UQ6V	17.7	0.15	K11AQ	353.648	228.370	182.516	12.947	0.24697	2.63975	35	X
K11UQ7A	16.6	0.15	K11AQ	32.332	252.185	109.501	13.006	0.09871	2.66064	52	X
K11UQ7V	15.3	0.15	K11AQ	6.969	261.093	128.516	3.942	0.23382	3.95815	20	S
K11UQ9B	18.2	0.15	K11AQ	341.742	42.919	17.475	2.854	0.17609	2.20188	28	S
K11UQ9L	18.8	0.15	K11AQ	13.436	335.613	39.476	12.536	0.22550	2.67740	26	S
K11US2B	17.1	0.15	K11AQ	264.996	271.069	230.839	21.228	0.02689	2.69697	29	S
K11US2O	17.7	0.15	K11AQ	288.886	314.935	174.098	2.967	0.11226	2.30126	29	X
K11US2R	15.3	0.15	K11AQ	338.638	211.961	220.682	17.632	0.06898	3.09160	25	X
K11US7A	17.0	0.15	K11AQ	5.266	43.693	344.524	4.564	0.18646	3.10960	31	S
K11UT3J	17.6	0.15	K11AQ	37.397	278.256	74.910	4.591	0.23093	2.55646	27	S
K11UT3O	18.5	0.15	K11AQ	0.680	346.636	63.182	6.541	0.18264	2.58560	27	X
K11UT4F	19.2	0.15	K11AQ	3.162	198.581	204.420	1.565	0.20853	2.31154	27	X
K11UT4R	17.7	0.15	K11AQ	356.621	126.227	277.269	0.845	0.18727	3.07703	26	X
K11UT4S	17.7	0.15	K11AQ	9.580	23.535	8.583	6.809	0.11265	2.33736	54	X
K11UT4U	16.2	0.15	K11AQ	306.312	191.316	276.423	8.892	0.08010	2.64708	28	X
K11UT5S	16.6	0.15	K11A6	254.672	116.226	37.047	17.066	0.13414	2.79588	49	S
K11UT5Z	17.4	0.15	K11AQ	356.405	350.254	53.782	2.513	0.25415	2.77858	32	X
K11UT6K	16.7	0.15	K11A6	54.711	272.377	46.913	8.659	0.19163	2.74365	60	X
K11UT7J	17.2	0.15	K11AQ	13.757	328.957	54.589	5.556	0.07722	2.70131	32	S
K11UT8O	16.4	0.15	K11AQ	10.349	155.303	238.361	21.380	0.09936	2.62398	29	X
K11UT8U	17.1	0.15	K11A6	61.170	76.961	238.316	16.880	0.23545	3.07902	48	S
K11UT9D	17.5	0.15	K11AQ	90.144	246.667	58.225	7.087	0.12525	2.34916	32	X
K11UT9E	17.9	0.15	K11AQ	27.460	310.989	60.057	6.348	0.14798	2.33847	34	X
K11UT9F	17.4	0.15	K11AQ	281.903	52.920	81.596	2.855	0.06010	2.24406	34	X
K11UT9H	17.1	0.15	K11AQ	330.484	228.016	219.045	7.414	0.18525	2.38590	35	X

K11UT9U	16.5	0.15	K11A6	18.348	280.567	98.746	2.281	0.19525	3.09456	59	X
K11UT9V	15.7	0.15	K11AQ	84.114	257.142	62.125	13.872	0.09405	3.13208	34	X
K11UU0B	18.0	0.15	K11AQ	18.603	301.558	79.853	3.334	0.21737	2.41035	27	S
K11UU0J	16.3	0.15	K11AQ	6.046	335.951	70.801	7.824	0.02789	2.71359	24	X
K11UU0W	18.2	0.15	K11A6	353.312	177.440	222.849	9.341	0.18071	2.71854	49	S
K11UU1X	17.5	0.15	K11AQ	322.483	50.478	34.968	4.155	0.12784	2.29453	20	S
K11UU5F	11.2	0.15	K11AQ	359.914	121.976	297.535	94.044	0.98993	212.91246	21	W
K11UU5N	16.3	0.15	K11AQ	19.196	137.007	230.125	10.740	0.25528	3.14738	52	S
K11UU5S	15.4	0.15	K11A6	345.875	165.892	242.160	10.479	0.12599	3.18910	56	S
K11UU6T	17.0	0.15	K11AQ	353.535	309.144	97.217	10.445	0.21980	3.01453	35	X
K11UU6U	17.1	0.15	K11A6	4.575	233.717	147.846	10.204	0.21906	2.57948	62	X
K11UU6V	18.2	0.15	K11A6	10.024	275.186	91.655	11.423	0.31974	2.69290	59	X
K11UU7G	15.9	0.15	K11AQ	23.317	306.431	61.214	10.156	0.18599	2.62857	26	X
K11UU7L	17.7	0.15	K11AQ	11.821	206.438	172.340	4.787	0.27651	2.56961	26	X
K11UU7Y	17.4	0.15	K11AQ	332.667	134.107	305.562	7.200	0.18382	2.46560	24	S
K11UU8V	16.1	0.15	K11AQ	14.281	124.819	264.601	13.852	0.12687	3.04496	19	S
K11UU9F	16.7	0.15	K11AQ	342.598	17.758	41.229	4.863	0.06114	2.78081	32	X
K11UU9J	18.0	0.15	K118R	18.969	251.608	86.797	8.394	0.20347	2.34866	135	S
K11UV0E	17.3	0.15	K11A6	318.573	208.861	238.672	1.058	0.17553	2.63775	50	S
K11UV0F	18.3	0.15	K11A6	333.975	17.633	45.667	3.347	0.16103	2.41592	50	S
K11UV0T	16.6	0.15	K11AQ	330.984	208.446	226.061	15.632	0.08121	3.19225	23	X
K11UV1J	17.6	0.15	K11AQ	32.097	121.127	239.777	1.939	0.08590	2.62601	31	X
K11UV1O	18.4	0.15	K11AQ	8.177	148.046	240.253	0.900	0.11746	2.61585	31	X
K11UV1R	19.1	0.15	K11AQ	342.885	26.284	37.506	3.178	0.20633	2.28249	36	X
K11UV1W	17.7	0.15	K11AQ	350.793	188.191	224.092	6.039	0.15490	3.04236	23	X
K11UV2C	16.6	0.15	K11AQ	72.553	89.242	227.881	3.421	0.09913	2.75964	31	X
K11UV4U	18.3	0.15	K11AQ	1.871	253.063	144.948	2.655	0.23866	2.39766	35	X
K11UV5P	17.3	0.15	K11AQ	59.302	225.016	91.823	5.055	0.25391	2.28286	23	X
K11UV5U	15.4	0.15	K11A6	21.635	337.544	40.371	11.423	0.08173	3.04776	55	S
K11UV6B	16.7	0.15	K11AQ	25.044	138.670	238.858	9.305	0.13558	3.04878	23	X
K11UV6D	18.1	0.15	K11AQ	352.569	173.308	245.001	3.269	0.08773	2.67540	29	X
K11UV6G	18.2	0.15	K11AQ	50.589	5.431	330.843	0.498	0.20321	2.29571	23	X
K11UV6H	17.1	0.15	K11AQ	1.402	162.018	246.959	4.620	0.04301	2.67970	28	X
