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MPEC 2014-U67 : DAILY ORBIT UPDATE (2014 OCT. 26 UT)

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M.P.E.C. 2014-U67

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DAILY ORBIT UPDATE (2014 OCT. 26 UT)

Update to [MPEC 2014-U54](#)

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

Erroneous identification:

K05Q56T K14U07P

E2014-U31

New identification:

J98G10L	K14U34W	MPCW
J98S97Y	K14U42R	MPCW
K01S87L	K14U53J	MPCW
K01S98X	K14U50N	MPCW
K01SY0J	K14U49G	MPCW
K01UA0O	K14U51S	MPCW
K01VC7D	K14U55S	MPCW
K03SC2X	K14U49N	MPCW
K03SK2K	K14U45A	MPCW
K03SR4H	K14U42M	MPCW
K03SW6H	K14U45C	MPCW
K04G81P	K14T36W	Sicolini
K04R62D	K14U52M	MPCW
K05U21C	K14U44O	MPCW
K05UC2L	K14U54O	MPCW
K05Ue6J	K14U37B	MPCW
K05Ug8N	K14U44R	MPCW
K05U18A	K14U40X	MPCW
K05WH2Q	K14U47O	MPCW
K05X58W	K14U44T	MPCW
K06R22N	K14U51Y	MPCW
K06SB2X	K14U54D	MPCW
K06SfOM	K14U48H	MPCW
K06UC1N	K14U36W	MPCW
K06W00Z	K14U49D	MPCW
K06WI3N	K14U54A	MPCW
K06X59P	K14U39V	MPCW
K07R28H	K14U52F	MPCW
K07RO4U	K14U45F	MPCW
K07TP5N	K14U41U	MPCW
K07TQ8V	K14U47T	MPCW
K07UE1T	K14U47L	MPCW
K07V82Z	K14U51O	MPCW
K07VN0B	K14U54B	MPCW
K08B36Z	K14U39D	MPCW
K08G46G	K14U49Z	MPCW

K08O07W	K14U42S	MPCW	
K08RBOM	K14U47C	MPCW	
K09U52Q	K14U46V	MPCW	
K09V65N	K14U49U	MPCW	
K10CJ2X	K13YD2M	Lopez	
K10TB0E	K14U46A	MPCW	
K10VH3D	K14U53X	MPCW	
K10VI6G	K14U43B	MPCW	
K10W17O	K14U43F	MPCW	
K11A76B	K14U42K	MPCW	
K12G02U	K14U48M	MPCW	
K12G10R	K14U40U	MPCW	
K12G20A	K14U48P	MPCW	
K12J08K	K14U47K	MPCW	
K12J15F	K14U45M	MPCW	
K13N00Z	K10A64Y	K14U45N	MPCW
K14T26K	J96R18S	K07V67E	Sicoli
K14T27J	K08F27G	Sicoli	
K14T33V	K13B16M	MPCS	
K14T40X	K09P13E	Sicoli	

New double designation:

K09W55O	K09Q50H	Lopez
K12J08K	K12L26Z	MPCW
K14T49C	K14Qh7R	Manca

New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
J88P01F	16.6	0.15	K14C9	22.014	45.822	305.097	4.293	0.45410	2.99425	3	X
J91J00N	18.3	0.15	K14C9	197.464	3.872	212.265	25.615	0.13566	1.83009	5	X
J93T05B	17.0	0.15	K14C9	51.056	112.256	218.145	28.615	0.33704	2.59841	5	X
J95S26W	18.3	0.15	K14C9	22.943	24.220	10.522	3.282	0.20573	2.41919	3	X
J95S34C	17.2	0.15	K14C9	8.870	218.022	170.184	3.623	0.08192	2.79950	6	X
J95U40L	17.0	0.15	K14C9	344.014	45.199	6.623	6.216	0.10397	2.43437	5	X
J95U52N	16.8	0.15	K14C9	342.582	67.893	7.186	4.733	0.13846	2.80049	6	X
J96T32J	17.5	0.15	K14C9	47.186	291.336	51.353	8.487	0.22769	2.71193	4	X
J97C12T	16.7	0.15	K14C9	307.510	329.004	141.688	8.992	0.17884	2.81096	5	X
J97R07N	17.8	0.15	K14C9	354.815	233.859	175.858	6.487	0.36087	2.62079	4	X
J97S14C	16.3	0.15	K14C9	50.767	105.035	225.652	7.136	0.20436	3.16834	6	X
J97V04M	18.2	0.15	K14C9	345.845	124.685	45.699	14.185	0.81319	2.62119	2	X
J98G10L	19.0	0.15	K14C9	352.344	287.466	193.237	8.687	0.66886	3.17023	2	X
J98H11A	17.6	0.15	K14C9	188.613	155.303	60.437	7.165	0.07277	2.37471	5	X
J98Q56O	16.6	0.15	K14C9	83.955	314.149	349.370	10.667	0.10766	3.00427	3	X
J98R48U	16.8	0.15	K14C9	18.429	162.687	180.402	12.804	0.35900	3.06190	2	X
J98S97Y	16.6	0.15	K14C9	47.297	203.604	128.646	1.355	0.41886	3.01802	6	X
J98T24O	15.6	0.15	K14C9	37.123	312.936	21.594	2.717	0.26178	3.98179	5	X
J98V48O	17.1	0.15	K14C9	60.553	246.792	101.164	2.022	0.12684	2.51835	7	X
J99R04T	18.2	0.15	K14C9	10.815	41.486	347.523	5.604	0.22244	2.39831	3	X
J99T84M	17.5	0.15	K14C9	98.988	281.931	21.941	6.616	0.11437	2.39782	7	X
J99TQ1W	17.7	0.15	K14C9	33.613	30.115	339.820	2.040	0.20574	2.40357	6	X
J99U18E	16.8	0.15	K14C9	40.087	305.649	31.675	11.823	0.16832	2.92453	4	X
J99V95Y	16.8	0.15	K14C9	47.293	307.329	37.202	7.972	0.25022	2.40617	5	X
J99VB9K	17.8	0.15	K14C9	67.224	313.083	1.006	4.007	0.07071	2.42879	7	X
J99VJ7P	17.6	0.15	K14C9	21.341	302.077	83.616	5.858	0.30215	2.40636	6	X
J99VLOF	18.0	0.15	K14C9	327.137	209.840	204.930	1.984	0.16843	2.45339	4	X
K00D11F	18.1	0.15	K14C9	10.043	66.178	331.342	19.359	0.06722	1.87986	5	X
K00DB3Y	16.3	0.15	K14C9	310.730	323.083	144.291	7.061	0.25237	3.02852	6	X
K00EK2X	16.6	0.15	K14C9	321.670	221.674	202.116	13.076	0.06867	3.15519	5	X
K00J10N	17.8	0.15	K14C9	78.471	254.506	47.231	21.453	0.43022	2.25676	6	X
K00N08B	17.8	0.15	K14C9	201.190	356.963	222.424	3.754	0.06367	2.21879	5	X
K00QN1G	17.1	0.15	K14C9	51.995	22.165	325.312	2.157	0.18666	2.72860	7	X
K00RA0A	15.9	0.15	K14C9	33.961	98.658	314.807	22.342	0.33789	2.72084	5	X
K00RA7L	17.5	0.15	K14C9	38.773	283.442	87.517	3.542	0.09298	2.72677	4	X
K00S93N	16.5	0.15	K14C9	40.166	183.815	213.945	10.363	0.30059	2.72097	5	X
K00SPON	17.1	0.15	K14C9	31.705	111.166	239.544	1.697	0.19673	2.78184	5	X
K00SZ9V	17.7	0.15	K14C9	34.490	119.551	235.952	4.530	0.19747	2.29992	3	X
K00T51S	17.9	0.15	K14C9	17.908	173.448	199.329	10.263	0.21524	2.30896	4	X
K00U62Y	16.7	0.15	K14C9	6.525	146.224	240.797	8.502	0.26529	2.80845	3	X
K00UA9B	16.7	0.15	K14C9	347.127	238.268	196.280	11.425	0.27116	2.79729	6	X
K00W66C	16.9	0.15	K14C9	332.491	198.394	243.943	22.334	0.21650	2.31632	4	X
K00WH6Z	18.2	0.15	K14C9	9.071	299.397	111.143	2.531	0.25040	2.30501	4	X
K00X27F	17.3	0.15	K14C9	6.718	359.745	52.792	9.242	0.23505	2.31985	4	X
K01FK5F	16.9	0.15	K14C9	324.611	68.336	12.594	1.201	0.04122	3.00132	8	X
K01FL3Q	17.5	0.15	K14C9	358.435	188.981	173.168	2.204	0.16248	3.11693	3	X
K01M25Y	17.6	0.15	K14C9	68.787	73.711	230.723	16.590	0.33303	2.57908	4	X
K01O26P	16.8	0.15	K14C9	135.687	193.123	58.850	7.572	0.20869	2.54325	7	X
K01O40O	16.7	0.15	K14C9	20.956	5.351	356.957	13.125	0.29754	2.64216	3	X
K01O75S	17.1	0.15	K14C9	77.135	216.614	76.885	8.096	0.20183	2.60145	5	X
K01P03X	16.7	0.15	K14C9	82.582	308.373	347.976	8.883	0.19313	2.59172	6	X
K01P34M	17.4	0.15	K14C9	26.778	59.380	264.760	5.862	0.30527	2.66656	3	X
K01P35L	15.7	0.15	K14C9	90.048	22.114	271.422	24.899	0.11030	2.59878	6	X
K01P36R	17.3	0.15	K14C9	36.922	310.479	20.657	13.752	0.27865	2.63454	4	X
K01P52T	16.5	0.15	K14C9	30.971	347.142	17.386	6.588	0.25104	2.61169	4	X
K01QA8T	18.0	0.15	K14C9	9.470	16.203	357.106	7.574	0.49220	2.67670	3	X
K01QA8U	17.0	0.15	K14C9	87.979	73.004	210.268	28.625	0.36276	2.60427	5	X
K01QG1L	17.0	0.15	K14C9	89.785	303.062	9.117	2.367	0.21446	2.57668	6	X
K01QQ2B	17.2	0.15	K14C9	2.348	36.092	331.680	13.175	0.29452	2.67803	2	X
K01R10F	18.2	0.15	K14C9	16.823	88.499	294.588	17.770	0.13437	1.88549	3	X
K01R35B	16.8	0.15	K14C9	23.866	172.229	204.457	3.736	0.24241	2.61755	6	X
K01RA8N	17.0	0.15	K14C9	34.723	4.326	14.806	3.131	0.19008	2.59973	5	X
K01RA9Z	17.8	0.15	K14C9	40.305	323.734	352.977	12.785	0.26135	2.65276	2	X
K01RC0Z	17.8	0.15	K14C9	33.467	357.911	18.089	5.515	0.15965	2.16974	8	X
K01RC7B	16.9	0.15	K14C9	30.378	326.287	25.111	6.677	0.23359	2.64142	5	X
K01RD2M	18.2	0.15	K14C9	62.077	210.292	119.070	3.062	0.19600	2.17491	6	X
K01RD4N	17.2	0.15	K14C9	42.453	307.062	11.543	13.654	0.20438	2.66070	4	X
K01RE0G	18.0	0.15	K14C9	31.970	335.875	18.288	5.863	0.15098	2.18954	3	X
K01S36C	17.0	0.15	K14C9	44.676	217.553	140.630	2.371	0.16381	2.62972	6	X

K01S87L	17.4	0.15	K14C9	44.726	154.738	184.480	6.780	0.27867	2.62368	5	X
K01S98X	18.2	0.15	K14C9	37.946	63.920	305.518	1.065	0.23392	2.61628	3	X
K01SA0G	17.3	0.15	K14C9	67.667	40.861	294.780	2.058	0.13478	2.60817	7	X
K01SC1B	17.1	0.15	K14C9	21.703	117.890	261.709	3.624	0.24791	2.63199	4	X
K01SC2R	16.6	0.15	K14C9	354.043	71.663	345.065	5.144	0.08407	2.60538	5	X
K01SE4U	17.7	0.15	K14C9	41.931	131.413	184.313	13.400	0.28114	2.65844	4	X
K01SF4J	17.1	0.15	K14C9	32.109	155.961	189.173	14.551	0.30389	2.65520	3	X
K01SG0C	17.0	0.15	K14C9	62.701	296.456	1.593	6.470	0.36452	2.64141	3	X
K01SH5G	16.7	0.15	K14C9	354.156	329.661	100.869	4.121	0.30646	2.64109	4	X
K01SI2G	17.2	0.15	K14C9	74.606	307.998	16.683	1.432	0.17205	2.58856	3	X
K01SK1P	17.5	0.15	K14C9	3.325	42.583	1.471	6.311	0.24366	2.63817	3	X
K01SL1D	17.6	0.15	K14C9	17.255	208.726	171.419	1.959	0.22754	2.64139	4	X
K01SM3V	17.2	0.15	K14C9	8.758	7.886	12.404	12.400	0.18196	2.65902	3	X
K01SM4J	17.3	0.15	K14C9	45.465	327.121	14.678	13.109	0.18543	2.64006	2	X
K01SN6E	17.2	0.15	K14C9	29.387	346.645	14.885	4.533	0.14155	2.64144	6	X
K01SU0E	17.6	0.15	K14C9	30.570	155.219	181.903	11.962	0.19933	2.66024	3	X
K01SV2F	17.5	0.15	K14C9	358.570	216.860	185.463	5.671	0.15463	2.64460	4	X
K01SV2T	17.6	0.15	K14C9	5.928	31.081	9.546	4.280	0.25513	2.63715	3	X
K01SW1K	16.5	0.15	K14C9	91.506	92.310	212.474	12.275	0.21548	2.59674	4	X
K01SW3R	16.6	0.15	K14C9	87.396	69.105	233.342	11.669	0.19847	2.61875	6	X
K01SY0J	15.5	0.15	K14C9	13.407	165.003	218.773	16.056	0.16043	3.41461	6	X
K01SZ6A	17.0	0.15	K14C9	37.549	283.492	56.076	12.843	0.21101	2.67297	8	X
K01SZ6Q	16.4	0.15	K14C9	71.491	292.369	31.059	15.437	0.14045	2.60890	7	X
K01T23P	17.1	0.15	K14C9	78.269	324.936	355.732	1.464	0.24077	2.61901	7	X
K01T47S	17.4	0.15	K14C9	45.261	299.688	65.164	12.139	0.13028	2.63216	3	X
K01T93G	16.7	0.15	K14C9	340.958	225.986	224.602	13.202	0.26375	2.64241	4	X
K01T95V	17.3	0.15	K14C9	356.135	157.966	225.861	8.794	0.31690	2.68848	3	X
K01TA3L	18.1	0.15	K14C9	337.677	217.958	219.374	21.156	0.08035	1.89400	4	X
K01TD0L	18.1	0.15	K14C9	350.255	203.098	207.492	8.453	0.26383	2.67737	2	X
K01TD2M	16.7	0.15	K14C9	59.770	91.363	238.824	10.348	0.28037	2.62335	3	X
K01TE4S	17.6	0.15	K14C9	23.746	296.519	73.723	4.730	0.24815	2.64958	2	X
K01TF7U	17.9	0.15	K14C9	25.618	289.460	79.955	4.540	0.23381	2.63643	2	X
K01TH7P	17.4	0.15	K14C9	333.005	83.142	9.970	7.131	0.24700	2.64831	3	X
K01TL4H	17.0	0.15	K14C9	14.544	132.454	238.606	11.787	0.27251	2.66792	3	X
K01TNOE	17.3	0.15	K14C9	25.839	179.598	202.924	7.596	0.12341	2.63133	6	X
K01TO4K	17.6	0.15	K14C9	31.621	112.653	233.678	2.025	0.18517	2.64805	4	X
K01TP4Z	17.2	0.15	K14C9	73.130	286.930	53.041	10.003	0.06699	2.61817	7	X
K01TP9J	16.9	0.15	K14C9	39.799	188.538	147.323	6.697	0.05511	2.67672	5	X
K01TP9K	18.5	0.15	K14C9	8.862	327.912	68.291	4.244	0.16175	2.18553	4	X
K01TQ2H	17.0	0.15	K14C9	23.786	341.482	15.093	3.849	0.09724	2.66595	6	X
K01TQ2U	17.0	0.15	K14C9	23.371	185.825	200.875	13.585	0.16142	2.61616	4	X
K01U02B	18.1	0.15	K14C9	5.014	200.335	199.067	6.754	0.38301	2.66273	2	X
K01U16V	18.1	0.15	K14C9	334.106	92.396	30.824	38.062	0.50312	2.18887	4	X
K01U170	18.4	0.15	K14C9	313.561	263.878	205.738	21.305	0.15310	1.88890	3	X
K01U18M	17.7	0.15	K14C9	2.133	233.880	180.288	3.509	0.17235	2.65167	5	X
K01U21U	16.7	0.15	K14C9	347.767	199.059	223.363	12.232	0.26897	2.64539	4	X
K01U28H	17.1	0.15	K14C9	323.885	61.327	30.976	13.343	0.24353	2.66511	3	X
K01U31F	17.2	0.15	K14C9	350.643	251.431	166.369	3.956	0.25450	2.65958	4	X
K01U37K	18.1	0.15	K14C9	47.816	207.454	142.750	2.066	0.20129	2.18381	6	X
K01U420	18.0	0.15	K14C9	19.665	244.159	138.443	1.012	0.30567	2.64825	3	X
K01U56C	17.7	0.15	K14C9	21.258	25.058	8.025	4.615	0.08291	2.17883	6	X
K01U60Y	18.0	0.15	K14C9	3.321	204.659	212.622	3.208	0.11486	2.17858	5	X
K01U75B	17.4	0.15	K14C9	13.741	342.439	46.698	14.950	0.21297	2.66366	2	X
K01U78B	16.3	0.15	K14C9	62.600	116.687	194.829	13.760	0.12545	2.66689	6	X
K01U78U	17.1	0.15	K14C9	358.578	10.797	43.053	4.584	0.30049	2.66277	3	X
K01U90X	16.7	0.15	K14C9	78.302	108.583	197.716	14.409	0.08367	2.66049	7	X
K01U91W	16.2	0.15	K14C9	58.588	274.424	62.084	13.327	0.14536	2.65750	7	X
K01U97B	17.8	0.15	K14C9	21.339	332.841	40.895	14.953	0.30099	2.65626	2	X
K01UA00	17.6	0.15	K14C9	4.130	205.451	205.799	3.880	0.20459	2.64567	2	X
K01UA7N	17.5	0.15	K14C9	14.752	329.324	47.407	5.832	0.31468	2.66949	3	X
K01UD4K	16.8	0.15	K14C9	5.716	190.796	217.075	12.122	0.14537	2.65370	4	X
K01UE7P	18.4	0.15	K14C9	26.637	325.973	47.553	5.419	0.16826	2.19475	2	X
K01UF7B	17.0	0.15	K14C9	23.371	143.385	221.602	12.745	0.27093	2.67592	4	X
K01UG6D	18.2	0.15	K14C9	21.751	115.723	261.177	3.305	0.24150	2.64977	3	X
K01UH6V	17.1	0.15	K14C9	351.478	208.594	212.504	3.075	0.18305	2.65429	5	X
K01UI9W	16.8	0.15	K14C9	13.536	193.206	211.227	7.617	0.11570	2.61554	6	X
K01UJ6G	17.1	0.15	K14C9	338.954	53.736	33.195	26.061	0.27614	2.66059	2	X
K01UJ6M	17.0	0.15	K14C9	5.380	19.854	40.852	6.586	0.12068	2.64014	6	X
K01UJ8C	18.3	0.15	K14C9	350.511	263.799	184.627	8.400	0.41939	2.64851	3	X
K01UK2M	16.9	0.15	K14C9	40.606	338.469	9.628	5.962	0.08496	2.66751	6	X
K01UL4A	17.7	0.15	K14C9	358.002	238.435	188.066	4.577	0.15155	2.63643	5	X
K01V07J	16.7	0.15	K14C9	311.410	235.935	226.216	6.531	0.26501	2.69472	6	X
K01V09X	17.0	0.15	K14C9	30.278	288.322	59.828	10.252	0.31264	2.66898	3	X
K01VA3G	16.6	0.15	K14C9	3.445	150.770	246.045	11.917	0.16152	2.68252	3	X
K01VC6V	17.3	0.15	K14C9	46.370	232.088	110.828	6.085	0.03838	2.66618	6	X
K01VC7D	18.2	0.15	K14C9	3.668	346.116	72.168	9.560	0.14611	2.63198	3	X
K01W07K	16.8	0.15	K14C9	331.480	18.657	60.632	15.541	0.17103	2.68447	5	X
K01W43L	16.6	0.15	K14C9	77.770	269.223	60.388	10.054	0.09999	2.64817	6	X
K01W56L	17.0	0.15	K14C9	5.256	2.950	35.676	4.515	0.21478	2.67297	4	X
K01W56R	17.1	0.15	K14C9	347.916	22.570	46.016	9.959	0.09653	2.66302	4	X
K01W66B	16.7	0.15	K14C9	42.465	120.683	219.497	11.943	0.20655	2.66529	3	X
K01X05H	17.3	0.15	K14C9	36.858	139.572	230.132	6.736	0.17045	2.20148	4	X
K01X91N	16.5	0.15	K14C9	300.943	54.169	61.469	13.847	0.21576	2.69924	6	X
K01XA3Q	17.6	0.15	K14C9	37.522	100.155	261.853	19.437	0.09644	1.91442	5	X
K01XE5Q	17.3	0.15	K14C9	46.599	91.596	257.963	4.868	0.21637	2.21356	6	X
K01Y25Z	16.9	0.15	K14C9	295.400	68.285	70.315	6.621	0.18370	2.68249	6	X
K01Y29U	16.7	0.15	K14C9	37.314	95.063	272.744	3.413	0.16772	2.67793	5	X
K02A21J	16.2	0.15	K14C9	51.693	318.211	112.188	33.529	0.23139	2.59524	4	X
K02AJ9W	17.0	0.15	K14C9	283.156	106.861	26.747	2.992	0.13070	2.73875	6	X
K02CI00	17.1	0.15	K14C9	233.093	84.408	103.368	3.798	0.10401	2.26167	6	X
K02CO9Q	17.5	0.15	K14C9	178.625	247.659	344.080	4.464	0.10650	2.27915	6	X
K02E840	17.8	0.15	K14C9	283.705	143.463	9.310	5.349	0.15823	2.26012	5	X
K02EB3N	17.1	0.15	K14C9	312.266	88.618	12.525	7.403	0.04127	2.28836	5	X
K02G59E	17.6	0.15	K14C9	125.512	222.594	35.548	4.738	0.21031	2.37785	5	X
K02GA3K	17.3	0.15	K14C9	254.537	137.162	38.480	7.196	0.10482	2.29177	7	X
K02GB6U	17.4	0.15	K14C9	170.595	198.442	47.794	7.315	0.16906	2.32910	6	X
K02GC4V	17.2	0.15	K14C9	252.738	151.393	5.272	5.453	0.09280	2.30105	6	X

K02J14E	16.1	0.15	K14C9	50.047	91.700	213.580	22.930	0.36297	3.15370	6 X
K02J22T	16.5	0.15	K14C9	163.710	184.562	44.717	16.065	0.31693	2.96335	4 X
K02N01A	16.5	0.15	K14C9	4.478	202.839	186.434	17.019	0.18690	3.19181	3 X
K02N71V	17.6	0.15	K14C9	35.502	266.313	86.072	2.379	0.20079	2.46672	4 X
K02N71W	17.5	0.15	K14C9	77.566	227.291	94.833	5.174	0.11384	2.43197	6 X
K02N76T	17.3	0.15	K14C9	346.578	206.227	168.265	8.065	0.26533	2.53309	4 X
K02O34X	18.4	0.15	K14C9	77.994	86.644	217.345	0.797	0.18305	2.45904	5 X
K02P51G	16.3	0.15	K14C9	44.850	247.908	97.057	5.994	0.17016	3.16413	5 X
K02PH9C	17.6	0.15	K14C9	15.213	268.824	106.488	6.592	0.21532	2.48626	3 X
K02PJ4Y	18.2	0.15	K14C9	75.128	180.573	141.398	1.798	0.17850	2.44606	7 X
K02PJ9V	16.2	0.15	K14C9	46.385	176.050	161.889	10.002	0.08576	3.17545	6 X
K02PK1S	15.8	0.15	K14C9	50.866	117.893	229.712	15.004	0.09977	3.16755	6 X
K02Q54S	17.1	0.15	K14C9	14.911	95.942	333.787	8.205	0.29829	2.44438	4 X
K02Q58A	16.4	0.15	K14C9	12.960	153.070	242.294	3.888	0.15360	3.18773	6 X
K02Q81K	18.2	0.15	K14C9	63.792	225.626	98.554	4.400	0.18162	2.47713	3 X
K02Q82N	16.2	0.15	K14C9	36.152	353.924	11.593	8.922	0.07758	3.18162	5 X
K02Q99A	16.5	0.15	K14C9	74.045	26.467	296.079	3.897	0.14308	3.14903	6 X
K02QA3Y	18.0	0.15	K14C9	40.638	148.311	217.657	7.637	0.16267	2.46225	5 X
K02QE9T	16.6	0.15	K14C9	75.078	141.861	164.339	7.311	0.12767	3.17678	7 X
K02RO3H	17.1	0.15	K14C9	25.206	322.004	64.701	7.368	0.09349	2.47517	6 X
K02RS2O	17.2	0.15	K14C9	106.755	44.986	240.614	8.695	0.22778	2.45444	5 X
K02S54B	15.9	0.15	K14C9	87.434	69.084	258.107	13.729	0.28023	3.13750	4 X
K02T73G	15.6	0.15	K14C9	34.034	135.575	255.678	9.596	0.04622	3.21033	4 X
K02TE9M	16.4	0.15	K14C9	95.921	85.750	177.796	14.830	0.10581	2.53955	7 X
K02TV4K	15.6	0.15	K14C9	280.386	64.313	75.249	14.788	0.03571	3.25245	6 X
K02TY9Z	16.6	0.15	K14C9	45.977	120.771	252.227	8.772	0.11492	3.13394	5 X
K02TZ5W	18.4	0.15	K14C9	70.562	352.579	337.585	2.925	0.15899	2.47238	6 X
K02V91C	13.4	0.15	K14C9	236.237	319.822	219.554	16.166	0.03837	5.17656	6 X
K02VA5L	16.6	0.15	K14C9	313.768	193.824	271.708	4.756	0.21332	2.55428	5 X
K02VB8D	20.3	0.15	K14C9	346.984	66.365	35.234	14.250	0.14354	1.42755	4 X
K02VE4V	13.7	0.15	K14C9	54.490	123.748	223.068	7.165	0.07617	5.24200	7 X
K02W04Z	16.3	0.15	K14C9	33.456	143.687	234.463	14.501	0.12368	2.53019	4 X
K02W20Z	18.2	0.15	K14C9	23.271	139.471	239.680	8.945	0.26791	2.52949	4 X
K02W31G	17.0	0.15	K14C9	7.622	173.655	234.131	11.972	0.13428	2.54065	4 X
K02XC1H	17.5	0.15	K14C9	340.073	240.097	201.579	8.599	0.10407	2.54082	5 X
K02Y00B	16.0	0.15	K14C9	324.456	274.603	147.769	27.532	0.43764	2.60680	5 X
K03A82M	15.5	0.15	K14C9	354.917	36.669	70.620	26.992	0.22424	2.55321	5 X
K03B54N	17.2	0.15	K14C9	322.925	188.955	280.005	3.984	0.24383	2.58043	5 X
K03D18V	16.8	0.15	K14C9	285.288	132.304	345.392	6.697	0.16730	2.64790	5 X
K03F35F	16.7	0.15	K14C9	273.287	162.843	0.139	4.491	0.18854	2.64530	5 X
K03F53J	16.0	0.15	K14C9	198.917	148.121	54.116	14.308	0.15222	2.73215	4 X
K03H34U	17.8	0.15	K14C9	92.577	265.414	33.573	8.807	0.14111	2.23279	5 X
K03R03T	17.9	0.15	K14C9	74.787	330.967	339.923	6.496	0.12541	2.34076	6 X
K03R26L	17.0	0.15	K14C9	96.520	83.294	218.496	21.535	0.29568	2.31788	4 X
K03S04M	15.4	0.15	K14C9	315.785	271.878	143.138	25.077	0.39164	3.23575	3 X
K03S22P	15.7	0.15	K14C9	60.276	301.828	14.750	26.908	0.17824	3.11315	4 X
K03S63E	17.6	0.15	K14C9	73.903	69.430	248.242	3.478	0.23112	2.33684	6 X
K03S65A	16.1	0.15	K14C9	22.700	358.728	5.901	13.903	0.16308	3.09904	4 X
K03S76B	17.6	0.15	K14C9	13.206	306.972	93.874	1.394	0.20346	2.35217	6 X
K03S91K	18.3	0.15	K14C9	37.536	150.378	191.256	14.583	0.26469	2.37318	2 X
K03SA4H	17.7	0.15	K14C9	24.125	182.959	202.197	1.854	0.18626	2.35516	4 X
K03SA8U	18.0	0.15	K14C9	33.998	69.238	284.385	4.544	0.27732	2.37284	3 X
K03SB9L	17.5	0.15	K14C9	26.383	299.370	77.302	3.457	0.22048	2.35217	3 X
K03SC2X	16.6	0.15	K14C9	33.774	104.839	275.055	3.752	0.18069	3.03687	3 X
K03SC6L	17.9	0.15	K14C9	28.199	356.545	14.038	20.225	0.07667	1.96391	3 X
K03SD6F	18.1	0.15	K14C9	1.695	145.663	262.867	2.337	0.22432	2.35094	4 X
K03SD9E	16.9	0.15	K14C9	17.787	7.694	3.366	2.839	0.31793	3.10889	3 X
K03SF8J	16.6	0.15	K14C9	17.635	352.380	9.159	16.144	0.23298	3.10254	3 X
K03SG0Q	17.6	0.15	K14C9	28.047	274.483	97.351	4.491	0.25389	2.35805	6 X
K03SHOW	17.9	0.15	K14C9	6.298	186.967	193.289	6.277	0.20664	2.38990	3 X
K03SH2X	16.2	0.15	K14C9	14.213	310.845	71.094	3.604	0.19445	3.07202	5 X
K03SH6M	16.2	0.15	K14C9	45.821	329.945	4.349	13.665	0.22863	3.06830	4 X
K03SJ7Z	17.8	0.15	K14C9	56.262	256.171	67.959	3.070	0.23162	2.36310	6 X
K03SK2K	18.5	0.15	K14C9	49.039	359.162	344.323	1.928	0.23232	2.35262	2 X
K03SK2V	18.5	0.15	K14C9	57.042	12.744	324.506	1.050	0.25112	2.34424	4 X
K03SK4E	16.7	0.15	K14C9	7.544	246.771	158.362	0.925	0.26024	3.08481	4 X
K03SK7F	15.8	0.15	K14C9	326.874	84.684	357.371	7.302	0.24610	3.10163	4 X
K03SL0D	16.3	0.15	K14C9	55.787	131.307	201.189	15.980	0.22170	3.04908	6 X
K03SL5C	16.4	0.15	K14C9	9.270	336.852	62.841	9.655	0.12118	3.02582	5 X
K03SL9A	15.2	0.15	K14C9	38.746	59.559	289.072	20.859	0.12494	3.09198	7 X
K03SL9G	17.2	0.15	K14C9	67.017	59.034	262.660	18.484	0.06778	1.95767	3 X
K03SO3X	16.9	0.15	K14C9	11.158	352.739	45.356	1.336	0.19889	3.05761	4 X
K03SP8B	16.8	0.15	K14C9	14.911	191.376	186.370	3.620	0.26750	3.08842	2 X
K03SQ0F	18.4	0.15	K14C9	10.842	47.304	345.477	21.495	0.15849	1.95134	2 X
K03SQ2Z	16.3	0.15	K14C9	48.828	147.348	170.608	13.453	0.27030	3.09793	5 X
K03SQ9F	16.1	0.15	K14C9	16.929	22.872	344.282	11.096	0.15062	3.09953	6 X
K03SR4H	17.5	0.15	K14C9	27.191	284.480	94.029	1.781	0.29520	3.06565	3 X
K03SR6T	16.6	0.15	K14C9	14.117	186.468	216.261	12.103	0.12315	3.01602	4 X
K03SR8Q	17.7	0.15	K14C9	21.346	116.869	256.109	4.718	0.21573	2.37831	4 X
K03ST9X	16.2	0.15	K14C9	30.675	322.063	30.806	7.295	0.20935	3.10974	6 X
K03SU7E	16.0	0.15	K14C9	4.368	79.599	318.539	17.939	0.37369	3.10973	3 X
K03SV8W	16.8	0.15	K14C9	324.014	234.690	202.021	7.961	0.06743	3.05866	5 X
K03SW3Q	18.6	0.15	K14C9	18.187	86.606	317.988	1.767	0.18022	2.33359	4 X
K03SW4Y	17.6	0.15	K14C9	29.556	258.907	103.666	3.169	0.22502	2.36308	6 X
K03SW5M	17.8	0.15	K14C9	35.859	195.661	172.899	6.738	0.21521	2.35705	6 X
K03SW6H	17.4	0.15	K14C9	38.879	2.338	0.652	1.600	0.14061	3.04267	4 X
K03SW8T	18.6	0.15	K14C9	35.696	208.281	154.981	2.237	0.24548	2.35855	2 X
K03SX1H	16.7	0.15	K14C9	40.930	293.628	64.998	11.938	0.11027	3.08785	4 X
K03SX2Z	18.1	0.15	K14C9	351.186	319.661	92.798	2.376	0.17712	2.37646	3 X
K03SX4Q	16.1	0.15	K14C9	35.634	347.774	6.646	13.559	0.15091	3.07274	2 X
K03SY1H	18.0	0.15	K14C9	40.581	111.052	230.098	1.428	0.22087	2.36290	3 X
K03S21Z	16.5	0.15	K14C9	352.661	203.116	193.045	23.558	0.17985	3.11529	3 X
K03Sa6T	16.9	0.15	K14C9	344.625	235.468	192.152	10.177	0.10042	3.02334	3 X
K03Sc3E	16.7	0.15	K14C9	81.687	225.464	105.183	2.795	0.02745	3.02148	7 X
K03Sc5Q	18.7	0.15	K14C9	25.060	218.849	154.178	3.545	0.20844	2.36469	2 X
K03Sd1F	18.0	0.15	K14C9	164.444	103.386	154.454	6.834	0.16594	2.31131	7 X
K03Sd3J	17.5	0.15	K14C9	328.885	339.289	108.194	5.040	0.16763	2.37026	5 X

K03Sd5S	16.3	0.15	K14C9	71.348	276.924	48.624	16.318	0.14528	3.06572	3 X
K03Se8U	18.8	0.15	K14C9	5.052	179.708	206.067	5.937	0.15424	2.36573	2 X
K03Sf7E	18.1	0.15	K14C9	7.080	294.077	96.007	4.865	0.12382	2.37731	3 X
K03Sg2E	18.6	0.15	K14C9	27.781	354.463	1.925	9.206	0.13826	2.37058	2 X
K03Sh1T	18.6	0.15	K14C9	9.438	174.819	187.273	2.919	0.20638	2.40447	3 X
K03Sh2R	16.5	0.15	K14C9	347.510	213.569	195.920	9.430	0.11960	3.11724	2 X
K03Sh3G	16.9	0.15	K14C9	13.718	143.679	244.882	7.824	0.08752	3.01698	3 X
K03Sh3O	16.4	0.15	K14C9	69.089	69.648	252.907	7.878	0.13984	3.03779	7 X
K03T12G	16.5	0.15	K14C9	356.755	30.365	23.239	21.158	0.30870	3.09983	2 X
K03T17J	15.5	0.15	K14C9	57.209	317.507	34.165	7.993	0.10589	3.04332	7 X
K03T21S	17.9	0.15	K14C9	34.589	212.212	157.648	1.184	0.19255	2.35590	6 X
K03T41S	16.0	0.15	K14C9	349.069	46.123	0.878	12.876	0.05592	3.10031	4 X
K03T45Q	15.5	0.15	K14C9	322.073	87.042	347.919	10.122	0.05407	3.11547	5 X
K03T54F	16.3	0.15	K14C9	33.950	163.141	172.327	11.361	0.08358	3.15977	4 X
K03T57Q	16.8	0.15	K14C9	27.272	169.994	204.492	11.198	0.16011	3.09967	3 X
K03U10M	17.0	0.15	K14C9	22.484	164.289	199.865	18.709	0.29223	3.10365	2 X
K03U12C	17.5	0.15	K14C9	358.341	8.120	21.854	1.348	0.17915	2.40738	6 X
K03U18Y	17.4	0.15	K14C9	0.246	3.502	44.454	12.940	0.23205	2.37977	4 X
K03U28L	16.3	0.15	K14C9	42.704	127.070	231.237	2.176	0.16295	3.10237	4 X
K03U29Y	16.3	0.15	K14C9	19.097	109.723	272.321	5.840	0.16088	3.10928	5 X
K03U33R	18.3	0.15	K14C9	7.890	286.913	125.900	1.660	0.17764	2.35407	6 X
K03U70G	18.4	0.15	K14C9	81.200	96.070	216.571	9.616	0.20316	2.35355	6 X
K03U80L	18.0	0.15	K14C9	29.106	291.657	87.431	1.625	0.21885	2.35864	5 X
K03UA8S	17.9	0.15	K14C9	36.297	311.965	29.391	2.605	0.23224	2.39600	3 X
K03UB5N	17.2	0.15	K14C9	56.432	342.061	334.150	2.850	0.23370	2.39087	7 X
K03UC8E	17.6	0.15	K14C9	344.467	143.332	278.732	5.144	0.11598	2.38662	5 X
K03UF4J	16.0	0.15	K14C9	356.966	351.325	48.720	9.427	0.18877	3.11418	3 X
K03UG1X	16.4	0.15	K14C9	46.780	131.792	210.097	13.632	0.30664	3.08178	6 X
K03UG4O	15.1	0.15	K14C9	34.429	309.313	64.322	10.501	0.10817	3.09124	6 X
K03UH6R	17.1	0.15	K14C9	44.294	274.475	82.198	2.327	0.19975	2.36297	6 X
K03UH8N	16.7	0.15	K14C9	53.163	116.409	227.672	7.352	0.19970	3.06888	5 X
K03UH9H	18.2	0.15	K14C9	20.736	194.414	176.893	1.360	0.19355	2.38550	3 X
K03UI1A	15.5	0.15	K14C9	47.300	281.511	43.532	16.349	0.24140	3.13580	5 X
K03UI4L	15.9	0.15	K14C9	71.477	110.177	226.784	14.865	0.16899	3.06316	6 X
K03UJ5E	17.7	0.15	K14C9	0.965	34.775	32.448	6.809	0.21848	2.37299	4 X
K03UK6V	17.4	0.15	K14C9	17.868	155.422	222.631	10.626	0.22687	2.38883	5 X
K03UL9J	16.0	0.15	K14C9	332.969	229.471	225.454	15.777	0.10749	3.06727	6 X
K03UM2W	15.2	0.15	K14C9	31.650	138.211	241.470	26.405	0.20126	3.10575	6 X
K03UM9R	16.0	0.15	K14C9	7.948	148.520	236.755	8.350	0.14781	3.14041	5 X
K03UN0E	17.9	0.15	K14C9	16.373	257.014	132.219	3.199	0.20357	2.37680	6 X
K03UN1K	18.0	0.15	K14C9	310.984	247.957	227.703	3.556	0.26127	2.38498	5 X
K03UN6B	16.7	0.15	K14C9	2.870	20.415	353.328	10.073	0.21862	3.14388	4 X
K03UO9F	18.0	0.15	K14C9	17.697	56.548	330.857	2.530	0.25776	2.37318	4 X
K03UP8E	17.5	0.15	K14C9	358.986	183.829	212.304	5.444	0.13638	2.39254	4 X
K03UQ0L	18.4	0.15	K14C9	349.188	174.758	236.439	0.472	0.17372	2.39236	3 X
K03UQ6O	15.8	0.15	K14C9	348.748	20.533	43.776	17.525	0.17717	3.11759	3 X
K03UR4Z	18.0	0.15	K14C9	30.235	331.392	19.223	5.255	0.24492	2.38857	2 X
K03UR6G	15.9	0.15	K14C9	10.572	173.131	225.985	10.358	0.25868	3.11965	6 X
K03UR8Y	17.8	0.15	K14C9	59.950	61.397	279.361	3.604	0.16742	2.35472	6 X
K03US1U	18.0	0.15	K14C9	354.092	306.676	99.995	2.027	0.26694	2.39972	3 X
K03UT9M	18.4	0.15	K14C9	348.163	279.942	158.183	1.282	0.15145	2.35993	6 X
K03U7X	16.0	0.15	K14C9	210.617	180.687	29.409	10.476	0.04124	3.03746	6 X
K03UX8A	16.9	0.15	K14C9	5.954	224.803	185.655	9.892	0.12209	3.03548	5 X
K03UX9C	17.1	0.15	K14C9	359.068	333.264	62.936	2.424	0.17063	3.09864	4 X
K03UY1V	16.8	0.15	K14C9	31.275	86.050	262.516	8.760	0.26051	3.06219	3 X
K03UZ8J	16.6	0.15	K14C9	2.042	183.574	209.591	7.521	0.04682	3.12665	6 X
K03Ub5V	17.8	0.15	K14C9	153.769	60.509	199.824	6.380	0.09033	2.31472	7 X
K03Ub6B	16.5	0.15	K14C9	336.089	229.073	202.247	5.853	0.21179	3.07328	5 X
K03Ub7Y	16.8	0.15	K14C9	357.606	202.161	198.154	3.378	0.23106	3.09541	4 X
K03Ub8B	16.9	0.15	K14C9	343.920	36.307	22.456	3.907	0.11577	3.07096	7 X
K03Uc0E	16.8	0.15	K14C9	339.540	42.244	25.485	9.891	0.12265	3.07580	4 X
K03Uf6S	16.5	0.15	K14C9	34.753	172.487	180.803	12.395	0.11259	3.11359	4 X
K03W02K	17.7	0.15	K14C9	66.992	61.205	254.054	3.370	0.15515	2.40383	5 X
K03W02W	16.0	0.15	K14C9	32.479	330.949	42.015	6.959	0.13384	3.10399	6 X
K03W04D	17.5	0.15	K14C9	25.635	311.514	64.369	6.349	0.24950	2.38513	4 X
K03W52O	16.1	0.15	K14C9	24.305	340.274	45.448	28.162	0.07835	3.10635	3 X
K03W55L	17.1	0.15	K14C9	1.934	79.301	332.568	2.576	0.29347	3.12322	4 X
K03W62G	16.7	0.15	K14C9	349.767	189.864	236.244	12.136	0.22258	3.13541	2 X
K03W67K	15.7	0.15	K14C9	18.078	116.705	247.033	24.313	0.26001	3.18231	4 X
K03W86V	15.4	0.15	K14C9	14.480	132.460	258.093	7.828	0.26181	3.14066	5 X
K03WB3A	16.9	0.15	K14C9	18.796	354.853	43.190	10.647	0.14986	2.38336	5 X
K03WB3N	17.6	0.15	K14C9	323.852	174.512	276.272	5.491	0.12400	2.39737	5 X
K03WC8T	16.5	0.15	K14C9	38.670	320.909	41.091	18.563	0.21791	3.10471	2 X
K03WE9G	15.9	0.15	K14C9	18.528	124.509	253.430	8.488	0.20219	3.15106	4 X
K03WG2B	16.1	0.15	K14C9	320.558	31.920	63.653	13.703	0.08877	3.14232	6 X
K03WI0M	16.3	0.15	K14C9	260.798	98.494	71.879	11.593	0.17409	3.16194	5 X
K03WI7A	16.8	0.15	K14C9	55.342	285.227	60.819	2.496	0.16253	3.07542	4 X
K03X01M	16.1	0.15	K14C9	355.400	22.042	39.606	15.859	0.06229	3.12837	5 X
K03X23U	16.7	0.15	K14C9	299.835	53.710	78.156	2.060	0.13614	3.14338	6 X
K03X39Z	16.2	0.15	K14C9	339.860	24.248	60.234	11.451	0.19791	3.14038	3 X
K03X42X	16.1	0.15	K14C9	335.201	71.775	29.929	13.393	0.28966	3.16439	5 X
K04B20X	17.7	0.15	K14C9	345.101	335.543	106.545	6.461	0.17364	2.42537	4 X
K04B94L	16.2	0.15	K14C9	314.414	284.307	205.030	10.528	0.33586	3.23609	4 X
K04BE0G	18.2	0.15	K14C9	319.622	170.607	292.284	3.804	0.13477	2.44669	5 X
K04CC8D	15.9	0.15	K14C9	46.370	317.855	19.240	12.881	0.23397	2.59160	5 X
K04E20U	16.4	0.15	K14C9	347.701	75.011	22.249	29.302	0.53862	3.19132	3 X
K04E28L	16.0	0.15	K14C9	345.368	271.151	168.553	6.083	0.21042	3.32772	9 X
K04FD5V	17.1	0.15	K14C9	181.820	193.797	4.625	12.530	0.09682	2.61251	6 X
K04G52Q	17.3	0.15	K14C9	177.818	189.194	33.773	6.760	0.08039	2.59804	5 X
K04G81P	16.5	0.15	K14C9	26.584	178.234	202.266	9.988	0.15775	2.58505	5 X
K04H03A	16.4	0.15	K14C9	171.443	165.308	73.374	5.568	0.14803	2.60032	6 X
K04H10T	16.6	0.15	K14C9	140.028	219.775	40.124	13.865	0.20675	2.65536	2 X
K04H18K	16.6	0.15	K14C9	168.122	18.804	206.216	33.219	0.15644	2.61268	2 X
K04J24X	16.8	0.15	K14C9	164.259	170.753	62.001	8.848	0.17549	2.64399	5 X
K04P17L	18.2	0.15	K14C9	44.261	122.842	158.596	4.863	0.35967	2.24935	2 X
K04P30R	16.5	0.15	K14C9	72.467	342.694	334.675	4.420	0.15402	2.80430	4 X
K04P65M	16.1	0.15	K14C9	36.042	19.361	327.066	7.649	0.22250	2.88964	6 X

K04P97V	18.0	0.15	K14C9	69.274	301.668	17.340	6.226	0.24520	2.18601	4	X
K04R06M	18.1	0.15	K14C9	75.721	282.016	27.598	6.061	0.24694	2.19465	3	X
K04R39E	16.5	0.15	K14C9	349.771	30.637	350.805	11.283	0.20557	2.93427	3	X
K04R49X	17.7	0.15	K14C9	70.235	326.350	349.761	3.768	0.18352	2.20357	6	X
K04R52K	18.3	0.15	K14C9	37.058	322.340	13.735	2.778	0.26038	2.22806	2	X
K04R62D	18.7	0.15	K14C9	28.502	190.881	169.446	6.716	0.23068	2.22080	2	X
K04R79K	18.0	0.15	K14C9	28.189	10.463	356.447	8.243	0.20788	2.22908	3	X
K04RF2Z	17.6	0.15	K14C9	14.154	126.705	261.087	4.973	0.10149	2.20557	5	X
K04RG4B	18.2	0.15	K14C9	19.974	40.127	353.478	3.645	0.19050	2.21556	4	X
K04RH1Q	18.4	0.15	K14C9	37.206	47.948	308.815	1.315	0.19045	2.21431	3	X
K04RP3N	15.9	0.15	K14C9	15.853	161.469	149.943	15.583	0.19570	2.99327	6	X
K04RP8C	18.4	0.15	K14C9	62.328	79.392	245.364	1.489	0.18774	2.20935	5	X
K04RT8F	17.0	0.15	K14C9	6.894	212.820	173.901	11.034	0.12800	2.89055	3	X
K04RW5B	16.3	0.15	K14C9	32.250	162.552	218.320	12.609	0.09616	2.84165	4	X
K04RX6U	18.2	0.15	K14C9	10.058	179.847	200.275	5.881	0.20443	2.24240	3	X
K04RY6N	17.9	0.15	K14C9	38.702	144.726	223.484	5.636	0.19115	2.20666	4	X
K04RY6W	18.0	0.15	K14C9	32.891	109.331	249.727	3.074	0.18855	2.22337	4	X
K04RY7A	18.7	0.15	K14C9	48.788	38.852	301.030	1.755	0.25393	2.21532	2	X
K04T02T	18.5	0.15	K14C9	24.229	148.260	237.456	1.939	0.14992	2.21730	5	X
K04T02Z	18.8	0.15	K14C9	32.833	172.744	203.045	5.421	0.16138	2.21513	2	X
K04T10G	19.4	0.15	K14C9	342.953	317.298	205.160	4.177	0.86202	2.23334	3	X
K04T27W	16.2	0.15	K14C9	358.361	28.460	14.203	15.311	0.12584	2.89858	4	X
K04T42L	18.6	0.15	K14C9	17.549	8.583	12.691	8.514	0.17656	2.23765	3	X
K04T48S	18.1	0.15	K14C9	9.888	343.903	30.646	7.248	0.13951	2.25393	3	X
K04T63W	18.6	0.15	K14C9	354.500	29.959	28.187	4.178	0.12708	2.22461	5	X
K04T70W	18.2	0.15	K14C9	1.680	24.098	24.141	5.685	0.14501	2.21896	2	X
K04T90S	18.1	0.15	K14C9	68.203	313.427	1.330	5.394	0.16005	2.23513	3	X
K04T94K	17.9	0.15	K14C9	326.970	231.523	207.394	6.767	0.04166	2.23060	5	X
K04T96A	18.5	0.15	K14C9	63.366	120.906	202.329	6.281	0.17244	2.22987	5	X
K04T96W	17.2	0.15	K14C9	21.438	197.696	169.645	2.272	0.12754	2.93336	3	X
K04TD9P	16.1	0.15	K14C9	0.874	158.777	248.688	7.901	0.19947	2.90086	5	X
K04TE9X	17.2	0.15	K14C9	45.853	59.575	309.156	1.005	0.07893	2.86322	6	X
K04TH5R	17.7	0.15	K14C9	35.334	93.986	275.422	1.258	0.15665	2.22273	7	X
K04TJ2T	17.8	0.15	K14C9	0.111	19.869	37.149	3.071	0.04433	2.20621	7	X
K04TL9L	18.3	0.15	K14C9	356.541	221.694	202.113	3.110	0.11707	2.21551	4	X
K04TR6N	18.6	0.15	K14C9	7.776	182.998	202.769	5.413	0.26284	2.24942	3	X
K04TT1B	17.1	0.15	K14C9	332.513	230.599	204.256	6.577	0.11166	2.90864	2	X
K04TW2A	17.8	0.15	K14C9	332.119	34.088	25.293	3.257	0.11089	2.27380	3	X
K04U08B	16.7	0.15	K14C9	26.598	101.080	243.966	11.101	0.39644	2.94652	4	X
K04V40F	18.0	0.15	K14C9	52.957	276.577	72.810	2.298	0.18119	2.23096	4	X
K04V88G	16.9	0.15	K14C9	349.049	92.547	322.079	2.871	0.12532	2.96317	4	X
K04W00L	17.5	0.15	K14C9	38.675	255.933	90.664	4.826	0.19709	2.24904	5	X
K04X40P	18.0	0.15	K14C9	8.579	357.017	62.697	22.775	0.08926	1.84199	3	X
K04X44Y	18.7	0.15	K14C9	59.634	159.377	173.351	4.800	0.25259	2.16692	3	X
K04XE8J	17.4	0.15	K14C9	258.533	45.890	108.976	9.031	0.13830	2.30288	6	X
K04XG0T	16.5	0.15	K14C9	338.450	137.933	297.940	16.650	0.24957	3.01812	4	X
K04XH0R	17.4	0.15	K14C9	199.318	267.807	280.975	20.065	0.00887	1.90290	3	X
K05A47P	17.3	0.15	K14C9	275.607	21.701	111.439	6.695	0.15166	2.30023	3	X
K05A69P	17.2	0.15	K14C9	186.164	116.610	101.035	3.595	0.15211	2.35766	7	X
K05B07H	17.6	0.15	K14C9	313.428	25.368	93.168	5.370	0.09956	2.28159	6	X
K05B16G	17.7	0.15	K14C9	320.903	14.330	85.230	7.288	0.22374	2.28229	4	X
K05B40E	18.2	0.15	K14C9	210.116	80.519	117.090	2.886	0.13771	2.34724	5	X
K05C18X	17.8	0.15	K14C9	291.462	355.739	142.555	3.806	0.17135	2.30465	6	X
K05C22J	15.6	0.15	K14C9	223.241	320.331	244.783	13.276	0.23172	3.16468	7	X
K05C50A	16.9	0.15	K14C9	242.504	17.739	141.266	7.567	0.05861	2.35883	7	X
K05E02V	17.6	0.15	K14C9	206.605	241.502	321.837	1.413	0.17241	2.35566	6	X
K05EA2L	16.0	0.15	K14C9	306.196	291.438	191.332	25.058	0.30406	3.14879	3	X
K05EA5K	18.1	0.15	K14C9	312.323	333.324	143.368	3.924	0.12279	2.29941	4	X
K05EGLN	17.5	0.15	K14C9	233.643	141.869	31.599	4.680	0.06965	2.40421	6	X
K05EG9H	17.0	0.15	K14C9	153.724	157.781	96.365	6.246	0.20465	2.40018	6	X
K05EK8E	18.0	0.15	K14C9	208.546	68.985	133.914	2.056	0.13577	2.38222	5	X
K05EP6X	17.9	0.15	K14C9	265.142	177.640	330.507	2.223	0.11165	2.37422	5	X
K05EQ0L	18.1	0.15	K14C9	248.180	138.963	34.115	5.968	0.17317	2.37904	5	X
K05ET9H	16.4	0.15	K14C9	336.463	34.937	52.342	1.204	0.15928	3.10082	5	X
K05EV7S	17.9	0.15	K14C9	283.577	149.295	346.004	1.092	0.13120	2.36006	6	X
K05GB0M	17.9	0.15	K14C9	247.053	141.972	22.637	3.120	0.11841	2.40997	6	X
K05GB5Z	18.1	0.15	K14C9	267.617	4.586	148.917	2.613	0.11386	2.37808	7	X
K05GB7Z	17.8	0.15	K14C9	322.459	294.209	154.319	3.448	0.02870	2.39905	6	X
K05GC8P	18.6	0.15	K14C9	37.758	116.438	166.862	5.293	0.57557	2.70311	2	X
K05GF0W	17.5	0.15	K14C9	221.725	133.589	65.399	7.410	0.05524	2.41356	7	X
K05GG1P	17.0	0.15	K14C9	165.207	125.315	119.376	6.601	0.10254	2.42865	6	X
K05H06Q	17.2	0.15	K14C9	160.051	190.152	112.192	24.728	0.02230	1.90516	6	X
K05JE5U	17.2	0.15	K14C9	278.364	128.149	48.470	11.284	0.24046	2.34381	5	X
K05JF2B	17.8	0.15	K14C9	208.796	353.856	205.342	2.184	0.13283	2.39280	6	X
K05L52D	18.2	0.15	K14C9	55.674	39.808	277.800	3.636	0.22620	2.64911	5	X
K05M13M	19.1	0.15	K14C9	44.906	254.674	100.612	22.999	0.31806	1.69476	5	X
K05M26R	17.4	0.15	K14C9	32.863	238.095	113.451	5.849	0.20413	2.63885	4	X
K05N01K	17.2	0.15	K14C9	0.178	10.084	113.729	33.579	0.72698	1.60392	3	X
K05N40O	17.4	0.15	K14C9	82.845	174.543	126.563	3.117	0.18477	2.60252	4	X
K05N42F	17.4	0.15	K14C9	38.075	202.623	136.744	7.809	0.24702	2.65738	4	X
K05N68K	18.0	0.15	K14C9	57.552	14.420	305.722	3.727	0.26716	2.64653	4	X
K05Q03Z	16.7	0.15	K14C9	61.756	324.884	348.147	9.267	0.20517	2.67815	4	X
K05Q05Z	16.9	0.15	K14C9	19.474	64.080	317.710	5.176	0.15354	2.65978	4	X
K05Q15Z	17.3	0.15	K14C9	37.705	150.425	215.303	1.007	0.20967	2.65274	5	X
K05Q17E	16.4	0.15	K14C9	3.146	20.769	353.900	15.730	0.28158	2.73800	3	X
K05Q19X	17.3	0.15	K14C9	39.328	351.868	3.706	2.055	0.21631	2.67477	3	X
K05Q46K	16.3	0.15	K14C9	335.565	41.636	359.080	13.909	0.04648	2.71591	5	X
K05Q48Z	16.4	0.15	K14C9	356.707	36.840	8.961	10.156	0.05133	2.66072	5	X
K05Q59X	16.4	0.15	K14C9	358.382	43.508	351.823	9.805	0.13815	2.70888	4	X
K05QB4N	17.1	0.15	K14C9	7.565	177.141	180.458	14.142	0.20180	2.75952	2	X
K05QC6C	17.2	0.15	K14C9	346.951	277.962	162.523	4.986	0.17931	2.63002	6	X
K05QC9B	17.1	0.15	K14C9	17.791	351.808	13.445	6.395	0.04710	2.69555	6	X
K05QC9K	17.0	0.15	K14C9	355.242	14.571	20.072	5.262	0.06460	2.68903	5	X
K05QD2F	16.8	0.15	K14C9	85.821	288.769	11.857	9.310	0.08176	2.66590	6	X
K05QH5B	17.4	0.15	K14C9	70.623	90.168	194.999	6.636	0.33673	2.68500	6	X
K05QH9D	17.2	0.15	K14C9	4.154	2.838	16.276	5.077	0.18431	2.71972	5	X
K05QI0Y	17.1	0.15	K14C9	24.108	171.781	194.682	14.005	0.25918	2.69620	2	X

K05QI7E	16.6	0.15	K14C9	339.766	77.281	335.662	8.926	0.06787	2.71023	5	X
K05QJ0L	16.9	0.15	K14C9	328.069	257.947	177.693	2.339	0.02181	2.66731	8	X
K05R25U	16.2	0.15	K14C9	31.636	122.371	224.345	8.365	0.32356	2.71809	3	X
K05R31A	17.1	0.15	K14C9	4.220	14.351	359.901	9.179	0.19704	2.72043	3	X
K05R47R	17.4	0.15	K14C9	338.898	17.379	71.314	4.523	0.16880	2.67063	6	X
K05S11W	17.0	0.15	K14C9	15.965	346.112	28.034	6.273	0.11873	2.72795	3	X
K05S15H	17.4	0.15	K14C9	349.748	216.228	203.327	4.693	0.22313	2.70759	4	X
K05S16S	17.4	0.15	K14C9	359.454	180.695	222.446	1.218	0.08843	2.69573	4	X
K05S23U	17.2	0.15	K14C9	41.827	292.595	60.277	5.048	0.26525	2.67666	4	X
K05S32B	17.0	0.15	K14C9	37.423	182.234	164.323	3.938	0.21493	2.72226	5	X
K05S36K	17.7	0.15	K14C9	18.628	7.353	6.982	14.062	0.12650	2.70629	3	X
K05S40X	17.0	0.15	K14C9	65.754	150.888	175.441	2.288	0.21811	2.67414	4	X
K05S42W	17.4	0.15	K14C9	21.954	184.915	205.148	14.300	0.11048	2.68411	2	X
K05S44C	16.8	0.15	K14C9	48.165	145.244	220.388	5.349	0.07162	2.67338	5	X
K05S44X	16.8	0.15	K14C9	351.746	222.860	198.576	27.611	0.28824	2.72447	3	X
K05S54K	17.0	0.15	K14C9	28.153	349.501	21.410	6.480	0.04596	2.71259	4	X
K05S58X	17.3	0.15	K14C9	82.809	119.885	197.512	3.214	0.15535	2.67152	7	X
K05S67K	18.0	0.15	K14C9	0.951	199.145	189.394	4.992	0.20441	2.73166	2	X
K05S83S	17.2	0.15	K14C9	339.189	63.105	2.493	4.768	0.15008	2.71444	4	X
K05S88W	16.8	0.15	K14C9	22.368	141.777	235.089	2.911	0.13301	2.71508	7	X
K05S91F	17.3	0.15	K14C9	53.580	316.741	17.532	5.813	0.14493	2.72007	5	X
K05S92A	17.1	0.15	K14C9	57.705	125.411	198.415	6.550	0.15087	2.72717	3	X
K05S93S	16.9	0.15	K14C9	8.268	16.842	22.705	10.832	0.12635	2.71430	4	X
K05SA0C	17.2	0.15	K14C9	321.993	173.084	273.020	2.872	0.08724	2.71560	4	X
K05SA4S	17.1	0.15	K14C9	7.225	1.203	30.643	8.580	0.19305	2.72626	4	X
K05SA9U	17.2	0.15	K14C9	62.529	325.017	6.345	2.908	0.07583	2.70985	5	X
K05SC1Q	16.6	0.15	K14C9	54.899	119.710	222.810	5.259	0.04062	2.68786	4	X
K05SC9U	17.4	0.15	K14C9	348.524	12.729	29.846	3.551	0.09614	2.75113	4	X
K05SD8Y	17.1	0.15	K14C9	45.551	334.119	29.284	5.780	0.06530	2.66792	4	X
K05SE2W	16.3	0.15	K14C9	238.580	136.792	27.029	14.384	0.03202	2.68825	4	X
K05SE3X	18.0	0.15	K14C9	6.129	2.670	48.390	4.576	0.18500	2.68128	3	X
K05SE6X	17.1	0.15	K14C9	28.212	183.785	193.329	5.708	0.03872	2.70058	4	X
K05SE6Y	17.1	0.15	K14C9	353.919	214.920	178.212	2.345	0.20650	2.75697	3	X
K05SE8Q	16.8	0.15	K14C9	4.756	358.455	35.544	6.361	0.04616	2.72709	4	X
K05SF0R	17.0	0.15	K14C9	23.192	157.186	190.940	9.302	0.16135	2.76261	4	X
K05SG0N	18.1	0.15	K14C9	41.032	30.713	296.561	1.116	0.23626	2.72792	2	X
K05SH1D	17.4	0.15	K14C9	51.119	139.481	213.432	6.017	0.11503	2.67278	3	X
K05SH6M	17.2	0.15	K14C9	27.036	134.359	206.542	11.849	0.12978	2.75919	3	X
K05SI0J	17.3	0.15	K14C9	45.310	327.889	7.450	5.981	0.06040	2.70654	5	X
K05SI2O	17.2	0.15	K14C9	33.749	342.474	356.835	4.882	0.17820	2.74946	4	X
K05SJ2K	18.1	0.15	K14C9	22.643	172.025	201.014	7.373	0.22950	2.72664	2	X
K05SK0B	17.4	0.15	K14C9	347.946	245.232	186.432	6.916	0.07555	2.66820	4	X
K05SK5Z	18.8	0.15	K14C9	39.010	291.465	30.806	7.451	0.44160	2.70828	2	X
K05SK8Z	17.1	0.15	K14C9	257.368	157.256	3.355	2.623	0.15225	2.68674	6	X
K05SL2D	17.5	0.15	K14C9	43.896	138.552	227.940	1.464	0.06293	2.69272	4	X
K05SL4S	16.6	0.15	K14C9	357.830	119.278	242.295	11.146	0.23938	2.78503	3	X
K05SL4T	16.7	0.15	K14C9	13.698	84.817	327.777	11.885	0.25711	2.67165	4	X
K05SN2Y	17.1	0.15	K14C9	13.105	352.044	33.582	5.903	0.07158	2.74354	4	X
K05SN6N	17.4	0.15	K14C9	24.215	106.606	274.607	2.112	0.15279	2.71026	4	X
K05SN6O	17.0	0.15	K14C9	81.086	99.965	229.525	5.046	0.03242	2.69571	6	X
K05SO3S	16.1	0.15	K14C9	6.568	101.171	321.290	12.701	0.25439	2.65195	4	X
K05SO7Z	17.3	0.15	K14C9	26.193	152.531	210.478	5.648	0.09023	2.73253	5	X
K05SO8V	19.8	0.15	K14C9	48.107	346.102	353.496	0.987	0.17252	2.07784	4	X
K05SP5J	16.9	0.15	K14C9	40.555	92.692	281.171	2.004	0.15547	2.64155	7	X
K05SR1N	16.6	0.15	K14C9	50.096	330.700	13.502	5.403	0.08228	2.70753	5	X
K05SR7A	16.9	0.15	K14C9	40.893	250.930	74.453	3.498	0.17896	2.73448	6	X
K05ST0R	17.7	0.15	K14C9	47.694	184.606	167.717	3.078	0.20788	2.68129	3	X
K05ST2Q	17.2	0.15	K14C9	117.529	245.514	19.392	4.519	0.02302	2.75903	5	X
K05T03L	16.3	0.15	K14C9	22.304	322.265	37.815	15.188	0.30516	2.74635	3	X
K05T23Q	17.2	0.15	K14C9	321.216	239.842	191.393	12.704	0.14095	2.73268	3	X
K05T25C	17.4	0.15	K14C9	29.462	126.962	206.775	7.930	0.21684	2.78570	4	X
K05T41P	16.8	0.15	K14C9	45.973	133.115	204.235	12.781	0.29163	2.69707	2	X
K05T43Q	17.4	0.15	K14C9	60.401	132.346	186.535	8.448	0.28425	2.68960	4	X
K05T53W	17.1	0.15	K14C9	18.823	329.215	42.014	5.413	0.17628	2.70733	4	X
K05T55Y	16.8	0.15	K14C9	2.544	243.468	156.482	5.424	0.16032	2.70998	6	X
K05T61B	16.9	0.15	K14C9	98.944	32.916	254.183	3.274	0.06961	2.70170	3	X
K05T77D	17.3	0.15	K14C9	41.126	30.232	331.382	3.152	0.18974	2.67892	5	X
K05T84C	17.3	0.15	K14C9	15.322	34.652	355.180	6.127	0.05688	2.70029	5	X
K05T94U	17.0	0.15	K14C9	327.517	87.526	344.494	6.285	0.06067	2.72565	5	X
K05T99S	16.9	0.15	K14C9	339.352	53.889	11.181	7.424	0.22762	2.74731	3	X
K05TA3D	17.3	0.15	K14C9	61.385	124.288	199.645	4.491	0.11601	2.72631	4	X
K05TB9M	16.8	0.15	K14C9	15.613	354.664	16.531	3.433	0.04976	2.73784	6	X
K05TC0U	17.2	0.15	K14C9	56.191	302.123	28.504	4.968	0.14049	2.71472	4	X
K05TC1P	17.6	0.15	K14C9	29.884	11.234	336.191	1.665	0.18613	2.73172	5	X
K05TC6B	16.6	0.15	K14C9	129.334	53.841	201.619	12.211	0.09331	2.73862	4	X
K05TD0E	17.2	0.15	K14C9	66.928	298.311	33.217	2.929	0.18122	2.69485	3	X
K05TD9O	16.8	0.15	K14C9	356.125	339.686	69.905	3.504	0.06412	2.70553	5	X
K05TF5S	16.7	0.15	K14C9	275.743	301.583	207.637	15.181	0.10025	2.66283	5	X
K05TF9X	17.1	0.15	K14C9	99.890	49.501	247.664	4.213	0.15966	2.68275	7	X
K05TG8N	17.0	0.15	K14C9	320.688	48.928	18.919	6.919	0.03603	2.76722	4	X
K05U01V	17.7	0.15	K14C9	7.527	5.345	32.716	11.517	0.31750	2.72934	3	X
K05U03N	17.0	0.15	K14C9	350.688	194.383	214.784	12.716	0.23380	2.75394	3	X
K05U07X	16.8	0.15	K14C9	8.093	167.560	220.564	10.131	0.28042	2.74114	4	X
K05U14B	17.3	0.15	K14C9	294.076	267.749	192.257	7.725	0.06795	2.75131	4	X
K05U21C	17.3	0.15	K14C9	54.738	313.401	25.342	9.443	0.17119	2.71706	2	X
K05U21V	16.4	0.15	K14C9	118.712	259.804	16.579	6.353	0.04322	2.74162	5	X
K05U41F	17.2	0.15	K14C9	47.229	344.755	22.961	3.385	0.14037	2.70014	4	X
K05U41G	16.9	0.15	K14C9	18.342	341.809	29.812	4.884	0.08229	2.77405	5	X
K05U44P	17.2	0.15	K14C9	346.421	320.608	94.371	2.803	0.12423	2.75854	4	X
K05U44Y	17.0	0.15	K14C9	351.385	224.366	183.876	6.000	0.03337	2.75649	8	X
K05U45A	17.7	0.15	K14C9	356.188	254.433	156.305	3.749	0.19232	2.74315	3	X
K05U48S	17.5	0.15	K14C9	29.589	70.312	296.576	2.512	0.20862	2.73840	3	X
K05U50W	17.4	0.15	K14C9	46.308	332.928	13.008	5.352	0.24187	2.72002	2	W
K05U57R	17.8	0.15	K14C9	38.410	109.333	215.814	18.102	0.39303	2.74573	3	X
K05U60G	15.9	0.15	K14C9	337.061	184.385	235.876	12.882	0.14834	2.77931	6	X
K05U71Q	16.7	0.15	K14C9	41.559	4.778	336.387	8.256	0.20581	2.73236	4	X
K05U75Z	16.0	0.15	K14C9	11.566	123.457	243.706	23.681	0.16019	2.76841	4	X

K05U83P	17.2	0.15	K14C9	91.338	91.433	213.899	7.999	0.16657	2.70073	5	X
K05U99J	17.6	0.15	K14C9	341.572	13.031	69.705	10.546	0.18491	2.72826	2	X
K05U99L	16.9	0.15	K14C9	314.296	340.380	107.670	4.857	0.06553	2.77117	5	X
K05UA1L	16.6	0.15	K14C9	320.057	351.146	87.370	5.099	0.07523	2.77507	5	X
K05UA2O	16.9	0.15	K14C9	27.665	308.959	59.054	7.515	0.06406	2.76785	5	X
K05UA7L	17.2	0.15	K14C9	18.234	291.534	95.139	3.466	0.08181	2.74861	5	X
K05UA9S	16.3	0.15	K14C9	54.044	277.267	40.485	13.260	0.21128	2.79845	6	X
K05UB0G	16.9	0.15	K14C9	348.249	138.089	263.209	3.323	0.10863	2.80760	4	X
K05UB1O	17.0	0.15	K14C9	54.829	89.791	247.846	8.354	0.22830	2.74263	4	X
K05UB3H	17.1	0.15	K14C9	355.344	150.470	254.764	3.131	0.06532	2.77774	5	X
K05UB4P	16.2	0.15	K14C9	342.552	220.423	200.081	12.959	0.22086	2.76124	3	X
K05UC2L	16.3	0.15	K14C9	44.256	138.277	230.746	4.944	0.06189	2.70841	6	X
K05UC9P	17.3	0.15	K14C9	27.780	135.873	230.843	5.717	0.07134	2.76142	3	X
K05UC9W	16.7	0.15	K14C9	321.104	42.192	41.614	14.102	0.06569	2.75922	4	X
K05UF1S	17.2	0.15	K14C9	16.888	352.740	31.157	3.684	0.09756	2.75683	4	X
K05UF9L	17.9	0.15	K14C9	349.165	227.707	238.107	6.241	0.46637	2.71641	2	X
K05UG3Z	17.3	0.15	K14C9	337.149	46.116	22.109	6.449	0.07530	2.73913	2	X
K05UH3F	17.4	0.15	K14C9	18.648	145.293	226.965	7.893	0.29411	2.74528	2	X
K05UH4H	16.6	0.15	K14C9	9.657	9.050	16.358	6.317	0.06671	2.78295	5	X
K05UI1C	17.2	0.15	K14C9	46.731	142.535	202.574	3.083	0.10643	2.77574	3	X
K05UI1L	16.7	0.15	K14C9	319.013	297.603	227.282	10.583	0.13755	2.61791	5	X
K05UI4U	17.1	0.15	K14C9	55.297	296.528	61.753	6.910	0.05350	2.73230	5	X
K05UJ3Z	17.2	0.15	K14C9	114.611	65.484	203.438	3.849	0.02278	2.77659	5	X
K05UJ5P	16.9	0.15	K14C9	36.271	320.842	36.276	6.827	0.03889	2.73670	3	X
K05UK7S	18.2	0.15	K14C9	32.424	162.477	191.943	3.266	0.27339	2.73015	2	X
K05UL0K	16.9	0.15	K14C9	52.463	65.626	281.233	1.668	0.04091	2.72310	6	X
K05UL2K	17.0	0.15	K14C9	47.277	274.686	62.402	6.925	0.07593	2.79389	6	X
K05UL2M	17.2	0.15	K14C9	29.585	300.480	65.286	5.096	0.11329	2.76391	4	X
K05UL9Q	17.1	0.15	K14C9	36.238	91.737	276.115	3.564	0.13275	2.71743	6	X
K05UM0D	17.4	0.15	K14C9	359.641	39.206	359.450	4.294	0.08718	2.75101	5	X
K05UM2B	16.8	0.15	K14C9	192.136	306.166	277.992	2.780	0.04282	2.70308	4	X
K05UM5Y	16.8	0.15	K14C9	346.458	37.441	19.255	7.723	0.04836	2.73827	3	X
K05UM9X	17.7	0.15	K14C9	336.002	280.672	163.692	2.215	0.23286	2.74376	5	X
K05UN3V	16.7	0.15	K14C9	64.624	152.133	178.822	5.052	0.17104	2.73159	6	X
K05UP6G	17.3	0.15	K14C9	340.868	38.903	35.908	9.889	0.18140	2.71190	3	X
K05UP7R	17.1	0.15	K14C9	332.681	228.071	191.897	3.532	0.08643	2.77615	6	X
K05UQ0J	17.4	0.15	K14C9	354.192	356.867	57.451	7.585	0.05151	2.74289	5	X
K05UQ2D	17.1	0.15	K14C9	59.400	170.694	161.282	2.362	0.09081	2.73582	4	X
K05UQ2W	16.9	0.15	K14C9	21.779	323.326	45.047	5.676	0.05992	2.72828	6	X
K05UQ9K	17.8	0.15	K14C9	36.949	164.084	175.736	1.829	0.14079	2.75425	3	X
K05UR6B	17.3	0.15	K14C9	44.037	322.851	19.394	3.727	0.10396	2.75822	4	X
K05US2O	17.1	0.15	K14C9	354.833	301.789	100.814	3.021	0.06332	2.74596	6	X
K05UT3S	16.9	0.15	K14C9	246.318	240.975	273.363	3.487	0.01071	2.76712	7	X
K05UU7G	16.9	0.15	K14C9	269.840	287.784	233.525	6.472	0.16622	2.73785	5	X
K05UV0M	17.2	0.15	K14C9	27.071	186.813	185.079	6.075	0.07991	2.70662	4	X
K05UV3Q	16.7	0.15	K14C9	31.710	198.069	147.935	9.457	0.30178	2.73821	4	X
K05UV5P	17.0	0.15	K14C9	55.602	288.254	65.517	6.888	0.04087	2.72945	6	X
K05UW4Q	16.9	0.15	K14C9	119.438	227.173	58.721	10.066	0.13818	2.71357	3	X
K05UW8T	17.2	0.15	K14C9	50.181	162.285	203.572	5.722	0.04376	2.69484	4	X
K05UX0D	17.1	0.15	K14C9	358.809	325.205	80.862	5.627	0.06726	2.76495	2	X
K05UX7T	16.9	0.15	K14C9	106.627	62.815	214.333	13.274	0.19260	2.73232	4	X
K05UY9V	17.1	0.15	K14C9	25.788	336.953	17.093	9.441	0.32507	2.75360	2	X
K05UZ8D	17.4	0.15	K14C9	26.996	17.792	335.872	1.715	0.18375	2.74364	5	X
K05Ua2Y	17.9	0.15	K14C9	353.336	173.008	219.363	5.039	0.05407	2.77298	3	X
K05Ua5F	17.1	0.15	K14C9	14.906	184.316	186.342	4.969	0.16894	2.77396	3	X
K05Ub7C	17.2	0.15	K14C9	12.182	7.826	30.305	12.552	0.10010	2.72784	3	X
K05Ub7G	17.1	0.15	K14C9	38.163	92.514	249.552	6.700	0.23868	2.74823	4	X
K05Uc3A	17.3	0.15	K14C9	68.776	146.859	168.938	3.541	0.19161	2.74357	6	X
K05Uc3V	16.8	0.15	K14C9	26.337	317.852	61.035	12.767	0.19539	2.70037	4	X
K05Ud2C	17.2	0.15	K14C9	333.022	353.973	66.855	5.212	0.06107	2.75809	6	X
K05Ud6D	16.5	0.15	K14C9	349.934	223.461	215.131	12.636	0.16385	2.70626	5	X
K05Ue6J	17.9	0.15	K14C9	51.020	166.806	164.113	3.458	0.19531	2.74019	3	X
K05Ue8Z	17.4	0.15	K14C9	344.210	206.936	193.604	5.782	0.05388	2.77499	3	X
K05Uf6X	17.5	0.15	K14C9	83.212	239.248	76.821	5.521	0.04182	2.73999	6	X
K05Ug8N	17.0	0.15	K14C9	30.660	135.259	244.171	5.220	0.01262	2.75076	7	X
K05Ug9E	18.0	0.15	K14C9	33.445	126.413	224.872	6.886	0.22778	2.75206	2	X
K05Ui3S	16.7	0.15	K14C9	52.068	75.653	252.401	7.626	0.16294	2.75103	5	X
K05Ui4H	16.8	0.15	K14C9	20.926	336.566	11.714	14.372	0.37473	2.76412	3	X
K05Uj2T	17.1	0.15	K14C9	279.160	239.177	261.059	3.873	0.05944	2.71415	8	X
K05U18A	17.5	0.15	K14C9	27.312	339.318	25.336	4.589	0.08327	2.76205	2	X
K05Um1Y	17.6	0.15	K14C9	356.518	78.378	323.975	7.115	0.25878	2.73882	3	X
K05Un7F	17.1	0.15	K14C9	40.151	217.632	139.312	5.559	0.25474	2.69253	5	X
K05V11D	17.3	0.15	K14C9	34.635	352.300	353.730	5.318	0.04853	2.80141	4	X
K05V12U	16.8	0.15	K14C9	316.257	186.250	258.843	3.081	0.07323	2.76308	9	X
K05V14F	16.7	0.15	K14C9	96.339	231.760	61.417	7.793	0.09021	2.77916	6	X
K05V16H	16.6	0.15	K14C9	4.981	4.151	52.220	14.142	0.13287	2.69747	3	X
K05V19W	16.9	0.15	K14C9	50.659	147.159	205.019	5.959	0.13825	2.71823	5	X
K05V22P	17.1	0.15	K14C9	66.237	259.795	53.895	9.718	0.24855	2.72951	4	X
K05V35P	16.6	0.15	K14C9	263.702	284.304	229.202	12.222	0.15427	2.73231	4	X
K05V50E	17.1	0.15	K14C9	0.040	171.810	255.343	6.200	0.10024	2.68726	4	X
K05V54D	17.7	0.15	K14C9	340.563	264.218	168.458	3.582	0.17779	2.74966	4	X
K05V58W	16.6	0.15	K14C9	34.787	98.913	265.618	5.164	0.07016	2.73872	6	X
K05V61L	16.9	0.15	K14C9	313.162	279.868	175.059	7.021	0.27937	2.79819	4	X
K05V74O	16.3	0.15	K14C9	343.723	212.800	228.878	14.111	0.15752	2.75240	4	X
K05V82M	17.5	0.15	K14C9	327.519	215.837	245.219	6.341	0.17788	2.72578	2	X
K05V92P	17.1	0.15	K14C9	54.248	121.190	203.972	4.530	0.05958	2.80042	5	X
K05V97R	17.1	0.15	K14C9	48.348	74.591	277.907	4.842	0.07693	2.75176	4	X
K05V99A	17.0	0.15	K14C9	239.256	0.223	179.963	4.992	0.05216	2.70962	8	X
K05VA5U	17.1	0.15	K14C9	261.878	155.394	20.312	9.431	0.07431	2.66237	4	X
K05VB3X	17.6	0.15	K14C9	16.280	163.317	210.191	7.642	0.23388	2.77005	3	X
K05VB4M	16.3	0.15	K14C9	79.669	255.409	62.466	7.043	0.04988	2.79448	8	X
K05VB6P	16.9	0.15	K14C9	9.551	133.272	255.981	7.821	0.15825	2.75880	4	X
K05VC5A	16.9	0.15	K14C9	255.035	10.552	157.986	4.242	0.07272	2.93165	5	X
K05W21S	16.5	0.15	K14C9	135.420	355.408	281.588	3.253	0.04124	2.76084	7	X
K05W23N	16.7	0.15	K14C9	359.916	4.967	48.818	8.386	0.11613	2.75234	4	X
K05W36W	16.7	0.15	K14C9	15.695	312.305	77.119	7.627	0.29407	2.75175	3	X
K05W47G	16.4	0.15	K14C9	334.533	30.110	38.134	11.329	0.07005	2.72959	4	X