K11UV6J	18.1	0.15	K11AQ	321.067	67.201	31.748	1.747	0.14278	2.35555	23	X
K11UV6K	18.6	0.15	K11AQ	199.088	325.227	246.764	4.569	0.04922	2.17289	28	X
K11UV6O	18.2	0.15	K11AQ	30.615	131.185	239.423	4.765	0.10135	2.67963	35	X
K11UV6T	17.9	0.15	K11AQ	297.696	254.518	236.803	4.307	0.19489	2.33894	23	X
K11UV6U	16.6	0.15	K11AQ	57.525	98.946	234.364	6.102	0.17896	3.06495	35	X
K11UV6W	16.5	0.15	K11AQ	44.244	297.884	52.810	11.718	0.16762	3.13993	23	X
K11UV6X	17.1	0.15	K11AQ	229.692	312.731	237.963	2.268	0.10880	2.78210	29	X
K11UV6Z	19.3	0.15	K11AQ	10.119	345.981	39.558	0.913	0.31535	2.58992	23	X
K11UV7C	16.7	0.15	K11AQ	354.851	182.375	236.230	10.985	0.15602	3.08026	31	X
K11UV7D	17.1	0.15	K11AQ	35.816	133.471	240.880	8.110	0.04361	3.05677	28	X
K11UV7K	16.4	0.15	K11AQ	62.631	102.411	241.923	4.747	0.06258	2.74037	31	X
K11UV7O	16.5	0.15	K11A6	359.588	358.070	51.487	4.763	0.01728	2.62566	59	S
K11UV7S	19.0	0.15	K11AQ	340.609	222.011	212.366	0.987	0.15698	2.34493	29	X
K11UV7Z	17.6	0.15	K11A6	25.423	303.632	57.486	4.155	0.22186	2.35528	59	S
K11UV8C	18.3	0.15	K11AQ	354.465	0.195	58.075	1.710	0.08771	2.38201	23	X
K11UV8R	17.8	0.15	K11AQ	32.412	169.077	194.018	0.995	0.19771	2.40150	23	X
K11UV8Z	17.7	0.15	K11A6	331.020	9.414	73.032	2.448	0.15327	2.40953	59	S
K11UV9C	15.6	0.15	K11AQ	173.213	2.212	240.075	10.342	0.05002	3.07555	31	X
K11UV9O	16.9	0.15	K11AQ	36.768	293.423	54.876	18.226	0.28745	3.12173	34	X
K11UW0N	16.9	0.15	K11AQ	2.372	330.889	61.838	14.386	0.26562	2.66245	19	S
K11UW0Y	18.3	0.15	K11A6	0.121	167.829	219.462	7.841	0.22269	2.72751	56	S
K11UW2W	17.0	0.15	K11AQ	14.459	291.746	78.036	13.781	0.28436	2.62991	20	S
K11UW2Y	16.3	0.15	K11AQ	2.767	244.104	153.023	10.911	0.28336	3.05707	33	X
K11UW3K	18.0	0.15	K11AQ	28.403	77.531	275.810	1.028	0.22789	2.31656	54	X
K11UW5O	17.6	0.15	K11AQ	19.829	315.335	71.549	6.755	0.07930	2.25108	34	X
K11UW6M	17.0	0.15	K11AQ	359.952	304.190	89.200	16.281	0.15837	2.80025	54	X
K11UW7V	18.5	0.15	K11AQ	15.329	335.329	46.998	2.396	0.20212	2.33740	31	X
K11UX0F	17.4	0.15	K11A6	355.843	342.092	54.262	17.551	0.13321	3.14426	56	S
K11UX1W	16.8	0.15	K11AQ	25.782	130.337	238.269	12.259	0.23131	3.09790	34	X

K11UX2X	17.8	0.15	K11AQ	304.659	36.547	67.767	23.791	0.08535	1.96452	27 S
K11UX5A	15.5	0.15	K11AQ	5.947	48.047	348.456	7.034	0.21849	3.97395	37 X
K11UX9N	18.0	0.15	K11A6	344.617	216.187	194.112	14.789	0.11203	2.54286	62 X
K11UY2Y	17.3	0.15	K11AQ	32.529	128.244	230.906	17.522	0.22197	2.63357	35 X
K11UY3N	16.6	0.15	K11AQ	329.823	312.286	125.702	12.366	0.17828	3.14918	35 X
K11UY4G	17.9	0.15	K11A6	16.987	336.013	26.318	3.518	0.14584	2.34404	48 S
K11UZ1H	17.0	0.15	K11AQ	331.062	298.808	151.171	1.213	0.14032	3.08823	34 X
K11UZ1X	16.7	0.15	K11AQ	18.698	326.850	44.462	13.968	0.18688	3.13354	55 S
K11UZ8P	16.8	0.15	K11A6	9.457	284.925	85.884	15.302	0.23299	3.18126	35 S
K11UZ8U	19.2	0.15	K11AQ	52.056	104.171	237.454	18.728	0.13423	1.89448	33 X
K11Ua1O	19.3	0.15	K11AQ	11.104	340.973	50.183	5.167	0.15887	2.25674	32 X
K11Ua1W	16.2	0.15	K11AQ	325.078	221.986	242.517	14.884	0.17125	3.11342	27 S
K11Ua2Q	17.4	0.15	K11A6	335.264	35.396	25.389	4.292	0.06423	2.70257	49 S
K11Ua3A	17.2	0.15	K11AQ	57.451	298.499	36.292	5.047	0.10469	2.77225	26 S
K11Ua3E	17.6	0.15	K11A6	0.990	191.958	193.857	6.208	0.11576	2.38644	57 S
K11Ua3R	17.0	0.15	K11A6	16.284	315.808	49.906	4.386	0.13410	2.76212	49 S
K11Ua6Y	17.5	0.15	K11A6	11.820	297.490	73.681	4.341	0.12296	2.63094	50 S
K11Ua8W	18.0	0.15	K11A6	344.580	185.981	240.836	1.808	0.30771	2.60876	59 S
K11Ua9B	17.9	0.15	K11A6	354.259	170.694	238.932	4.503	0.21707	2.41248	56 S
K11Ua9E	16.8	0.15	K11AQ	86.971	86.191	227.956	2.399	0.09581	2.75097	31 X
K11Ua9F	17.2	0.15	K11AQ	118.568	231.352	54.157	5.519	0.08227	2.34229	31 X
K11Ub7S	17.2	0.15	K11A6	347.451	282.308	123.317	4.340	0.10359	2.72804	54 S
K11Uc5E	17.3	0.15	K11AQ	5.163	63.560	324.821	8.826	0.24978	3.13527	27 S
K11Uc8F	18.9	0.15	K11AQ	12.877	261.432	114.507	6.243	0.30779	2.55495	28 X
K11Ud0V	16.9	0.15	K11A6	337.280	261.937	156.870	12.342	0.03142	2.99641	59 S
K11Ud2A	16.6	0.15	K11AQ	4.035	313.187	82.120	6.276	0.16313	3.15735	26 S
K11Ue0V	16.6	0.15	K11AQ	20.017	328.107	46.577	14.967	0.16487	3.05490	29 S
K11Ue0X	16.9	0.15	K11AQ	0.056	108.922	285.678	11.831	0.18896	2.66118	16 S
K11Ue0Y	17.9	0.15	K11AQ	18.101	89.917	269.346	8.954	0.32982	2.57685	33 S
K11Ue1A	17.1	0.15	K11AQ	32.677	168.160	190.217	1.979	0.19249	3.10780	29 S