K05W77S	16.5	0.15	K14C9	14.237	324.713	63.941	7.531	0.05866	2.80407	4	X
K05W79F	16.9	0.15	K14C9	70.564	257.514	75.530	5.371	0.07668	2.80376	8	X
K05W81M	17.2	0.15	K14C9	32.790	112.283	268.945	2.461	0.10294	2.76720	5	X
K05WB4K	16.8	0.15	K14C9	346.324	22.140	47.023	8.454	0.25297	2.76743	4	X
K05WE7L	17.8	0.15	K14C9	24.707	285.271	97.891	9.614	0.31227	2.72082	2	X
K05WF2M	16.5	0.15	K14C9	19.677	301.064	63.011	12.228	0.17657	2.81259	6	X
K05WF5T	17.5	0.15	K14C9	349.766	233.935	192.586	8.520	0.26191	2.75390	3	X
K05WG2L	17.1	0.15	K14C9	39.139	285.013	72.055	10.262	0.25738	2.74138	3	X
K05WG9V	16.9	0.15	K14C9	26.208	294.613	89.023	4.536	0.09780	2.76778	5	X
K05WH2Q	17.4	0.15	K14C9	343.274	269.885	177.656	1.586	0.24348	2.73943	5	X
K05WH3K	17.2	0.15	K14C9	312.439	353.671	120.448	2.983	0.17471	2.79545	5	X
K05WH3L	17.3	0.15	K14C9	14.154	314.759	88.324	4.544	0.19369	2.74052	4	X
K05WI5Q	16.5	0.15	K14C9	351.617	190.212	232.601	8.856	0.25109	2.76045	3	X
K05WJ6H	17.1	0.15	K14C9	15.894	328.916	65.785	6.091	0.16339	2.80013	4	X
K05WLLL	17.2	0.15	K14C9	3.980	334.924	74.858	5.090	0.09700	2.77655	5	X
K05X34R	17.1	0.15	K14C9	13.647	261.994	142.934	0.430	0.07549	2.77739	7	X
K05X58W	17.0	0.15	K14C9	41.524	66.600	284.605	1.923	0.22437	2.77780	5	X
K05X81Z	17.3	0.15	K14C9	341.315	216.480	221.800	2.593	0.07021	2.77441	5	X
K05XA9A	17.0	0.15	K14C9	292.331	243.955	229.777	3.516	0.01886	2.79124	4	X
K05XB1A	16.7	0.15	K14C9	337.732	290.976	142.728	6.910	0.22021	2.94091	4	X
K05Y02H	17.2	0.15	K14C9	33.647	17.910	357.334	1.994	0.10705	2.75692	6	X
K05Y02P	17.2	0.15	K14C9	322.844	26.704	62.139	5.756	0.12851	2.78367	4	X
K05Y12L	17.2	0.15	K14C9	23.181	304.953	83.418	3.480	0.13149	2.79311	7	X
K05Y13D	18.4	0.15	K14C9	2.763	316.205	111.277	4.170	0.48028	2.74314	3	X
K05Y14A	17.4	0.15	K14C9	359.325	132.789	292.333	1.814	0.20710	2.79830	6	X
K05Y23W	16.9	0.15	K14C9	351.257	305.723	107.545	3.203	0.03930	2.87268	6	X
K05Y56W	16.9	0.15	K14C9	105.482	230.292	60.478	3.095	0.04091	2.87570	6	X
K05Y75K	16.6	0.15	K14C9	56.753	248.161	86.289	8.436	0.04005	2.89755	4	X
K05YG5W	16.4	0.15	K14C9	357.570	325.822	76.824	7.333	0.06337	2.86574	6	X
K05YM4O	16.8	0.15	K14C9	343.277	344.057	82.863	4.625	0.07193	2.79559	6	X
K06A18B	18.5	0.15	K14C9	246.890	32.660	126.303	3.191	0.09853	2.16883	6	X
K06A62C	16.7	0.15	K14C9	40.675	94.454	268.253	4.957	0.16771	2.86356	6	X
K06AA0V	17.1	0.15	K14C9	254.283	166.916	345.304	1.697	0.11363	2.94284	7	X
K06AA4H	17.7	0.15	K14C9	347.819	263.596	173.704	1.479	0.11301	2.84489	4	X
K06B21Q	16.9	0.15	K14C9	40.238	337.063	314.133	5.524	0.16933	2.30418	3	X
K06B26F	16.7	0.15	K14C9	354.227	325.870	153.108	10.028	0.19281	2.73613	5	X
K06B70O	16.0	0.15	K14C9	120.859	261.172	349.351	9.024	0.09338	3.10174	6	X
K06BF5F	17.9	0.15	K14C9	14.934	294.498	113.028	4.187	0.09704	2.15702	6	X
K06BN6G	16.1	0.15	K14C9	163.301	229.228	1.514	8.148	0.01976	3.00009	5	X
K06BR9E	17.0	0.15	K14C9	278.239	155.787	340.694	4.797	0.07479	2.97510	4	X
K06C41T	15.8	0.15	K14C9	5.315	63.635	327.923	9.368	0.12286	3.01733	5	X
K06D23T	16.2	0.15	K14C9	162.746	71.868	152.251	11.152	0.07003	3.11106	6	X
K06D24Q	18.5	0.15	K14C9	188.089	66.018	151.805	5.431	0.11771	2.22229	4	X
K06D30S	16.0	0.15	K14C9	197.819	184.125	349.441	10.562	0.03616	3.17230	4	X
K06D43Z	16.4	0.15	K14C9	311.563	8.124	159.147	11.815	0.09559	2.78783	6	X
K06D99O	16.9	0.15	K14C9	238.476	3.453	166.303	6.528	0.11442	2.99706	6	X
K06DE2N	15.6	0.15	K14C9	309.290	71.082	4.418	9.738	0.06791	3.07239	3	X
K06DF6L	16.7	0.15	K14C9	176.535	96.227	132.337	3.454	0.07264	3.05759	7	X
K06DGGK	16.3	0.15	K14C9	71.057	316.642	9.548	9.883	0.07244	3.08983	4	X
K06DI3X	17.7	0.15	K14C9	183.497	118.665	115.076	3.303	0.10274	2.22273	5	X
K06E15L	18.5	0.15	K14C9	311.744	303.531	162.845	4.363	0.08830	2.19159	6	X
K06E26H	16.6	0.15	K14C9	343.508	244.152	164.803	9.437	0.04977	3.02243	5	X
K06E30M	16.9	0.15	K14C9	264.422	135.020	5.921	10.511	0.00995	3.04236	4	X
K06E40V	16.8	0.15	K14C9	292.402	80.745	43.790	2.415	0.02934	3.01904	7	X
K06E53B	16.6	0.15	K14C9	310.657	76.856	8.999	8.374	0.12117	3.05687	3	X
K06F15K	18.4	0.15	K14C9	185.468	46.207	175.114	2.506	0.16619	2.23365	5	X
K06F15Z	17.8	0.15	K14C9	303.375	101.133	5.559	7.843	0.07764	2.21089	4	X
K06F27W	16.1	0.15	K14C9	337.388	229.615	199.919	10.718	0.07307	3.13070	4	X
K06F29U	17.7	0.15	K14C9	207.876	163.414	34.537	4.041	0.10351	2.25842	5	X
K06G02K	15.8	0.15	K14C9	192.130	193.949	28.518	14.991	0.17637	3.13509	4	X
K06G07J	16.2	0.15	K14C9	327.898	270.870	164.039	12.789	0.12792	3.06916	3	X
K06G30J	17.0	0.15	K14C9	219.043	23.793	165.350	5.272	0.11022	3.12583	5	X
K06G41B	16.1	0.15	K14C9	209.692	154.846	45.226	16.589	0.28035	3.09824	5	X
K06G46M	17.6	0.15	K14C9	184.416	11.007	202.537	11.302	0.16792	2.28189	5	X
K06G54G	17.7	0.15	K14C9	86.768	231.181	52.295	6.286	0.22474	2.35776	5	X
K06G55J	16.3	0.15	K14C9	120.524	259.089	33.417	12.102	0.04171	3.14501	6	X
K06H05U	17.5	0.15	K14C9	174.344	182.768	53.986	3.413	0.17481	2.27334	7	X
K06H21L	16.6	0.15	K14C9	264.106	20.985	140.975	4.038	0.08407	3.06032	7	X
K06H22Y	16.3	0.15	K14C9	130.125	100.969	193.964	10.132	0.03567	3.10927	7	X
K06H33U	16.7	0.15	K14C9	274.274	112.405	38.171	11.764	0.09345	3.06268	3	X
K06H53A	15.6	0.15	K14C9	220.181	131.465	75.208	10.288	0.09888	3.07207	5	X
K06H57R	17.1	0.15	K14C9	158.844	216.985	39.458	5.895	0.14090	2.26784	4	X
K06H67Z	15.7	0.15	K14C9	6.170	349.205	43.082	11.411	0.07356	3.24857	5	X
K06H68H	18.1	0.15	K14C9	117.065	239.767	31.699	4.020	0.15932	2.33077	5	X
K06H68R	16.1	0.15	K14C9	203.397	355.318	207.566	11.648	0.07094	3.19940	6	X
K06H72E	17.4	0.15	K14C9	272.034	63.755	92.657	6.931	0.12403	2.22238	6	X
K06H74B	16.6	0.15	K14C9	250.847	327.408	195.148	8.088	0.10561	3.14488	6	X
K06H87Z	16.3	0.15	K14C9	103.013	275.770	20.699	9.465	0.07339	3.16667	5	X
K06H88K	16.5	0.15	K14C9	313.893	87.646	18.687	11.718	0.08450	3.02916	4	X
K06HA0U	17.4	0.15	K14C9	192.443	125.613	98.915	4.739	0.07309	2.26449	5	X
K06HB5K	16.2	0.15	K14C9	134.488	234.427	45.768	10.093	0.06118	3.16362	5	X
K06HD3W	16.4	0.15	K14C9	313.490	62.257	7.839	10.932	0.02727	3.12738	4	X
K06HE9E	16.0	0.15	K14C9	319.177	232.562	237.662	21.971	0.11160	3.10332	6	X
K06HF3Q	15.8	0.15	K14C9	4.863	357.124	52.855	11.537	0.06824	3.18157	6	X
K06J10G	17.2	0.15	K14C9	264.014	109.822	43.773	6.458	0.13663	2.24003	6	X
K06J12T	16.5	0.15	K14C9	273.737	65.082	99.247	7.613	0.14081	3.05710	7	X
K06J15D	17.7	0.15	K14C9	68.339	268.481	41.560	6.314	0.22949	2.34944	3	X
K06J16Q	17.8	0.15	K14C9	231.625	35.064	151.162	2.632	0.13791	2.24329	6	X
K06J31E	15.8	0.15	K14C9	275.262	74.393	77.487	12.293	0.12099	3.08257	5	X
K06J31T	16.2	0.15	K14C9	215.167	83.885	117.496	5.127	0.09144	3.16015	7	X
K06J33W	16.2	0.15	K14C9	274.374	84.061	55.315	9.245	0.10375	3.13532	5	X
K06J48F	16.0	0.15	K14C9	184.945	177.392	55.328	16.894	0.13844	3.14816	5	X
K06J49H	17.9	0.15	K14C9	63.608	283.371	60.335	7.908	0.13737	2.29955	5	X
K06K10R	18.1	0.15	K14C9	70.830	255.339	66.296	5.518	0.22331	2.35673	4	X
K06O01J	18.0	0.15	K14C9	48.661	225.907	121.527	6.380	0.24703	2.43100	3	X
K06O14X	17.7	0.15	K14C9	81.705	225.469	68.087	3.752	0.24561	2.42935	4	X
K06P08O	17.7	0.15	K14C9	59.240	68.670	271.044	0.824	0.19384	2.41773	5	X

K06P11E	17.4	0.15	K14C9	72.419	5.841	321.734	1.811	0.22456	2.42487	6	X
K06Q07C	17.7	0.15	K14C9	48.358	223.392	126.760	3.442	0.20780	2.45454	5	X
K06Q37Y	16.9	0.15	K14C9	53.005	265.219	49.169	6.744	0.15929	2.48466	4	X
K06Q77S	17.8	0.15	K14C9	68.880	197.426	114.476	3.508	0.19806	2.46156	5	X
K06QC2D	17.6	0.15	K14C9	73.566	121.852	196.891	6.018	0.26319	2.44578	4	X
K06QE6H	17.8	0.15	K14C9	90.114	305.421	358.338	2.105	0.22165	2.43256	8	X
K06QE7N	17.7	0.15	K14C9	6.673	260.040	152.799	4.686	0.17385	2.46011	6	X
K06R18E	15.0	0.15	K14C9	28.970	335.811	10.463	10.697	0.29339	3.94714	2	X
K06R22N	15.5	0.15	K14C9	19.607	121.956	235.736	8.504	0.29197	3.94296	2	X
K06R58K	17.3	0.15	K14C9	206.807	216.343	356.760	2.314	0.13302	2.43604	6	X
K06R75D	15.7	0.15	K14C9	36.452	308.832	25.954	1.317	0.29655	3.92410	3	X
K06RB4D	17.5	0.15	K14C9	216.167	10.881	186.244	3.393	0.18806	2.46198	7	X
K06RC1K	18.0	0.15	K14C9	349.802	194.715	211.371	5.996	0.13083	2.53563	4	X
K06S08C	17.2	0.15	K14C9	30.846	157.748	191.803	23.223	0.08482	1.93652	4	X
K06S20J	18.0	0.15	K14C9	65.346	173.291	172.953	5.561	0.07592	2.45512	7	X
K06S25B	18.2	0.15	K14C9	24.423	31.113	4.584	2.464	0.17904	2.46527	5	X
K06S67X	18.2	0.15	K14C9	18.623	358.913	36.224	3.001	0.08689	2.46337	3	X
K06S70X	15.6	0.15	K14C9	34.702	145.554	196.021	13.827	0.23261	3.99586	4	X
K06S84Q	16.2	0.15	K14C9	1.245	209.161	173.191	2.979	0.21426	3.99677	2	X
K06S87H	16.1	0.15	K14C9	20.777	349.802	16.649	2.762	0.21940	3.96423	4	X
K06SA0M	17.8	0.15	K14C9	214.750	12.795	184.402	3.992	0.08971	2.44876	6	X
K06SA5Q	18.6	0.15	K14C9	9.339	193.250	187.180	1.509	0.18776	2.52796	3	X
K06SB2X	18.1	0.15	K14C9	84.847	354.386	319.561	0.608	0.17521	2.44156	6	X
K06SB5S	16.8	0.15	K14C9	42.521	62.708	269.749	15.046	0.26252	2.51399	6	X
K06SB6Y	17.9	0.15	K14C9	23.769	336.844	25.936	5.012	0.08816	2.54274	6	X
K06SK7L	18.0	0.15	K14C9	63.379	52.095	281.117	2.722	0.22169	2.48457	5	X
K06SL7Y	21.5	0.15	K14C9	359.137	50.013	23.699	6.612	0.43960	1.92857	2	X
K06SM0T	18.6	0.15	K14C9	16.900	199.237	188.502	22.279	0.07163	1.91559	2	X
K06SM9V	18.1	0.15	K14C9	16.320	181.404	219.638	5.474	0.12537	2.46717	3	X
K06SN5N	17.9	0.15	K14C9	54.116	179.760	164.542	5.248	0.19308	2.45005	5	X
K06SO7B	17.3	0.15	K14C9	313.326	79.664	13.728	4.997	0.04682	2.47379	4	X
K06SQ1T	17.7	0.15	K14C9	16.558	168.452	195.583	6.402	0.25584	2.54596	3	X
K06ST9O	18.5	0.15	K14C9	14.205	170.204	183.305	5.007	0.27838	2.54647	3	X
K06SU8E	18.5	0.15	K14C9	31.906	140.180	210.248	6.588	0.26325	2.51671	3	X
K06SW2B	15.7	0.15	K14C9	18.513	215.161	146.959	3.460	0.28238	3.97551	3	X
K06SY4G	16.9	0.15	K14C9	101.731	275.240	9.731	11.171	0.10377	2.52092	3	X
K06SY7S	18.6	0.15	K14C9	15.930	352.515	14.868	9.452	0.25993	2.53743	3	X
K06SY9L	16.6	0.15	K14C9	18.687	256.292	111.716	1.757	0.34521	3.95200	2	X
K06Sa1L	17.4	0.15	K14C9	6.040	205.116	199.565	9.494	0.15877	2.52390	5	X
K06Sa4P	17.3	0.15	K14C9	15.214	14.688	25.246	5.496	0.18735	2.53352	3	X
K06Sa5X	17.6	0.15	K14C9	0.352	12.873	33.697	16.376	0.13269	2.52925	3	X
K06Sc7C	16.3	0.15	K14C9	18.276	231.608	131.689	3.734	0.29162	3.95087	2	X
K06Sd2Y	16.5	0.15	K14C9	123.099	221.195	53.913	13.949	0.14193	2.56596	5	X
K06Sd9D	18.0	0.15	K14C9	38.423	150.643	210.756	5.020	0.19352	2.49016	5	X
K06Se4Z	17.8	0.15	K14C9	33.179	107.628	243.711	5.459	0.28565	2.55573	3	X
K06Se7A	16.0	0.15	K14C9	49.943	299.612	25.826	3.040	0.24227	3.97000	4	X
K06Sf0M	16.8	0.15	K14C9	31.638	126.596	218.811	5.867	0.31851	3.93848	2	X
K06Sf2J	16.3	0.15	K14C9	49.686	119.720	227.301	7.871	0.18507	3.97026	4	X
K06T27X	17.9	0.15	K14C9	326.775	248.827	205.495	4.280	0.22492	2.53508	4	X
K06T33L	16.3	0.15	K14C9	27.635	326.182	45.120	3.692	0.23844	3.93247	3	X
K06T34Q	18.4	0.15	K14C9	6.715	79.748	318.650	1.695	0.19375	2.52950	3	X
K06T38L	18.2	0.15	K14C9	43.954	92.769	240.083	0.661	0.22842	2.54750	4	X
K06T48S	17.6	0.15	K14C9	44.734	304.993	40.228	15.565	0.15932	2.53886	4	X
K06T50R	17.9	0.15	K14C9	9.583	342.887	46.428	5.665	0.25983	2.54284	4	X
K06T51G	17.5	0.15	K14C9	16.513	335.326	47.507	4.852	0.11663	2.55150	4	X
K06T57N	19.2	0.15	K14C9	25.844	315.137	42.095	6.015	0.29686	2.53623	3	X
K06T80W	17.1	0.15	K14C9	54.409	79.559	255.382	4.946	0.17428	2.52584	4	X
K06T90O	17.4	0.15	K14C9	355.251	56.905	348.960	2.524	0.11972	2.55588	4	X
K06TA2U	15.4	0.15	K14C9	39.745	122.299	219.976	14.296	0.31936	3.95512	3	X
K06TC1T	17.8	0.15	K14C9	315.496	200.410	240.301	3.520	0.09384	2.57204	4	X
K06TC4S	18.8	0.15	K14C9	340.283	233.118	213.575	20.623	0.09615	1.91247	3	X
K06TC5H	17.6	0.15	K14C9	38.846	306.725	42.048	7.855	0.13575	2.55612	4	X
K06TC7T	18.1	0.15	K14C9	14.852	211.677	172.409	1.476	0.18636	2.53537	3	X
K06U06A	17.9	0.15	K14C9	25.047	300.083	48.915	2.288	0.20628	2.55759	3	X
K06U12K	18.1	0.15	K14C9	27.570	180.691	188.378	5.335	0.19649	2.52564	3	X
K06U22B	18.0	0.15	K14C9	10.245	166.727	242.890	1.994	0.08737	2.48504	4	X
K06U24L	17.3	0.15	K14C9	356.888	18.800	25.225	15.380	0.05895	2.52729	4	X
K06U31E	17.9	0.15	K14C9	13.503	17.427	354.959	0.758	0.12401	2.55559	3	X
K06U44A	17.8	0.15	K14C9	21.493	200.815	189.234	1.348	0.06858	2.51759	4	X
K06U50A	18.0	0.15	K14C9	3.119	45.955	352.823	6.025	0.15814	2.52322	5	X
K06U50Y	15.6	0.15	K14C9	30.096	26.641	324.187	2.004	0.26681	3.94365	4	X
K06U55F	17.4	0.15	K14C9	27.087	133.479	241.144	6.456	0.22771	2.52238	4	X
K06U61C	17.7	0.15	K14C9	12.717	153.146	245.485	6.345	0.14895	2.52622	4	X
K06U80O	17.8	0.15	K14C9	107.861	77.519	207.694	14.706	0.11184	2.52086	5	X
K06U81Q	17.6	0.15	K14C9	357.499	345.916	60.794	4.314	0.22538	2.54521	3	X
K06U87K	17.8	0.15	K14C9	28.027	127.656	232.612	4.141	0.20510	2.55606	4	X
K06U89W	15.4	0.15	K14C9	36.396	332.657	23.931	4.647	0.29445	3.98581	4	X
K06U90P	15.5	0.15	K14C9	47.109	314.342	37.357	5.183	0.25847	3.96229	5	X
K06U97C	18.1	0.15	K14C9	352.199	238.375	175.322	3.048	0.22784	2.53669	3	X
K06U99J	18.0	0.15	K14C9	48.428	156.550	183.198	4.936	0.22501	2.52638	4	X
K06UA1F	17.6	0.15	K14C9	25.683	272.811	90.529	3.994	0.11538	2.55128	5	X
K06UB2L	18.4	0.15	K14C9	31.551	63.387	307.736	2.040	0.19170	2.47474	4	X
K06UB8U	17.8	0.15	K14C9	347.085	32.229	30.902	13.637	0.24288	2.53175	4	X
K06UC1N	18.0	0.15	K14C9	317.856	263.927	200.821	12.376	0.19948	2.52131	3	X
K06UD2N	17.7	0.15	K14C9	15.758	338.997	57.132	1.020	0.07031	2.51118	5	X
K06UD7P	18.5	0.15	K14C9	27.578	336.780	12.822	5.210	0.27877	2.55529	3	X
K06UD8B	17.8	0.15	K14C9	356.612	23.504	13.548	8.629	0.16340	2.56538	3	X
K06UG5D	18.5	0.15	K14C9	30.920	249.405	116.333	2.530	0.16790	2.51739	3	X
K06UG5T	15.7	0.15	K14C9	37.311	174.058	183.444	8.610	0.14429	3.95035	3	X
K06UJ3E	15.5	0.15	K14C9	358.664	21.970	356.614	13.959	0.29577	3.96525	2	X
K06UJ5Y	18.7	0.15	K14C9	53.808	145.907	217.700	21.333	0.08174	1.91343	3	X
K06UK1M	18.8	0.15	K14C9	356.585	356.038	54.395	1.230	0.22695	2.54947	4	X
K06UK8U	17.9	0.15	K14C9	5.949	333.626	65.641	2.713	0.20517	2.53106	4	X
K06UM5P	17.7	0.15	K14C9	296.236	102.310	12.535	20.996	0.05375	1.90154	3	X
K06UP5A	17.8	0.15	K14C9	305.212	39.162	70.732	1.791	0.09272	2.54244	6	X
K06UQ2Q	17.2	0.15	K14C9	278.466	91.605	49.916	15.145	0.11269	2.54324	5	X
K06US1Z	17.7	0.15	K14C9	350.763	193.104	210.534	2.902	0.15909	2.57258	3	X

K06UX4D	17.9	0.15	K14C9	325.678	26.289	42.961	1.079	0.07446	2.53818	3	X
K06UX5N	17.1	0.15	K14C9	274.353	97.896	46.701	16.030	0.23322	2.58389	4	X
K06UY6K	18.9	0.15	K14C9	26.949	111.402	245.528	4.605	0.29020	2.53806	3	X
K06V07C	18.2	0.15	K14C9	52.276	133.964	233.715	19.941	0.08865	1.92027	5	X
K06V21O	18.2	0.15	K14C9	13.885	170.452	213.915	4.038	0.21390	2.52702	3	X
K06V28A	17.6	0.15	K14C9	11.272	122.158	256.717	8.370	0.21784	2.57102	3	X
K06V31D	17.5	0.15	K14C9	9.418	75.552	308.314	1.911	0.22220	2.56604	3	X
K06V46O	18.0	0.15	K14C9	23.447	110.470	279.396	1.161	0.15662	2.51900	4	X
K06V49X	17.3	0.15	K14C9	45.227	292.566	58.160	7.986	0.15253	2.56500	6	X
K06V59Q	16.4	0.15	K14C9	102.322	232.502	66.901	13.796	0.09336	2.54974	5	X
K06V61F	17.8	0.15	K14C9	344.757	24.351	53.649	3.443	0.17193	2.53916	3	X
K06V63R	17.4	0.15	K14C9	30.493	106.325	247.592	2.878	0.21638	2.57559	4	X
K06V68T	17.7	0.15	K14C9	349.673	213.719	205.763	0.763	0.18605	2.56812	3	X
K06V68W	17.3	0.15	K14C9	52.009	112.223	243.812	2.500	0.12761	2.54712	6	X
K06V71H	17.8	0.15	K14C9	23.466	323.378	69.774	4.041	0.06901	2.52678	3	X
K06V73O	18.4	0.15	K14C9	355.571	170.403	240.721	4.997	0.23840	2.55934	3	X
K06V77B	17.5	0.15	K14C9	276.751	309.669	190.171	3.691	0.12953	2.56415	4	X
K06V81T	18.6	0.15	K14C9	285.660	92.380	30.282	20.733	0.08651	1.92638	4	X
K06V94H	16.8	0.15	K14C9	310.481	210.244	249.506	9.542	0.12647	2.58847	5	X
K06V96A	17.3	0.15	K14C9	38.579	289.665	50.491	14.605	0.20358	2.57423	3	X
K06V96D	16.7	0.15	K14C9	315.178	33.183	51.125	12.621	0.01574	2.58701	3	X
K06V98C	18.1	0.15	K14C9	33.044	299.338	66.180	5.793	0.17719	2.54618	3	X
K06VA8R	17.5	0.15	K14C9	27.434	74.485	284.794	2.433	0.22725	2.56070	3	X
K06VA9N	17.9	0.15	K14C9	339.504	216.163	207.125	3.868	0.18249	2.56610	5	X
K06VC3C	18.2	0.15	K14C9	5.345	3.888	19.747	3.516	0.24972	2.57502	3	X
K06VC4C	16.6	0.15	K14C9	259.382	135.104	46.937	5.427	0.24152	2.55382	5	X
K06VC5A	17.5	0.15	K14C9	304.183	87.736	46.914	7.717	0.16521	2.53229	6	X
K06VC5M	17.6	0.15	K14C9	352.178	13.776	38.325	3.691	0.07246	2.56928	5	X
K06VC8Q	17.4	0.15	K14C9	58.369	339.166	1.542	4.238	0.17344	2.53068	5	X
K06VD5V	17.5	0.15	K14C9	261.422	210.059	291.375	1.107	0.15544	2.61764	7	X
K06VD8M	17.5	0.15	K14C9	14.746	135.375	239.640	10.100	0.19434	2.57280	3	X
K06VG9O	16.6	0.15	K14C9	39.823	288.933	76.540	2.842	0.18104	2.55316	6	X
K06W00Z	17.7	0.15	K14C9	56.517	285.076	46.809	2.572	0.18222	2.55240	4	X
K06W05N	15.7	0.15	K14C9	47.530	170.329	174.936	4.398	0.27486	4.00241	6	X
K06W06O	17.4	0.15	K14C9	48.135	144.514	191.338	5.493	0.16577	2.57751	5	X
K06W07P	18.0	0.15	K14C9	352.376	264.185	146.655	3.629	0.14167	2.56526	3	X
K06W13Z	17.2	0.15	K14C9	15.196	169.954	230.176	7.143	0.22198	2.53787	3	X
K06W16L	16.9	0.15	K14C9	319.796	196.455	278.196	3.920	0.18880	2.53422	4	X
K06W40X	16.5	0.15	K14C9	41.489	143.087	223.928	13.506	0.12050	2.54488	5	X
K06W44D	18.0	0.15	K14C9	21.599	172.928	199.332	5.450	0.16484	2.56022	3	X
K06W48B	17.9	0.15	K14C9	319.882	283.191	192.549	3.046	0.20288	2.54165	3	X
K06W76O	17.7	0.15	K14C9	10.516	326.576	57.915	6.974	0.25237	2.55618	3	X
K06W88A	17.5	0.15	K14C9	37.413	213.543	148.720	4.033	0.14640	2.55197	5	X
K06W95M	17.5	0.15	K14C9	108.001	203.832	98.714	3.068	0.09614	2.52544	5	X
K06W96T	17.8	0.15	K14C9	319.308	117.938	337.287	0.508	0.12224	2.56489	6	X
K06W99C	18.0	0.15	K14C9	48.362	276.016	67.516	12.709	0.22932	2.54637	3	X
K06WA1V	17.3	0.15	K14C9	354.564	291.802	123.998	4.586	0.23798	2.54954	4	X
K06WA7U	17.2	0.15	K14C9	353.023	130.977	293.432	2.266	0.27854	2.54843	3	X
K06WC1W	17.6	0.15	K14C9	28.879	259.670	126.930	6.152	0.20784	2.52080	3	X
K06WE7M	18.4	0.15	K14C9	1.774	359.127	58.015	5.232	0.19356	2.54068	3	X
K06WF1K	17.1	0.15	K14C9	274.818	141.546	21.823	5.018	0.19402	2.54610	5	X
K06WF2C	15.7	0.15	K14C9	49.745	123.714	218.412	1.638	0.22059	4.00569	5	X
K06WF4E	18.4	0.15	K14C9	14.287	328.018	62.067	6.249	0.26431	2.53907	3	X
K06WGLG	17.7	0.15	K14C9	329.958	211.837	210.040	1.855	0.04229	2.59573	4	X
K06WGV7	18.0	0.15	K14C9	9.177	172.050	235.836	2.820	0.14363	2.53623	4	X
K06WH1J	16.7	0.15	K14C9	184.592	139.131	72.389	12.261	0.09644	2.62442	5	X
K06WH5W	17.2	0.15	K14C9	13.705	169.880	210.128	3.839	0.28795	2.57468	3	X
K06W11U	16.7	0.15	K14C9	267.219	250.537	243.972	12.305	0.02472	2.59532	6	X
K06W13N	17.4	0.15	K14C9	18.942	134.125	255.949	18.625	0.09621	1.94099	4	X
K06WI6E	17.0	0.15	K14C9	353.943	25.116	31.183	17.378	0.20287	2.55611	5	X
K06WJ2W	17.5	0.15	K14C9	12.179	199.482	187.122	0.880	0.18315	2.57407	4	X
K06WK1V	17.6	0.15	K14C9	2.576	309.422	109.635	6.228	0.27355	2.56630	3	X
K06WK5A	17.8	0.15	K14C9	11.410	325.667	69.360	3.898	0.17317	2.57571	3	X
K06X06V	17.7	0.15	K14C9	27.462	75.239	297.608	2.472	0.17940	2.57641	4	X
K06X39D	17.2	0.15	K14C9	352.210	306.293	99.242	6.229	0.15458	2.64377	5	X
K06X59P	17.2	0.15	K14C9	18.771	318.722	59.364	5.008	0.20480	2.62035	3	X
K06Y00O	17.1	0.15	K14C9	13.036	300.013	77.840	4.327	0.21696	2.57883	4	X
K06Y13A	17.0	0.15	K14C9	310.961	39.140	85.818	5.140	0.25280	2.61272	6	X
K06Y15G	17.1	0.15	K14C9	5.332	100.473	298.682	2.985	0.21074	2.56211	3	X
K06Y19P	17.6	0.15	K14C9	325.488	157.697	305.104	3.175	0.14826	2.60529	7	X
K06Y21W	17.0	0.15	K14C9	351.541	326.318	82.353	6.982	0.16722	2.61643	4	X
K06Y36J	17.6	0.15	K14C9	309.374	55.636	75.844	5.194	0.19768	2.59124	4	X
K06Y37T	16.8	0.15	K14C9	205.890	127.080	77.362	5.771	0.07963	2.70496	5	X
K06Y47G	16.6	0.15	K14C9	335.333	196.536	260.864	4.682	0.07511	2.57701	8	X
K07A07K	17.3	0.15	K14C9	353.945	303.427	128.870	4.238	0.12818	2.58907	6	X
K07B01X	17.7	0.15	K14C9	347.278	217.104	199.718	1.629	0.07314	2.65504	5	X
K07B12F	16.6	0.15	K14C9	107.776	166.791	115.966	10.875	0.05385	2.75940	6	X
K07B14P	17.5	0.15	K14C9	314.004	137.390	347.553	3.037	0.11272	2.60985	5	X
K07B18Z	17.2	0.15	K14C9	335.945	320.525	130.916	4.225	0.16111	2.60461	3	X
K07B43F	17.4	0.15	K14C9	284.222	17.908	121.446	1.746	0.05058	2.65287	5	X
K07B53P	17.2	0.15	K14C9	19.486	284.643	96.835	3.947	0.09985	2.68696	4	X
K07B76Y	17.8	0.15	K14C9	1.543	69.934	332.472	2.102	0.35065	2.60288	2	X
K07B79M	17.8	0.15	K14C9	312.289	91.500	39.626	1.405	0.22416	2.62191	3	X
K07D07N	16.5	0.15	K14C9	321.303	69.537	48.296	8.942	0.20970	2.61189	4	X
K07D18W	17.3	0.15	K14C9	315.669	93.865	1.006	0.878	0.11008	2.72235	4	X
K07D19M	16.8	0.15	K14C9	11.294	38.062	349.004	3.457	0.07877	2.77402	4	X
K07D40E	16.8	0.15	K14C9	54.225	238.524	96.853	7.396	0.05260	2.72837	6	X
K07D46P	15.9	0.15	K14C9	65.631	270.965	330.801	12.143	0.23883	3.23994	2	X
K07D47S	18.1	0.15	K14C9	337.395	298.811	159.195	3.563	0.28668	2.61894	3	X
K07D55L	16.8	0.15	K14C9	61.513	252.403	73.084	2.974	0.07009	2.85815	3	X
K07D69Y	17.9	0.15	K14C9	326.795	91.710	351.506	4.238	0.23320	2.70042	3	X
K07D74H	17.1	0.15	K14C9	240.158	12.424	158.437	3.415	0.02788	2.76748	8	X
K07DA9P	16.5	0.15	K14C9	235.778	43.556	131.759	8.696	0.20777	2.77246	7	X
K07E05D	17.3	0.15	K14C9	240.385	7.073	163.819	3.013	0.04137	2.73953	5	X
K07E23T	16.3	0.15	K14C9	337.222	11.301	44.807	6.356	0.06343	2.87155	6	X
K07E28A	17.1	0.15	K14C9	16.884	79.810	308.944	4.263	0.07096	2.68625	5	X
K07E44D	16.9	0.15	K14C9	277.406	308.211	199.594	3.458	0.04447	2.76299	6	X