K11Ue1D	17.2	0.15	K11AQ	29.722	327.038	38.317	3.962	0.17566	2.97421	29 S
K11Ue1F	18.7	0.15	K11AQ	9.938	345.504	44.343	5.400	0.17884	2.18221	31 S
K11Ue1G	20.7	0.15	K11AQ	28.001	97.725	261.911	3.234	0.16834	2.20289	28 S
K11Ue1J	16.6	0.15	K11AQ	192.354	169.526	45.319	23.492	0.02566	3.16632	29 S
K11Ue1K	17.6	0.15	K11AQ	8.240	170.414	222.661	8.544	0.14357	2.37634	31 S
K11Ue1L	16.8	0.15	K11AQ	9.592	341.634	53.165	9.910	0.08619	3.08019	27 S
K11Ue1M	15.9	0.15	K11AQ	91.999	35.857	249.946	10.706	0.29657	3.00855	30 S
K11Ue1O	19.4	0.15	K11AQ	345.787	150.986	272.221	5.240	0.23718	2.44424	12 S
K11Ue1P	18.4	0.15	K11AQ	30.946	3.658	352.377	1.732	0.20945	2.70737	28 S
K11Ue1R	16.8	0.15	K11AQ	347.121	10.862	55.018	4.705	0.11830	3.00444	32 W
K11Ue1S	17.3	0.15	K11AQ	337.613	20.869	69.692	14.632	0.16574	2.78046	26 S
K11Ue1U	15.9	0.15	K11AQ	13.858	334.805	59.899	2.075	0.18153	3.99076	31 X
K11Ue1W	17.4	0.15	K11AQ	298.392	236.054	235.614	7.105	0.05551	3.03094	25 S
K11Ue1Z	16.4	0.15	K11AQ	30.775	21.782	346.316	7.870	0.12342	2.90275	22 S
K11Ue2A	16.4	0.15	K11AQ	350.605	241.112	172.151	14.590	0.11049	2.98748	27 X
K11Ue2B	17.0	0.15	K11AQ	53.088	292.098	35.325	9.168	0.18363	2.54871	19 S
K11V00H	17.4	0.15	K11A6	353.121	355.032	53.429	8.609	0.19523	2.35280	56 X
K11V05F	15.6	0.15	K11AQ	328.833	197.874	249.772	16.018	0.18021	3.12273	22 S
K11V05Y	17.9	0.15	K11A6	47.653	180.289	132.049	9.995	0.16024	2.20473	53 S
K11V06N	16.9	0.15	K11AQ	331.325	25.259	81.903	11.400	0.38538	3.27417	28 W
K11V06S	17.9	0.15	K11AQ	23.666	264.963	102.893	6.320	0.20736	2.30353	28 X
K11V06Y	17.0	0.15	K11AQ	21.958	181.016	192.555	8.299	0.18982	2.69144	25 X
K11V08Y	17.7	0.15	K11A6	347.309	289.757	119.540	11.180	0.23135	3.10880	60 S
K11V09B	18.3	0.15	K11AQ	28.730	166.674	179.390	14.230	0.26440	2.59311	21 S
K11V09W	17.9	0.15	K11AQ	281.383	273.905	223.346	10.483	0.18962	2.37266	26 S
K11V10M	16.9	0.15	K11BF	317.715	61.313	51.112	8.906	0.18373	3.24990	7 W
K11V10O	17.2	0.15	K11BF	55.331	281.369	53.945	22.300	0.21079	2.87524	7 X
K11V10T	17.8	0.15	K11AQ	329.869	44.165	63.958	24.770	0.30684	2.35941	23 S
K11V10Y	17.9	0.15	K11AQ	62.311	292.215	20.029	1.571	0.18906	2.38747	32 S
K11V12O	18.1	0.15	K11BF	356.500	159.305	258.557	14.688	0.08404	1.79720	7 X
K11V12Q	18.2	0.15	K11AQ	349.552	165.789	262.277	6.121	0.39935	2.63472	20 X
K11V13L	17.0	0.15	K11BF	325.315	226.896	227.564	10.159	0.08582	2.39077	7 X

K11V14L	15.8	0.15	K11BF	40.813	279.470	70.961	12.485	0.21279	2.64598	7	X
K11V14Q	19.1	0.15	K11BF	337.091	244.426	212.437	0.078	0.37468	2.45436	7	X
K11V17Y	16.4	0.15	K11BF	117.161	223.907	61.498	7.608	0.13899	2.68551	7	W
K11W02H	16.8	0.15	K11AQ	56.644	331.777	359.873	1.339	0.20311	3.04521	31	X
K11W04B	16.5	0.15	K11BF	181.148	196.477	37.610	3.477	0.24188	2.51958	6	X
K11W04C	15.8	0.15	K11BF	46.901	294.332	48.415	10.589	0.09201	3.09429	5	X
K11W04J	15.7	0.15	K11BF	325.915	30.576	50.253	8.701	0.12169	3.26394	4	W
K11W04L	14.4	0.15	K11BF	145.833	16.884	233.696	23.379	0.42248	2.89185	7	W
K11W04M	15.4	0.15	K11AQ	4.082	148.679	253.988	17.762	0.21490	3.08651	21	X
K11W04N	19.3	0.15	K11BF	314.727	75.688	31.713	22.560	0.07311	1.91479	4	X
K11W05R	18.7	0.15	K11BF	223.323	276.121	280.107	17.568	0.07825	1.95775	3	S
K11W06Z	15.9	0.15	K11BF	116.046	30.501	239.106	16.607	0.34723	2.66314	6	W
K11W11X	17.0	0.15	K11BF	354.437	196.797	225.097	4.607	0.08619	2.37315	7	W
K11W13Y	17.9	0.15	K11BF	344.997	175.005	257.181	4.770	0.13526	2.20957	6	X
K11W14L	17.3	0.15	K11BF	16.614	316.784	78.338	23.573	0.07549	1.92249	6	S

New observations:

K01U05E	C2011	11	16.29931	03	12	11.772+22	02	55.59	19.7	gLEW037F51
K01U05E	C2011	11	16.31078	03	12	10.640+22	02	57.28	19.8	gLEW037F51
K01Y04E	mC2011	11	22.45868	10	35	31.14	+28	51 09.3		oEW037291
K01Y04E	mC2011	11	22.46194	10	35	31.08	+28	51 14.0		oEW037291
K01Y04E	mC2011	11	22.46520	10	35	30.96	+28	51 19.0		oEW037291
K04Q07J	C2011	11	22.12083	21	46	50.25	+11	38 27.9	18.5	cEW037704
K04Q07J	C2011	11	22.13360	21	46	49.40	+11	39 13.4	18.9	cEW037704
K04Q07J	C2011	11	22.14643	21	46	48.55	+11	39 58.6	18.8	cEW037704
K04Q07J	C2011	11	22.15928	21	46	47.67	+11	40 44.6	18.7	cEW037704
K04Q07J	C2011	11	22.17204	21	46	46.84	+11	41 30.0	18.8	cEW037704
K06M10J	C2011	11	22.35554	11	10	41.97	-55	58 27.9	20.9	VoEW037807
K06M10J	C2011	11	22.35902	11	10	41.15	-55	58 19.3	19.5	VoEW037807