K07E87K	16.7	0.15	K14C9	292.883	97.993	42.850	9.192	0.07322	2.76091	4	X
K07E89K	17.4	0.15	K14C9	283.281	148.058	340.257	3.749	0.09751	2.72714	4	X
K07EB4H	15.3	0.15	K14C9	56.244	287.701	33.618	26.293	0.24740	3.16353	4	X
K07EE6V	17.2	0.15	K14C9	310.704	317.306	143.177	5.481	0.07353	2.77155	7	X
K07EF7W	17.2	0.15	K14C9	355.880	290.906	125.582	3.890	0.13860	2.67885	5	X
K07EF8A	17.3	0.15	K14C9	1.837	154.205	227.508	1.170	0.07673	2.86404	5	X
K07EH2F	16.8	0.15	K14C9	99.547	77.454	194.114	10.033	0.06945	2.99450	5	X
K07EL8T	16.8	0.15	K14C9	244.399	134.476	44.298	11.292	0.24585	2.77727	4	X
K07EM4D	16.7	0.15	K14C9	235.068	140.015	28.225	15.496	0.07877	2.85021	5	X
K07F06U	16.9	0.15	K14C9	357.371	61.296	357.423	4.107	0.05141	2.77283	6	X
K07F15Q	17.0	0.15	K14C9	277.286	251.236	277.045	3.144	0.17606	2.67466	4	X
K07F25U	17.1	0.15	K14C9	325.171	286.507	172.003	5.787	0.16458	2.68859	5	X
K07F31Q	16.9	0.15	K14C9	260.214	294.034	200.378	13.754	0.13918	2.87391	3	X
K07F48P	17.2	0.15	K14C9	275.121	133.799	13.328	5.127	0.10343	2.75826	6	X
K07F49C	17.0	0.15	K14C9	312.898	93.263	24.784	7.465	0.14087	2.76530	5	X
K07G05W	21.6	0.15	K14C9	90.619	261.086	32.692	23.818	0.28782	1.44788	3	X
K07G14Y	16.7	0.15	K14C9	270.712	315.850	215.473	9.568	0.23269	2.72432	4	X
K07G46J	15.8	0.15	K14C9	96.899	239.181	44.099	17.190	0.20833	3.12013	5	X
K07G48O	16.4	0.15	K14C9	111.669	214.025	54.452	10.254	0.19341	3.10917	3	X
K07G71J	15.7	0.15	K14C9	105.383	240.946	47.946	17.027	0.15258	3.04599	5	X
K07G73O	16.8	0.15	K14C9	259.890	93.664	83.523	8.656	0.16445	2.77809	6	X
K07H44Z	16.7	0.15	K14C9	345.566	30.590	33.462	9.687	0.12158	2.85030	6	X
K07H57G	16.7	0.15	K14C9	90.794	89.375	201.779	11.270	0.11380	3.11145	4	X
K07H67P	15.8	0.15	K14C9	235.321	117.440	44.012	11.284	0.05924	2.89876	5	X
K07J03Y	16.2	0.15	K14C9	288.346	69.374	51.416	15.591	0.10390	2.84938	4	X
K07J14M	16.7	0.15	K14C9	166.588	188.923	42.071	13.793	0.14709	2.97915	4	X
K07L06H	16.0	0.15	K14C9	72.762	101.877	209.804	23.276	0.12178	3.15382	4	X
K07L36T	15.9	0.15	K14C9	41.324	138.204	210.607	27.423	0.18069	3.15850	4	X
K07M00O	16.0	0.15	K14C9	283.738	132.770	119.419	32.399	0.22765	2.65870	4	X
K07N03F	16.1	0.15	K14C9	146.485	93.592	182.795	10.286	0.09082	3.09548	9	X
K07N05C	18.0	0.15	K14C9	349.017	20.498	165.881	19.342	0.88730	2.44426	3	X
K07P19P	18.1	0.15	K14C9	76.784	129.983	182.866	4.409	0.17728	2.23132	5	X
K07P28M	18.0	0.15	K14C9	64.003	154.725	176.087	5.119	0.20091	2.24051	5	X
K07Q05T	18.1	0.15	K14C9	78.440	158.917	151.413	4.502	0.23048	2.24587	5	X
K07Q08Z	18.1	0.15	K14C9	50.420	329.482	347.142	1.248	0.23787	2.28613	4	X
K07R24C	17.6	0.15	K14C9	5.083	186.481	197.436	5.439	0.16999	2.29257	3	X
K07R28H	17.5	0.15	K14C9	25.694	302.736	61.885	4.754	0.18918	2.27881	2	X
K07R31B	17.4	0.15	K14C9	356.665	212.941	192.775	9.865	0.21768	2.27346	3	X
K07R36X	17.9	0.15	K14C9	24.263	17.746	14.684	2.949	0.21710	2.26808	4	X
K07R54J	17.5	0.15	K14C9	105.529	7.192	287.464	3.574	0.17842	2.23875	4	X
K07R57T	18.2	0.15	K14C9	52.586	315.957	31.503	4.987	0.17179	2.29806	4	X
K07R73L	17.8	0.15	K14C9	43.786	3.349	349.302	4.660	0.14091	2.25737	5	X
K07R84E	18.7	0.15	K14C9	20.213	147.015	219.734	1.966	0.25316	2.29502	4	X
K07RA5A	18.1	0.15	K14C9	23.903	239.857	160.651	7.401	0.09887	2.22146	5	X
K07RD3E	18.0	0.15	K14C9	57.623	188.397	164.851	4.881	0.13674	2.24905	5	X
K07RD4C	17.9	0.15	K14C9	90.247	244.155	52.940	3.771	0.24566	2.24684	3	X
K07RD9G	17.6	0.15	K14C9	21.919	167.928	198.871	6.234	0.18308	2.28205	3	X
K07RF9K	17.4	0.15	K14C9	285.360	113.858	7.474	8.215	0.13156	2.26433	4	X
K07RH9O	18.2	0.15	K14C9	10.069	190.044	206.977	2.011	0.20991	2.32165	3	X
K07RI8H	18.3	0.15	K14C9	10.752	162.992	199.393	3.994	0.22599	2.31698	3	X
K07RI8P	18.5	0.15	K14C9	8.915	236.472	142.695	1.685	0.13024	2.29250	3	X
K07RI9L	18.5	0.15	K14C9	46.188	328.186	8.100	7.775	0.22754	2.28907	3	X
K07RK7O	18.0	0.15	K14C9	38.717	333.394	23.581	4.187	0.26535	2.27968	3	X
K07RL0Q	18.4	0.15	K14C9	60.762	13.896	317.914	3.459	0.08396	2.25387	5	X
K07RL3C	17.5	0.15	K14C9	15.774	49.456	339.738	6.457	0.11137	2.25925	4	X
K07RM8V	17.7	0.15	K14C9	29.040	9.788	3.806	4.478	0.16931	2.25320	5	X
K07RM8Z	18.1	0.15	K14C9	49.205	187.476	145.418	6.993	0.20021	2.26965	3	X
K07RO4U	18.6	0.15	K14C9	69.180	279.713	41.456	2.917	0.22382	2.27218	2	X
K07RQ6R	18.1	0.15	K14C9	58.193	300.938	32.202	2.660	0.22570	2.26882	3	X
K07RQ9V	17.9	0.15	K14C9	20.133	167.355	222.949	5.204	0.15829	2.27470	5	X
K07RR0L	17.4	0.15	K14C9	14.694	355.541	42.101	3.250	0.18780	2.33294	5	X
K07RR5Y	18.1	0.15	K14C9	78.322	295.756	30.032	7.776	0.13459	2.23683	5	X
K07RT1H	19.1	0.15	K14C9	23.466	171.429	184.276	6.062	0.27375	2.32415	2	X
K07RT3W	17.7	0.15	K14C9	86.719	256.745	27.582	5.718	0.16484	2.30369	3	X
K07RU2C	17.7	0.15	K14C9	278.395	304.259	194.551	21.308	0.26712	2.31366	4	X
K07RU2W	17.6	0.15	K14C9	26.685	344.010	24.954	8.218	0.16378	2.31543	4	X
K07RU9H	18.2	0.15	K14C9	42.740	358.867	7.068	3.246	0.16202	2.23616	4	X
K07RV7T	18.3	0.15	K14C9	18.818	307.708	78.115	2.119	0.19514	2.27611	4	X
K07RW2S	18.1	0.15	K14C9	40.382	345.294	10.370	6.864	0.08399	2.27391	4	X
K07S02J	18.5	0.15	K14C9	43.219	82.960	254.513	0.948	0.23764	2.28335	2	X
K07S17E	17.7	0.15	K14C9	84.300	274.720	12.911	8.233	0.16617	2.27898	4	X
K07S18S	17.8	0.15	K14C9	62.048	313.218	357.828	5.562	0.24225	2.32097	4	X
K07S19O	18.3	0.15	K14C9	252.335	357.622	156.267	1.849	0.03872	2.28295	7	X
K07T08N	17.3	0.15	K14C9	53.091	330.653	351.340	6.540	0.15566	2.33391	5	X
K07T11A	18.1	0.15	K14C9	27.360	334.527	29.899	5.605	0.26847	2.30109	3	X
K07T20X	18.5	0.15	K14C9	355.118	71.369	353.370	3.031	0.17099	2.28570	4	X
K07T21R	17.8	0.15	K14C9	48.899	282.720	49.574	5.128	0.19244	2.29374	5	X
K07T25G	18.9	0.15	K14C9	38.393	279.665	40.343	3.742	0.44764	2.31361	2	X
K07T27A	18.5	0.15	K14C9	33.834	338.968	12.036	1.125	0.22585	2.30872	4	X
K07T30M	17.9	0.15	K14C9	27.237	140.234	194.040	1.584	0.24969	2.35349	4	X
K07T33S	18.1	0.15	K14C9	341.722	33.196	40.659	2.786	0.21292	2.31866	4	X
K07T35A	17.7	0.15	K14C9	28.832	212.254	137.161	1.950	0.20081	2.33840	5	X
K07T44J	17.7	0.15	K14C9	58.930	11.092	310.416	3.226	0.25919	2.31156	2	X
K07T47G	18.1	0.15	K14C9	47.799	338.204	347.571	3.123	0.19255	2.32500	3	X
K07T49Q	18.4	0.15	K14C9	10.105	66.044	343.574	1.787	0.19978	2.28590	4	X
K07T50D	18.5	0.15	K14C9	29.227	356.369	2.457	2.743	0.22654	2.31088	3	X
K07T51Z	18.1	0.15	K14C9	358.454	204.949	218.755	2.836	0.14101	2.28685	4	X
K07T53S	18.6	0.15	K14C9	14.749	334.526	33.920	5.166	0.21394	2.33484	3	X
K07T58G	18.3	0.15	K14C9	55.223	109.724	212.899	2.822	0.25624	2.31797	3	X
K07T58J	17.5	0.15	K14C9	84.622	282.853	29.404	3.336	0.20109	2.28790	4	X
K07T61M	17.8	0.15	K14C9	42.588	292.350	30.528	9.905	0.25495	2.33750	3	X
K07T62N	18.2	0.15	K14C9	96.745	261.548	24.197	3.450	0.21915	2.29896	2	X
K07T63X	18.2	0.15	K14C9	38.832	155.887	200.008	5.895	0.24067	2.30594	3	X
K07T64O	17.9	0.15	K14C9	30.236	290.913	68.798	2.673	0.21131	2.32343	4	X
K07T69U	18.4	0.15	K14C9	4.823	42.801	13.392	2.040	0.20105	2.27605	4	X
K07T70E	18.2	0.15	K14C9	37.596	345.504	355.008	1.558	0.23752	2.31139	3	X
K07T74Q	18.2	0.15	K14C9	32.118	154.946	224.329	4.468	0.17009	2.27418	4	X

K07T77V	17.5	0.15	K14C9	17.453	2.386	15.678	9.065	0.04806	2.32703	4	X
K07T78E	18.2	0.15	K14C9	43.449	13.442	343.287	2.162	0.19499	2.29573	3	X
K07T87E	18.3	0.15	K14C9	334.326	265.144	180.627	5.256	0.14679	2.30958	4	X
K07T91L	18.3	0.15	K14C9	22.529	146.462	209.583	2.402	0.25374	2.28640	3	X
K07T93A	17.5	0.15	K14C9	77.722	143.859	170.090	4.843	0.16548	2.29719	5	X
K07T93X	17.9	0.15	K14C9	69.689	128.541	194.269	7.158	0.15215	2.30934	3	X
K07TA1Q	17.6	0.15	K14C9	127.467	249.653	36.578	6.689	0.15956	2.23381	4	X
K07TA4S	17.9	0.15	K14C9	64.433	121.475	204.352	8.423	0.17893	2.31668	4	X
K07TB4C	18.2	0.15	K14C9	32.961	86.765	266.261	3.379	0.25617	2.30992	3	X
K07TB6L	17.6	0.15	K14C9	263.523	242.511	279.148	3.706	0.10033	2.20166	4	X
K07TC2U	18.2	0.15	K14C9	26.588	160.698	193.738	5.371	0.25965	2.32438	4	X
K07TC3N	18.4	0.15	K14C9	13.030	261.301	113.728	1.696	0.19754	2.33227	4	X
K07TC4M	17.8	0.15	K14C9	18.360	299.956	71.651	2.504	0.21348	2.32114	3	X
K07TD3P	18.8	0.15	K14C9	35.332	320.604	39.901	5.225	0.26513	2.30485	3	X
K07TF3Y	17.5	0.15	K14C9	92.713	35.567	267.854	4.338	0.14025	2.27401	5	X
K07TG0F	17.5	0.15	K14C9	8.371	18.092	7.939	8.080	0.22728	2.33269	3	X
K07TG5V	17.3	0.15	K14C9	323.430	88.928	15.921	6.059	0.11920	2.27866	6	X
K07TG6Y	17.4	0.15	K14C9	332.090	65.423	8.162	5.361	0.16192	2.31914	4	X
K07TGY8	18.0	0.15	K14C9	358.960	91.329	316.780	3.950	0.13891	2.29843	4	X
K07TH0Y	17.9	0.15	K14C9	100.203	86.748	202.309	2.111	0.15553	2.28311	5	X
K07TH4L	18.4	0.15	K14C9	14.633	29.714	358.365	2.491	0.19125	2.29026	3	X
K07TH4Y	17.9	0.15	K14C9	42.071	127.636	220.346	3.326	0.14300	2.31513	5	X
K07TH7Q	17.8	0.15	K14C9	55.259	137.930	194.405	5.290	0.19948	2.30860	4	X
K07TH8L	17.8	0.15	K14C9	18.005	136.002	233.808	4.257	0.22647	2.33162	3	X
K07TI4N	18.7	0.15	K14C9	43.198	255.770	62.954	8.475	0.40950	2.32385	3	X
K07TJ1O	18.2	0.15	K14C9	35.558	336.735	16.517	6.938	0.17821	2.30908	3	X
K07TJ2S	17.4	0.15	K14C9	290.774	187.665	305.293	2.119	0.09404	2.27466	6	X
K07TJ9A	18.3	0.15	K14C9	320.517	208.417	260.866	1.497	0.15974	2.28703	4	X
K07TL1J	18.5	0.15	K14C9	49.404	336.285	345.042	5.223	0.29909	2.31407	2	X
K07TL1Z	18.0	0.15	K14C9	24.769	101.737	281.562	2.458	0.21262	2.29483	4	X
K07TM5V	17.9	0.15	K14C9	56.772	286.395	30.828	3.654	0.25823	2.31370	3	X
K07TM8R	17.8	0.15	K14C9	39.932	133.651	216.020	5.948	0.13698	2.32398	5	X
K07TM9P	18.0	0.15	K14C9	57.893	98.183	212.453	1.909	0.20862	2.34457	3	X
K07TN1H	18.0	0.15	K14C9	310.464	65.525	36.573	6.360	0.05838	2.29201	4	X
K07TN9B	17.8	0.15	K14C9	25.171	151.748	185.168	6.256	0.18624	2.35882	5	X
K07TO3R	17.5	0.15	K14C9	27.299	119.694	254.480	5.842	0.17252	2.29336	6	X
K07TO4L	17.0	0.15	K14C9	11.771	70.589	312.252	6.951	0.10528	2.31544	3	X
K07TP4H	18.8	0.15	K14C9	25.689	185.270	187.114	5.453	0.24875	2.30897	2	X
K07TP5N	17.9	0.15	K14C9	354.428	195.684	237.519	5.665	0.05611	2.26271	3	X
K07TQ2U	18.2	0.15	K14C9	38.887	128.769	215.903	4.471	0.23581	2.32760	2	X
K07TQ2W	18.8	0.15	K14C9	18.164	164.660	204.353	1.815	0.19299	2.34175	3	X
K07TQ8V	18.4	0.15	K14C9	67.657	160.142	164.048	1.408	0.23364	2.27891	2	X
K07TRI1H	18.6	0.15	K14C9	312.996	79.258	9.659	4.995	0.14539	2.34195	2	X
K07TR8C	18.7	0.15	K14C9	0.721	195.034	226.574	2.431	0.18614	2.27930	4	X
K07TS6T	18.7	0.15	K14C9	10.941	170.499	220.523	1.788	0.23503	2.29654	2	X
K07TT2A	17.1	0.15	K14C9	124.286	241.543	7.587	7.013	0.08843	2.32702	4	X
K07TT6S	19.2	0.15	K14C9	20.474	337.935	40.676	11.723	0.31850	2.30879	2	X
K07TT8J	17.8	0.15	K14C9	44.825	259.905	89.196	1.739	0.24765	2.30384	5	X
K07TU3S	18.6	0.15	K14C9	3.658	167.576	206.487	1.970	0.24960	2.35396	3	X
K07TV2C	19.0	0.15	K14C9	40.369	224.032	124.461	2.339	0.20664	2.30343	2	X
K07TV5W	18.6	0.15	K14C9	10.686	203.011	184.090	2.603	0.19220	2.32639	3	X
K07TWOX	18.5	0.15	K14C9	358.790	58.508	359.147	2.876	0.13774	2.26794	5	X
K07TW2L	17.5	0.15	K14C9	60.760	259.552	58.170	6.001	0.21674	2.30882	2	X
K07TX0R	15.6	0.15	K14C9	346.014	227.757	229.648	11.376	0.40330	3.62584	3	X
K07TX2T	18.2	0.15	K14C9	324.199	137.950	333.953	1.658	0.15798	2.29260	5	X
K07TX4A	18.3	0.15	K14C9	9.883	8.689	24.659	8.258	0.19502	2.32376	3	X
K07TX4D	18.8	0.15	K14C9	7.208	158.887	236.781	5.834	0.15884	2.32797	5	X
K07TX6H	18.2	0.15	K14C9	31.303	167.105	196.102	6.339	0.13057	2.27419	3	X
K07TX8Z	18.6	0.15	K14C9	343.468	244.468	197.378	4.518	0.11974	2.29923	3	X
K07TZ3V	18.2	0.15	K14C9	29.704	227.930	140.814	1.991	0.15252	2.30313	3	X
K07TZ8S	17.1	0.15	K14C9	269.785	301.727	200.367	28.714	0.24130	2.30278	5	X
K07Ta3L	17.7	0.15	K14C9	359.306	334.711	69.687	3.515	0.21835	2.34268	3	X
K07Tb4A	18.1	0.15	K14C9	37.693	214.079	144.913	4.801	0.26049	2.31195	3	X
K07Tb5N	18.2	0.15	K14C9	53.539	316.985	19.853	12.434	0.20553	2.26633	3	X
K07Tc6S	17.7	0.15	K14C9	66.003	76.069	240.448	0.759	0.20215	2.33443	4	X
K07Td8B	18.7	0.15	K14C9	35.249	74.655	285.453	2.964	0.24177	2.30448	2	X
K07Td9E	18.9	0.15	K14C9	10.968	17.091	3.562	4.102	0.12557	2.33726	2	X
K07Te1M	17.7	0.15	K14C9	70.760	345.412	346.648	2.473	0.15290	2.24783	7	X
K07Tf2N	17.3	0.15	K14C9	51.062	38.426	292.065	6.739	0.12960	2.31850	4	X
K07Tg5X	18.2	0.15	K14C9	43.511	291.821	50.320	6.794	0.28135	2.30894	2	X
K07Tj0W	16.9	0.15	K14C9	123.642	41.251	240.356	9.611	0.13209	2.26994	5	X
K07Tj1H	17.4	0.15	K14C9	41.723	299.402	64.691	7.109	0.13543	2.29234	4	X
K07U02V	17.6	0.15	K14C9	357.346	357.991	63.620	7.780	0.12548	2.29832	3	X
K07U10J	17.9	0.15	K14C9	0.419	164.705	219.603	3.794	0.24618	2.34473	3	X
K07U23D	16.9	0.15	K14C9	74.809	255.276	63.139	6.023	0.17953	2.30242	6	X
K07U24N	17.7	0.15	K14C9	61.968	146.260	192.749	6.491	0.17275	2.29800	4	X
K07U33M	17.5	0.15	K14C9	26.580	111.399	261.181	5.083	0.14661	2.31602	6	X
K07U34Q	17.2	0.15	K14C9	22.785	86.398	247.657	9.519	0.23702	2.36819	3	X
K07U35E	18.6	0.15	K14C9	7.354	223.816	169.883	6.771	0.25078	2.30635	2	X
K07U35G	17.8	0.15	K14C9	29.201	294.453	84.345	4.924	0.15848	2.27932	5	X
K07U49Z	17.8	0.15	K14C9	2.657	214.240	195.870	5.500	0.16228	2.32632	6	X
K07U53V	18.0	0.15	K14C9	50.200	297.389	39.310	3.935	0.19015	2.32466	3	X
K07U57A	19.4	0.15	K14C9	16.567	167.661	210.779	1.767	0.23331	2.32334	2	X
K07U58J	17.9	0.15	K14C9	41.985	273.662	53.160	3.384	0.18975	2.36360	3	X
K07U59C	18.8	0.15	K14C9	31.084	325.960	40.670	7.421	0.18140	2.31548	2	X
K07U63N	18.3	0.15	K14C9	39.461	151.965	210.019	1.928	0.21769	2.28803	4	X
K07U68C	17.4	0.15	K14C9	18.093	315.682	66.763	7.132	0.12779	2.31280	5	X
K07U68N	17.6	0.15	K14C9	58.528	232.111	97.932	2.777	0.24136	2.30217	4	X
K07U78F	17.7	0.15	K14C9	53.142	114.057	242.357	6.235	0.13700	2.27173	4	X
K07U87Q	18.3	0.15	K14C9	320.286	205.079	264.881	2.019	0.14452	2.31539	4	X
K07UA2G	18.1	0.15	K14C9	64.395	103.897	226.509	6.071	0.23423	2.31672	5	X
K07UA3O	18.8	0.15	K14C9	25.161	309.727	69.968	4.762	0.28015	2.31354	3	X
K07UA5H	18.5	0.15	K14C9	334.255	284.404	160.070	2.404	0.19183	2.34257	3	X
K07UA7T	17.5	0.15	K14C9	28.828	323.626	19.994	6.745	0.13757	2.34269	3	X
K07UB9Q	18.7	0.15	K14C9	25.667	183.057	202.945	6.586	0.09920	2.27772	5	X
K07UC3J	18.1	0.15	K14C9	10.412	275.816	117.060	4.877	0.22635	2.30913	2	X
K07UD7Y	18.3	0.15	K14C9	16.100	20.734	14.690	6.404	0.19060	2.31068	4	X

K07UE1T	17.6	0.15	K14C9	324.429	244.969	215.370	5.834	0.09054	2.33448	4	X
K07V04R	17.4	0.15	K14C9	356.682	72.005	314.759	7.543	0.27098	2.35963	3	X
K07V07N	18.6	0.15	K14C9	22.095	0.207	25.226	2.911	0.20906	2.31447	2	X
K07V09R	17.9	0.15	K14C9	53.044	114.747	229.007	7.973	0.23582	2.30894	4	X
K07V50L	17.8	0.15	K14C9	359.831	151.620	258.426	6.294	0.08549	2.32299	5	X
K07V57A	17.7	0.15	K14C9	48.482	233.011	122.786	4.130	0.19705	2.30438	5	X
K07V59J	18.9	0.15	K14C9	12.313	48.522	337.441	1.881	0.24866	2.33469	2	X
K07V60S	18.7	0.15	K14C9	339.969	174.779	265.175	2.520	0.12838	2.32641	3	X
K07V61M	18.0	0.15	K14C9	84.007	329.014	341.116	1.790	0.22235	2.31936	5	X
K07V82Z	18.9	0.15	K14C9	28.314	312.891	53.188	8.136	0.26631	2.31094	3	X
K07V86E	18.0	0.15	K14C9	343.542	60.996	7.312	7.030	0.18571	2.32002	2	X
K07V97S	18.3	0.15	K14C9	338.224	182.957	255.293	5.180	0.12459	2.32559	4	X
K07VA2U	17.9	0.15	K14C9	98.362	260.170	44.545	4.740	0.14907	2.26332	6	X
K07VBLW	18.1	0.15	K14C9	13.646	170.271	230.567	2.943	0.15902	2.31624	5	X
K07VB3A	17.9	0.15	K14C9	34.025	281.823	62.473	6.619	0.26545	2.34850	3	X
K07VB7U	17.9	0.15	K14C9	0.045	173.329	242.294	6.361	0.09906	2.30035	4	X
K07VB8Q	18.2	0.15	K14C9	23.207	224.875	134.136	2.017	0.19034	2.36454	3	X
K07VCOE	19.2	0.15	K14C9	351.013	310.615	115.308	1.812	0.29760	2.30651	4	X
K07VC6V	17.6	0.15	K14C9	34.053	329.203	24.706	6.074	0.25694	2.32935	3	X
K07VE5B	17.9	0.15	K14C9	43.202	191.931	162.195	2.844	0.21297	2.32547	5	X
K07VFF6L	18.3	0.15	K14C9	28.797	33.538	320.514	2.150	0.20251	2.34793	4	X
K07VG2C	17.8	0.15	K14C9	67.299	295.519	35.913	6.183	0.18556	2.32257	7	X
K07VJ8D	18.0	0.15	K14C9	1.026	318.068	82.744	3.249	0.21011	2.40361	4	X
K07VK0Y	17.7	0.15	K14C9	264.855	289.572	222.057	4.866	0.10821	2.31988	5	X
K07VL3K	18.6	0.15	K14C9	338.207	305.103	132.853	2.893	0.18272	2.33142	3	X
K07VM3Y	17.5	0.15	K14C9	12.521	339.381	58.162	10.746	0.12164	2.30417	4	X
K07VNOB	18.4	0.15	K14C9	328.488	230.996	233.062	4.479	0.15684	2.30778	4	X
K07VNS5T	17.7	0.15	K14C9	51.942	297.919	59.409	7.512	0.13655	2.32742	4	X
K07VO3A	18.5	0.15	K14C9	302.712	324.354	149.613	2.690	0.12420	2.32173	4	X
K07VO7Q	17.9	0.15	K14C9	51.105	181.870	168.051	5.659	0.14719	2.31280	6	X
K07VQ9Q	17.5	0.15	K14C9	12.886	288.605	116.346	5.167	0.13521	2.32029	4	X
K07VR3R	18.4	0.15	K14C9	337.945	283.562	167.278	4.402	0.12372	2.30603	5	X
K07VSI1P	18.2	0.15	K14C9	0.092	161.694	231.878	0.453	0.19200	2.35834	3	X
K07VS5L	17.1	0.15	K14C9	143.627	177.147	71.026	8.315	0.11478	2.39237	4	X
K07VT2B	18.2	0.15	K14C9	342.832	273.824	150.622	1.364	0.16764	2.35914	4	X
K07VT3U	17.9	0.15	K14C9	289.969	7.783	110.576	3.576	0.12194	2.36453	5	X
K07VT9K	17.8	0.15	K14C9	331.117	358.729	91.025	3.133	0.17626	2.32864	3	X
K07VX4H	17.8	0.15	K14C9	340.338	21.236	39.163	2.744	0.19519	2.37039	4	X
K07W06Q	17.7	0.15	K14C9	351.202	18.541	30.521	7.098	0.21906	2.34382	3	X
K07W28K	18.1	0.15	K14C9	4.426	357.308	22.959	6.461	0.15295	2.35727	4	X
K07W43O	18.1	0.15	K14C9	40.460	127.315	211.952	5.111	0.25491	2.35023	4	X
K07W53D	18.8	0.15	K14C9	3.242	16.124	26.972	5.441	0.17272	2.33395	3	X
K07W60S	17.2	0.15	K14C9	22.374	6.104	19.806	3.398	0.15947	2.33403	7	X
K07X03Z	18.2	0.15	K14C9	23.992	122.192	262.534	2.613	0.23453	2.33191	5	X
K07X12B	18.5	0.15	K14C9	321.304	41.897	67.823	3.608	0.15291	2.31143	5	X
K07X28P	17.8	0.15	K14C9	271.099	58.300	77.730	7.792	0.12794	2.40158	4	X
K07Y03C	17.8	0.15	K14C9	37.683	274.382	85.170	2.540	0.19119	2.34301	6	X
K07Y03E	17.0	0.15	K14C9	235.315	135.324	19.770	6.620	0.06189	2.46907	4	X
K07Y05J	18.6	0.15	K14C9	28.994	339.038	28.236	1.738	0.19863	2.34990	2	X
K07Y43U	17.8	0.15	K14C9	8.572	350.520	28.048	1.567	0.19417	2.45294	4	X
K07Y53X	16.9	0.15	K14C9	332.408	104.805	302.752	7.694	0.20794	2.39126	3	X
K08A09F	18.7	0.15	K14C9	5.079	227.772	182.677	1.612	0.23752	2.37444	4	X
K08A09Q	18.5	0.15	K14C9	350.341	281.107	142.511	3.469	0.17064	2.39925	3	X
K08A13F	18.1	0.15	K14C9	348.966	182.760	259.661	3.639	0.13168	2.36984	5	X
K08A52F	17.7	0.15	K14C9	4.489	282.981	110.729	3.472	0.18714	2.41072	4	X
K08A57V	17.5	0.15	K14C9	204.603	56.846	147.739	2.545	0.14585	2.48586	4	X
K08A61S	18.1	0.15	K14C9	13.824	240.091	160.173	2.431	0.20336	2.38547	7	X
K08A64A	17.9	0.15	K14C9	351.254	270.048	147.832	2.991	0.20145	2.41137	4	X
K08A72F	18.2	0.15	K14C9	310.861	30.234	89.197	4.870	0.16784	2.40292	4	X
K08A97S	18.3	0.15	K14C9	353.188	68.054	2.789	2.147	0.19629	2.37761	6	X
K08AA1R	18.2	0.15	K14C9	326.912	199.285	265.618	3.165	0.20894	2.36843	4	X
K08AA1V	17.8	0.15	K14C9	228.357	312.994	233.334	1.301	0.15836	2.45025	5	X
K08AA2R	18.0	0.15	K14C9	308.310	125.648	353.400	3.685	0.15483	2.42036	4	X
K08AB1Y	17.8	0.15	K14C9	6.043	28.784	26.846	0.773	0.18670	2.39557	4	X
K08AC8U	18.4	0.15	K14C9	294.127	108.127	19.847	1.776	0.13532	2.40932	7	X
K08B36Z	18.8	0.15	K14C9	353.605	241.932	174.214	2.397	0.17190	2.41134	3	X
K08C04A	17.7	0.15	K14C9	315.868	22.317	81.425	3.335	0.15337	2.42069	4	X
K08C06O	18.1	0.15	K14C9	255.599	183.155	337.746	0.829	0.12093	2.43284	5	X
K08C33J	18.2	0.15	K14C9	333.857	54.861	39.361	1.775	0.15334	2.41757	4	X
K08C65S	17.9	0.15	K14C9	286.196	254.629	241.342	1.457	0.16644	2.44536	5	X
K08CBOE	17.4	0.15	K14C9	158.478	51.880	199.887	3.388	0.05036	2.56169	7	X
K08CE6O	18.1	0.15	K14C9	301.441	254.243	214.581	3.132	0.06712	2.48982	5	X
K08CG6D	17.4	0.15	K14C9	156.609	231.479	10.516	2.174	0.10004	2.60295	5	X
K08CH4S	16.5	0.15	K14C9	132.433	93.669	181.417	9.513	0.16855	2.54672	8	X
K08CJ7Z	17.3	0.15	K14C9	145.628	252.491	356.172	7.610	0.16232	2.66635	4	X
K08CLOC	17.9	0.15	K14C9	349.820	84.591	354.454	2.096	0.18070	2.41039	5	X
K08D15W	17.0	0.15	K14C9	188.587	209.048	11.102	10.639	0.06106	2.53091	5	X
K08D47F	17.4	0.15	K14C9	241.020	73.703	101.056	3.733	0.15426	2.55665	5	X
K08D63S	18.4	0.15	K14C9	289.677	357.706	131.183	4.087	0.13494	2.48120	5	X
K08D67B	17.1	0.15	K14C9	322.859	102.938	343.369	10.791	0.10482	2.53892	4	X
K08D86F	17.9	0.15	K14C9	23.447	31.364	354.267	4.118	0.05580	2.51447	5	X
K08E12F	17.2	0.15	K14C9	83.147	285.003	16.597	8.381	0.12863	2.65873	5	X
K08E22U	16.8	0.15	K14C9	145.360	76.141	163.847	5.459	0.11049	2.63264	6	X
K08E29A	16.8	0.15	K14C9	158.813	213.693	32.523	12.338	0.13730	2.66521	5	X
K08E42N	16.9	0.15	K14C9	107.864	260.280	21.768	13.151	0.17697	2.72246	5	X
K08E46F	16.2	0.15	K14C9	66.387	99.776	248.825	7.546	0.10616	2.59214	6	X
K08E54G	17.3	0.15	K14C9	293.262	343.581	130.601	8.584	0.11066	2.54967	3	X
K08E57P	17.6	0.15	K14C9	204.111	113.636	89.659	4.805	0.12982	2.59651	4	X
K08E89D	16.6	0.15	K14C9	1.222	76.502	12.316	22.935	0.23675	2.37977	3	X
K08E96W	18.2	0.15	K14C9	296.377	321.863	172.777	2.249	0.13575	2.43637	6	X
K08E99N	18.8	0.15	K14C9	271.423	311.603	187.588	1.156	0.08040	1.85348	5	X
K08EB1X	17.7	0.15	K14C9	347.210	357.602	81.856	4.191	0.16865	2.45323	6	X
K08EC6E	17.4	0.15	K14C9	115.863	267.414	352.955	1.915	0.04904	2.71206	4	X
K08ED6L	17.2	0.15	K14C9	315.997	284.572	170.497	13.053	0.15540	2.53303	4	X
K08EE7N	17.1	0.15	K14C9	152.859	217.190	28.424	5.503	0.11034	2.64130	7	X
K08EF2L	17.0	0.15	K14C9	190.611	156.971	70.824	7.495	0.11492	2.57244	5	X
K08EF8H	17.9	0.15	K14C9	334.586	77.561	28.663	5.181	0.19116	2.42966	5	X

K08F07V	16.7	0.15	K14C9	21.074	179.033	178.288	13.112	0.04909	2.62371	4	X
K08F28G	17.8	0.15	K14C9	239.249	324.252	186.387	22.627	0.02016	1.90352	3	X
K08F41G	16.9	0.15	K14C9	59.084	282.483	54.940	7.024	0.05666	2.67246	6	X
K08F54V	16.6	0.15	K14C9	226.964	150.211	29.510	7.999	0.05411	2.62057	4	X
K08F64Z	17.3	0.15	K14C9	246.340	25.607	153.983	3.245	0.05669	2.57976	5	X
K08F69M	17.0	0.15	K14C9	274.517	95.921	42.778	12.888	0.12332	2.59106	5	X
K08F79W	17.2	0.15	K14C9	355.213	193.930	195.351	5.268	0.02613	2.66650	5	X
K08F96N	17.3	0.15	K14C9	264.681	336.851	184.284	7.121	0.22164	2.54169	6	X
K08F97E	17.6	0.15	K14C9	107.642	245.295	48.727	22.540	0.01226	1.91267	3	X
K08F98J	17.4	0.15	K14C9	59.869	211.011	111.121	5.901	0.11193	2.74024	3	X
K08F99N	16.4	0.15	K14C9	59.068	291.817	54.717	15.476	0.12756	2.68288	4	X
K08FB2H	16.1	0.15	K14C9	94.321	257.190	56.807	12.069	0.08292	2.68743	5	X
K08FC6L	17.1	0.15	K14C9	63.330	151.223	174.556	6.584	0.03700	2.71896	4	X
K08FC7D	17.2	0.15	K14C9	116.710	79.437	199.990	12.917	0.13441	2.78695	5	X
K08FD1S	13.9	0.15	K14C9	44.048	160.739	192.480	16.570	0.03566	5.21782	3	X
K08FD3Q	18.0	0.15	K14C9	192.776	49.522	164.425	2.966	0.06302	2.61722	6	X
K08FD5S	17.0	0.15	K14C9	293.332	257.213	215.722	14.503	0.07585	2.62637	4	X
K08G21O	15.7	0.15	K14C9	187.949	160.063	66.855	16.534	0.21772	2.64835	5	X
K08G30S	17.3	0.15	K14C9	128.813	166.924	99.043	2.789	0.03704	2.64438	6	X
K08G32C	13.7	0.15	K14C9	161.765	185.967	66.834	17.907	0.02982	5.24552	6	X
K08G36Y	16.2	0.15	K14C9	177.833	164.248	53.192	14.679	0.18860	2.70009	4	X
K08G37N	16.2	0.15	K14C9	39.879	318.943	51.936	12.334	0.00904	2.66686	4	X
K08G38J	17.4	0.15	K14C9	235.735	31.636	149.698	2.845	0.22406	2.60278	4	X
K08G46G	13.9	0.15	K14C9	57.773	308.406	60.343	25.709	0.04396	5.21225	3	X
K08G52R	17.3	0.15	K14C9	153.689	215.634	25.981	5.381	0.13069	2.67306	4	X
K08G60N	18.5	0.15	K14C9	215.151	155.665	30.502	21.777	0.10818	1.89254	4	X
K08G61T	13.7	0.15	K14C9	68.254	280.677	61.704	18.083	0.08888	5.24770	5	X
K08G78D	16.2	0.15	K14C9	183.044	183.686	52.064	14.108	0.19741	2.64114	5	X
K08G88Q	17.5	0.15	K14C9	15.147	308.468	89.241	3.286	0.02410	2.60833	6	X
K08G88V	17.0	0.15	K14C9	29.321	162.050	198.440	9.148	0.06459	2.68660	6	X
K08G99V	17.5	0.15	K14C9	12.634	83.736	45.208	12.518	0.13334	2.35133	5	X
K08GA0X	16.8	0.15	K14C9	159.046	216.845	45.066	11.757	0.09840	2.64305	4	X
K08GA4L	17.2	0.15	K14C9	63.088	237.032	107.788	4.231	0.09849	2.64973	3	X
K08GA5P	16.9	0.15	K14C9	12.106	307.420	90.665	6.547	0.20513	2.56813	5	X
K08GA5U	16.8	0.15	K14C9	169.696	180.880	52.044	10.425	0.16719	2.66581	5	X
K08GA7T	16.6	0.15	K14C9	62.724	97.493	233.450	6.738	0.23655	2.79185	5	X
K08GB5F	17.2	0.15	K14C9	74.278	186.309	120.763	5.923	0.14376	2.78984	6	X
K08GC3D	17.4	0.15	K14C9	236.415	346.977	203.496	7.931	0.12537	2.56697	5	X
K08GC4E	17.2	0.15	K14C9	91.278	273.930	20.610	21.501	0.10353	1.91061	3	X
K08GD6O	17.4	0.15	K14C9	107.259	133.454	167.077	6.860	0.04395	2.67297	5	X
K08GE0J	13.9	0.15	K14C9	209.140	124.064	96.667	15.408	0.04307	5.19268	4	X
K08J04S	16.3	0.15	K14C9	90.634	272.131	27.474	12.982	0.21243	2.78589	4	X
K08J08M	17.4	0.15	K14C9	210.290	113.762	90.099	6.236	0.22797	2.59326	5	X
K08J08R	16.7	0.15	K14C9	114.787	220.485	61.642	9.239	0.16356	2.66552	5	X
K08J33K	16.9	0.15	K14C9	265.175	314.345	216.309	28.786	0.13991	2.56303	3	X
K08K04C	17.6	0.15	K14C9	254.002	323.903	204.304	13.266	0.19121	2.61083	4	X
K08K31C	17.1	0.15	K14C9	223.939	31.966	177.869	8.960	0.06527	2.61843	5	X
K08K36D	16.8	0.15	K14C9	235.061	96.387	83.035	7.905	0.11863	2.62687	5	X
K08M01T	15.7	0.15	K14C9	85.048	79.609	240.041	15.750	0.11257	2.85147	4	X
K08M04W	16.8	0.15	K14C9	51.022	80.846	229.266	12.074	0.35184	3.09106	5	X
K08O07W	16.7	0.15	K14C9	77.246	108.796	215.899	3.044	0.22454	2.96525	6	X
K08O10G	16.2	0.15	K14C9	65.836	117.549	181.161	10.025	0.07208	3.12225	7	X
K08O16D	16.6	0.15	K14C9	27.062	74.693	286.138	3.995	0.18149	3.07225	5	X
K08O24L	15.9	0.15	K14C9	5.410	42.739	336.756	10.174	0.03888	3.18338	4	X
K08Q02T	16.4	0.15	K14C9	31.918	177.321	196.288	13.789	0.17458	3.08519	7	X
K08Q31W	16.1	0.15	K14C9	28.254	163.461	186.251	14.976	0.22238	3.20571	2	X
K08Q37T	16.9	0.15	K14C9	22.143	226.015	144.904	3.131	0.26790	3.19459	3	X
K08Q39P	16.8	0.15	K14C9	35.803	178.888	188.876	6.100	0.13988	3.16077	4	X
K08R11V	16.4	0.15	K14C9	116.292	271.495	12.635	9.521	0.03406	3.12775	4	X
K08R12U	16.2	0.15	K14C9	96.793	106.908	194.927	9.164	0.03746	3.00247	3	X
K08R13Q	16.0	0.15	K14C9	126.195	68.928	190.842	16.202	0.13845	3.13770	5	X
K08R18S	16.4	0.15	K14C9	84.007	127.990	195.412	10.310	0.06902	3.08750	5	X
K08R26C	16.0	0.15	K14C9	3.187	169.643	227.882	16.177	0.12573	3.11077	4	X
K08R29X	16.3	0.15	K14C9	49.101	3.571	354.101	1.276	0.11555	3.10882	5	X
K08R42S	16.8	0.15	K14C9	13.667	20.560	11.027	9.417	0.07048	3.17185	3	X
K08R76J	16.2	0.15	K14C9	42.466	278.339	91.344	6.935	0.16788	3.05810	7	X
K08R86T	17.3	0.15	K14C9	4.337	206.671	208.275	14.857	0.24980	3.18388	2	X
K08R87Z	16.5	0.15	K14C9	343.486	239.241	207.187	15.703	0.19114	3.15723	4	X
K08RA5K	16.0	0.15	K14C9	153.069	238.069	19.860	8.767	0.05427	3.16365	5	X
K08RB0M	16.9	0.15	K14C9	10.002	338.132	63.871	2.700	0.17363	3.18749	3	X
K08RBLJ	16.4	0.15	K14C9	319.631	72.346	16.690	11.654	0.04955	3.16659	4	X
K08RB3U	16.5	0.15	K14C9	344.088	220.223	195.058	4.919	0.12092	3.21014	3	X
K08RB5P	16.5	0.15	K14C9	338.996	239.102	181.816	5.605	0.12472	3.18035	4	X
K08RB7X	16.3	0.15	K14C9	20.585	187.282	211.717	9.150	0.08325	3.12715	6	X
K08RC5U	16.0	0.15	K14C9	39.502	168.232	198.230	9.614	0.09226	3.10431	4	X
K08RC7Q	16.7	0.15	K14C9	37.225	198.836	187.260	10.591	0.07934	3.04911	7	X
K08RC8B	16.5	0.15	K14C9	56.092	163.154	161.447	10.231	0.09139	3.10770	6	X
K08RC8F	16.1	0.15	K14C9	107.101	94.522	175.957	12.417	0.15040	3.14666	5	X
K08RD7W	16.2	0.15	K14C9	340.579	240.184	198.476	15.661	0.23072	3.19339	4	X
K08RE0O	16.2	0.15	K14C9	78.093	110.332	193.324	11.235	0.19671	3.13728	4	X
K08RE2N	15.5	0.15	K14C9	18.599	140.645	235.677	15.452	0.20954	3.18576	2	X
K08RE3G	16.7	0.15	K14C9	15.537	191.340	204.560	5.251	0.18891	3.14534	4	X
K08RE6D	16.4	0.15	K14C9	73.897	91.349	209.284	16.322	0.24378	3.19683	5	X
K08S28U	16.2	0.15	K14C9	57.027	37.976	310.590	2.953	0.11221	3.14751	7	X
K08S38R	16.2	0.15	K14C9	297.433	93.102	27.115	9.160	0.05475	3.16640	4	X
K08S64C	16.3	0.15	K14C9	56.228	116.055	232.650	16.891	0.14246	3.04592	7	X
K08SA2Z	15.9	0.15	K14C9	57.375	222.183	176.591	11.583	0.12894	3.00943	4	X
K08SA7S	16.1	0.15	K14C9	202.161	2.646	212.460	15.633	0.07991	3.09314	6	X
K08SA7T	16.5	0.15	K14C9	349.813	233.820	210.670	13.331	0.28092	3.16990	4	X
K08SB9J	16.4	0.15	K14C9	21.245	7.375	208.018	8.374	0.03132	3.19549	4	X
K08SD9D	16.5	0.15	K14C9	6.538	319.333	95.544	5.233	0.11621	3.21908	5	X
K08SE6G	16.7	0.15	K14C9	348.120	218.309	223.082	9.584	0.21250	3.14062	3	X
K08SF7T	16.1	0.15	K14C9	359.580	211.373	197.335	8.365	0.20790	3.19540	5	X
K08SI4Y	16.0	0.15	K14C9	351.212	203.481	226.915	16.606	0.14916	3.23007	4	X
K08SJ2B	16.3	0.15	K14C9	357.748	325.342	96.104	3.389	0.18649	3.22976	7	X
K08SK3S	16.4	0.15	K14C9	18.960	195.100	190.290	10.008	0.21762	3.27895	3	X
K08SL7J	16.4	0.15	K14C9	110.438	47.012	252.488	8.556	0.04525	3.10954	4	X

K08SL9D	15.9	0.15	K14C9	13.926	155.065	230.589	5.125	0.11865	3.20104	6	X
K08SM5Y	16.2	0.15	K14C9	69.523	301.200	34.495	10.359	0.09888	3.13674	4	X
K08SN7F	17.0	0.15	K14C9	308.914	125.220	327.996	2.306	0.06538	3.18407	3	X
K08SOOM	16.4	0.15	K14C9	343.447	19.855	59.115	10.539	0.06878	3.19315	5	X
K08SO5H	15.8	0.15	K14C9	149.282	43.704	211.073	21.732	0.06504	3.13912	5	X
K08SO6O	16.1	0.15	K14C9	52.961	143.857	202.017	9.208	0.08333	3.17445	5	X
K08SQ7T	16.2	0.15	K14C9	11.055	169.871	241.229	14.306	0.25112	3.19512	3	X
K08SR8K	16.1	0.15	K14C9	17.306	113.837	281.158	5.078	0.13645	3.18242	6	X
K08SS2X	16.1	0.15	K14C9	8.105	203.630	202.218	17.452	0.22151	3.15489	6	X
K08SU3D	16.2	0.15	K14C9	94.109	72.798	209.415	25.158	0.31232	3.13239	4	X
K08SU8K	16.2	0.15	K14C9	49.107	125.226	217.315	17.084	0.22690	3.19190	5	X
K08T32B	16.4	0.15	K14C9	71.294	198.827	143.823	1.565	0.04331	3.19036	6	X
K08T50P	16.4	0.15	K14C9	25.114	191.311	194.586	9.108	0.10827	3.18262	5	X
K08T54M	16.5	0.15	K14C9	37.822	134.447	228.584	2.423	0.17525	3.21187	3	X
K08T56O	16.7	0.15	K14C9	46.797	164.984	200.212	9.291	0.07359	3.18227	4	X
K08T65C	16.8	0.15	K14C9	32.777	154.541	212.110	14.290	0.26596	3.20260	2	X
K08T79L	16.0	0.15	K14C9	268.073	128.423	24.718	11.324	0.09828	3.14609	5	X
K08T84T	16.3	0.15	K14C9	6.906	19.111	20.962	10.067	0.00944	3.20415	4	X
K08T95L	16.0	0.15	K14C9	182.071	16.121	215.834	17.308	0.05663	3.10029	7	X
K08TDOO	16.5	0.15	K14C9	25.416	122.063	261.164	3.401	0.16496	3.22426	4	X
K08TF6Z	16.3	0.15	K14C9	30.054	308.220	48.066	5.682	0.17050	3.20285	4	X
K08TI7Z	15.9	0.15	K14C9	81.072	105.070	222.737	11.534	0.02511	3.20355	5	X
K08U07W	16.9	0.15	K14C9	53.617	322.695	26.968	1.625	0.23807	3.12069	4	X
K08U13X	16.5	0.15	K14C9	351.683	221.686	211.733	11.408	0.12446	3.14718	4	X
K08U14H	16.5	0.15	K14C9	336.841	247.040	194.375	10.549	0.06787	3.11611	5	X
K08U15O	16.1	0.15	K14C9	342.197	247.484	201.432	15.107	0.26511	3.18738	4	X
K08U30Y	15.5	0.15	K14C9	6.329	343.875	50.272	13.102	0.09892	3.34276	5	X
K08U68N	16.1	0.15	K14C9	298.386	38.353	95.035	6.284	0.14248	3.17320	6	X
K08UA7N	16.8	0.15	K14C9	22.956	270.706	105.064	5.887	0.23183	3.22846	2	X
K08UD9H	15.9	0.15	K14C9	346.714	36.550	44.945	9.653	0.06933	3.23945	4	X
K08UFOU	16.3	0.15	K14C9	323.076	52.249	45.397	10.406	0.04526	3.21445	3	X
K08UK7A	16.4	0.15	K14C9	303.244	84.252	15.261	10.909	0.04457	3.23133	4	X
K08UNOZ	16.7	0.15	K14C9	358.485	216.831	203.059	15.873	0.19074	3.18832	2	X
K08UN6B	16.5	0.15	K14C9	69.721	104.882	228.297	8.671	0.09345	3.20506	4	X
K08UPIQ	15.9	0.15	K14C9	77.540	295.343	37.928	5.898	0.13395	3.22709	6	X
K08UX8R	18.1	0.15	K14C9	243.350	143.092	25.852	1.944	0.05789	2.12556	5	X
K08Ua6M	16.8	0.15	K14C9	51.919	277.166	68.263	2.395	0.16178	3.23022	4	X
K08V73A	15.3	0.15	K14C9	40.366	277.136	68.155	17.148	0.09341	3.45789	6	X
K08W05J	16.3	0.15	K14C9	301.254	98.559	49.863	16.617	0.19882	3.18455	6	X
K08W14T	15.5	0.15	K14C9	65.115	105.856	229.444	23.657	0.15670	3.23322	4	X
K08W91O	17.1	0.15	K14C9	249.338	45.757	115.088	5.029	0.10754	2.23309	4	X
K08WDOA	15.5	0.15	K14C9	358.885	225.963	247.650	15.046	0.07802	3.14253	6	X
K08Y48M	17.7	0.15	K14C9	233.564	105.781	79.954	2.258	0.08236	2.19849	6	X
K08Y54M	17.0	0.15	K14C9	227.490	102.415	84.009	5.124	0.05941	2.21723	5	X
K09B23C	18.3	0.15	K14C9	296.401	35.725	76.875	4.585	0.08204	2.22318	3	X
K09B31Y	18.3	0.15	K14C9	33.705	270.064	104.714	4.917	0.11518	2.19206	5	X
K09B37Q	18.6	0.15	K14C9	9.212	319.631	81.693	2.344	0.14745	2.18402	3	X
K09B38Y	17.3	0.15	K14C9	123.595	139.204	123.999	7.391	0.14487	2.32397	6	X
K09B74L	17.6	0.15	K14C9	212.519	45.754	153.963	5.343	0.18826	2.25906	5	X
K09B87E	17.5	0.15	K14C9	155.860	293.769	330.362	2.655	0.15424	2.23526	7	X
K09BA7J	18.1	0.15	K14C9	2.311	135.895	269.662	0.895	0.07265	2.21523	8	X
K09BB1J	17.1	0.15	K14C9	292.279	129.579	355.558	5.559	0.08081	2.22906	5	X
K09BD7L	17.8	0.15	K14C9	205.807	216.773	344.685	0.589	0.07878	2.24857	4	X
K09BFOT	17.3	0.15	K14C9	252.072	270.250	259.109	4.287	0.04898	2.20356	6	X
K09BG9N	18.1	0.15	K14C9	264.983	348.692	151.164	2.595	0.14604	2.30281	5	X
K09BI2X	17.9	0.15	K14C9	353.814	282.288	130.895	2.933	0.10630	2.22554	5	X
K09C26D	17.4	0.15	K14C9	179.027	233.233	4.339	3.946	0.11496	2.26355	8	X
K09C27N	17.5	0.15	K14C9	215.964	114.390	83.120	3.401	0.16084	2.27176	6	X
K09C32V	17.8	0.15	K14C9	174.867	178.515	60.028	1.926	0.18206	2.30747	5	X
K09D01V	18.3	0.15	K14C9	319.002	290.528	162.818	1.779	0.10700	2.21923	5	X
K09D11L	18.3	0.15	K14C9	310.049	337.629	125.343	2.225	0.05864	2.22522	6	X
K09D11W	17.5	0.15	K14C9	259.339	175.659	348.424	3.800	0.12682	2.22091	4	X
K09D21L	17.9	0.15	K14C9	118.193	256.074	34.249	1.931	0.10123	2.23664	5	X
K09D28H	18.0	0.15	K14C9	247.085	193.176	343.986	4.074	0.06650	2.22965	5	X
K09D29U	17.9	0.15	K14C9	84.680	139.721	155.289	1.963	0.19148	2.41042	5	X
K09D36E	17.7	0.15	K14C9	132.839	4.073	255.514	0.480	0.16140	2.39382	7	X
K09D53R	18.3	0.15	K14C9	274.843	112.552	12.950	3.805	0.09146	2.26777	3	X
K09D72T	18.4	0.15	K14C9	327.933	302.109	162.043	3.007	0.11015	2.18462	5	X
K09D74M	17.3	0.15	K14C9	154.370	234.531	18.099	2.303	0.18342	2.32248	7	X
K09DB2H	17.9	0.15	K14C9	282.396	149.582	338.793	1.562	0.05186	2.25493	5	X
K09DB7N	18.0	0.15	K14C9	296.621	334.389	151.175	4.736	0.09329	2.23332	6	X
K09E03X	17.4	0.15	K14C9	206.089	115.038	95.316	3.912	0.13361	2.28784	4	X
K09F39T	17.7	0.15	K14C9	210.214	139.286	68.313	7.021	0.22182	2.30637	5	X
K09F50M	17.2	0.15	K14C9	242.202	98.495	80.169	5.261	0.05514	2.28751	6	X
K09F60G	18.1	0.15	K14C9	335.126	319.965	127.563	4.510	0.13763	2.25412	4	X
K09H04B	17.6	0.15	K14C9	121.409	148.248	121.064	5.560	0.16789	2.43315	5	X
K09H06U	17.4	0.15	K14C9	276.813	110.112	44.960	24.100	0.19540	2.25897	3	X
K09H12X	17.6	0.15	K14C9	263.204	336.930	181.797	5.797	0.04669	2.28820	5	X
K09H14J	17.6	0.15	K14C9	198.359	106.444	102.014	3.482	0.11499	2.37446	5	X
K09H17O	17.8	0.15	K14C9	74.256	109.159	205.042	8.691	0.13710	2.46248	5	X
K09H17R	17.6	0.15	K14C9	243.949	132.557	33.549	6.976	0.04883	2.34406	4	X
K09H26H	17.3	0.15	K14C9	336.372	257.493	195.597	4.339	0.11760	2.27427	6	X
K09H37L	17.0	0.15	K14C9	124.727	250.374	43.003	11.530	0.09982	2.38423	5	X
K09H38B	18.2	0.15	K14C9	198.068	113.764	97.079	5.993	0.10953	2.33502	6	X
K09H50L	17.4	0.15	K14C9	114.423	174.005	125.194	6.460	0.04329	2.36972	5	X
K09H62Q	18.4	0.15	K14C9	300.236	342.775	139.007	3.759	0.10677	2.26489	5	X
K09H64P	13.4	0.15	K14C9	122.047	215.527	54.389	14.741	0.03821	5.20333	5	X
K09H67A	18.0	0.15	K14C9	340.255	247.853	194.228	4.671	0.12914	2.25440	5	X
K09H74W	17.2	0.15	K14C9	82.014	156.222	140.135	6.811	0.13671	2.46101	5	X
K09H78Y	17.9	0.15	K14C9	222.153	31.018	162.217	2.369	0.12851	2.35749	6	X
K09J08G	18.0	0.15	K14C9	257.060	5.563	177.720	7.454	0.10643	2.29139	6	X
K09O04Q	17.2	0.15	K14C9	102.997	165.463	135.994	8.116	0.22942	2.59646	6	X
K09P02X	17.4	0.15	K14C9	71.718	209.699	104.179	3.721	0.24216	2.73074	4	X
K09P03E	17.3	0.15	K14C9	50.237	170.052	173.545	7.744	0.31231	2.74196	4	X
K09P04Q	16.7	0.15	K14C9	52.095	156.568	186.657	4.589	0.16968	2.74570	8	X
K09P06G	16.2	0.15	K14C9	124.714	225.331	48.328	13.218	0.15337	2.60746	6	X
K09P21L	17.0	0.15	K14C9	20.664	176.118	208.834	13.771	0.21100	2.76119	3	X

K09Q02U	16.8	0.15	K14C9	26.819	305.210	35.063	2.753	0.18691	2.90511	4	X
K09Q03C	17.1	0.15	K14C9	31.886	183.918	180.744	5.455	0.04513	2.74982	5	X
K09Q10A	16.7	0.15	K14C9	43.460	94.697	252.010	6.441	0.23785	2.79616	5	X
K09Q32F	17.7	0.15	K14C9	32.260	24.213	336.552	3.694	0.21311	2.77408	5	X
K09Q35R	16.6	0.15	K14C9	103.705	162.101	136.351	5.135	0.07009	2.69790	8	X
K09Q45L	16.1	0.15	K14C9	26.408	285.805	0.470	20.437	0.37894	3.03902	3	X
K09Q50H	18.4	0.15	K14C9	164.718	196.492	154.827	3.163	0.21579	2.40219	4	X
K09Q56S	16.7	0.15	K14C9	72.328	39.796	265.060	3.343	0.18606	2.78576	6	X
K09Q60M	15.8	0.15	K14C9	338.106	43.425	321.115	26.902	0.15327	3.08971	3	X
K09R04P	17.0	0.15	K14C9	54.308	147.750	184.627	7.830	0.22849	2.78292	4	X
K09R08G	16.8	0.15	K14C9	311.962	278.103	202.479	6.902	0.18113	2.78776	6	X
K09R14Z	16.8	0.15	K14C9	23.852	138.848	187.456	5.583	0.24662	3.03429	2	X
K09R20Y	17.4	0.15	K14C9	21.348	336.836	32.313	2.354	0.07749	2.88719	5	X
K09R26B	16.3	0.15	K14C9	17.422	355.541	8.295	11.627	0.13941	2.96987	3	X
K09R36N	17.1	0.15	K14C9	58.424	132.205	182.886	11.583	0.22208	2.79394	4	X
K09R47C	17.3	0.15	K14C9	44.606	41.507	310.477	1.112	0.07870	2.86817	6	X
K09S01E	13.3	0.15	K14C9	131.366	61.077	228.190	28.023	0.05264	5.15484	6	X
K09S11Z	17.2	0.15	K14C9	47.839	155.743	191.594	4.066	0.07987	2.80479	6	X
K09S23P	17.8	0.15	K14C9	22.863	33.476	346.804	3.772	0.20443	2.78727	3	X
K09S23S	16.9	0.15	K14C9	121.663	106.985	166.390	6.664	0.07937	2.73420	9	X
K09S27E	16.3	0.15	K14C9	205.663	196.099	8.559	9.207	0.09539	2.78580	5	X
K09S28R	17.4	0.15	K14C9	38.253	343.177	14.851	1.915	0.07967	2.86544	4	X
K09S29K	17.1	0.15	K14C9	73.320	157.642	178.097	3.434	0.09865	2.79318	5	X
K09S30H	17.0	0.15	K14C9	53.204	301.630	40.763	2.493	0.07538	2.86591	4	X
K09S30J	17.0	0.15	K14C9	64.964	181.527	146.771	2.696	0.06891	2.87142	7	X
K09S340	17.0	0.15	K14C9	21.823	355.994	2.529	10.513	0.11552	2.97861	3	X
K09S40C	17.0	0.15	K14C9	44.937	61.985	283.786	1.013	0.10901	2.91799	7	X
K09S43U	16.8	0.15	K14C9	98.577	36.141	246.153	4.999	0.16525	2.92549	6	X
K09S44Z	17.5	0.15	K14C9	26.095	351.169	330.543	4.444	0.23326	3.07369	3	X
K09S48B	16.7	0.15	K14C9	1.384	49.924	297.448	2.219	0.29267	3.10612	3	X
K09S50D	17.5	0.15	K14C9	55.961	333.570	5.410	2.729	0.19259	2.79150	5	X
K09S50U	17.0	0.15	K14C9	59.504	161.481	162.322	2.306	0.09286	2.85620	5	X
K09S51B	17.6	0.15	K14C9	8.794	26.386	31.315	2.188	0.08254	2.72035	7	X
K09S52P	17.6	0.15	K14C9	331.857	273.140	151.402	2.766	0.14037	2.92635	5	X
K09S66S	16.4	0.15	K14C9	9.284	166.495	181.092	9.160	0.10151	3.11814	3	X
K09S68B	17.6	0.15	K14C9	32.404	272.163	79.816	3.481	0.26396	2.91686	3	X
K09S71E	17.2	0.15	K14C9	93.213	12.271	316.242	1.769	0.04493	2.70354	8	X
K09S82B	17.0	0.15	K14C9	71.231	337.460	354.724	5.815	0.03829	2.76250	5	X
K09S90T	17.1	0.15	K14C9	66.939	38.867	278.709	4.100	0.11150	2.85040	5	X
K09S99L	16.9	0.15	K14C9	50.229	147.775	190.884	12.411	0.18266	2.84799	4	X
K09SA0X	17.4	0.15	K14C9	331.690	64.252	0.637	3.853	0.12921	2.89140	5	X
K09SC1Z	16.7	0.15	K14C9	45.731	154.475	204.977	5.236	0.14165	2.81565	5	X
K09SD2K	17.2	0.15	K14C9	8.322	245.803	139.399	3.258	0.10444	2.92584	5	X
K09SE2A	17.1	0.15	K14C9	84.877	68.575	236.322	1.695	0.06691	2.88304	6	X
K09SE4Y	17.3	0.15	K14C9	359.600	324.847	90.488	1.827	0.06444	2.76055	5	X
K09SF3R	17.2	0.15	K14C9	12.819	123.472	263.332	0.996	0.07536	2.86677	6	X
K09SF6N	16.3	0.15	K14C9	177.054	210.447	18.362	14.581	0.10327	2.80241	5	X
K09SG8M	17.4	0.15	K14C9	44.761	338.531	27.871	5.429	0.16892	2.74733	4	X
K09SG9Z	17.8	0.15	K14C9	58.865	85.454	248.123	20.069	0.07735	1.86168	3	X
K09SH2H	16.9	0.15	K14C9	11.530	222.759	140.799	2.949	0.17779	3.02171	4	X
K09SI4Z	16.5	0.15	K14C9	104.470	23.664	243.048	5.665	0.19423	2.93432	7	X
K09SI8U	15.9	0.15	K14C9	133.692	214.658	59.509	10.154	0.11829	2.81681	6	X
K09SK4Y	16.3	0.15	K14C9	339.612	30.127	24.540	17.475	0.02691	2.96411	3	X
K09SL3E	16.8	0.15	K14C9	3.521	183.432	195.271	8.578	0.19089	2.99199	3	X
K09SL3H	16.7	0.15	K14C9	13.731	16.119	34.753	6.213	0.04329	2.79830	4	X
K09SL5L	17.1	0.15	K14C9	357.261	218.237	188.466	9.125	0.12873	2.85420	4	X
K09SL7T	17.4	0.15	K14C9	71.847	109.753	199.133	7.043	0.21768	2.78461	5	X
K09SM3C	16.7	0.15	K14C9	21.660	183.348	202.960	8.891	0.15692	2.80751	4	X
K09SN9D	16.9	0.15	K14C9	19.341	144.673	238.039	5.305	0.26984	2.84320	5	X
K09SO0J	16.4	0.15	K14C9	52.789	280.438	62.092	12.222	0.19788	2.81050	4	X
K09SO0L	16.4	0.15	K14C9	337.549	236.728	147.163	17.623	0.33156	3.09350	3	X
K09SQ5C	16.5	0.15	K14C9	70.666	55.243	249.771	3.044	0.17278	2.96161	7	X
K09SR1K	16.0	0.15	K14C9	44.692	310.217	11.943	10.761	0.06260	3.07914	3	X
K09SR4J	16.6	0.15	K14C9	78.518	256.743	41.925	3.241	0.15743	2.88291	8	X
K09SR4U	16.3	0.15	K14C9	51.832	310.753	21.856	10.365	0.13208	2.88687	6	X
K09SS1Q	16.9	0.15	K14C9	53.610	308.058	48.711	6.895	0.05550	2.80677	6	X
K09SS9E	16.9	0.15	K14C9	47.475	230.622	118.239	3.049	0.13946	2.87923	5	X
K09ST6D	16.9	0.15	K14C9	50.513	248.667	124.835	7.434	0.06256	2.79978	5	X
K09ST9W	16.0	0.15	K14C9	174.047	192.111	29.748	9.604	0.07045	2.85151	5	X
K09SU0U	16.2	0.15	K14C9	284.094	298.318	176.009	4.925	0.11652	2.90066	7	X
K09SU0Y	17.4	0.15	K14C9	326.491	288.694	174.116	2.835	0.14732	2.79556	5	X
K09SU3F	16.9	0.15	K14C9	28.468	187.686	184.640	4.359	0.08747	2.80493	4	X
K09SW0O	16.4	0.15	K14C9	307.997	238.186	181.319	7.719	0.10978	3.04106	3	X
K09SW5T	18.0	0.15	K14C9	341.571	223.860	186.167	22.214	0.07548	1.87998	5	X
K09SX8J	16.8	0.15	K14C9	13.596	344.947	58.110	6.476	0.17251	2.83466	5	X
K09SX9X	16.2	0.15	K14C9	23.099	25.090	88.050	15.700	0.12667	2.75921	4	X
K09SY5G	16.0	0.15	K14C9	18.289	337.812	16.902	12.226	0.05797	3.05104	3	X
K09SY7P	17.4	0.15	K14C9	42.355	283.834	71.348	5.962	0.11729	2.87766	3	X
K09SZ0A	17.2	0.15	K14C9	311.941	272.129	208.339	8.279	0.10181	2.79557	3	X
K09SZ0Z	16.0	0.15	K14C9	171.058	182.218	51.248	10.637	0.01852	2.86870	5	X
K09SZ4M	16.5	0.15	K14C9	292.863	80.315	31.955	10.627	0.12697	3.02415	4	X
K09SZ4O	16.4	0.15	K14C9	219.878	132.665	43.711	6.500	0.08075	3.05467	5	X
K09SZ5X	16.9	0.15	K14C9	327.658	52.739	31.660	4.309	0.11732	2.99320	6	X
K09SZ8F	17.1	0.15	K14C9	18.379	160.326	221.627	1.273	0.07610	2.86496	4	X
K09Sa2O	17.0	0.15	K14C9	3.337	55.847	335.125	2.080	0.17939	2.97241	3	X
K09T32P	15.9	0.15	K14C9	30.268	137.294	226.959	11.175	0.07296	2.93338	4	X
K09T42H	16.6	0.15	K14C9	26.589	167.857	215.868	9.372	0.04279	2.89087	5	X
K09U01V	16.1	0.15	K14C9	328.628	117.100	302.854	12.191	0.09414	3.01646	3	X
K09U12E	17.2	0.15	K14C9	12.408	327.554	47.551	4.969	0.30623	2.98857	3	X
K09U23B	17.1	0.15	K14C9	5.769	354.889	32.034	4.648	0.19236	3.05277	4	X
K09U24A	16.7	0.15	K14C9	296.251	271.181	208.162	14.371	0.13019	2.92218	5	X
K09U31J	16.9	0.15	K14C9	15.641	142.841	234.703	2.337	0.14187	2.99229	4	X
K09U33O	16.5	0.15	K14C9	49.210	298.913	51.716	11.548	0.06989	2.98701	4	X
K09U33Z	17.1	0.15	K14C9	21.439	156.903	212.423	0.482	0.18279	2.99996	3	X
K09U38N	15.8	0.15	K14C9	245.154	106.656	54.850	12.805	0.12037	3.06360	5	X
K09U40T	17.1	0.15	K14C9	84.289	136.203	178.216	5.526	0.03943	2.79140	5	X
K09U43K	17.5	0.15	K14C9	331.998	268.872	153.592	0.856	0.16374	3.00848	4	X

K09U52Q	18.3	0.15	K14C9	3.166	241.263	170.962	0.682	0.21082	2.90234	4	X
K09U53M	15.4	0.15	K14C9	31.951	296.952	47.996	17.263	0.20656	3.05033	4	X
K09U56N	16.3	0.15	K14C9	339.268	26.396	34.549	8.630	0.13304	3.00790	3	X
K09U57F	17.1	0.15	K14C9	18.672	46.923	348.592	1.842	0.01359	2.90390	5	X
K09U60E	17.3	0.15	K14C9	23.714	202.329	171.418	6.051	0.17782	2.86722	4	X
K09U71Y	15.8	0.15	K14C9	43.826	271.346	85.529	3.205	0.07956	2.86700	6	X
K09U79Q	16.7	0.15	K14C9	25.343	129.825	236.056	9.235	0.12014	2.96968	2	X
K09U96R	16.9	0.15	K14C9	346.391	27.110	44.183	14.495	0.23025	2.92750	4	X
K09UA2E	16.2	0.15	K14C9	348.176	24.126	51.802	15.942	0.11957	2.87871	4	X
K09UA6L	16.9	0.15	K14C9	335.424	35.941	41.111	1.264	0.14583	3.01490	4	X
K09UA6M	15.9	0.15	K14C9	265.004	88.722	54.031	16.318	0.19711	3.15394	5	X
K09UA8S	16.1	0.15	K14C9	342.786	359.820	51.100	12.000	0.07419	3.05035	4	X
K09UC5K	16.4	0.15	K14C9	58.600	110.479	194.871	10.507	0.07302	3.10902	5	X
K09UD4F	16.1	0.15	K14C9	93.784	243.709	45.546	12.099	0.08134	2.99946	6	X
K09UE2N	17.5	0.15	K14C9	353.639	217.718	198.200	0.942	0.16997	2.96622	4	X
K09UE4M	15.7	0.15	K14C9	291.853	89.687	2.890	16.885	0.16561	3.11635	6	X
K09UF4M	16.5	0.15	K14C9	332.621	200.478	248.593	3.357	0.14459	3.02317	5	X
K09UF4Q	16.4	0.15	K14C9	39.767	275.585	68.145	6.985	0.14945	2.91855	5	X
K09V01V	17.7	0.15	K14C9	26.519	116.161	256.071	20.145	0.11021	1.85891	4	X
K09V03K	17.7	0.15	K14C9	98.512	274.253	21.275	25.765	0.02223	1.88058	5	X
K09V12K	16.6	0.15	K14C9	36.531	334.931	39.085	12.437	0.07557	2.91025	6	X
K09V12R	17.0	0.15	K14C9	59.639	344.252	357.391	1.721	0.10626	2.92715	7	X
K09V20M	16.7	0.15	K14C9	314.895	62.319	8.763	5.744	0.01890	3.06533	5	X
K09V20O	17.1	0.15	K14C9	29.284	349.872	12.625	8.817	0.08318	3.03750	3	X
K09V24X	16.3	0.15	K14C9	50.701	110.396	221.328	12.162	0.14660	2.84917	5	X
K09V31V	17.3	0.15	K14C9	23.003	332.742	36.739	13.819	0.17825	3.00299	3	X
K09V37J	16.1	0.15	K14C9	37.113	88.419	274.982	2.436	0.19025	2.95042	6	X
K09V38Y	15.8	0.15	K14C9	15.619	340.234	53.297	9.794	0.06195	3.00188	3	X
K09V39Y	16.0	0.15	K14C9	15.069	126.762	255.862	9.613	0.07821	3.03032	5	X
K09V40B	16.3	0.15	K14C9	37.996	296.450	66.436	8.069	0.22847	2.96959	3	X
K09V40G	16.6	0.15	K14C9	12.617	20.173	4.373	1.763	0.19786	2.97851	4	X
K09V42Z	16.1	0.15	K14C9	31.049	312.581	54.132	9.821	0.16523	3.00221	4	X
K09V46V	17.3	0.15	K14C9	9.231	305.109	89.121	4.856	0.17081	2.98120	2	X
K09V58H	16.7	0.15	K14C9	359.467	240.496	150.230	1.997	0.20165	3.03155	4	X
K09V62M	16.4	0.15	K14C9	21.864	325.366	62.741	11.318	0.10121	2.97973	5	X
K09V63Q	16.3	0.15	K14C9	86.697	328.339	68.691	14.370	0.19469	2.63135	5	X
K09V64T	16.6	0.15	K14C9	34.086	347.037	37.496	8.135	0.04983	2.91350	6	X
K09V64X	17.0	0.15	K14C9	11.993	98.089	294.591	4.125	0.13158	2.98749	6	X
K09V65N	16.2	0.15	K14C9	347.046	38.458	46.811	12.226	0.09999	2.90977	3	X
K09V67V	16.3	0.15	K14C9	358.966	151.132	251.886	8.266	0.14491	3.03520	5	X
K09V67X	17.3	0.15	K14C9	346.261	68.505	344.735	1.768	0.14938	3.06736	4	X
K09V71S	16.5	0.15	K14C9	35.450	293.407	55.499	16.013	0.18751	3.00370	3	X
K09V71U	16.0	0.15	K14C9	331.456	227.831	253.666	7.977	0.11386	2.80788	5	X
K09V81U	16.1	0.15	K14C9	304.237	55.126	49.588	11.542	0.04047	3.01888	4	X
K09V85R	16.7	0.15	K14C9	341.988	208.657	211.753	4.889	0.12649	3.04687	5	X
K09V86B	18.2	0.15	K14C9	9.795	235.885	140.876	1.658	0.36710	3.00773	2	X
K09V95O	16.3	0.15	K14C9	33.139	106.701	230.759	14.955	0.23496	3.11848	3	X
K09V99T	16.1	0.15	K14C9	48.925	281.839	53.819	9.147	0.17470	3.07136	5	X
K09VA8W	16.6	0.15	K14C9	41.791	213.565	121.372	3.574	0.21567	3.01233	4	X
K09VB2U	16.4	0.15	K14C9	329.253	11.400	67.676	7.985	0.10614	3.07851	7	X
K09VB3C	16.5	0.15	K14C9	352.789	333.187	68.458	7.567	0.09204	3.16742	4	X
K09VB6T	16.1	0.15	K14C9	55.268	268.320	54.643	10.818	0.10083	3.03352	5	X
K09W03N	16.6	0.15	K14C9	271.789	78.421	60.438	10.453	0.04416	2.98125	4	X
K09W04R	16.3	0.15	K14C9	41.215	275.384	66.736	17.356	0.14712	3.04024	5	X
K09W12D	17.2	0.15	K14C9	76.843	255.976	76.602	3.097	0.07099	2.86801	5	X
K09W26U	16.9	0.15	K14C9	355.612	357.119	49.819	10.117	0.08677	3.02126	3	X
K09W31B	16.3	0.15	K14C9	353.210	175.723	248.350	8.016	0.08914	3.00295	6	X
K09W34M	15.8	0.15	K14C9	303.105	243.810	248.951	14.224	0.07551	2.97798	4	X
K09W34W	16.9	0.15	K14C9	324.799	34.425	53.671	1.909	0.14534	3.12747	8	X
K09W34X	16.4	0.15	K14C9	328.704	354.804	112.244	3.853	0.23560	3.11497	5	X
K09W35X	17.1	0.15	K14C9	22.162	197.185	190.058	1.701	0.07323	2.86181	7	X
K09W37P	17.1	0.15	K14C9	18.581	75.794	317.838	2.165	0.17182	2.97090	3	X
K09W44Q	16.6	0.15	K14C9	44.459	135.536	229.232	7.986	0.05403	2.97096	6	X
K09W72M	16.8	0.15	K14C9	58.837	224.912	117.239	2.339	0.13934	2.96196	6	X
K09W78B	16.1	0.15	K14C9	15.660	70.065	305.986	4.078	0.01147	3.16069	6	X
K09W85O	15.8	0.15	K14C9	57.095	317.447	43.637	12.728	0.07078	2.93894	5	X
K09W86O	16.0	0.15	K14C9	79.133	259.154	41.964	9.658	0.09197	3.15065	5	X
K09W87C	15.9	0.15	K14C9	218.629	137.515	52.730	17.296	0.08583	3.08524	5	X
K09WA1O	16.5	0.15	K14C9	341.735	266.572	228.372	13.460	0.12960	2.70983	5	X
K09WA7N	16.7	0.15	K14C9	25.626	281.059	79.162	4.005	0.14299	3.01190	5	X
K09WC0N	17.1	0.15	K14C9	15.388	134.397	249.442	6.764	0.15248	3.01211	4	X
K09WC5B	16.5	0.15	K14C9	283.366	312.480	162.122	0.697	0.15613	3.18381	5	X
K09WC7H	16.2	0.15	K14C9	58.099	272.898	75.832	10.730	0.07256	3.04484	3	X
K09WC8Y	16.0	0.15	K14C9	244.903	98.148	54.063	14.526	0.14538	3.16142	5	X
K09WD1H	16.7	0.15	K14C9	294.923	347.305	134.284	1.906	0.14904	3.11521	5	X
K09WD9G	16.6	0.15	K14C9	329.745	303.938	157.670	5.297	0.20327	2.98405	3	X
K09WD9H	16.0	0.15	K14C9	5.547	351.454	20.687	11.497	0.18952	3.07938	4	X
K09WF3S	15.4	0.15	K14C9	234.302	114.416	40.506	22.053	0.04085	3.15271	4	X
K09WG1L	16.0	0.15	K14C9	262.761	107.010	52.566	10.031	0.07808	3.02311	4	X
K09WG2V	16.4	0.15	K14C9	327.655	24.292	63.483	11.289	0.14676	3.03619	4	X
K09WG3H	16.2	0.15	K14C9	7.400	142.366	256.665	7.721	0.04898	3.05124	6	X
K09WG3R	16.8	0.15	K14C9	39.868	53.705	295.488	3.598	0.12910	3.10737	5	X
K09WG6C	16.3	0.15	K14C9	31.709	301.498	74.441	9.645	0.09472	3.05060	5	X
K09WG9B	16.2	0.15	K14C9	9.925	303.199	81.893	12.327	0.10291	3.07120	6	X
K09WH0K	15.9	0.15	K14C9	59.380	287.105	49.694	9.685	0.07983	3.06971	5	X
K09WH3Y	16.7	0.15	K14C9	292.255	118.246	11.065	4.879	0.08606	3.07043	7	X
K09WI2K	16.4	0.15	K14C9	3.582	328.973	57.484	10.328	0.08528	3.15848	3	X
K09WJ0N	17.1	0.15	K14C9	356.348	177.046	228.241	0.643	0.14974	3.06279	6	X
K09WJ6X	15.7	0.15	K14C9	321.644	39.405	45.032	12.780	0.12141	3.05892	5	X
K09WK0Q	16.5	0.15	K14C9	46.473	117.762	238.218	9.543	0.11585	3.02457	5	X
K09WK2V	16.2	0.15	K14C9	313.101	57.079	57.061	13.679	0.13417	2.96406	6	X
K09WK5Y	16.1	0.15	K14C9	0.502	355.407	49.537	11.695	0.10630	3.02168	3	X
K09WK6Q	16.7	0.15	K14C9	36.592	94.166	262.809	7.543	0.10348	3.05797	5	X
K09WL0M	17.1	0.15	K14C9	32.515	247.243	101.177	3.508	0.22382	3.05426	4	X
K09WL4P	16.4	0.15	K14C9	40.988	101.118	245.650	10.199	0.19733	3.07824	4	X
K09WL8B	16.6	0.15	K14C9	346.795	201.130	231.010	10.621	0.25868	3.01992	4	X
K09WMLP	16.8	0.15	K14C9	330.699	337.001	96.361	4.620	0.16173	3.02714	4	X