K06M10J	C2011	11	22.36248	11	10	40.44	-55	58 11.3	20.5	VoEW037807
K06SJ8L	C2011	11	22.30512	08	57	44.29	-12	56 59.5	20.2	VoEW037807
K06SJ8L	C2011	11	22.30878	08	57	44.51	-12	57 02.0	20.3	VoEW037807
K06SJ8L	C2011	11	22.31241	08	57	44.71	-12	57 04.8	20.2	VoEW037807
K06SJ8L	C2011	11	22.31578	08	57	44.90	-12	57 07.3	20.5	VoEW037807
K06SJ8L	C2011	11	22.31941	08	57	45.10	-12	57 10.0	20.6	VoEW037807
K06SJ8L	C2011	11	22.32408	08	57	45.39	-12	57 13.4	20.4	VoEW037807
K06V13Y	C2011	11	22.35082	08	22	47.82	+12	15 59.0	18.8	VoEW037807
K06V13Y	C2011	11	22.35513	08	22	48.49	+12	15 55.9	19.0	VoEW037807
K06V13Y	C2011	11	22.35945	08	22	49.16	+12	15 53.2	19.0	VoEW037807
K06V13Y	C2011	11	22.36435	08	22	49.92	+12	15 49.6	19.0	VoEW037807
K06V13Y	C2011	11	22.38216	08	22	53.04	+12	15 27.6	18.8	VrEW037703
K06V13Y	C2011	11	22.39243	08	22	54.73	+12	15 20.4	18.8	VrEW037703
K06V13Y	C2011	11	22.40270	08	22	56.24	+12	15 13.6	18.6	VrEW037703
K06W03O	KC2011	11	21.97210	07	07	17.01	+41	37 10.3	19.1	RrEW037A17
K06W03O	KC2011	11	21.98380	07	07	09.64	+41	36 36.0	18.9	RrEW037A17
K06W03O	KC2011	11	21.99258	07	07	04.05	+41	36 10.3	18.9	RrEW037A17
K10L14J	C2011	11	22.33878	11	11	54.25	-08	32 03.3	19.6	VoEW037807
K10L14J	C2011	11	22.34312	11	11	55.24	-08	32 07.9	19.7	VoEW037807
K10L14J	C2011	11	22.34746	11	11	56.22	-08	32 12.3	19.7	VoEW037807
K10L14J	C2011	11	22.35177	11	11	57.19	-08	32 17.0	19.7	VoEW037807
K10L14J	C2011	11	22.35608	11	11	58.18	-08	32 21.5	19.9	VoEW037807
K10L14J	C2011	11	22.36039	11	11	59.17	-08	32 26.3	19.7	VoEW037807
K11G03H	C2011	11	22.38576	07	07	46.42	+10	38 21.8	18.9	cEW037704
K11G03H	C2011	11	22.39852	07	07	44.00	+10	38 33.1	19.4	cEW037704
K11G03H	C2011	11	22.42432	07	07	39.30	+10	38 55.7	19.6	cEW037704
K11G03H	C2011	11	22.43717	07	07	36.91	+10	39 05.2	20.1	cEW037704
K11G55A	C2011	08	27.19247122	04	45.18	-02	51	30.6	16.7	VoEW037H21
K11G55A	C2011	08	27.20551622	04	44.55	-02	51	16.6	16.8	VoEW037H21
K11G55A	C2011	08	27.21775422	04	43.95	-02	51	03.5	16.8	VoEW037H21
K11G55A	C2011	08	27.22476922	04	43.61	-02	50	56.1	17.1	VoEW037H21
K11G55A	C2011	08	27.23939022	04	42.90	-02	50	40.5	16.8	VoEW037H21
K11G55A	C2011	08	27.24725522	04	42.52	-02	50	32.0	16.9	VoEW037H21

K11G55A	C2011	08	27.25948922	04	41.92	-02	50	19.0	16.9	VoEW037H21	
K11G55A	C2011	08	27.27236522	04	41.29	-02	50	05.1	16.9	VoEW037H21	
K11G55A	C2011	08	27.27513922	04	41.16	-02	50	02.1	16.8	VoEW037H21	
K11G55A	C2011	08	27.28439622	04	40.72	-02	49	52.5	17.1	VoEW037H21	
K11G55A	C2011	08	27.29069622	04	40.41	-02	49	45.6	17.0	VoEW037H21	
K11G55A	C2011	08	27.29624522	04	40.15	-02	49	39.5	17.4	VoEW037H21	
K11G55A	C2011	08	27.30269222	04	39.84	-02	49	32.7	16.9	VoEW037H21	
K11G55A	C2011	08	27.30370822	04	39.79	-02	49	31.6	17.0	VoEW037H21	
K11G55A	C2011	08	27.30921222	04	39.53	-02	49	25.7	16.8	VoEW037H21	
K11G55A	C2011	08	27.31476022	04	39.26	-02	49	19.8	16.9	VoEW037H21	
K11G55A	C2011	08	27.32965422	04	38.57	-02	49	04.2	16.5	VoEW037H21	
K11N00Y	C2011	11	22.20694	03	55	36.59	+23	25	44.3	19.2	RuEW037H15
K11N00Y	C2011	11	22.22263	03	55	35.17	+23	25	25.8	19.5	RuEW037H15
K11N00Y	C2011	11	22.23865	03	55	33.72	+23	25	07.4	19.3	RuEW037H15
K11N00Y	C2011	11	22.25478	03	55	32.32	+23	24	49.2	19.5	RuEW037H15
K11S15Z	C2011	11	22.24612	02	23	31.52	-54	06	44.7	21.6	VoEW037807
K11S15Z	C2011	11	22.25697	02	23	35.60	-54	06	23.5	21.5	VoEW037807
K11S16G	HC2011	11	23.18253	23	39	19.45	+20	15	24.2		oEW037291
K11S16G	HC2011	11	23.18451	23	39	19.74	+20	15	25.9		oEW037291
K11S16G	HC2011	11	23.18649	23	39	20.02	+20	15	27.1		oEW037291
K11S69R	C2011	11	22.32105	05	02	20.84	+09	31	46.5	16.8	cEW037704
K11S69R	C2011	11	22.33379	05	02	25.77	+09	31	04.4	16.9	cEW037704
K11S69R	C2011	11	22.34649	05	02	30.71	+09	30	22.2	17.2	cEW037704
K11S69R	C2011	11	22.35938	05	02	35.70	+09	29	39.2	17.0	cEW037704
K11S69R	C2011	11	22.37208	05	02	40.62	+09	28	57.2	17.0	cEW037704
K11T09N	C2011	11	22.21225	03	04	41.80	+03	12	45.6	19.0	VrEW037703
K11T09N	C2011	11	22.21905	03	04	42.31	+03	12	49.8	19.3	VrEW037703
K11T09N	C2011	11	22.22596	03	04	42.92	+03	12	53.8	18.9	VrEW037703
K11T09N	C2011	11	22.23282	03	04	43.35	+03	12	59.3	18.5	VrEW037703
K11T09N	C2011	11	22.38481	03	04	55.898	+03	14	32.40	19.9	wLEW037F51
K11T09N	C2011	11	22.43609	03	04	59.453	+03	15	01.60	19.6	wLEW037F51
K11T09N	C2011	11	22.45052	03	05	00.464	+03	15	09.76	19.7	wLEW037F51
K11UB4X	HC2011	11	22.48258	05	28	02.06	-01	38	53.8		oEW037291