K09WM3E	17.3	0.15	K14C9	350.306	199.791	220.379	1.132	0.29161	3.02519	4	X
K09WM4Y	17.4	0.15	K14C9	306.418	188.713	268.721	18.897	0.11662	1.94515	5	X
K09WM6Y	16.5	0.15	K14C9	14.118	313.843	64.187	9.943	0.07733	3.03169	3	X
K09WM8F	16.7	0.15	K14C9	67.262	87.699	220.813	11.245	0.18579	3.02689	5	X
K09WN4Q	16.5	0.15	K14C9	260.575	100.740	39.975	10.432	0.02601	3.10114	2	X
K09WP9Y	16.2	0.15	K14C9	5.279	308.289	75.786	10.686	0.07347	3.18973	5	X
K09WQ0U	17.0	0.15	K14C9	322.176	44.685	27.167	1.247	0.15610	3.17214	3	X
K09X00R	16.4	0.15	K14C9	43.606	186.375	163.084	5.787	0.22329	3.00378	4	X
K09X03P	16.5	0.15	K14C9	344.856	202.408	238.541	5.020	0.18592	3.00119	7	X
K09X07U	15.8	0.15	K14C9	355.126	351.579	65.291	12.567	0.08467	3.04396	5	X
K09X13O	16.6	0.15	K14C9	14.975	160.787	234.896	8.383	0.14875	3.03318	4	X
K09Y05H	16.3	0.15	K14C9	347.415	120.892	318.406	2.438	0.26323	3.08445	6	X
K10A01Z	16.0	0.15	K14C9	324.250	118.443	332.923	5.156	0.14686	3.22559	6	X
K10A18O	16.7	0.15	K14C9	338.908	59.928	24.580	1.524	0.15693	3.10942	5	X
K10A26A	16.5	0.15	K14C9	315.454	49.010	74.405	1.886	0.20492	3.17232	5	X
K10C41N	17.3	0.15	K14C9	32.093	77.644	322.409	18.811	0.09716	1.89491	5	X
K10C44N	19.6	0.15	K14C9	358.223	302.873	189.730	3.846	0.67692	2.84787	2	X
K10CC8C	16.1	0.15	K14C9	328.915	110.364	345.104	11.235	0.29145	3.18022	3	X
K10CJ2X	15.7	0.15	K14C9	253.189	188.213	87.190	23.619	0.05252	3.13273	5	X
K10D06W	17.6	0.15	K14C9	15.834	41.478	342.344	24.339	0.19230	1.99891	3	X
K10D57K	16.7	0.15	K14C9	0.248	29.054	25.949	1.559	0.14077	2.99213	7	X
K10E28L	16.4	0.15	K14C9	334.136	170.220	275.487	6.440	0.23287	3.05532	6	X
K10EA5F	16.3	0.15	K14C9	305.327	95.648	49.409	18.722	0.29203	3.26138	4	X
K10G11E	15.9	0.15	K14C9	217.800	105.025	108.286	10.038	0.05780	3.17058	5	X
K10GD5W	18.1	0.15	K14C9	91.074	215.618	82.294	3.976	0.24348	2.20837	5	X
K10J00P	17.7	0.15	K14C9	67.820	234.052	70.354	6.022	0.27626	2.31808	4	X
K10J30E	17.8	0.15	K14C9	89.747	172.332	118.705	3.446	0.16449	2.23954	6	X
K10J47M	17.7	0.15	K14C9	142.167	71.737	179.477	5.657	0.15622	2.16180	6	X
K10J74H	18.4	0.15	K14C9	79.368	94.085	219.469	5.086	0.20738	2.21857	6	X
K10JF5Q	18.7	0.15	K14C9	77.328	133.068	175.813	2.600	0.19754	2.22395	4	X
K10K94M	17.9	0.15	K14C9	82.708	31.490	275.202	4.334	0.24131	2.37993	6	X
K10KA4Z	17.5	0.15	K14C9	87.989	79.872	207.758	3.964	0.22680	2.40778	5	X
K10L82E	17.5	0.15	K14C9	50.244	255.422	144.790	11.643	0.16515	2.27758	5	X
K10LB9C	17.0	0.15	K14C9	5.380	179.635	160.007	7.678	0.28195	2.64633	4	W
K10M01F	19.7	0.15	K14C9	34.350	27.729	287.091	9.121	0.58976	2.49707	2	X
K10M90F	17.3	0.15	K14C9	75.166	240.320	79.412	3.036	0.23600	2.41621	6	X
K10N40D	17.8	0.15	K14C9	353.455	25.623	15.529	19.840	0.23394	2.55712	3	X
K10N71O	17.0	0.15	K14C9	352.634	188.559	209.897	5.590	0.30953	2.60029	4	X
K10O51Q	17.1	0.15	K14C9	1.473	213.392	171.976	6.028	0.29763	2.60095	3	X
K10OA3C	18.9	0.15	K14C9	256.635	178.274	17.972	23.110	0.67201	1.19453	4	X
K10OB8F	17.6	0.15	K14C9	5.228	17.539	18.392	11.287	0.13515	2.55711	4	X
K10P08Q	18.1	0.15	K14C9	62.584	48.300	275.007	4.104	0.25624	2.35718	3	X
K10P24B	17.5	0.15	K14C9	27.745	48.156	321.157	4.130	0.22234	2.40573	6	X
K10P24H	17.8	0.15	K14C9	55.514	148.625	163.178	1.230	0.19422	2.42488	4	X
K10P59E	17.5	0.15	K14C9	119.226	336.848	288.250	3.939	0.13107	2.35791	7	X
K10P61Q	17.3	0.15	K14C9	63.254	168.502	155.635	3.986	0.24207	2.40582	5	X
K10P73O	18.5	0.15	K14C9	66.706	18.460	306.678	0.514	0.20311	2.37123	6	X
K10P74N	18.0	0.15	K14C9	76.815	31.151	253.742	1.394	0.22362	2.41987	4	X
K10P77O	17.3	0.15	K14C9	67.507	356.166	316.328	2.192	0.30876	2.42078	4	X
K10Q00H	18.2	0.15	K14C9	67.618	342.113	340.468	2.443	0.22172	2.37535	4	X
K10R02R	17.9	0.15	K14C9	59.750	332.743	11.061	2.935	0.20433	2.36876	4	X
K10R02S	17.0	0.15	K14C9	36.977	199.393	143.870	6.007	0.20938	2.46348	6	X
K10R10B	17.8	0.15	K14C9	4.660	232.962	192.271	10.291	0.14122	2.38318	3	X
K10R17W	17.3	0.15	K14C9	20.241	354.988	316.766	5.464	0.29446	2.61909	4	X
K10R22E	18.1	0.15	K14C9	15.646	151.332	242.247	5.684	0.27758	2.41319	4	X
K10R40A	17.3	0.15	K14C9	29.802	142.742	229.002	6.430	0.22341	2.42875	4	X
K10R47Q	18.4	0.15	K14C9	41.875	136.924	218.197	1.423	0.21750	2.44954	5	X
K10R48T	18.2	0.15	K14C9	58.893	160.829	175.215	1.836	0.22658	2.43290	4	X
K10R51H	17.2	0.15	K14C9	24.888	337.165	6.980	15.069	0.13186	2.58193	2	X
K10R52E	17.9	0.15	K14C9	66.181	167.690	153.737	3.428	0.18903	2.46600	6	X
K10R53H	17.3	0.15	K14C9	15.747	79.959	301.789	3.599	0.19278	2.43907	7	X
K10R61M	17.2	0.15	K14C9	173.669	234.043	5.151	7.352	0.07939	2.40279	6	X
K10R64X	18.3	0.15	K14C9	62.501	328.713	353.865	1.096	0.19539	2.42284	3	X
K10R69L	18.2	0.15	K14C9	64.363	330.675	335.848	0.672	0.18000	2.46549	3	X
K10R79G	17.0	0.15	K14C9	358.466	21.363	337.823	12.732	0.26697	2.64301	4	X
K10R79O	16.3	0.15	K14C9	331.941	68.541	359.272	12.535	0.25144	2.60626	4	X
K10R80Y	17.8	0.15	K14C9	26.324	23.790	342.326	4.987	0.15244	2.46527	5	X
K10R81P	17.7	0.15	K14C9	342.660	244.970	151.277	6.765	0.34795	2.61282	3	X
K10R81Q	17.6	0.15	K14C9	79.514	176.276	157.195	6.859	0.14827	2.35954	4	X
K10RA3G	18.2	0.15	K14C9	84.992	19.718	310.823	1.384	0.11379	2.37842	5	X
K10RA6E	17.5	0.15	K14C9	256.100	333.255	192.687	6.371	0.05946	2.40724	10	X
K10RB3H	17.6	0.15	K14C9	81.407	73.619	248.701	5.323	0.13271	2.41336	6	X
K10RCOL	17.6	0.15	K14C9	65.013	115.566	214.992	1.546	0.21959	2.40404	5	X
K10RC1O	17.8	0.15	K14C9	332.107	197.503	253.839	5.576	0.07858	2.37142	5	X
K10RC6X	17.9	0.15	K14C9	62.898	162.259	168.221	6.180	0.22032	2.44542	3	X
K10RC6Z	17.7	0.15	K14C9	70.643	293.970	23.360	6.590	0.15086	2.46257	4	X
K10RC8Q	17.7	0.15	K14C9	51.191	128.234	223.670	5.666	0.14938	2.41688	4	X
K10RD4R	17.9	0.15	K14C9	52.683	340.698	2.071	2.201	0.19561	2.42988	6	X
K10RD6B	17.8	0.15	K14C9	53.007	236.340	97.618	2.480	0.18054	2.45245	5	X
K10RD6J	18.5	0.15	K14C9	49.987	222.140	114.960	3.001	0.24204	2.48104	5	X
K10RD6S	18.0	0.15	K14C9	13.196	23.213	6.243	4.644	0.08124	2.46333	3	X
K10RD8R	16.6	0.15	K14C9	22.457	359.428	338.204	34.039	0.19738	2.61061	4	X
K10RD9Q	18.3	0.15	K14C9	22.385	79.048	307.610	2.016	0.17568	2.41178	5	X
K10REOW	18.1	0.15	K14C9	45.429	125.224	208.501	1.371	0.22352	2.46629	4	X
K10RE1L	18.3	0.15	K14C9	78.140	83.992	229.683	1.122	0.18679	2.41672	6	X
K10RE2H	17.8	0.15	K14C9	12.241	153.740	258.100	3.750	0.10639	2.39489	4	X
K10RE4W	16.7	0.15	K14C9	117.321	240.667	7.250	13.225	0.11906	2.59605	4	X
K10RE5T	18.4	0.15	K14C9	66.659	45.532	284.324	0.759	0.20452	2.44008	3	X
K10RE9Z	18.1	0.15	K14C9	75.408	45.609	277.553	2.226	0.19779	2.38550	4	X
K10RF2A	17.9	0.15	K14C9	119.660	109.619	178.256	6.859	0.11227	2.38571	4	X
K10RF4N	17.1	0.15	K14C9	2.827	169.702	197.670	14.202	0.26551	2.60163	3	X
K10RG3J	17.8	0.15	K14C9	50.448	218.707	115.678	3.513	0.20673	2.42103	3	X
K10RG4H	18.0	0.15	K14C9	21.566	154.184	217.175	0.919	0.20063	2.47381	4	X
K10RG4K	16.6	0.15	K14C9	11.120	13.692	14.309	15.010	0.11543	2.44611	7	X
K10RG6U	17.6	0.15	K14C9	80.204	179.605	113.517	2.643	0.17805	2.44407	4	X
K10RH1Z	18.2	0.15	K14C9	27.271	347.229	3.928	7.432	0.25233	2.53261	3	X
K10RI3S	15.8	0.15	K14C9	316.394	99.607	305.742	15.907	0.11420	2.74243	5	X

K10S02N	17.5	0.15	K14C9	358.738	184.967	209.584	11.837	0.19673	2.57657	3 X
K10S14R	18.2	0.15	K14C9	326.924	288.735	156.662	2.670	0.16313	2.47596	6 X
K10S15R	17.4	0.15	K14C9	42.159	298.481	14.362	31.444	0.32609	2.55860	2 X
K10S18L	18.1	0.15	K14C9	49.621	134.233	192.455	8.099	0.22838	2.51598	4 X
K10S25V	18.2	0.15	K14C9	59.503	278.020	47.084	0.439	0.18764	2.45868	3 X
K10S26V	17.2	0.15	K14C9	119.107	248.419	7.152	6.900	0.12891	2.56194	3 X
K10S29N	17.6	0.15	K14C9	8.829	245.498	163.459	5.750	0.11698	2.42083	5 X
K10S31Z	18.0	0.15	K14C9	351.807	36.329	40.295	5.932	0.22432	2.42575	4 X
K10S34W	18.5	0.15	K14C9	1.384	27.834	40.928	5.613	0.19603	2.41279	4 X
K10S35B	17.8	0.15	K14C9	52.648	176.295	165.798	3.551	0.01892	2.47378	6 X
K10S37P	18.6	0.15	K14C9	43.464	176.341	186.970	4.597	0.18782	2.39102	5 X
K10T00B	16.2	0.15	K14C9	32.995	327.684	353.396	32.990	0.23722	2.61749	3 X
K10T03U	17.7	0.15	K14C9	80.423	145.231	176.282	3.586	0.12769	2.40790	6 X
K10T11F	17.4	0.15	K14C9	73.351	247.615	64.102	7.290	0.18404	2.45189	7 X
K10T13F	17.7	0.15	K14C9	88.123	324.616	340.413	4.810	0.12418	2.45637	4 X
K10T19M	15.6	0.15	K14C9	12.620	180.267	186.932	33.025	0.16747	2.61740	4 X
K10T22J	16.5	0.15	K14C9	181.187	182.370	17.916	10.805	0.22136	2.55562	5 X
K10T22W	18.5	0.15	K14C9	334.142	50.059	18.790	7.248	0.18016	2.53629	3 X
K10T25Q	17.7	0.15	K14C9	95.316	42.405	246.328	2.819	0.15385	2.42968	6 X
K10T25Y	17.6	0.15	K14C9	109.582	53.770	227.460	4.064	0.05174	2.44682	6 X
K10T26C	18.7	0.15	K14C9	1.827	166.281	234.018	2.134	0.33218	2.50888	3 X
K10T26G	18.3	0.15	K14C9	14.309	113.308	274.458	1.314	0.19908	2.46365	3 X
K10T31Q	17.7	0.15	K14C9	270.377	145.828	4.447	6.305	0.09140	2.41173	3 X
K10T31T	18.2	0.15	K14C9	45.393	95.417	256.423	0.549	0.20186	2.45076	3 X
K10T58S	16.8	0.15	K14C9	43.551	68.417	222.014	12.135	0.25416	2.67075	5 X
K10T62G	17.4	0.15	K14C9	180.003	319.995	275.626	4.121	0.07447	2.38530	5 X
K10T69J	17.8	0.15	K14C9	2.563	174.759	212.090	3.924	0.12333	2.52460	4 X
K10T81K	17.3	0.15	K14C9	359.274	171.945	241.740	4.764	0.10982	2.41406	7 X
K10T84Z	17.6	0.15	K14C9	106.967	274.530	30.259	4.873	0.08086	2.38562	4 X
K10T88S	18.1	0.15	K14C9	356.487	229.479	166.922	4.522	0.21438	2.53801	3 X
K10TA2B	18.2	0.15	K14C9	49.434	251.196	89.355	2.720	0.18675	2.46867	3 X
K10TA4G	17.7	0.15	K14C9	54.251	315.148	29.055	6.626	0.15396	2.44743	5 X
K10TA5Z	17.5	0.15	K14C9	214.299	324.991	228.259	4.312	0.07443	2.47297	5 X
K10TB0E	17.8	0.15	K14C9	299.543	75.177	49.793	6.675	0.07091	2.40553	6 X
K10TB5R	17.9	0.15	K14C9	18.649	164.834	199.132	6.001	0.08008	2.57264	4 X
K10TB9N	18.8	0.15	K14C9	11.838	178.332	200.281	6.694	0.31168	2.56828	3 X
K10TC6X	17.2	0.15	K14C9	83.303	193.701	112.026	2.983	0.18463	2.47246	6 X
K10TE2N	17.2	0.15	K14C9	66.719	41.021	274.442	4.645	0.14714	2.54952	6 X
K10TG4K	17.1	0.15	K14C9	9.653	166.588	201.981	13.214	0.26485	2.61343	4 X
K10TG5M	17.7	0.15	K14C9	352.599	1.752	33.123	4.862	0.19163	2.59681	3 X
K10TG9D	17.3	0.15	K14C9	33.764	322.801	13.657	14.953	0.18491	2.58720	3 X
K10TH6E	19.5	0.15	K14C9	19.967	147.579	223.120	5.937	0.38485	2.51462	3 X
K10TH9X	17.8	0.15	K14C9	2.236	336.547	53.968	1.853	0.16797	2.52701	4 X
K10TI1D	18.5	0.15	K14C9	7.272	12.615	35.875	4.963	0.23194	2.45543	2 X
K10TI4J	17.1	0.15	K14C9	51.997	205.773	155.029	6.615	0.15601	2.41733	6 X
K10U02C	16.8	0.15	K14C9	132.546	229.165	25.062	9.836	0.16929	2.57818	4 X
K10U05E	18.1	0.15	K14C9	28.200	330.350	15.512	4.909	0.25168	2.59441	2 X
K10U13J	18.3	0.15	K14C9	21.908	61.053	288.314	0.590	0.33787	2.57588	3 X
K10U14R	16.2	0.15	K14C9	359.140	167.766	235.960	11.110	0.17535	2.60310	5 X
K10U14V	16.8	0.15	K14C9	339.928	23.523	52.504	12.828	0.16495	2.57666	4 X
K10U21F	16.8	0.15	K14C9	43.350	298.015	61.056	14.342	0.20244	2.54998	4 X
K10U26M	17.5	0.15	K14C9	24.953	119.126	235.389	3.860	0.32618	2.57658	3 X
K10U27F	17.6	0.15	K14C9	354.444	184.765	227.531	3.577	0.20160	2.57846	4 X
K10U30F	17.1	0.15	K14C9	14.622	87.364	259.607	5.156	0.33399	2.63922	3 X
K10U34C	16.6	0.15	K14C9	19.787	337.385	22.418	15.390	0.15700	2.61141	4 X
K10U36N	16.6	0.15	K14C9	256.718	140.885	26.716	12.483	0.12141	2.61226	3 X
K10U37P	16.5	0.15	K14C9	60.090	281.123	48.776	11.929	0.13983	2.64759	4 X
K10U39P	17.1	0.15	K14C9	31.650	325.045	24.957	9.844	0.13958	2.58088	5 X
K10U45F	17.4	0.15	K14C9	31.435	17.137	345.183	6.053	0.09469	2.56282	5 X
K10U46K	17.5	0.15	K14C9	340.550	35.379	7.717	4.680	0.11836	2.62891	4 X
K10U54O	18.0	0.15	K14C9	12.363	35.305	341.956	1.908	0.26523	2.57433	3 X
K10U55B	17.6	0.15	K14C9	34.599	329.845	23.778	2.654	0.22855	2.56191	3 X
K10U55F	17.0	0.15	K14C9	329.541	36.630	44.029	13.198	0.15411	2.59158	4 X
K10U55S	17.9	0.15	K14C9	353.548	187.580	227.807	5.406	0.25549	2.57574	2 X
K10U56E	17.5	0.15	K14C9	346.574	151.337	272.132	3.473	0.19098	2.59188	5 X
K10U58Y	16.6	0.15	K14C9	59.261	96.971	246.394	7.736	0.12943	2.57825	5 X
K10U60X	17.8	0.15	K14C9	337.434	54.501	11.028	4.247	0.19911	2.58645	4 X
K10U63G	16.8	0.15	K14C9	333.326	42.975	39.049	19.029	0.20692	2.57548	4 X
K10U63Z	17.6	0.15	K14C9	19.501	109.931	268.393	2.449	0.22574	2.54734	6 X
K10U70G	17.9	0.15	K14C9	10.564	359.121	22.041	5.522	0.30776	2.57656	2 X
K10U71A	16.9	0.15	K14C9	358.835	27.696	355.232	9.920	0.17557	2.63489	4 X
K10U72K	16.2	0.15	K14C9	40.566	295.391	41.716	11.318	0.27984	2.59318	3 X
K10U76J	16.6	0.15	K14C9	41.807	352.503	2.178	4.787	0.21877	2.56716	5 X
K10U77P	17.5	0.15	K14C9	8.570	37.069	354.232	7.486	0.19083	2.55108	3 X
K10U77Z	16.7	0.15	K14C9	302.844	94.069	45.330	11.613	0.25504	2.60078	4 X
K10U80E	16.9	0.15	K14C9	90.384	277.588	25.692	15.325	0.09423	2.58835	4 X
K10U81B	16.3	0.15	K14C9	43.072	288.917	46.209	12.714	0.17414	2.60859	3 X
K10U81V	18.8	0.15	K14C9	20.729	2.009	8.588	5.736	0.21817	2.54955	3 X
K10U88Z	17.4	0.15	K14C9	323.504	54.596	16.309	9.179	0.18551	2.63123	3 X
K10U89X	17.4	0.15	K14C9	319.925	56.969	40.492	12.536	0.22886	2.59358	3 X
K10U92R	16.1	0.15	K14C9	330.533	196.200	228.896	33.173	0.20722	2.61649	3 X
K10U93R	17.5	0.15	K14C9	33.948	344.005	6.391	6.774	0.30830	2.54899	2 X
K10U94B	17.4	0.15	K14C9	13.344	196.980	188.192	3.749	0.13523	2.54870	5 X
K10U95Y	16.3	0.15	K14C9	32.844	340.455	34.297	13.317	0.16743	2.55974	3 X
K10U96V	16.7	0.15	K14C9	342.561	48.901	7.098	31.836	0.26130	2.60273	3 X
K10UA3J	17.8	0.15	K14C9	65.228	184.527	131.535	2.187	0.16576	2.59205	4 X
K10UA7N	18.3	0.15	K14C9	30.432	292.450	60.876	4.953	0.30135	2.55784	4 X
K10V02F	17.4	0.15	K14C9	71.961	300.788	6.887	7.887	0.15181	2.56411	3 X
K10V12F	17.6	0.15	K14C9	38.806	293.762	50.061	9.538	0.21882	2.58492	3 X
K10V14N	17.6	0.15	K14C9	339.323	233.226	200.239	4.648	0.28540	2.59107	3 X
K10V14X	18.4	0.15	K14C9	349.793	82.302	329.366	3.822	0.25686	2.61526	3 X
K10V22F	17.2	0.15	K14C9	55.909	290.129	43.507	4.683	0.06137	2.64462	5 X
K10V25E	17.3	0.15	K14C9	28.188	306.159	60.425	3.273	0.16367	2.60763	5 X
K10V25P	17.0	0.15	K14C9	28.566	112.544	228.272	2.940	0.20026	2.69081	6 X
K10V29H	17.5	0.15	K14C9	300.363	215.614	262.070	3.655	0.16118	2.58456	4 X
K10V30R	16.3	0.15	K14C9	32.095	142.434	192.981	12.511	0.12582	2.63896	6 X
K10V37M	17.6	0.15	K14C9	342.049	322.192	94.583	4.652	0.22815	2.61102	2 X

K10V37P	17.1	0.15	K14C9	359.461	317.373	77.778	8.111	0.14166	2.60221	4	X
K10V38J	16.8	0.15	K14C9	330.892	269.049	146.928	3.835	0.09765	2.66979	6	X
K10V45K	17.8	0.15	K14C9	356.238	358.472	57.610	9.199	0.19570	2.58910	3	X
K10V45X	17.2	0.15	K14C9	21.214	114.903	263.226	3.087	0.18502	2.57429	3	X
K10V46D	17.0	0.15	K14C9	56.645	291.619	49.918	9.476	0.21031	2.54307	5	X
K10V47E	17.1	0.15	K14C9	85.132	32.009	279.848	2.759	0.15479	2.58424	8	X
K10V49A	17.8	0.15	K14C9	14.210	51.000	326.532	4.568	0.27487	2.56965	2	X
K10V57J	18.0	0.15	K14C9	343.192	318.888	114.830	2.409	0.15890	2.55015	4	X
K10V65F	17.5	0.15	K14C9	18.350	63.485	323.744	3.569	0.16293	2.57214	4	X
K10V70S	16.9	0.15	K14C9	333.035	54.775	5.889	5.336	0.18907	2.65000	6	X
K10V71H	17.7	0.15	K14C9	350.480	295.969	120.087	5.437	0.25425	2.58690	3	X
K10V72B	20.8	0.15	K14C9	253.778	337.918	196.856	16.059	0.06724	1.21759	2	X
K10V80D	17.5	0.15	K14C9	199.262	152.105	56.824	6.340	0.07239	2.56445	7	X
K10V80U	16.9	0.15	K14C9	193.524	156.595	57.830	9.213	0.10588	2.56653	5	X
K10V83F	17.2	0.15	K14C9	308.405	239.373	239.918	9.201	0.14648	2.57074	3	X
K10V83S	16.7	0.15	K14C9	281.921	263.426	239.820	10.798	0.13559	2.59842	6	X
K10V84P	17.9	0.15	K14C9	346.992	11.571	51.086	3.403	0.17725	2.60877	3	X
K10V84Q	17.1	0.15	K14C9	34.343	292.767	64.735	2.424	0.06455	2.67284	4	X
K10V84V	17.6	0.15	K14C9	15.116	152.310	231.718	1.835	0.11384	2.60868	5	X
K10V85D	17.0	0.15	K14C9	289.200	95.839	62.356	5.268	0.25114	2.55832	5	X
K10V86D	16.9	0.15	K14C9	27.864	304.434	63.090	7.302	0.32558	2.55784	5	X
K10V88T	17.4	0.15	K14C9	27.523	357.535	22.294	3.762	0.19636	2.54332	4	X
K10V89G	17.4	0.15	K14C9	0.963	95.302	295.568	2.985	0.21265	2.63969	5	X
K10V89W	16.5	0.15	K14C9	45.235	266.082	54.473	13.127	0.27421	2.67329	6	X
K10V90K	17.5	0.15	K14C9	22.580	338.365	49.898	3.938	0.18378	2.55273	3	X
K10V90N	17.4	0.15	K14C9	47.444	68.501	280.701	3.340	0.27959	2.53594	4	X
K10V91T	17.3	0.15	K14C9	336.667	27.394	50.156	2.919	0.18411	2.62117	3	X
K10V93B	17.6	0.15	K14C9	227.780	144.977	17.785	15.704	0.04894	2.52379	5	X
K10VA0D	18.5	0.15	K14C9	356.107	4.722	50.634	6.818	0.22451	2.56755	3	X
K10VA2M	17.3	0.15	K14C9	156.221	46.129	196.086	1.036	0.05936	2.65267	4	X
K10VA2U	16.8	0.15	K14C9	53.017	118.096	230.976	9.423	0.17453	2.54939	5	X
K10VA4O	16.1	0.15	K14C9	312.414	262.923	225.245	14.756	0.24865	2.57155	6	X
K10VA5Y	17.9	0.15	K14C9	8.349	191.681	216.228	10.989	0.14415	2.52861	4	X
K10VA8E	17.6	0.15	K14C9	16.214	215.407	167.437	4.224	0.12935	2.56812	4	X
K10VB3M	17.9	0.15	K14C9	10.940	306.527	75.153	5.942	0.22938	2.60691	2	X
K10VB4G	17.2	0.15	K14C9	337.366	84.735	11.143	4.160	0.22335	2.54645	3	X
K10VB4K	17.4	0.15	K14C9	338.030	73.922	4.256	4.218	0.18530	2.59547	5	X
K10VB5A	17.1	0.15	K14C9	6.422	51.014	353.015	4.387	0.22192	2.55753	5	X
K10VB6G	17.7	0.15	K14C9	31.342	354.687	0.606	4.968	0.21373	2.59479	2	X
K10VC3O	17.0	0.15	K14C9	323.093	87.888	356.500	2.855	0.20168	2.62084	4	X
K10VD3O	17.0	0.15	K14C9	47.443	279.023	51.739	10.208	0.21994	2.60233	4	X
K10VD5Q	17.7	0.15	K14C9	343.490	268.094	142.730	0.599	0.13785	2.63265	4	X
K10VD8H	16.1	0.15	K14C9	43.998	305.370	32.547	29.690	0.09544	2.62851	4	X
K10VE9C	17.1	0.15	K14C9	75.071	210.939	97.195	5.576	0.20422	2.60055	5	X
K10VFOA	18.2	0.15	K14C9	28.675	208.988	162.749	3.107	0.26386	2.53346	3	X
K10VGSR	18.3	0.15	K14C9	352.215	9.543	38.345	6.727	0.29192	2.59646	2	X
K10VHOZ	17.2	0.15	K14C9	23.235	128.247	238.722	3.480	0.28380	2.58464	4	X
K10VH3D	18.1	0.15	K14C9	11.220	162.335	240.266	4.718	0.23914	2.55731	2	X
K10VH3P	16.9	0.15	K14C9	282.926	80.984	65.676	13.276	0.13929	2.60751	3	X
K10VH3Q	17.4	0.15	K14C9	31.022	112.352	246.547	6.316	0.20965	2.62258	5	X
K10VH6C	17.1	0.15	K14C9	40.986	21.336	319.459	5.643	0.26809	2.56404	4	X
K10V11A	17.4	0.15	K14C9	20.339	329.009	63.899	10.863	0.13814	2.55143	3	X
K10VI2F	17.5	0.15	K14C9	29.842	13.030	357.258	3.778	0.08020	2.59780	6	X
K10VI2T	17.1	0.15	K14C9	51.912	15.813	297.101	5.325	0.31593	2.57442	4	X
K10VI5A	17.1	0.15	K14C9	312.368	49.604	58.822	4.855	0.15356	2.60926	4	X
K10VI6G	17.3	0.15	K14C9	69.998	311.404	8.524	8.893	0.17029	2.57232	3	X
K10VI9G	18.0	0.15	K14C9	5.866	158.849	250.333	2.890	0.17086	2.55742	3	X
K10VJ1Y	17.4	0.15	K14C9	62.775	270.767	67.141	5.282	0.16221	2.54346	6	X
K10VJ2A	17.1	0.15	K14C9	309.174	280.137	207.957	3.157	0.19618	2.54969	4	X
K10VJ2J	17.6	0.15	K14C9	2.784	49.159	6.408	3.120	0.24161	2.54754	4	X
K10VJ7Z	17.4	0.15	K14C9	13.512	8.079	5.572	6.844	0.28510	2.60380	2	X
K10VJ8E	17.8	0.15	K14C9	345.286	346.091	78.989	5.547	0.22691	2.58031	3	X
K10VJ8W	17.4	0.15	K14C9	335.202	42.672	49.602	5.135	0.18154	2.55622	5	X
K10VJ9B	17.3	0.15	K14C9	36.069	122.054	222.590	9.597	0.22352	2.60666	5	X
K10VK6T	17.8	0.15	K14C9	8.384	103.413	288.856	1.734	0.16787	2.57194	3	X
K10VK8J	18.4	0.15	K14C9	336.797	207.092	224.361	3.822	0.23325	2.58542	3	X
K10VL4L	17.8	0.15	K14C9	351.970	39.359	3.467	3.028	0.19806	2.58774	3	X
K10VL8Z	17.6	0.15	K14C9	359.006	178.610	216.030	3.856	0.20242	2.65759	3	X
K10VL9W	17.8	0.15	K14C9	330.467	83.001	350.035	2.643	0.11067	2.57830	6	X
K10VM0D	17.3	0.15	K14C9	20.756	119.311	245.245	11.413	0.21954	2.60128	3	X
K10W02F	17.9	0.15	K14C9	355.455	340.076	70.626	8.695	0.18967	2.59599	3	X
K10W03L	17.3	0.15	K14C9	53.373	23.056	299.183	1.238	0.21189	2.62369	3	X
K10W05C	18.4	0.15	K14C9	10.547	14.239	13.590	3.168	0.19226	2.60666	2	X
K10W06W	17.6	0.15	K14C9	13.143	305.585	74.538	1.307	0.19317	2.63161	4	X
K10W15Q	17.7	0.15	K14C9	8.841	179.975	200.599	4.202	0.24927	2.61734	2	X
K10W16H	17.1	0.15	K14C9	1.078	214.455	201.782	8.239	0.14802	2.56731	3	X
K10W17O	17.5	0.15	K14C9	40.390	78.771	283.869	4.283	0.08931	2.59946	5	X
K10W21R	17.5	0.15	K14C9	338.645	16.098	53.009	1.172	0.07897	2.62879	4	X
K10W29W	17.3	0.15	K14C9	44.752	118.001	228.014	2.371	0.25278	2.58096	5	X
K10W32P	17.8	0.15	K14C9	22.144	155.847	203.006	1.708	0.08985	2.72305	4	X
K10W35U	17.4	0.15	K14C9	353.572	351.605	76.346	6.999	0.16949	2.55476	3	X
K10W44P	17.8	0.15	K14C9	27.095	322.428	18.346	5.423	0.35847	2.62068	3	X
K10W50G	17.1	0.15	K14C9	35.819	294.482	79.157	2.540	0.16927	2.56968	6	X
K10W57Y	17.5	0.15	K14C9	307.193	23.351	89.581	3.287	0.16291	2.63126	6	X
K10W59D	17.6	0.15	K14C9	11.548	81.743	298.318	2.744	0.30976	2.60523	4	X
K10W66G	17.2	0.15	K14C9	330.523	42.072	31.879	3.288	0.19489	2.61049	3	X
K10W67E	16.6	0.15	K14C9	348.944	135.293	273.134	4.961	0.07549	2.68579	5	X
K10W68C	17.1	0.15	K14C9	8.934	67.773	338.808	2.183	0.17359	2.57226	5	X
K10W69L	17.5	0.15	K14C9	330.907	150.191	306.340	0.879	0.13370	2.58186	6	X
K10W69R	17.8	0.15	K14C9	29.295	312.565	65.048	5.139	0.16876	2.58698	3	X
K10W70C	17.1	0.15	K14C9	14.032	224.821	175.695	4.443	0.26451	2.54524	3	X
K10W74T	16.6	0.15	K14C9	51.316	245.308	88.673	8.796	0.14470	2.58566	5	X
K10X04V	16.4	0.15	K14C9	22.996	171.588	214.152	13.574	0.14378	2.58239	7	X
K10X09X	17.6	0.15	K14C9	33.232	178.739	189.962	4.180	0.22181	2.57091	2	X
K10X15S	17.3	0.15	K14C9	283.640	80.384	69.797	3.297	0.10674	2.54849	7	X
K10X18N	16.5	0.15	K14C9	352.532	189.215	224.849	11.207	0.16828	2.63858	5	X
K10X18X	17.4	0.15	K14C9	22.599	255.050	135.082	5.671	0.13759	2.58595	6	X