K11UB4X	HC2011	11	22.48770	05	28	02.33	-01	38	55.3		oEW037291
K11UB4X	HC2011	11	22.49279	05	28	02.62	-01	38	56.6		oEW037291
K11UF8U	C2011	11	22.28473	03	42	57.88	+09	10	28.0	19.0	VrEW037703
K11UF8U	C2011	11	22.29256	03	42	57.27	+09	10	35.8	18.6	VrEW037703
K11UF8U	C2011	11	22.30050	03	42	56.77	+09	10	45.0	19.2	VrEW037703
K11UF8U	C2011	11	22.30844	03	42	56.19	+09	10	52.3	18.6	VrEW037703
K11UP5Y	C2011	11	22.27105	02	55	13.15	-61	11	32.2	20.7	VoEW037807
K11UP5Y	C2011	11	22.27644	02	55	14.40	-61	12	07.9	20.5	VoEW037807
K11UP5Y	C2011	11	22.28170	02	55	15.57	-61	12	43.4	20.6	VoEW037807
K11UP6G	C2011	11	22.37721	02	36	03.606	+00	57	18.44	20.9	wLEW037F51
K11UP6G	C2011	11	22.42837	02	36	03.520	+00	55	19.01	20.8	wLEW037F51
K11UP6G	C2011	11	22.44276	02	36	03.514	+00	54	45.45	20.8	wLEW037F51
K11UR5Z	KC2011	11	21.82686	02	26	30.95	+29	47	23.3	18.6	RrEW037A17
K11UR5Z	KC2011	11	21.83467	02	26	30.78	+29	48	26.2	18.5	RrEW037A17
K11UR5Z	KC2011	11	21.84248	02	26	30.60	+29	49	28.7	18.6	RrEW037A17
K11UU5E	HC2011	11	22.46828	08	52	06.33	+30	32	43.2		oEW037291
K11UU5E	HC2011	11	22.47049	08	52	05.87	+30	32	44.0		oEW037291
K11UU5E	HC2011	11	22.47273	08	52	05.30	+30	32	44.4		oEW037291
K11V00B	mC2011	11	22.49782	06	54	57.92	+38	49	46.2		oEW037291
K11V00B	mC2011	11	22.49935	06	54	58.64	+38	49	41.1		oEW037291
K11V00B	mC2011	11	22.50086	06	54	59.57	+38	49	34.8		oEW037291
K11V05O	HC2011	11	23.21707	23	52	06.18	-01	38	05.8		oEW037291
K11V05O	HC2011	11	23.21905	23	52	06.34	-01	38	10.2		oEW037291
K11V05O	HC2011	11	23.22102	23	52	06.49	-01	38	13.4		oEW037291
K11V05Q	HC2011	11	23.22433	00	46	12.44	+08	30	18.5		oEW037291
K11V05Q	HC2011	11	23.22957	00	46	12.16	+08	30	19.9		oEW037291
K11V05Q	HC2011	11	23.23479	00	46	11.93	+08	30	20.9		oEW037291
K11V05U	KC2011	11	23.15199	13	42	20.64	+53	28	09.9		uEW037J95
K11V05U	KC2011	11	23.15842	13	42	23.24	+53	28	08.8		uEW037J95

K11V05U	KC2011	11	23.16527	13	42	25.99	+53	28	07.0	19.5	RuEW037J95
K11V05W	KC2011	11	22.02010	09	25	31.74	+58	11	52.8	19.1	RoEW037A17
K11V05W	IC2011	11	22.03181	09	25	32.21	+58	12	00.5		oEW037A17
K11V05W	IC2011	11	22.04353	09	25	32.75	+58	12	07.0		oEW037A17
K11V09G	HC2011	11	22.43934	03	09	33.20	+17	38	58.5		oEW037291
K11V09G	HC2011	11	22.44167	03	09	32.87	+17	38	57.5		oEW037291
K11V09G	HC2011	11	22.44400	03	09	32.56	+17	38	55.2		oEW037291
K11V12P	C2011	11	22.01584	23	30	57.57	+04	14	40.0	19.6	VoEW037807
K11V12P	C2011	11	22.01760	23	30	58.25	+04	14	39.0	19.5	VoEW037807
K11V12P	C2011	11	22.01932	23	30	58.87	+04	14	37.8	20.0	VoEW037807
K11V12P	C2011	11	22.02105	23	30	59.52	+04	14	36.8	20.0	VoEW037807
K11V12P	C2011	11	22.02277	23	31	00.14	+04	14	35.6	19.7	VoEW037807
K11V12P	C2011	11	22.02483	23	31	00.91	+04	14	34.4	20.3	VoEW037807
K11V12P	C2011	11	22.78478	23	35	53.32	+04	05	47.7		oEW037246
K11V12P	C2011	11	22.78553	23	35	53.60	+04	05	46.4		oEW037246
K11V12P	C2011	11	22.78881	23	35	54.86	+04	05	44.7		oEW037246
K11W00A	 C2011	11	23.20760	23	57	38.44	+29	05	10.3	18.4	RoEW037695
K11W00A	 C2011	11	23.20827	23	57	38.14	+29	05	13.7	18.3	RoEW037695
K11W00A	 C2011	11	23.20893	23	57	37.83	+29	05	17.3	18.3	RoEW037695
K11W00C	C2011	11	22.15208	02	15	32.26	+01	35	29.4	20.7	VoEW037807
K11W00C	C2011	11	22.15569	02	15	32.17	+01	35	16.6	20.3	VoEW037807
K11W00C	C2011	11	22.15929	02	15	32.11	+01	35	04.3	20.3	VoEW037807
K11W00C	C2011	11	22.16287	02	15	32.03	+01	34	51.7	20.3	VoEW037807
K11W00C	C2011	11	22.16642	02	15	31.97	+01	34	39.1	20.1	VoEW037807
K11W00D	C2011	11	22.20535	03	43	36.10	+12	46	06.1	20.4	VoEW037807
K11W00D	C2011	11	22.21476	03	43	37.72	+12	45	23.3	20.9	VoEW037807
K11W00D	C2011	11	22.22441	03	43	39.41	+12	44	39.9	20.2	VoEW037807
K11W02L	C2011	11	22.18585	03	28	47.32	-21	29	53.4	18.8	VoEW037807
K11W02L	C2011	11	22.18793	03	28	47.04	-21	29	53.5	18.9	VoEW037807
K11W02L	C2011	11	22.19002	03	28	46.77	-21	29	53.6	19.0	VoEW037807
K11W02L	C2011	11	22.19210	03	28	46.49	-21	29	53.6	18.9	VoEW037807
K11W02L	C2011	11	22.19417	03	28	46.22	-21	29	53.7	18.8	VoEW037807
K11W02L	C2011	11	22.19624	03	28	45.94	-21	29	53.8	18.9	VoEW037807
K11W02L	C2011	11	22.19871	03	28	45.60	-21	29	53.8	18.9	VoEW037807
K11W02M	KC2011	11	21.77284	01	06	56.05	-03	05	58.7	18.5	RrEW037A17
K11W02M	KC2011	11	21.78066	01	06	56.28	-03	05	16.9	18.2	RrEW037A17
K11W02M	KC2011	11	21.78847	01	06	56.54	-03	04	34.7	18.4	RrEW037A17
K11W02M	C2011	11	22.01557	01	07	06.01	-02	43	36.7	18.8	VoEW037807
K11W02M	C2011	11	22.01728	01	07	06.06	-02	43	27.6	19.2	VoEW037807
K11W02M	C2011	11	22.01903	01	07	06.10	-02	43	18.3	19.0	VoEW037807
K11W02M	C2011	11	22.02076	01	07	06.16	-02	43	09.1	19.1	VoEW037807
K11W02M	C2011	11	22.02246	01	07	06.20	-02	43	00.1	19.2	VoEW037807
K11W02M	C2011	11	22.02416	01	07	06.26	-02	42	51.0	19.3	VoEW037807
K11W02M	C2011	11	22.02586	01	07	06.30	-02	42	41.9	19.2	VoEW037807
K11W02M	C2011	11	22.02924	01	07	06.40	-02	42	24.0	19.1	VoEW037807
K11W02N	C2011	11	22.01741	02	03	32.20	-08	09	18.2	19.1	VoEW037807
K11W02N	C2011	11	22.01912	02	03	34.38	-08	09	49.1	19.2	VoEW037807
K11W02N	C2011	11	22.02082	02	03	36.52	-08	10	19.5	19.1	VoEW037807
K11W02N	C2011	11	22.02252	02	03	38.67	-08	10	50.2	19.2	VoEW037807
K11W02N	C2011	11	22.02422	02	03	40.81	-08	11	20.7	19.2	VoEW037807
K11W02N	C2011	11	22.02547	02	03	42.42	-08	11	43.7	19.3	VoEW037807
K11W02R	C2011	11	22.11639	02	49	05.80	-02	36	38.6	20.6	VoEW037807
K11W02R	C2011	11	22.12073	02	49	03.32	-02	38	04.7	20.7	VoEW037807
K11W02R	C2011	11	22.12548	02	49	00.58	-02	39	39.7	20.6	VoEW037807
K11W02S	HC2011	11	23.06456	17	41	55.48	+42	04	31.1		oEW037291
K11W02S	HC2011	11	23.06608	17	41	55.86	+42	04	34.8		oEW037291
K11W02S	HC2011	11	23.06759	17	41	56.28	+42	04	38.3		oEW037291
K11W02V	KC2011	11	21.93333	04	07	49.34	+16	51	15.2	19.2	RrEW037A17
K11W02V	KC2011	11	21.94479	04	07	48.36	+16	50	37.4		rEW037A17
K11W02V	KC2011	11	21.95676	04	07	47.24	+16	49	58.0	19.3	RrEW037A17
K11W02V	C2011	11	22.17097	04	07	29.26	+16	38	38.9	18.8	VoEW037807
K11W02V	C2011	11	22.17475	04	07	28.90	+16	38	26.1	19.8	VoEW037807

K11W02V	C2011	11	22.17849	04	07	28.55	+16	38	13.8	18.4	VoEW037807
K11W02V	C2011	11	22.18225	04	07	28.22	+16	38	01.9	18.6	VoEW037807
K11W04O	C2011	11	22.01849	21	52	57.82	+09	27	45.7	19.5	VoEW037807
K11W04O	C2011	11	22.02103	21	52	58.26	+09	27	18.7	19.7	VoEW037807
K11W04O	C2011	11	22.02356	21	52	58.70	+09	26	52.2	19.5	VoEW037807
K11W04O	C2011	11	22.02608	21	52	59.13	+09	26	25.7	19.5	VoEW037807
K11W04O	C2011	11	22.02860	21	52	59.57	+09	25	59.0	19.4	VoEW037807
K11W04O	C2011	11	22.03073	21	52	59.92	+09	25	36.3	19.5	VoEW037807
K11W04P	KC2011	11	21.89555	03	26	05.81	+07	33	12.7	18.7	RrEW037A17
K11W04P	KC2011	11	21.90344	03	26	06.89	+07	30	38.4	18.4	RrEW037A17
K11W04P	KC2011	11	21.90929	03	26	07.68	+07	28	43.8		rEW037A17
K11W04P	C2011	11	22.12909	03	27	18.26	+06	22	29.3	18.9	VoEW037807
K11W04P	C2011	11	22.13059	03	27	18.45	+06	21	54.1	19.1	VoEW037807
K11W04P	C2011	11	22.13221	03	27	18.64	+06	21	16.3	18.8	VoEW037807
K11W04P	C2011	11	22.13775	03	27	19.31	+06	19	06.7	19.2	VoEW037807
K11W04P	C2011	11	22.14204	03	27	19.80	+06	17	26.0	19.2	VoEW037807
K11W04P	C2011	11	22.14633	03	27	20.32	+06	15	45.0	19.1	VoEW037807
K11W04P	C2011	11	22.14849	03	27	20.57	+06	14	53.8	19.1	VoEW037807
K11W04P	KC2011	11	22.89340103	33	41.01	-01	14	05.3		17.6	RuEW037J95
K11W04P	KC2011	11	22.89681403	33	42.81	-01	16	59.6		17.8	RuEW037J95
K11W04P	KC2011	11	22.89972303	33	44.31	-01	19	28.2		17.7	RuEW037J95
K11W04P	KC2011	11	22.90307003	33	46.06	-01	22	20.2		17.6	RuEW037J95
K11W04P	KC2011	11	22.90600803	33	47.58	-01	24	51.2		17.8	RuEW037J95
K11W04P	KC2011	11	23.10203	03	35	31.62	-04	34	06.9	16.9	RtEW037204
K11W04P	KC2011	11	23.10418	03	35	33.20	-04	36	27.7		tEW037204
K11W04P	KC2011	11	23.11348	03	35	40.03	-04	46	42.6		tEW037204
K11W04P	KC2011	11	23.13307803	36	03.90	-05	09	54.4			uEW037J95
K11W04P	KC2011	11	23.13694503	36	06.91	-05	14	19.1			uEW037J95
K11W04P	KC2011	11	23.14126803	36	10.37	-05	19	15.7		17.6	RuEW037J95
K11W04Q	C2011	11	22.29061	07	48	18.60	+02	17	34.4	19.1	VoEW037807
K11W04Q	C2011	11	22.29130	07	48	25.64	+02	17	21.9	19.1	VoEW037807
K11W04Q	C2011	11	22.29198	07	48	32.63	+02	17	09.6	18.9	VoEW037807
K11W04Q	KC2011	11	23.09191109	40	15.80	-01	26	02.4		19.2	RuEW037J95
K11W04Q	KC2011	11	23.10145209	41	11.02	-01	27	37.5		18.8	RuEW037J95
K11W04Q	KC2011	11	23.11134009	42	07.63	-01	29	15.8		19.3	RuEW037J95
K11W04Q	KC2011	11	23.17358609	47	51.03	-01	39	10.2			uEW037J95
K11W04Q	HC2011	11	23.17845009	48	16.97	-01	39	56.5		19.0	RuEW037J95
K11W04V	KC2011	11	21.79991	02	25	28.98	+36	31	02.3	19.9	RrEW037A17
K11W04V	KC2011	11	21.80775	02	25	27.96	+36	31	16.9	19.1	RrEW037A17
K11W04V	IC2011	11	21.81677	02	25	26.87	+36	31	34.3		rEW037A17
K11W04W	KC2011	11	21.85578	03	00	21.81	+34	44	37.0	19.2	RrEW037A17