K10X19G	17.4	0.15	K14C9	353.398	213.451	216.301	8.218	0.14093	2.57970	4	X
K10X21S	17.1	0.15	K14C9	342.041	42.676	15.620	6.328	0.25013	2.65457	4	X
K10X22P	17.5	0.15	K14C9	332.267	6.462	65.742	5.437	0.04625	2.62870	4	X
K10X38V	17.0	0.15	K14C9	18.306	165.905	208.916	3.985	0.26506	2.61219	6	X
K10X42D	16.7	0.15	K14C9	147.324	159.410	105.273	5.675	0.02224	2.77827	8	X
K10X42Y	16.9	0.15	K14C9	16.083	174.257	196.815	14.336	0.26501	2.62344	4	X
K10X46O	16.9	0.15	K14C9	1.232	138.729	254.722	6.761	0.23348	2.70794	4	X
K10X56Y	17.7	0.15	K14C9	43.986	272.697	65.280	5.534	0.16117	2.61245	3	X
K10X57M	17.0	0.15	K14C9	17.246	284.122	87.175	4.755	0.22948	2.66892	5	X
K10X58P	17.0	0.15	K14C9	26.362	185.866	185.446	5.299	0.19602	2.59161	3	X
K10X63K	17.2	0.15	K14C9	329.569	347.731	92.888	4.710	0.17157	2.73973	4	X
K10X64N	17.1	0.15	K14C9	19.526	287.124	82.754	6.965	0.05952	2.69801	5	X
K10X64R	16.5	0.15	K14C9	21.577	281.751	93.655	7.301	0.04560	2.69140	6	X
K10X68O	16.8	0.15	K14C9	319.239	115.080	14.202	4.101	0.23173	2.55061	3	X
K10X69H	17.0	0.15	K14C9	31.349	167.081	215.082	6.010	0.09161	2.58651	5	X
K10X76H	17.3	0.15	K14C9	347.985	210.502	209.025	2.972	0.14932	2.63735	4	X
K10X83F	17.4	0.15	K14C9	336.343	348.263	87.655	3.216	0.18262	2.64317	3	X
K10X84B	17.4	0.15	K14C9	349.064	260.319	169.164	4.327	0.21294	2.60264	5	X
K10X85B	16.8	0.15	K14C9	357.914	157.720	239.926	11.865	0.16077	2.67421	6	X
K10Y01E	17.7	0.15	K14C9	326.194	343.692	122.113	4.777	0.18167	2.65864	8	X
K10Y04N	17.8	0.15	K14C9	345.974	52.599	24.858	4.666	0.36075	2.61185	3	X
K10Y04T	17.7	0.15	K14C9	338.971	184.147	250.296	2.419	0.18980	2.63580	3	X
K11A09F	17.1	0.15	K14C9	341.121	335.296	113.410	5.246	0.21611	2.64534	4	X
K11A32L	17.0	0.15	K14C9	3.047	323.813	86.028	6.068	0.20687	2.69266	4	X
K11A33G	17.0	0.15	K14C9	29.248	296.028	93.486	6.942	0.04547	2.75104	8	X
K11A33T	16.9	0.15	K14C9	34.996	351.584	22.673	4.916	0.08471	2.77920	5	X
K11A34X	17.2	0.15	K14C9	308.312	251.193	248.173	7.161	0.19579	2.66275	6	X
K11A41L	17.3	0.15	K14C9	277.023	140.412	8.711	4.434	0.09056	2.77221	6	X
K11A42Q	16.8	0.15	K14C9	204.035	134.310	68.957	4.569	0.13160	2.97249	4	X
K11A49G	15.9	0.15	K14C9	262.246	35.839	123.200	9.077	0.24358	2.86054	6	X
K11A49M	17.5	0.15	K14C9	21.265	345.094	49.651	5.338	0.08281	2.72118	6	X
K11A52V	16.0	0.15	K14C9	259.352	60.266	84.623	5.644	0.07838	3.00332	6	X
K11A61Y	17.9	0.15	K14C9	358.974	11.851	47.526	3.534	0.17540	2.68991	4	X
K11A66G	17.2	0.15	K14C9	3.646	297.681	118.196	3.939	0.16153	2.73754	6	X
K11A76B	17.7	0.15	K14C9	335.067	56.193	54.996	6.573	0.25947	2.61026	4	X
K11A78F	18.2	0.15	K14C9	344.091	4.090	86.432	4.599	0.25753	2.55135	3	X
K11B06V	17.3	0.15	K14C9	2.769	307.661	107.206	5.412	0.06170	2.76188	6	X
K11B07D	16.7	0.15	K14C9	349.657	296.056	112.052	6.143	0.07149	2.88011	5	X
K11B07K	17.7	0.15	K14C9	351.177	84.499	322.056	1.335	0.23709	2.77409	4	X
K11B12U	16.9	0.15	K14C9	323.597	336.006	111.970	3.822	0.15848	2.79902	6	X
K11B19F	17.0	0.15	K14C9	311.228	332.527	131.255	3.603	0.07583	2.84523	5	X
K11B25K	16.5	0.15	K14C9	264.188	329.026	196.564	7.969	0.21741	2.85258	4	X
K11B65Q	16.4	0.15	K14C9	34.033	357.979	12.485	8.354	0.05666	3.03219	3	X
K11B82D	17.0	0.15	K14C9	274.851	65.990	86.939	5.980	0.10393	2.78783	7	X
K11B82W	16.6	0.15	K14C9	330.805	1.968	89.971	4.866	0.06770	2.78327	6	X
K11B94W	17.1	0.15	K14C9	3.681	319.871	94.734	7.323	0.05540	2.75239	5	X
K11B98F	16.0	0.15	K14C9	55.923	232.476	101.956	10.153	0.07473	3.00642	4	X
K11BA0U	16.7	0.15	K14C9	222.288	22.660	166.148	2.812	0.13785	3.10095	7	X
K11BA1O	17.1	0.15	K14C9	331.444	0.630	90.897	4.526	0.11418	2.78673	7	X
K11BA3Z	17.0	0.15	K14C9	316.678	150.627	279.450	1.011	0.04696	3.11550	5	X
K11BA9X	17.0	0.15	K14C9	297.498	255.773	208.806	8.021	0.09524	3.02641	3	X
K11BB4H	16.6	0.15	K14C9	269.794	70.730	72.104	6.571	0.10820	2.96314	5	X
K11BB6F	17.5	0.15	K14C9	332.570	329.323	119.045	4.131	0.14797	2.74613	6	X
K11BB7C	17.2	0.15	K14C9	14.957	315.534	81.162	6.532	0.15973	2.69368	5	X
K11BB8U	16.3	0.15	K14C9	274.537	39.803	93.633	7.122	0.02959	2.92160	6	X
K11BE0P	18.1	0.15	K14C9	340.611	73.142	5.963	4.929	0.14000	2.73866	5	X
K11BE0Y	16.6	0.15	K14C9	188.075	135.963	83.090	6.889	0.15683	3.00686	5	X
K11BF4B	16.7	0.15	K14C9	292.726	297.148	165.295	9.873	0.05928	3.10675	5	X
K11C00Q	16.8	0.15	K14C9	307.707	102.859	6.006	7.546	0.19302	2.87228	5	X
K11C09V	16.1	0.15	K14C9	226.369	38.304	128.176	9.726	0.06117	3.10905	5	X
K11C23G	17.7	0.15	K14C9	321.105	106.950	14.991	3.235	0.15390	2.72100	5	X
K11C26E	16.6	0.15	K14C9	14.813	276.117	128.040	4.724	0.10017	2.79649	7	X
K11C41Q	17.1	0.15	K14C9	307.317	197.610	271.537	3.813	0.07653	2.91448	6	X
K11C64Q	16.0	0.15	K14C9	254.880	36.689	107.618	10.976	0.04720	3.07756	4	X
K11C78Y	16.7	0.15	K14C9	295.653	263.543	195.258	5.316	0.12117	3.05032	5	X
K11CB7B	17.1	0.15	K14C9	20.460	66.605	315.205	3.553	0.18950	2.97968	5	X
K11D13K	17.7	0.15	K14C9	326.042	176.439	288.391	3.125	0.16120	2.76684	4	X
K11D42Q	15.9	0.15	K14C9	280.628	114.203	16.744	17.333	0.06057	3.11958	4	X
K11D51E	16.5	0.15	K14C9	306.608	62.791	63.918	16.235	0.20657	2.85615	3	X
K11E06M	16.0	0.15	K14C9	243.691	308.015	202.831	14.705	0.19192	3.18494	6	X
K11E23N	15.9	0.15	K14C9	334.841	54.541	28.254	10.512	0.08465	3.02191	5	X
K11E37A	15.8	0.15	K14C9	236.427	172.460	3.846	11.358	0.10399	3.21552	6	X
K11E51M	21.9	0.15	K14C9	108.392	142.248	134.225	1.866	0.33515	1.32099	4	X
K11E61T	16.4	0.15	K14C9	349.605	5.222	62.634	11.032	0.07895	3.01940	3	X
K11E66L	15.8	0.15	K14C9	285.450	291.962	173.664	19.498	0.20248	3.18047	6	X
K11F06X	17.0	0.15	K14C9	293.251	321.957	165.768	2.204	0.17391	2.96859	4	X
K11F10W	16.2	0.15	K14C9	288.238	114.619	21.501	16.762	0.17013	3.03967	4	X
K11F35G	16.1	0.15	K14C9	263.488	106.279	59.586	4.762	0.09287	3.13395	6	X
K11F42Q	16.1	0.15	K14C9	254.075	75.377	95.782	3.085	0.09596	3.17892	6	X
K11F42U	15.8	0.15	K14C9	291.138	101.544	20.336	16.195	0.19751	3.13803	3	X
K11F46G	15.9	0.15	K14C9	321.390	65.563	53.178	15.027	0.13321	2.98005	3	X
K11F55J	16.5	0.15	K14C9	279.155	28.220	111.081	2.315	0.13359	3.06338	7	X
K11FC0R	16.7	0.15	K14C9	305.161	130.738	344.299	1.266	0.07828	3.11269	4	X
K11FD8P	17.0	0.15	K14C9	328.803	248.522	202.422	1.429	0.07802	3.05384	3	X
K11FD8S	16.1	0.15	K14C9	311.642	280.790	174.107	11.550	0.15886	3.04921	4	X
K11FE0O	16.2	0.15	K14C9	221.044	1.384	192.591	9.667	0.05192	3.18327	5	X
K11FE7S	15.5	0.15	K14C9	199.580	140.090	77.393	15.468	0.13036	3.11665	7	X
K11FF5T	16.4	0.15	K14C9	341.419	206.810	216.170	10.038	0.19641	3.17407	3	X
K11FF6Y	15.6	0.15	K14C9	303.042	64.134	28.453	11.223	0.04455	3.22933	5	X
K11FF6Z	15.4	0.15	K14C9	344.774	40.490	31.436	10.380	0.08363	3.01788	9	X
K11G04X	15.8	0.15	K14C9	248.395	99.102	85.817	6.852	0.11163	3.10465	7	X
K11G28U	16.6	0.15	K14C9	318.564	74.396	30.166	10.330	0.10680	3.05049	4	X
K11G63B	15.4	0.15	K14C9	301.845	55.126	68.358	14.626	0.04027	3.16834	6	X
K11G75P	15.6	0.15	K14C9	300.957	69.667	49.560	16.685	0.13811	3.18610	2	X
K11G77P	16.1	0.15	K14C9	243.940	28.634	169.885	9.015	0.15349	3.20251	6	X
K11G79C	16.0	0.15	K14C9	292.597	282.238	200.420	15.173	0.21400	3.14261	7	X
K11G88H	16.8	0.15	K14C9	285.778	299.424	191.429	1.003	0.17391	3.13034	6	X

K11H00F	20.4	0.15	K14C9	47.352	149.563	204.931	10.621	0.23486	1.28373	2	X
K11H54E	16.1	0.15	K14C9	273.952	97.236	60.557	13.399	0.13308	3.13963	5	X
K11H85R	16.4	0.15	K14C9	291.940	97.743	48.475	7.926	0.11511	3.07983	5	X
K11H93S	15.2	0.15	K14C9	78.765	215.266	114.266	4.918	0.08647	3.93744	7	X
K11H98C	16.3	0.15	K14C9	339.844	25.625	54.581	28.140	0.12489	3.14350	5	X
K11J07F	18.6	0.15	K14C9	58.342	130.063	199.133	23.562	0.09847	1.87676	4	X
K11J09W	13.5	0.15	K14C9	167.189	3.305	238.281	17.535	0.02684	5.14893	4	X
K11J16J	15.9	0.15	K14C9	310.267	72.760	52.987	16.505	0.19475	3.12262	5	X
K11L03Y	15.1	0.15	K14C9	292.308	285.022	231.620	24.671	0.24059	3.16617	9	X
K11P13P	17.5	0.15	K14C9	66.528	10.665	321.174	17.093	0.07835	1.95647	5	X
K11Q03O	12.9	0.15	K14C9	109.270	42.261	265.809	9.856	0.11921	5.22176	6	X
K11Q80J	18.3	0.15	K14C9	1.775	205.294	218.125	9.593	0.17523	2.00381	5	X
K11R17B	18.0	0.15	K14C9	33.974	322.999	8.608	6.242	0.38086	2.13133	3	X
K11UG3B	18.2	0.15	K14C9	33.854	64.934	284.611	1.896	0.20674	2.14976	3	X
K11UI2A	17.6	0.15	K14C9	358.937	36.845	321.777	4.196	0.17069	2.28341	5	X
K11UJ1G	18.1	0.15	K14C9	282.458	266.063	212.913	4.899	0.07647	2.20059	4	X
K11U00K	18.1	0.15	K14C9	65.074	268.157	31.576	4.664	0.17681	2.20268	6	X
K11U08M	18.6	0.15	K14C9	18.418	167.503	220.948	2.633	0.06501	2.13778	5	X
K11UT9A	18.8	0.15	K14C9	37.083	296.581	55.464	2.532	0.19411	2.13462	3	X
K11Ue4C	17.6	0.15	K14C9	123.003	209.682	59.125	7.611	0.14732	2.20929	3	X
K11V15W	18.8	0.15	K14C9	350.379	193.848	210.733	0.875	0.10210	2.15349	4	X
K11V18O	18.2	0.15	K14C9	64.542	14.425	320.034	1.576	0.20579	2.13172	5	X
K11W39D	19.3	0.15	K14C9	220.599	349.207	240.909	59.492	0.54127	1.30194	2	X
K11W70O	17.5	0.15	K14C9	220.318	124.702	61.702	6.417	0.07196	2.21775	6	X
K11W75K	18.1	0.15	K14C9	70.165	49.969	266.205	4.715	0.14665	2.15526	5	X
K11WA0V	18.4	0.15	K14C9	276.650	333.143	166.186	1.754	0.00871	2.12239	5	X
K11WE1B	18.6	0.15	K14C9	32.386	3.885	356.970	2.105	0.20940	2.16070	6	X
K11Y04T	17.3	0.15	K14C9	296.005	37.411	67.870	6.393	0.06470	2.31625	6	X
K11Y26L	18.3	0.15	K14C9	310.277	284.065	181.704	2.583	0.16875	2.30240	5	X
K11Y42B	17.7	0.15	K14C9	268.548	83.412	69.572	6.927	0.03632	2.22662	6	X
K11Y45N	17.6	0.15	K14C9	197.227	62.716	148.862	2.952	0.13161	2.42759	8	X
K11Y45O	17.8	0.15	K14C9	37.325	86.163	273.869	5.319	0.12191	2.33336	7	X
K11Y57J	18.0	0.15	K14C9	259.023	69.103	95.202	5.443	0.07346	2.28757	5	X
K11Y61K	17.7	0.15	K14C9	286.690	344.155	139.823	6.376	0.10370	2.31950	4	X
K11Y70D	17.0	0.15	K14C9	324.779	123.274	344.089	22.023	0.29353	2.36372	6	X
K11Y74C	18.2	0.15	K14C9	13.965	350.044	38.340	7.582	0.14010	2.23534	4	X
K12A02K	18.4	0.15	K14C9	310.494	206.061	264.911	4.354	0.09460	2.24816	6	X
K12A06C	17.8	0.15	K14C9	301.163	223.059	256.360	1.028	0.12541	2.27523	7	X
K12A09A	17.7	0.15	K14C9	249.553	259.318	264.501	5.652	0.04410	2.35643	4	X
K12A21S	18.0	0.15	K14C9	285.709	239.853	270.806	2.901	0.11991	2.25258	6	X
K12B05B	17.5	0.15	K14C9	148.665	143.617	106.253	2.436	0.13171	2.47859	8	X
K12B07E	18.1	0.15	K14C9	215.037	89.819	106.572	2.549	0.14263	2.41789	6	X
K12B10C	18.1	0.15	K14C9	254.783	344.643	182.714	4.893	0.16649	2.42737	5	X
K12B11V	17.9	0.15	K14C9	358.802	324.439	91.982	4.515	0.12964	2.27939	6	X
K12B13C	17.9	0.15	K14C9	286.548	244.389	270.125	3.783	0.22551	2.28125	4	X
K12B19O	18.2	0.15	K14C9	294.627	94.903	23.183	6.294	0.09202	2.30906	5	X
K12B24Z	17.8	0.15	K14C9	227.535	108.681	88.288	7.316	0.09204	2.38739	3	X
K12B26H	17.7	0.15	K14C9	355.974	10.190	47.911	7.168	0.17554	2.26925	5	X
K12B30D	18.2	0.15	K14C9	340.164	233.162	209.055	2.255	0.11481	2.22414	5	X
K12B54B	17.8	0.15	K14C9	284.083	152.236	339.278	3.066	0.16709	2.40510	6	X
K12B55D	17.6	0.15	K14C9	282.015	129.189	8.032	3.937	0.14546	2.41293	7	X
K12B55E	17.8	0.15	K14C9	310.292	347.254	120.209	6.483	0.19757	2.36463	6	X
K12B56L	17.8	0.15	K14C9	287.762	95.029	50.690	2.621	0.10539	2.34175	6	X
K12B65J	18.0	0.15	K14C9	13.233	246.576	154.333	5.275	0.05962	2.29162	5	X
K12B80R	18.3	0.15	K14C9	320.833	16.451	84.331	2.375	0.14398	2.27384	6	X
K12B82Q	18.1	0.15	K14C9	312.154	350.688	118.118	4.618	0.07069	2.30301	5	X
K12B88T	17.4	0.15	K14C9	164.981	134.892	99.268	4.653	0.11690	2.52530	6	X
K12B93H	17.6	0.15	K14C9	251.883	65.957	105.349	7.337	0.05381	2.33398	4	X
K12B93M	18.4	0.15	K14C9	318.681	55.641	28.549	2.703	0.14971	2.36329	3	X
K12B98N	17.7	0.15	K14C9	215.504	79.974	122.477	2.194	0.04931	2.35595	5	X
K12B99X	17.8	0.15	K14C9	276.216	115.426	24.710	1.640	0.11579	2.36367	5	X
K12BA0A	18.5	0.15	K14C9	352.570	316.331	96.080	3.468	0.17120	2.31685	3	X
K12BA4S	17.9	0.15	K14C9	239.963	31.251	144.293	3.049	0.10439	2.38206	5	X
K12BB0H	17.4	0.15	K14C9	111.431	336.998	313.113	2.460	0.14699	2.55180	8	X
K12BB1Z	17.4	0.15	K14C9	294.804	165.579	310.379	3.747	0.12344	2.40979	4	X
K12BB4U	18.4	0.15	K14C9	335.077	153.061	293.905	2.067	0.12337	2.27261	5	X
K12BC1P	18.5	0.15	K14C9	297.879	257.723	241.202	4.421	0.13545	2.29243	4	X
K12BC4R	17.2	0.15	K14C9	296.297	320.437	143.544	6.389	0.05848	2.43460	5	X
K12BC6N	18.3	0.15	K14C9	334.558	325.668	116.098	3.794	0.16476	2.34245	4	X
K12BC7M	17.5	0.15	K14C9	232.860	206.443	330.093	1.755	0.09083	2.40888	6	X
K12BC9N	18.3	0.15	K14C9	335.383	337.669	108.999	3.104	0.12859	2.30118	4	X
K12BD0G	18.0	0.15	K14C9	295.019	28.525	99.524	2.302	0.12965	2.34270	5	X
K12BD7V	18.9	0.15	K14C9	4.091	176.441	229.919	1.892	0.19245	2.24540	3	X
K12BE7V	17.4	0.15	K14C9	186.825	316.153	261.922	5.393	0.09045	2.46167	5	X
K12BF2C	18.2	0.15	K14C9	292.271	79.719	31.412	3.057	0.13848	2.39388	3	X
K12BF2E	18.0	0.15	K14C9	285.245	141.702	335.161	2.154	0.11732	2.43595	4	X
K12BF2P	18.1	0.15	K14C9	294.647	72.068	52.286	3.323	0.13774	2.37695	4	X
K12C09H	18.1	0.15	K14C9	326.004	264.625	171.395	1.260	0.15476	2.38760	4	X
K12C13C	17.4	0.15	K14C9	13.560	288.252	123.438	7.342	0.08734	2.31893	4	X
K12C21L	17.8	0.15	K14C9	355.578	248.691	161.588	1.341	0.17827	2.37076	5	X
K12C29X	16.9	0.15	K14C9	164.412	117.861	120.708	3.144	0.12767	2.48511	8	X
K12C45H	17.3	0.15	K14C9	247.035	133.530	49.162	1.857	0.12797	2.42463	7	X
K12C45K	17.7	0.15	K14C9	335.322	325.502	113.518	3.035	0.18412	2.36672	5	X
K12C47Z	17.8	0.15	K14C9	272.457	102.210	52.747	3.286	0.12048	2.40932	7	X
K12C52D	18.0	0.15	K14C9	346.734	265.648	167.922	5.858	0.09118	2.36399	3	X
K12D05X	17.7	0.15	K14C9	353.974	72.221	336.827	6.102	0.11148	2.44211	5	X
K12D13U	16.6	0.15	K14C9	157.080	66.285	179.741	4.920	0.10741	2.80015	6	X
K12D13W	18.0	0.15	K14C9	280.772	118.192	28.727	1.871	0.12374	2.37271	6	X
K12D18H	17.4	0.15	K14C9	210.492	25.074	192.178	1.278	0.13193	2.38110	7	X
K12D20L	18.5	0.15	K14C9	310.256	322.130	159.631	5.111	0.18307	2.30096	6	X
K12D22G	15.1	0.15	K14C9	75.437	256.161	36.807	12.899	0.16925	3.11959	6	X
K12D27H	17.9	0.15	K14C9	279.725	155.227	332.191	4.101	0.19264	2.52217	6	X
K12D28J	16.9	0.15	K14C9	49.727	326.123	16.946	6.171	0.02283	2.76286	5	X
K12D28T	16.0	0.15	K14C9	111.715	98.609	164.710	16.462	0.16547	3.13823	6	X
K12D34W	17.8	0.15	K14C9	207.552	113.659	97.082	3.480	0.03354	2.51050	4	X
K12D35A	18.2	0.15	K14C9	339.181	66.598	19.178	4.911	0.15160	2.34990	2	X
K12D35G	17.4	0.15	K14C9	350.902	59.246	13.325	5.987	0.16315	2.35127	5	X

K12D37Q	17.1	0.15	K14C9	261.204	55.569	122.089	6.459	0.18420	2.40567	6	X
K12D40H	18.2	0.15	K14C9	338.594	4.504	72.109	1.523	0.19693	2.34139	3	X
K12D50D	18.3	0.15	K14C9	340.412	272.518	167.692	4.478	0.20396	2.41520	5	X
K12D55G	17.9	0.15	K14C9	295.567	114.588	8.036	3.320	0.14975	2.40762	5	X
K12D57Y	17.1	0.15	K14C9	279.556	331.557	148.200	5.111	0.05679	2.66130	5	X
K12D60H	17.0	0.15	K14C9	153.443	235.120	9.540	6.176	0.02696	2.76439	4	X
K12D65F	16.6	0.15	K14C9	48.600	208.565	142.097	3.293	0.23419	2.56851	8	X
K12D72E	17.6	0.15	K14C9	283.362	93.657	54.861	7.084	0.22910	2.38110	5	X
K12D75O	16.4	0.15	K14C9	108.010	102.114	165.924	12.424	0.14998	2.91275	4	X
K12D82C	17.7	0.15	K14C9	335.241	115.214	337.161	2.267	0.15578	2.34804	5	X
K12D87H	16.2	0.15	K14C9	310.164	64.092	12.047	15.143	0.03126	2.78227	3	X
K12D90W	17.7	0.15	K14C9	262.736	24.493	137.539	2.897	0.14310	2.41695	4	X
K12D90Z	17.1	0.15	K14C9	89.241	175.321	133.869	3.475	0.08610	2.61905	7	X
K12D92Q	17.5	0.15	K14C9	160.329	255.668	326.176	2.621	0.03493	2.77114	6	X
K12E00X	17.5	0.15	K14C9	135.074	315.917	312.195	3.342	0.05103	2.60689	4	X
K12E07B	16.7	0.15	K14C9	247.534	313.493	213.125	11.210	0.12488	2.57031	7	X
K12E07Q	16.1	0.15	K14C9	174.993	207.106	357.919	8.769	0.09628	2.79120	5	X
K12E09H	18.2	0.15	K14C9	304.764	69.542	58.481	4.028	0.14475	2.39241	5	X
K12E15O	15.1	0.15	K14C9	141.707	218.297	7.115	32.492	0.17849	3.18029	3	X
K12F02N	18.2	0.15	K14C9	309.993	138.489	341.120	1.062	0.12817	2.34642	7	X
K12F05J	17.8	0.15	K14C9	84.861	352.798	330.426	4.168	0.01648	2.55729	4	X
K12F06Z	18.3	0.15	K14C9	321.105	121.340	343.984	2.345	0.12977	2.34354	5	X
K12F10G	16.0	0.15	K14C9	210.161	144.266	74.166	15.219	0.21448	2.64440	5	X
K12F12O	17.7	0.15	K14C9	321.364	304.757	165.409	6.192	0.16068	2.36913	5	X
K12F14K	15.5	0.15	K14C9	112.074	228.642	30.170	27.235	0.15330	3.18013	5	X
K12F18U	16.4	0.15	K14C9	49.192	173.124	142.562	1.674	0.12830	3.11572	8	X
K12F19E	17.0	0.15	K14C9	72.407	293.184	29.953	4.816	0.07248	2.76351	4	X
K12F25K	16.8	0.15	K14C9	194.828	178.033	29.705	7.043	0.01976	2.69824	4	X
K12F25P	17.0	0.15	K14C9	216.060	173.242	23.407	12.691	0.06691	2.62235	5	X
K12F26F	16.3	0.15	K14C9	23.733	13.273	2.044	6.082	0.03304	2.73461	6	X
K12F32D	16.6	0.15	K14C9	228.583	9.704	171.114	14.133	0.18988	2.67443	5	X
K12F35B	17.0	0.15	K14C9	163.253	199.073	41.525	7.023	0.00322	2.72873	5	X
K12F38X	16.8	0.15	K14C9	344.863	145.164	264.751	4.424	0.00521	2.66341	7	X
K12F44C	16.4	0.15	K14C9	346.528	15.605	18.660	10.007	0.00515	3.09807	3	X
K12F44H	15.5	0.15	K14C9	139.396	234.300	29.194	20.617	0.13294	3.05873	5	X
K12F49R	18.0	0.15	K14C9	267.482	107.748	55.956	2.984	0.15292	2.43413	4	X
K12F50J	18.0	0.15	K14C9	330.384	14.606	73.951	3.595	0.16697	2.43958	5	X
K12F52F	17.1	0.15	K14C9	112.835	114.672	173.544	5.538	0.05526	2.71562	8	X
K12F53W	16.7	0.15	K14C9	97.046	168.671	128.981	5.674	0.08139	2.92009	4	X
K12F55A	16.2	0.15	K14C9	102.467	233.272	46.824	7.444	0.14469	3.12182	6	X
K12F57C	15.6	0.15	K14C9	78.323	17.011	314.230	15.008	0.21638	2.54459	5	X
K12F61C	16.5	0.15	K14C9	281.827	349.246	125.152	5.005	0.16430	2.67546	7	X
K12F61D	18.3	0.15	K14C9	320.286	4.911	102.468	2.300	0.13573	2.45111	5	X
K12F61F	16.7	0.15	K14C9	252.520	335.631	169.380	6.812	0.04624	2.76961	6	X
K12F66O	17.6	0.15	K14C9	319.032	343.131	129.542	5.672	0.17789	2.37187	6	X
K12F68L	17.7	0.15	K14C9	302.913	95.067	39.209	8.325	0.11019	2.39648	5	X
K12F73V	16.9	0.15	K14C9	328.840	240.867	196.425	21.588	0.07111	2.63758	3	X
K12F74B	16.8	0.15	K14C9	312.247	249.458	191.158	12.915	0.16266	2.67114	3	X
K12F75G	16.1	0.15	K14C9	349.195	29.293	20.953	22.356	0.02584	2.67262	5	X
K12F78F	15.5	0.15	K14C9	118.532	241.706	26.711	24.482	0.11502	3.18818	5	X
K12F79D	17.2	0.15	K14C9	334.770	354.988	80.095	4.776	0.16834	2.37086	5	X
K12G00B	15.8	0.15	K14C9	125.834	260.809	7.767	10.173	0.10996	2.99598	5	X
K12G02U	17.1	0.15	K14C9	232.923	145.134	28.349	5.008	0.01482	2.76994	5	X
K12G03R	16.6	0.15	K14C9	302.319	256.934	197.529	12.059	0.10021	2.78470	3	X
K12G04R	16.9	0.15	K14C9	240.074	151.379	25.327	4.179	0.18369	2.62150	7	X
K12G09M	16.0	0.15	K14C9	69.434	119.195	205.981	15.663	0.16436	3.01988	5	X
K12G10R	16.6	0.15	K14C9	122.317	52.590	204.355	9.147	0.13612	3.14737	4	X
K12G12Z	16.3	0.15	K14C9	205.882	332.455	202.873	9.352	0.03935	3.01384	4	X
K12G14B	16.7	0.15	K14C9	338.994	231.296	206.486	13.628	0.11938	2.58011	6	X
K12G15M	15.7	0.15	K14C9	61.330	303.453	21.716	17.817	0.12964	3.15675	6	X
K12G20A	16.2	0.15	K14C9	48.628	308.912	32.095	9.973	0.16527	3.11907	4	X
K12G20O	16.3	0.15	K14C9	153.735	176.063	78.347	11.651	0.06467	2.86810	5	X
K12G22N	16.2	0.15	K14C9	138.976	99.017	147.218	12.439	0.04486	3.20429	4	X
K12G23E	15.2	0.15	K14C9	142.433	224.377	13.597	13.903	0.12859	3.14471	7	X
K12G24N	16.4	0.15	K14C9	237.212	151.425	23.313	12.715	0.14865	2.75973	5	X
K12G25H	16.1	0.15	K14C9	183.655	8.361	184.276	9.805	0.03587	3.12120	6	X
K12G25Y	15.7	0.15	K14C9	156.114	206.140	11.682	15.856	0.02616	3.09130	4	X
K12G29N	16.8	0.15	K14C9	344.497	44.535	20.307	6.508	0.13706	2.65013	5	X
K12G29Z	17.2	0.15	K14C9	272.408	297.246	191.830	7.644	0.16213	2.69788	5	X
K12G31D	16.5	0.15	K14C9	145.750	95.180	151.388	5.508	0.11244	3.07428	7	X
K12G33F	15.8	0.15	K14C9	125.635	57.493	206.093	25.317	0.13530	3.16684	3	X
K12G33Q	15.8	0.15	K14C9	76.180	110.272	200.614	9.859	0.09057	3.17854	6	X
K12G35U	16.7	0.15	K14C9	139.461	55.433	214.555	10.579	0.05543	2.90552	6	X
K12H07P	15.9	0.15	K14C9	186.334	150.875	50.385	12.726	0.08994	3.10400	5	X
K12H09B	16.0	0.15	K14C9	93.922	224.574	78.596	12.180	0.12516	3.09554	5	X
K12H11H	16.3	0.15	K14C9	72.936	203.562	143.969	7.139	0.08138	2.75191	9	X
K12H12T	15.8	0.15	K14C9	5.419	293.641	93.746	12.505	0.03968	3.20039	5	X
K12H15C	16.3	0.15	K14C9	102.163	266.936	42.734	14.201	0.05243	2.73855	4	X
K12H25U	16.7	0.15	K14C9	186.663	171.116	49.349	13.723	0.11237	2.76084	5	X
K12H27Y	16.6	0.15	K14C9	192.948	155.003	60.519	11.715	0.07409	2.91533	5	X
K12H30L	16.8	0.15	K14C9	9.410	339.166	72.771	9.766	0.04113	2.80522	7	X
K12H34T	16.4	0.15	K14C9	292.834	82.516	46.242	15.509	0.06668	2.63751	4	X
K12H35C	16.1	0.15	K14C9	120.353	195.140	74.423	10.129	0.02470	3.02797	6	X
K12H38O	16.7	0.15	K14C9	265.989	309.532	207.026	25.779	0.28017	2.57816	3	X
K12H39J	15.7	0.15	K14C9	169.496	18.128	218.339	21.013	0.23920	3.06425	5	X
K12H43X	15.3	0.15	K14C9	101.682	249.132	40.583	11.765	0.07251	3.16395	6	X
K12H44Q	16.8	0.15	K14C9	269.822	117.129	35.778	2.875	0.07295	2.64690	7	X
K12H45N	15.7	0.15	K14C9	71.521	262.760	61.348	9.267	0.07981	3.16768	4	X
K12H49V	15.8	0.15	K14C9	119.465	230.361	50.075	11.410	0.13903	3.14064	4	X
K12H49W	15.8	0.15	K14C9	132.914	206.071	74.601	11.915	0.06817	3.01605	4	X
K12H50H	16.5	0.15	K14C9	120.897	63.468	227.543	9.404	0.08687	3.00734	7	X
K12H50N	15.9	0.15	K14C9	305.404	249.913	197.889	10.529	0.00195	3.08210	6	X
K12H54T	16.3	0.15	K14C9	270.852	99.160	53.228	12.432	0.09348	2.77756	5	X
K12H57W	15.8	0.15	K14C9	101.901	268.286	40.513	10.174	0.05937	3.01903	9	X
K12H59K	17.0	0.15	K14C9	255.914	98.844	75.991	12.174	0.12586	2.68104	4	X
K12H61E	15.7	0.15	K14C9	134.351	229.608	41.793	11.187	0.06429	2.99439	5	X
K12H62T	16.5	0.15	K14C9	346.806	229.659	191.740	4.118	0.05557	2.81530	7	X