K11W04W	KC2011	11	21.86749	03	00	20.96	+34	44	29.2	19.4	RrEW037A17
K11W04W	KC2011	11	21.87920	03	00	20.09	+34	44	21.6	19.4	RrEW037A17
01943	C2011	11	22.29335	02	54	27.862	+20	58	43.69	17.9	gLEW037F51
01943	C2011	11	22.30480	02	54	26.671	+20	58	33.15	17.4	gLEW037F51
02201	C2011	11	22.25445	02	32	58.55	+12	34	27.9	16.8	cEW037704
02201	C2011	11	22.26714	02	32	56.66	+12	34	20.2	16.9	cEW037704
02201	C2011	11	22.27981	02	32	54.78	+12	34	12.5	16.8	cEW037704
02201	C2011	11	22.29247	02	32	52.89	+12	34	04.9	16.8	cEW037704
02201	C2011	11	22.30514	02	32	51.03	+12	33	57.1	17.0	cEW037704
02212	C2011	11	16.29612	03	15	45.076	+25	01	50.33	19.5	gLEW037F51
02212	C2011	11	16.30761	03	15	44.265	+25	01	47.90	19.4	gLEW037F51
02368	C2011	11	22.44163	07	52	55.84	+22	37	03.3	18.9	VrEW037G96
02368	C2011	11	22.44692	07	52	55.74	+22	37	03.1	19.0	VrEW037G96
02368	C2011	11	22.45220	07	52	55.59	+22	37	03.0	19.4	VrEW037G96
02368	C2011	11	22.45745	07	52	55.48	+22	37	02.8	19.6	VrEW037G96
03352	C2011	11	22.42284	09	26	23.60	+11	48	00.0	17.1	VrEW037703
03352	C2011	11	22.43310	09	26	25.87	+11	47	53.1	17.1	VrEW037703
03352	C2011	11	22.44347	09	26	28.21	+11	47	46.1	17.1	VrEW037703
03352	C2011	11	22.45147	09	26	29.94	+11	47	40.9	17.1	cEW037704
03352	C2011	11	22.45389	09	26	30.51	+11	47	39.2	17.1	VrEW037703
03352	C2011	11	22.46451	09	26	32.83	+11	47	32.1	17.4	cEW037704

03352	C2011	11	22.47748	09	26	35.72	+11	47	23.2	17.5	cEW037704
03352	C2011	11	22.49041	09	26	38.60	+11	47	14.8	17.4	cEW037704
03352	C2011	11	22.50316	09	26	41.45	+11	47	06.5	17.5	cEW037704
03988	C2011	11	22.24876	01	40	38.34	+10	52	43.9	18.0	cEW037704
03988	C2011	11	22.26144	01	40	38.71	+10	52	30.2	18.5	cEW037704
03988	C2011	11	22.27412	01	40	39.12	+10	52	16.6	18.1	cEW037704
03988	C2011	11	22.28679	01	40	39.48	+10	52	02.8	18.1	cEW037704
03988	C2011	11	22.29945	01	40	39.83	+10	51	48.5	18.4	cEW037704
04486	HC2011	11	23.16315	04	45	54.28	+21	25	22.6		oEW037691
04486	HC2011	11	23.18097	04	45	53.15	+21	25	20.5		oEW037691
04486	HC2011	11	23.19878	04	45	52.00	+21	25	18.8		oEW037691
06050	C2011	11	22.46159	09	58	46.66	+16	10	04.4	18.4	VrEW037703
06050	C2011	11	22.46895	09	58	47.13	+16	10	04.8	18.6	VrEW037703
06050	C2011	11	22.47644	09	58	47.53	+16	10	03.7	18.3	VrEW037703
06050	C2011	11	22.48390	09	58	47.89	+16	10	04.2	18.2	VrEW037703
07341	KC2011	11	16.77572	22	49	31.78	+14	09	21.4	16.0	RuEW037160
07341	KC2011	11	16.77852	22	49	31.57	+14	09	19.4	16.0	RuEW037160
07341	KC2011	11	16.78128	22	49	31.36	+14	09	17.7	15.7	RuEW037160
26760	C2011	11	22.64379	03	25	28.71	+00	28	47.6	18.6	RrEW037D29
26760	C2011	11	22.65979	03	25	27.67	+00	28	46.7	19.0	RrEW037D29
26760	C2011	11	22.67580	03	25	26.66	+00	28	45.7	18.8	RrEW037D29
37336	C2011	11	22.12726	22	42	39.08	+09	51	57.3	17.7	cEW037704
37336	C2011	11	22.14001	22	42	42.75	+09	51	23.8	17.2	cEW037704
37336	C2011	11	22.15286	22	42	46.49	+09	50	52.0	17.0	cEW037704
37336	C2011	11	22.16571	22	42	50.25	+09	50	20.1	17.2	cEW037704
37336	C2011	11	22.17850	22	42	53.95	+09	49	48.7	16.9	cEW037704
42286	C2011	11	22.24089	03	33	54.54	+21	22	15.3	17.5	VrEW037703
42286	C2011	11	22.24145	03	33	54.43	+21	22	15.2	17.5	VrEW037703
42286	C2011	11	22.25051	03	33	52.95	+21	22	21.1	17.8	VrEW037703
42286	C2011	11	22.25109	03	33	52.88	+21	22	20.9	17.5	VrEW037703
42286	C2011	11	22.26030	03	33	51.37	+21	22	26.5	17.6	VrEW037703
42286	C2011	11	22.26088	03	33	51.33	+21	22	26.4	17.5	VrEW037703
42286	C2011	11	22.27062	03	33	49.75	+21	22	32.0	17.5	VrEW037703
54071	C2011	11	22.26264	23	38	18.397	-08	10	40.75	19.0	zLEW037F51
54071	C2011	11	22.27385	23	38	18.220	-08	10	22.88	19.1	zLEW037F51
54071	C2011	11	22.77347	23	38	13.35	-07	57	08.5		oEW037246
54071	C2011	11	22.77404	23	38	13.33	-07	57	07.8		oEW037246
54071	C2011	11	22.77742	23	38	13.32	-07	57	01.9		oEW037246
54071	C2011	11	22.77799	23	38	13.32	-07	57	01.4		oEW037246
54071	C2011	11	22.78022	23	38	13.31	-07	56	58.0		oEW037246
66407	C2011	11	22.49477	10	27	42.69	+05	56	10.6	19.8	VrEW037703
66407	C2011	11	22.50329	10	27	44.64	+05	56	19.9	19.5	VrEW037703
66407	C2011	11	22.51190	10	27	46.51	+05	56	30.5	19.7	VrEW037703
66407	C2011	11	22.52052	10	27	48.42	+05	56	41.6	19.9	VrEW037703
85713	C2011	11	22.20527	23	03	46.490	-13	58	12.45	19.5	zLEW037F51
85713	C2011	11	22.21591	23	03	46.440	-13	58	08.24	19.5	zLEW037F51
87684	C2011	11	23.01778	21	20	14.27	-25	23	14.3	17.9	RoEW037844
87684	C2011	11	23.02100	21	20	14.92	-25	23	11.8	18.9	RoEW037844
87684	C2011	11	23.02514	21	20	15.89	-25	23	10.3	18.4	RoEW037844
87684	C2011	11	23.03258	21	20	17.42	-25	23	04.2	18.6	RoEW037844
90075	C2011	11	22.20898	01	27	51.86	+11	39	55.1	19.2	cEW037704
90075	C2011	11	22.22183	01	27	51.45	+11	39	48.5	19.4	cEW037704
90075	C2011	11	22.23452	01	27	50.86	+11	39	44.8	19.8	cEW037704
90075	C2011	11	22.24728	01	27	50.39	+11	39	38.5	19.2	cEW037704
D6923	C2011	11	22.24089	03	38	05.89	+21	43	35.4	16.0	VrEW037703
D6923	C2011	11	22.25051	03	38	05.02	+21	43	37.6	16.0	VrEW037703
D6923	C2011	11	22.26030	03	38	04.12	+21	43	39.8	16.0	VrEW037703
D6923	C2011	11	22.27006	03	38	03.26	+21	43	42.1	16.0	VrEW037703
D8852	C2011	11	22.25907	03	19	29.28	+09	56	17.2	17.8	cEW037704
D8852	C2011	11	22.27175	03	19	23.62	+09	57	38.6	18.0	cEW037704
D8852	C2011	11	22.28441	03	19	18.02	+09	59	00.2	17.8	cEW037704
D8852	C2011	11	22.29708	03	19	12.38	+10	00	21.5	17.7	cEW037704

D8852	C2011	11	22.31000	03	19	06.64	+10	01	44.7	17.7	cEW037704
E1498	C2011	11	22.42456	08	51	06.84	+13	23	55.3	18.4	VrEW037703
E1498	C2011	11	22.43483	08	51	05.79	+13	23	37.8	19.4	VrEW037703
E1498	C2011	11	22.44520	08	51	04.86	+13	23	21.3	19.2	VrEW037703
E1498	C2011	11	22.45560	08	51	03.92	+13	23	05.5	19.7	VrEW037703
E1498	C2011	11	22.46047	08	51	03.42	+13	22	57.4	19.8	cEW037704
E1498	C2011	11	22.47364	08	51	02.14	+13	22	36.8	19.9	cEW037704
E1498	C2011	11	22.48642	08	51	01.02	+13	22	15.0	19.9	cEW037704
E1498	C2011	11	22.49933	08	50	59.81	+13	21	55.1	20.0	cEW037704
E2348	C2011	11	22.42626	08	58	48.50	+10	08	59.5	18.8	VrEW037703
E2348	C2011	11	22.43659	08	58	50.23	+10	09	04.0	18.2	VrEW037703
E2348	C2011	11	22.44691	08	58	52.03	+10	09	08.1	17.9	VrEW037703
E2348	C2011	11	22.44861	08	58	52.25	+10	09	08.8	17.8	cEW037704
E2348	C2011	11	22.45733	08	58	53.79	+10	09	12.2	17.9	VrEW037703
E2348	C2011	11	22.47460	08	58	56.68	+10	09	18.9	18.2	cEW037704
E2348	C2011	11	22.48738	08	58	58.86	+10	09	24.3	18.5	cEW037704
E2348	C2011	11	22.50029	08	59	01.04	+10	09	29.5	18.6	cEW037704
G2273	C2011	11	22.28762	02	39	22.715	+17	41	05.71	19.3	gLEW037F51
G2273	C2011	11	22.29908	02	39	21.899	+17	40	50.06	19.4	gLEW037F51
K8617	KC2011	11	16.72216	21	02	47.81	+04	28	45.4	17.6	RuEW037160
K8617	KC2011	11	16.72451	21	02	49.44	+04	28	56.9	17.7	RuEW037160
K8617	KC2011	11	16.72689	21	02	51.06	+04	29	08.0	17.2	RuEW037160
K8617	C2011	11	22.12206	22	00	13.98	+10	43	11.6	17.8	cEW037704
K8617	C2011	11	22.13482	22	00	21.21	+10	43	56.1	18.0	cEW037704
K8617	C2011	11	22.14765	22	00	28.53	+10	44	41.7	18.1	cEW037704
K8617	C2011	11	22.16050	22	00	35.83	+10	45	25.8	18.4	cEW037704
K8617	C2011	11	22.17326	22	00	43.17	+10	46	12.9	18.6	cEW037704
R5714	C2011	11	22.42284	09	29	29.76	+12	43	43.4	19.0	VrEW037703
R5714	C2011	11	22.43310	09	29	29.97	+12	44	05.7	19.2	VrEW037703
R5714	C2011	11	22.44347	09	29	30.12	+12	44	27.8	19.6	VrEW037703
R7475	C2011	11	16.24449	00	11	48.381	-28	12	50.57	20.5	rLEW037F51
R7475	C2011	11	16.25473	00	11	48.400	-28	12	38.74	20.5	rLEW037F51
T7418	KC2011	11	16.75800	22	36	06.29	+17	02	23.1	18.9	RuEW037160
T7418	KC2011	11	16.76108	22	36	06.36	+17	02	20.3	18.1	RuEW037160
T7418	KC2011	11	16.76352	22	36	06.40	+17	02	18.7	18.0	RuEW037160
U2591	C2011	11	22.29399	02	41	50.580	+22	45	12.29	20.2	gLEW037F51
U2591	C2011	11	22.30543	02	41	50.088	+22	44	49.47	20.4	gLEW037F51
U2831	KC2011	11	16.80503	23	12	00.32	+38	17	20.1	17.9	RuEW037160
U2831	KC2011	11	16.80781	23	12	00.84	+38	17	21.1	17.8	RuEW037160
U2831	KC2011	11	16.81063	23	12	01.35	+38	17	22.1	18.1	RuEW037160
U3174	C2011	11	22.37929	02	50	00.284	-00	13	56.76	20.1	wLEW037F51
U3174	C2011	11	22.39360	02	49	59.451	-00	14	04.04	20.0	wLEW037F51
U3174	C2011	11	22.43049	02	49	57.299	-00	14	22.80	20.0	wLEW037F51
U3174	C2011	11	22.44488	02	49	56.462	-00	14	30.14	20.1	wLEW037F51
U4640	C2011	11	22.36710	03	52	36.98	+20	25	35.1	19.9	VrEW037G96
U4640	C2011	11	22.37234	03	52	36.26	+20	25	30.8	19.8	VrEW037G96
U4640	C2011	11	22.37763	03	52	35.54	+20	25	26.4	19.7	VrEW037G96
U4640	C2011	11	22.38287	03	52	34.82	+20	25	22.1	19.6	VrEW037G96
U5090	C2011	11	22.25690	02	57	32.01	+09	54	31.5	19.0	cEW037704
U5090	C2011	11	22.28224	02	57	29.59	+09	54	39.9	19.5	cEW037704
U5090	C2011	11	22.30783	02	57	27.08	+09	54	47.9	19.4	cEW037704

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