K12H65J	17.2	0.15	K14C9	274.590	87.313	68.550	2.585	0.14296	2.60660	6	X
K12H68K	15.8	0.15	K14C9	212.213	131.280	73.465	11.678	0.08032	2.87550	6	X
K12H75T	16.6	0.15	K14C9	302.895	14.539	91.241	5.983	0.08122	2.74789	7	X
K12H76F	16.8	0.15	K14C9	88.822	150.843	171.503	6.556	0.05835	2.86586	6	X
K12H79J	16.1	0.15	K14C9	129.754	224.092	54.763	18.287	0.13313	3.14422	3	X
K12H79L	15.8	0.15	K14C9	123.433	219.774	70.341	10.144	0.06276	3.11019	5	X
K12J08F	16.3	0.15	K14C9	78.249	281.242	52.888	17.498	0.07063	3.06395	5	X
K12J08K	16.7	0.15	K14C9	278.680	105.365	53.435	6.270	0.18972	2.56135	4	X
K12J10W	16.0	0.15	K14C9	61.669	268.750	78.013	11.955	0.12721	2.99052	4	X
K12J12V	15.4	0.15	K14C9	17.738	307.982	65.931	14.799	0.15580	3.12977	6	X
K12J13A	15.9	0.15	K14C9	200.217	129.499	62.627	13.101	0.12322	3.07309	4	X
K12J15F	16.1	0.15	K14C9	86.313	270.690	46.535	11.465	0.09119	3.17807	4	X
K12J22K	17.1	0.15	K14C9	244.763	72.392	104.815	5.466	0.22586	2.63236	7	X
K12J22M	16.9	0.15	K14C9	232.681	346.364	203.278	13.356	0.18868	2.67374	4	X
K12J29C	16.4	0.15	K14C9	241.427	116.405	46.580	16.652	0.01434	3.04406	3	X
K12J29F	16.3	0.15	K14C9	108.921	259.879	44.155	8.581	0.06400	3.06383	4	X
K12J33O	16.4	0.15	K14C9	290.148	223.519	257.537	4.822	0.07939	2.86270	5	X
K12J35C	16.8	0.15	K14C9	223.696	358.405	200.475	13.829	0.10887	2.72725	6	X
K12J38E	16.8	0.15	K14C9	293.631	13.359	126.077	3.236	0.14767	2.59284	7	X
K12J39D	16.3	0.15	K14C9	256.853	320.955	187.239	12.277	0.08881	2.90503	6	X
K12J41D	15.7	0.15	K14C9	75.956	260.733	63.325	14.463	0.14256	3.15411	5	X
K12J44V	16.0	0.15	K14C9	302.457	30.177	65.966	10.259	0.05650	3.16510	4	X
K12J47X	16.0	0.15	K14C9	66.744	266.228	59.977	11.686	0.09643	3.19251	4	X
K12J53B	16.3	0.15	K14C9	132.737	175.192	88.661	3.735	0.06846	3.17035	6	X
K12J55A	17.2	0.15	K14C9	273.499	101.521	44.242	14.189	0.14161	2.74829	4	X
K12J58C	16.5	0.15	K14C9	331.977	269.360	156.121	9.415	0.09495	2.94332	5	X
K12J61B	16.5	0.15	K14C9	151.771	118.161	141.012	2.743	0.02195	2.88333	8	X
K12J63B	16.5	0.15	K14C9	160.702	191.646	45.230	1.699	0.10875	3.09222	7	X
K12K20Q	16.4	0.15	K14C9	266.056	75.925	67.287	9.629	0.04054	2.89559	4	X
K12K22G	16.8	0.15	K14C9	267.930	293.496	206.871	14.541	0.09424	2.84133	4	X
K12K22Y	17.0	0.15	K14C9	263.675	79.471	82.361	5.598	0.21628	2.59845	4	X
K12K23F	16.8	0.15	K14C9	233.819	91.632	72.150	9.397	0.11308	2.89874	5	X
K12K23J	16.3	0.15	K14C9	184.183	24.182	195.771	16.875	0.15420	3.12610	5	X
K12K23W	16.4	0.15	K14C9	201.150	3.200	198.724	1.366	0.09542	3.08828	6	X
K12K24Z	17.1	0.15	K14C9	165.886	180.097	52.375	5.443	0.13438	3.02957	5	X
K12K26A	17.5	0.15	K14C9	295.072	311.053	180.748	2.335	0.09419	2.65544	5	X
K12K28D	16.6	0.15	K14C9	251.010	321.297	221.092	13.287	0.14254	2.72146	4	X
K12K28O	16.2	0.15	K14C9	343.756	329.013	82.094	10.381	0.04352	3.12862	5	X
K12K28W	16.1	0.15	K14C9	62.508	246.867	79.081	10.056	0.02277	3.20956	5	X
K12K30K	16.4	0.15	K14C9	89.518	141.125	189.981	10.424	0.06217	3.10208	5	X
K12K31O	16.0	0.15	K14C9	46.778	156.109	204.835	10.201	0.10214	3.03374	2	X
K12K35B	16.5	0.15	K14C9	114.858	155.659	134.031	7.606	0.10353	3.04622	6	X
K12K35G	15.5	0.15	K14C9	191.885	342.154	207.641	11.636	0.08158	3.12393	5	X
K12K36J	16.1	0.15	K14C9	326.338	232.978	190.461	9.045	0.07082	3.14471	7	X
K12K40B	16.6	0.15	K14C9	283.726	271.945	224.464	12.081	0.16754	2.79756	3	X
K12L26A	15.6	0.15	K14C9	255.729	320.706	215.576	12.116	0.17970	2.71915	5	X
K12M09A	15.6	0.15	K14C9	147.271	190.313	125.659	23.124	0.09991	3.03831	4	X
K12T00T	18.0	0.15	K14C9	80.241	247.725	343.459	37.426	0.45002	1.71518	2	X
K12T78S	18.5	0.15	K14C9	183.955	196.680	8.304	32.676	0.38139	1.60805	2	X
K12TC4J	12.7	0.15	K14C9	145.688	173.784	104.039	15.573	0.08132	5.24155	8	X
K13E00L	17.4	0.15	K14C9	190.112	264.218	317.302	20.229	0.01153	1.87489	5	X
K13E23H	16.5	0.15	K14C9	79.913	335.050	317.867	7.384	0.21396	2.55131	9	X
K13E23K	18.1	0.15	K14C9	8.687	23.914	6.971	19.373	0.10284	1.94020	4	X
K13E91S	16.4	0.15	K14C9	108.484	258.058	324.610	8.983	0.08612	2.60142	6	X
K13E94C	15.7	0.15	K14C9	60.909	279.499	331.492	16.337	0.24411	3.10293	5	X
K13E97Y	18.0	0.15	K14C9	86.019	268.812	10.828	2.427	0.18497	2.41060	4	X
K13E99A	17.4	0.15	K14C9	88.201	292.567	8.116	5.980	0.13047	2.16103	6	X
K13EB5A	18.0	0.15	K14C9	129.919	106.449	148.147	7.065	0.15179	2.26665	4	X
K13EC1D	17.4	0.15	K14C9	135.422	241.639	356.745	3.537	0.16096	2.34886	5	X
K13EC3P	17.8	0.15	K14C9	105.480	244.806	41.833	6.071	0.25063	2.32277	4	X
K13F01J	16.8	0.15	K14C9	82.890	265.481	7.607	8.944	0.24538	2.77747	3	X
K13F04T	17.8	0.15	K14C9	78.365	270.863	24.246	2.543	0.19293	2.42221	4	X
K13F09O	17.1	0.15	K14C9	64.744	279.438	7.990	12.798	0.21858	2.66572	3	X
K13F10C	18.0	0.15	K14C9	78.512	281.650	14.700	2.956	0.12187	2.29403	3	X
K13F16D	18.1	0.15	K14C9	92.384	258.314	44.055	5.350	0.18087	2.21486	4	X
K13F16K	17.9	0.15	K14C9	119.353	247.539	19.334	6.977	0.15715	2.27485	4	X
K13F17T	18.1	0.15	K14C9	158.906	279.088	306.533	0.584	0.12152	2.20335	9	X
K13F22X	17.7	0.15	K14C9	89.407	288.880	16.574	6.762	0.16834	2.19265	4	X
K13F23N	17.8	0.15	K14C9	118.192	238.446	28.532	2.735	0.19091	2.32778	6	X
K13G01S	18.0	0.15	K14C9	132.427	307.768	316.456	2.705	0.16033	2.18367	5	X
K13G03X	18.0	0.15	K14C9	105.213	157.648	118.010	0.438	0.19772	2.31514	9	X
K13G07X	18.8	0.15	K14C9	249.482	320.577	220.364	24.682	0.15442	1.84665	4	X
K13G21L	18.0	0.15	K14C9	160.304	318.629	264.642	2.277	0.11725	2.25645	5	X
K13G22P	18.0	0.15	K14C9	93.011	269.116	25.372	5.458	0.16729	2.32448	4	X
K13G25R	17.8	0.15	K14C9	150.146	239.198	345.634	7.102	0.16654	2.30913	4	X
K13G28X	17.1	0.15	K14C9	67.620	355.200	294.338	0.959	0.23244	2.71243	3	X
K13G39W	16.6	0.15	K14C9	153.563	40.213	141.694	6.991	0.05287	2.78127	7	X
K13G42G	17.0	0.15	K14C9	107.510	238.815	25.413	31.316	0.29131	2.59924	2	X
K13G44L	17.5	0.15	K14C9	84.203	155.265	156.001	4.284	0.15555	2.27605	6	X
K13G46N	18.3	0.15	K14C9	116.883	245.003	28.008	3.488	0.15782	2.17988	5	X
K13G53Y	17.7	0.15	K14C9	127.087	202.299	60.754	5.994	0.14301	2.31334	5	X
K13G63W	17.4	0.15	K14C9	125.128	24.527	250.977	3.619	0.16084	2.25314	7	X
K13G69C	17.7	0.15	K14C9	45.026	321.970	50.709	23.153	0.05907	1.98568	2	X
K13G69N	18.6	0.15	K14C9	341.283	218.192	226.248	19.028	0.09324	1.91128	3	X
K13G70B	17.0	0.15	K14C9	121.554	337.343	271.671	2.936	0.15115	2.42043	6	X
K13G72H	16.5	0.15	K14C9	92.655	249.129	27.081	17.608	0.20866	2.66054	4	X
K13G78T	16.4	0.15	K14C9	51.714	118.152	216.974	12.124	0.28560	2.60583	5	X
K13G78Z	17.5	0.15	K14C9	121.040	244.963	36.966	22.823	0.15252	2.29410	6	X
K13G79D	18.4	0.15	K14C9	169.211	195.050	31.189	1.061	0.05785	2.14981	4	X
K13G83J	16.4	0.15	K14C9	62.471	256.677	61.332	9.265	0.20969	2.70312	9	X
K13G88V	16.8	0.15	K14C9	113.137	195.361	65.565	14.891	0.21750	2.62743	5	X
K13G92T	17.3	0.15	K14C9	153.601	154.012	101.654	4.311	0.09323	2.14310	9	X
K13G92Z	17.0	0.15	K14C9	154.090	221.371	4.477	10.338	0.08760	2.31805	7	X
K13G93X	18.1	0.15	K14C9	164.061	31.410	187.729	5.031	0.09915	2.23862	4	X
K13G95O	17.1	0.15	K14C9	103.657	203.783	84.519	3.706	0.18919	2.38201	8	X
K13G99J	17.7	0.15	K14C9	271.687	306.434	207.100	21.172	0.07098	1.93002	5	X
K13GA4B	17.4	0.15	K14C9	350.104	176.988	202.693	6.575	0.10849	2.31717	8	X

K13GA4T	17.3	0.15	K14C9	96.728	259.668	31.980	7.125	0.16148	2.35683	5	X
K13GA5U	16.2	0.15	K14C9	59.268	280.182	16.871	15.926	0.35594	3.05114	3	X
K13GA7Y	17.3	0.15	K14C9	124.838	214.100	49.928	12.126	0.22284	2.43748	3	X
K13GA8K	17.4	0.15	K14C9	137.785	241.723	6.751	8.155	0.12783	2.25002	5	X
K13GA8Z	17.0	0.15	K14C9	93.347	280.943	349.380	4.259	0.20159	2.64558	6	X
K13GB4F	17.2	0.15	K14C9	116.463	57.676	210.603	5.381	0.19801	2.53838	5	X
K13GB5A	16.2	0.15	K14C9	60.766	117.884	190.084	16.046	0.23497	3.12600	6	X
K13GC3L	17.7	0.15	K14C9	71.808	251.081	78.115	7.462	0.14456	2.27158	4	X
K13GC7E	18.0	0.15	K14C9	145.425	93.180	161.063	2.974	0.13432	2.25107	5	X
K13GC9J	18.9	0.15	K14C9	275.773	108.308	33.597	21.899	0.06759	1.88368	2	X
K13GD0F	17.3	0.15	K14C9	117.375	151.920	131.643	5.594	0.17461	2.26079	7	X
K13GD0G	17.2	0.15	K14C9	122.132	182.931	85.596	5.652	0.11010	2.29436	7	X
K13GD0J	17.4	0.15	K14C9	122.072	93.555	173.349	6.947	0.10181	2.31632	7	X
K13GD0P	17.3	0.15	K14C9	137.380	12.517	257.751	6.078	0.12128	2.18504	5	X
K13GD0Q	17.6	0.15	K14C9	160.847	207.502	13.279	5.754	0.16458	2.33306	5	X
K13GD0S	18.0	0.15	K14C9	134.336	247.700	6.665	2.087	0.20030	2.33377	7	X
K13GD0U	16.5	0.15	K14C9	99.086	60.501	217.935	12.643	0.16571	2.61186	7	X
K13GD3J	18.1	0.15	K14C9	297.538	93.188	8.370	20.478	0.10560	1.98319	4	X
K13GD4V	17.5	0.15	K14C9	110.379	150.271	127.915	7.700	0.08980	2.40305	5	X
K13GD6A	17.6	0.15	K14C9	135.130	51.429	206.117	6.023	0.10353	2.38134	9	X
K13H00F	17.9	0.15	K14C9	4.290	10.453	48.374	22.989	0.08677	1.96217	5	X
K13H05X	16.8	0.15	K14C9	114.729	182.991	115.232	7.535	0.16359	2.28714	10	X
K13H06B	17.2	0.15	K14C9	116.497	150.909	112.089	6.264	0.17467	2.56537	6	X
K13H06X	16.3	0.15	K14C9	39.070	127.785	192.998	16.193	0.19354	3.09634	5	X
K13H07X	17.3	0.15	K14C9	68.640	293.157	57.969	22.675	0.07261	1.98821	5	X
K13H13C	17.3	0.15	K14C9	66.165	211.435	104.632	7.359	0.12689	2.40126	6	X
K13H14C	17.5	0.15	K14C9	83.657	131.421	180.496	2.208	0.22263	2.38069	4	X
K13H14S	17.2	0.15	K14C9	86.462	246.765	42.946	9.299	0.15298	2.57704	5	X
K13H16D	18.4	0.15	K14C9	259.085	310.607	205.179	21.397	0.04532	1.97844	4	X
K13H24A	17.1	0.15	K14C9	152.224	18.961	225.286	22.815	0.18983	2.29830	5	X
K13H25E	17.7	0.15	K14C9	95.608	293.680	15.402	3.610	0.22420	2.33599	5	X
K13H55N	17.3	0.15	K14C9	47.785	294.692	13.062	14.506	0.29485	2.93590	4	X
K13H57X	18.2	0.15	K14C9	105.704	319.111	330.027	3.836	0.22826	2.34804	4	X
K13H63J	17.8	0.15	K14C9	95.369	65.713	223.652	5.425	0.13794	2.35779	5	X
K13H65P	19.4	0.15	K14C9	58.051	85.907	253.702	3.532	0.15181	2.23137	2	X
K13H66S	16.4	0.15	K14C9	10.850	36.103	284.307	4.027	0.17730	3.12802	5	X
K13H73A	18.1	0.15	K14C9	84.497	91.810	230.358	5.513	0.12234	2.16274	3	X
K13H75P	18.1	0.15	K14C9	57.980	330.945	355.434	2.779	0.19143	2.43214	3	X
K13H76T	18.5	0.15	K14C9	50.052	309.382	12.364	8.971	0.17222	2.57051	3	X
K13H77P	18.0	0.15	K14C9	63.356	320.906	12.860	5.593	0.20320	2.31092	5	X
K13H82L	18.2	0.15	K14C9	35.760	336.832	21.223	11.511	0.22780	2.31532	3	X
K13H87H	18.5	0.15	K14C9	110.745	245.879	20.220	3.249	0.09844	2.35234	3	X
K13H94Z	17.7	0.15	K14C9	42.725	339.723	19.392	5.513	0.19560	2.15737	7	X
K13HB3F	17.7	0.15	K14C9	62.553	280.325	21.953	3.608	0.25834	2.77997	2	X
K13HB4Z	18.6	0.15	K14C9	89.287	107.585	197.496	1.892	0.18271	2.33916	6	X
K13HB9V	17.8	0.15	K14C9	50.237	271.163	66.783	3.276	0.20467	2.39586	4	X
K13HC0J	18.0	0.15	K14C9	84.180	261.327	38.585	2.815	0.17597	2.43541	4	X
K13HC0T	18.2	0.15	K14C9	44.990	143.575	206.058	6.552	0.13873	2.25112	4	X
K13HC5R	17.3	0.15	K14C9	48.993	91.431	231.677	11.418	0.27282	2.66277	4	X
K13HC7Z	17.8	0.15	K14C9	102.619	0.830	291.444	3.686	0.19936	2.35210	4	X
K13J00O	18.2	0.15	K14C9	245.109	121.217	67.918	23.238	0.06486	1.85487	5	X
K13J00U	17.6	0.15	K14C9	140.724	155.682	104.825	6.274	0.16675	2.19891	6	X
K13J04L	16.8	0.15	K14C9	82.327	230.161	66.357	8.692	0.20365	2.78527	4	X
K13J09Q	17.7	0.15	K14C9	115.102	53.038	224.195	7.388	0.10099	2.33327	6	X
K13J11C	17.5	0.15	K14C9	53.812	213.700	128.885	2.791	0.14054	2.36244	8	X
K13J11M	15.7	0.15	K14C9	24.848	311.012	46.295	16.461	0.31126	2.69904	6	X
K13J13G	17.2	0.15	K14C9	144.907	174.741	91.707	6.462	0.15197	2.24895	3	X
K13J18N	16.6	0.15	K14C9	66.167	157.410	134.772	0.941	0.22382	3.05294	5	X
K13J20T	17.7	0.15	K14C9	100.986	163.627	119.547	7.673	0.12147	2.58603	5	X
K13J24U	17.4	0.15	K14C9	103.126	227.381	62.621	3.601	0.12124	2.37105	5	X
K13J32O	17.5	0.15	K14C9	72.354	137.351	185.248	9.359	0.09594	2.52850	3	X
K13J32U	16.7	0.15	K14C9	94.408	96.770	204.617	11.121	0.20241	2.62347	6	X
K13J36S	16.4	0.15	K14C9	58.947	135.230	206.787	15.166	0.19083	2.54999	5	X
K13J37E	17.6	0.15	K14C9	137.622	132.140	123.076	2.867	0.18252	2.39439	6	X
K13J41F	16.8	0.15	K14C9	49.247	133.100	209.210	14.508	0.18167	2.62397	3	X
K13J44R	17.7	0.15	K14C9	90.640	120.034	189.418	2.051	0.13786	2.40053	6	X
K13J46G	16.8	0.15	K14C9	78.620	107.969	206.236	13.418	0.11313	2.59143	6	X
K13J46M	16.5	0.15	K14C9	114.742	83.401	195.913	10.032	0.18659	2.54431	4	X
K13J46N	17.7	0.15	K14C9	71.322	118.483	202.435	11.191	0.14876	2.64411	3	X
K13J55K	16.7	0.15	K14C9	69.152	234.078	76.691	7.257	0.13774	2.67857	7	X
K13J58E	16.3	0.15	K14C9	51.874	247.402	66.163	14.026	0.26011	3.12408	4	X
K13J58N	17.3	0.15	K14C9	133.865	10.842	257.329	5.747	0.09847	2.28291	6	X
K13J63C	17.6	0.15	K14C9	126.117	245.560	29.913	5.884	0.16660	2.34552	6	X
K13K00S	16.9	0.15	K14C9	105.003	24.218	242.380	1.914	0.14574	2.62470	8	X
K13K01G	17.3	0.15	K14C9	159.634	137.963	101.332	4.455	0.20525	2.31603	5	X
K13K02D	17.2	0.15	K14C9	158.021	4.136	230.644	5.607	0.09911	2.32608	7	X
K13K02E	17.6	0.15	K14C9	126.467	52.207	227.993	5.129	0.15764	2.32166	5	X
K13K04D	17.8	0.15	K14C9	136.251	202.837	57.342	7.343	0.15866	2.29260	5	X
K13K05P	17.3	0.15	K14C9	133.126	185.706	88.713	6.366	0.15497	2.32528	3	X
K13K08S	17.7	0.15	K14C9	116.789	241.557	31.463	1.577	0.15865	2.38393	5	X
K13K09W	17.0	0.15	K14C9	113.474	43.001	239.836	8.945	0.10342	2.37991	6	X
K13K11X	17.0	0.15	K14C9	98.488	219.922	78.807	7.468	0.20554	2.56293	7	X
K13K17A	16.8	0.15	K14C9	48.378	93.879	244.933	8.236	0.13969	2.64003	5	X
K13L00Q	17.9	0.15	K14C9	175.841	345.178	240.383	2.604	0.17433	2.23594	6	X
K13L04V	16.9	0.15	K14C9	103.849	186.904	99.584	6.325	0.19470	2.56627	5	X
K13L11Y	17.4	0.15	K14C9	137.375	164.869	103.522	3.022	0.14235	2.31228	6	X
K13L12T	16.6	0.15	K14C9	70.856	175.780	130.453	5.952	0.23845	2.99954	4	X
K13L16T	17.0	0.15	K14C9	74.691	219.159	99.372	7.038	0.22220	2.70200	4	X
K13L17R	16.9	0.15	K14C9	109.500	208.815	74.540	8.602	0.18075	2.56321	6	X
K13L17Y	16.7	0.15	K14C9	64.347	153.572	183.531	5.311	0.18796	2.57016	7	X
K13L21U	17.2	0.15	K14C9	125.226	202.761	57.598	5.327	0.23338	2.57678	5	X
K13L22Y	17.2	0.15	K14C9	163.261	44.238	192.969	6.143	0.16590	2.31240	8	X
K13L24B	17.3	0.15	K14C9	62.628	107.786	219.593	13.302	0.05595	2.52026	6	X
K13L24S	17.2	0.15	K14C9	30.369	153.098	209.719	11.163	0.09018	2.59128	4	X
K13L27Z	17.3	0.15	K14C9	153.919	98.798	144.116	5.204	0.15715	2.35258	10	X
K13L32H	17.5	0.15	K14C9	121.202	77.902	189.711	8.485	0.13809	2.56849	4	X
K13L34W	16.5	0.15	K14C9	90.034	83.506	211.455	14.074	0.12391	2.62976	6	X

K13M03C	15.6	0.15	K14C9	40.564	226.402	129.914	5.956	0.21515	3.97389	3	X
K13M06H	16.7	0.15	K14C9	106.454	71.352	224.071	14.304	0.18283	2.56423	3	X
K13M09Z	15.7	0.15	K14C9	59.333	250.615	92.874	8.954	0.15654	3.12783	5	X
K13N00Z	16.5	0.15	K14C9	33.093	24.734	344.754	0.272	0.17854	3.06607	7	X
K13N02O	16.4	0.15	K14C9	79.091	198.489	128.358	5.722	0.11670	2.89411	7	X
K13N05O	16.2	0.15	K14C9	357.917	291.969	107.889	10.200	0.03515	2.99957	6	X
K13N06Z	15.1	0.15	K14C9	215.847	244.238	282.231	25.320	0.04539	3.15758	6	X
K13N13B	16.8	0.15	K14C9	32.830	22.702	347.180	5.803	0.03330	2.75525	7	X
K13N13G	16.6	0.15	K14C9	120.475	180.621	82.053	11.574	0.06204	3.00252	6	X
K13N16J	17.4	0.15	K14C9	268.875	275.735	250.574	15.161	0.07441	2.45700	7	X
K13N19P	15.7	0.15	K14C9	34.398	231.794	116.905	3.946	0.26334	3.97971	4	X
K13O08W	17.2	0.15	K14C9	174.251	29.678	212.084	5.047	0.09568	2.58568	8	X
K13P04F	15.7	0.15	K14C9	122.954	38.316	256.749	9.210	0.10813	3.13776	8	X
K13P04U	17.0	0.15	K14C9	22.472	265.660	123.207	2.460	0.07117	2.98336	5	X
K13P36G	15.8	0.15	K14C9	233.033	287.121	259.058	8.064	0.05230	3.00888	10	X
K13P58M	15.9	0.15	K14C9	28.375	178.712	200.788	10.188	0.07238	3.11933	6	X
K13P58X	16.0	0.15	K14C9	103.107	53.393	245.222	6.560	0.12300	3.06105	6	X
K13P62S	16.8	0.15	K14C9	281.097	313.687	200.286	6.464	0.10794	2.58579	5	X
K13Q07K	16.4	0.15	K14C9	291.559	285.245	210.762	8.525	0.05602	2.97332	6	X
K13Q18Q	16.8	0.15	K14C9	286.952	161.959	339.166	1.308	0.00670	2.87628	7	X
K13Q42W	15.4	0.15	K14C9	84.410	57.960	282.301	9.209	0.03237	3.07227	8	X
K13Q44Q	14.2	0.15	K14C9	85.256	31.207	268.182	2.494	0.04627	5.19676	3	X
K13Q77Z	16.5	0.15	K14C9	154.717	41.336	210.884	4.444	0.11718	3.13642	7	X
K13R13D	16.2	0.15	K14C9	337.156	254.425	187.589	7.722	0.02564	3.20691	6	X
K13R19G	15.5	0.15	K14C9	214.171	310.437	265.949	6.489	0.06142	3.08423	10	X
K13R53R	13.8	0.15	K14C9	353.146	198.249	225.120	8.841	0.06400	5.27339	3	X
K13R64G	14.4	0.15	K14C9	45.099	172.677	169.592	7.795	0.08050	5.23525	7	X
K13S38Z	16.3	0.15	K14C9	44.494	214.389	204.268	9.396	0.09785	3.14800	4	X
K13S45U	13.9	0.15	K14C9	54.037	207.835	136.746	5.269	0.08314	5.19596	3	X
K13S85V	13.4	0.15	K14C9	349.741	333.643	92.087	6.109	0.05597	5.17565	9	X
K13T00X	16.1	0.15	K14C9	345.046	58.890	63.342	5.783	0.08949	2.99548	6	X
K13T19P	14.2	0.15	K14C9	24.046	8.988	19.746	9.482	0.07600	5.15628	5	X
K13TA5L	13.9	0.15	K14C9	1.768	53.094	1.375	5.695	0.08880	5.23959	6	X
K13TB4R	15.9	0.15	K14C9	329.386	296.704	209.104	11.481	0.04360	3.01313	6	X
K13TC7G	15.3	0.15	K14C9	123.646	19.281	275.876	3.443	0.08597	3.50053	10	X
K14A28T	11.9	0.15	K14C9	333.492	279.697	262.489	165.554	0.40474	10.93380	4	X
K14KA0Z	17.5	0.15	K14C9	18.891	115.153	264.244	17.043	0.10065	1.93770	3	X
K14L09Z	16.6	0.15	K14C9	43.205	136.246	195.516	31.664	0.22126	2.64135	2	X
K14M04T	16.7	0.15	K14C9	10.369	150.274	197.764	17.344	0.25924	2.81910	4	X
K14M12U	16.9	0.15	K14C9	29.751	87.121	233.394	1.981	0.18245	2.89918	9	X
K14M16V	17.7	0.15	K14C9	29.221	89.044	245.609	0.998	0.21671	2.28688	6	X
K14N37E	17.8	0.15	K14C9	15.762	115.703	238.181	4.759	0.19285	2.26306	4	X
K14N37X	18.0	0.15	K14C9	54.117	36.857	258.398	0.758	0.18922	2.34846	4	X
K14N59S	18.4	0.15	K14C9	31.069	355.564	335.052	2.282	0.24597	2.25834	3	X
K14N59W	17.7	0.15	K14C9	15.129	31.459	321.688	6.266	0.14701	2.22919	6	X
K14N60G	17.8	0.15	K14C9	51.541	312.517	348.953	6.778	0.21680	2.24031	5	X
K14N63W	15.2	0.15	K14C9	32.904	69.372	267.388	24.942	0.27678	3.19248	3	X
K14N63X	16.0	0.15	K14C9	23.239	63.254	305.574	15.842	0.27237	2.57194	3	X
K14O04F	17.1	0.15	K14C9	20.344	132.156	214.798	10.077	0.24371	2.29398	5	X
K14O58Y	16.3	0.15	K14C9	356.894	20.035	324.694	12.158	0.09558	2.99909	5	X
K14O93E	17.6	0.15	K14C9	40.280	128.722	172.647	3.989	0.17299	2.29372	5	X
K14OB2J	16.2	0.15	K14C9	20.512	73.971	292.357	19.494	0.35657	3.17564	3	X
K14OI6T	17.1	0.15	K14C9	5.468	143.097	229.406	2.724	0.17777	2.90806	5	X
K14OI8P	16.4	0.15	K14C9	167.705	40.504	171.283	14.518	0.02379	2.53845	9	X
K14OI8X	18.1	0.15	K14C9	27.890	69.077	284.642	0.564	0.16714	2.38949	5	X
K14OI9W	17.6	0.15	K14C9	346.219	63.634	354.166	2.038	0.20958	2.38322	3	X
K14OJ0C	16.7	0.15	K14C9	51.579	350.683	324.475	3.919	0.15604	3.08300	6	X
K14OJ0F	17.0	0.15	K14C9	345.009	81.093	327.462	2.824	0.13529	2.62189	4	X
K14OJ0P	17.3	0.15	K14C9	30.665	9.772	332.656	1.040	0.26490	2.79881	4	X
K14OJ1C	17.6	0.15	K14C9	56.140	143.907	173.646	3.025	0.16536	2.43198	5	X
K14OJ1E	17.3	0.15	K14C9	356.935	34.594	359.377	6.414	0.14023	2.71092	3	X
K14OJ1Q	16.3	0.15	K14C9	15.822	323.056	39.767	1.546	0.15148	3.17898	4	X
K14OJ2A	17.0	0.15	K14C9	350.761	34.761	6.602	5.449	0.14552	2.76593	3	X
K14OJ2B	17.1	0.15	K14C9	58.917	268.426	39.903	2.597	0.21324	2.41835	9	X
K14OJ2D	17.3	0.15	K14C9	32.717	335.942	11.903	6.582	0.10979	2.60658	5	X
K14OJ2K	16.8	0.15	K14C9	32.663	322.279	10.484	7.322	0.29426	3.08475	5	X
K14OJ4J	16.7	0.15	K14C9	257.572	343.218	146.354	6.334	0.06215	2.43420	9	X
K14OJ4Q	18.5	0.15	K14C9	41.239	331.453	0.274	2.096	0.23436	2.33939	3	X
K14OJ5E	17.6	0.15	K14C9	66.525	290.773	358.037	5.752	0.23202	2.55175	5	X
K14OJ5J	17.0	0.15	K14C9	28.099	184.811	158.489	6.724	0.23998	2.60321	6	X
K14OJ5T	18.2	0.15	K14C9	27.621	347.279	2.181	2.375	0.18154	2.43494	2	X
K14OJ6S	16.6	0.15	K14C9	351.046	217.739	178.751	7.692	0.21920	3.04458	4	X
K14OM8P	17.3	0.15	K14C9	8.827	175.671	203.219	2.219	0.17402	2.43235	5	X
K14OM8Q	17.8	0.15	K14C9	344.466	239.821	172.000	5.967	0.19419	2.56554	3	X
K14OM8X	16.1	0.15	K14C9	351.546	212.060	182.075	9.556	0.16163	3.18972	3	X
K14OM9Y	18.3	0.15	K14C9	78.597	117.554	179.087	1.514	0.14968	2.15372	6	X
K14OM9Z	18.5	0.15	K14C9	42.114	179.854	156.882	5.150	0.24929	2.20772	4	X
K14ONOB	15.9	0.15	K14C9	52.415	326.238	358.592	12.681	0.06251	3.00553	3	X
K14ONOM	18.1	0.15	K14C9	19.185	353.809	15.005	4.478	0.11236	2.21285	5	X
K14ONLE	17.1	0.15	K14C9	29.278	184.377	159.032	2.237	0.13699	2.63328	7	X
K14OT3K	16.5	0.15	K14C9	336.119	245.252	175.350	13.698	0.27300	3.20482	3	X
K14OT3L	17.9	0.15	K14C9	17.921	169.302	196.521	3.126	0.16722	2.28926	5	X
K14OT5N	17.6	0.15	K14C9	57.510	308.723	356.557	2.154	0.20982	2.42019	4	X
K14OT6O	16.7	0.15	K14C9	11.486	239.217	127.510	2.268	0.18550	3.11390	2	X
K14OT6P	17.2	0.15	K14C9	21.907	302.042	49.512	2.671	0.20368	3.01483	2	X
K14OT7M	17.6	0.15	K14C9	15.446	1.647	12.114	6.710	0.17727	2.39607	2	X
K14OT7S	16.7	0.15	K14C9	323.802	64.933	9.251	11.428	0.14990	2.81533	3	X
K14OT8B	17.7	0.15	K14C9	24.995	178.844	182.566	3.461	0.14277	2.40888	2	X
K14OT8D	16.9	0.15	K14C9	29.624	8.833	341.929	1.294	0.08396	2.85677	5	X
K14OT9S	16.6	0.15	K14C9	21.651	12.042	345.141	0.342	0.18290	3.15876	5	X
K14Ob5B	15.5	0.15	K14C9	119.103	250.879	322.920	11.620	0.05911	2.83251	8	X
K14Oc4D	17.9	0.15	K14C9	11.758	33.636	326.875	16.964	0.08715	1.95467	3	X
K14P27V	18.4	0.15	K14C9	32.431	337.332	352.497	4.732	0.17562	2.26674	3	X
K14P50O	16.8	0.15	K14C9	54.246	283.860	336.919	11.075	0.28918	2.57396	2	X
K14P50X	18.9	0.15	K14C9	32.074	357.712	328.711	1.684	0.23384	2.39139	2	X
K14P57U	16.2	0.15	K14C9	57.747	52.384	262.620	28.208	0.26608	2.56073	2	X
K14Q18E	16.7	0.15	K14C9	10.192	25.636	336.771	4.754	0.13992	3.09963	5	X

K14Q33C	18.6	0.15	K14C9	29.016	296.107	61.689	5.672	0.34327	2.19459	2	X
K14Q50A	16.7	0.15	K14C9	0.156	186.410	158.142	11.749	0.06368	2.62887	5	X
K14QF2V	18.5	0.15	K14C9	27.064	174.248	173.053	6.135	0.28482	2.28139	2	X
K14QJ0Z	17.3	0.15	K14C9	27.486	160.246	176.751	4.119	0.22320	2.28207	9	X
K14QJ3T	16.6	0.15	K14C9	53.953	122.422	174.438	9.080	0.10015	2.72124	4	X
K14QJ8Q	15.8	0.15	K14C9	340.934	216.328	171.735	13.409	0.16936	3.07353	4	X
K14QK1W	17.1	0.15	K14C9	55.712	130.549	171.885	10.829	0.03831	2.64698	5	X
K14QK3A	16.7	0.15	K14C9	18.398	167.334	170.255	5.784	0.13272	2.89701	6	X
K14QK3F	16.6	0.15	K14C9	76.375	328.183	296.181	2.486	0.13550	2.95460	5	X
K14QK4S	18.0	0.15	K14C9	326.704	213.141	207.089	2.076	0.20236	2.31432	3	X
K14QK7O	17.1	0.15	K14C9	333.171	234.024	172.089	8.734	0.17979	2.64906	3	X
K14QMOX	18.5	0.15	K14C9	40.197	146.673	170.469	4.970	0.20950	2.28923	4	X
K14QQ7J	18.6	0.15	K14C9	18.493	297.211	81.164	4.122	0.23527	2.31197	2	X
K14QQ7L	17.9	0.15	K14C9	24.399	237.927	129.986	6.209	0.24775	2.34149	2	X
K14QQ7Y	17.5	0.15	K14C9	18.249	278.998	95.541	3.360	0.21905	2.41295	2	X
K14QQ8A	16.6	0.15	K14C9	2.476	20.946	15.731	11.981	0.18030	2.67544	2	X
K14QQ8B	16.8	0.15	K14C9	11.121	211.205	173.577	13.516	0.13840	2.62127	2	X
K14QQ8D	17.8	0.15	K14C9	50.969	183.789	145.650	7.253	0.19926	2.28451	4	X
K14QQ8E	17.2	0.15	K14C9	26.295	235.018	126.058	3.186	0.21800	2.67580	3	X
K14QR0B	17.8	0.15	K14C9	28.744	319.036	36.875	12.038	0.21710	2.61279	2	X
K14QR5M	17.3	0.15	K14C9	1.463	20.629	10.430	8.833	0.27497	2.99094	2	X
K14QR5Q	17.1	0.15	K14C9	43.491	307.266	27.088	4.317	0.10766	2.80568	3	X
K14QU0Y	17.0	0.15	K14C9	31.316	319.106	7.770	16.640	0.27637	3.14505	2	X
K14QU1D	17.0	0.15	K14C9	31.924	279.041	61.041	3.559	0.11602	2.79604	3	X
K14QU7H	15.4	0.15	K14C9	307.619	57.338	18.371	8.958	0.09636	3.24642	6	X
K14QU7R	18.0	0.15	K14C9	55.901	301.008	14.232	1.824	0.16730	2.38910	4	X
K14QU7T	17.8	0.15	K14C9	32.797	337.948	9.037	4.845	0.12921	2.47548	2	X
K14QU7W	16.4	0.15	K14C9	111.336	245.263	12.346	8.999	0.11169	2.80529	4	X
K14QU8D	16.0	0.15	K14C9	272.102	320.063	153.513	3.229	0.05932	2.90475	6	X
K14QU8M	18.1	0.15	K14C9	56.114	310.679	7.274	7.600	0.16846	2.24948	2	X
K14QU8N	16.3	0.15	K14C9	59.561	294.963	10.071	18.751	0.15967	3.12871	4	X
K14QU9R	16.8	0.15	K14C9	66.208	322.385	343.001	2.514	0.07421	2.66090	7	X
K14QVOZ	17.0	0.15	K14C9	103.207	76.552	175.572	5.729	0.21133	2.32656	7	X
K14QW1K	15.7	0.15	K14C9	336.315	219.907	187.442	11.127	0.02029	3.13765	7	X
K14QW1X	16.0	0.15	K14C9	133.693	231.789	4.526	11.250	0.15181	2.58043	9	X
K14QW2E	18.0	0.15	K14C9	325.525	68.892	12.464	5.194	0.19255	2.38386	2	X
K14QW2F	16.9	0.15	K14C9	38.473	312.999	24.583	3.186	0.10464	3.01088	3	X
K14QW2H	16.5	0.15	K14C9	37.361	333.547	4.606	8.871	0.11808	3.04743	2	X
K14QW2P	16.1	0.15	K14C9	324.850	69.278	8.183	9.313	0.20920	3.15182	2	X
K14QW2T	17.2	0.15	K14C9	355.034	28.527	6.227	9.151	0.12660	2.74905	2	X
K14QW3C	16.6	0.15	K14C9	95.083	271.192	6.174	12.306	0.09077	3.01375	3	X
K14QW3D	16.9	0.15	K14C9	102.765	184.673	86.727	1.473	0.09561	2.63013	4	X
K14QW3L	17.8	0.15	K14C9	29.613	337.802	5.059	10.911	0.22327	3.11026	3	X
K14QW3U	17.0	0.15	K14C9	78.609	276.081	15.373	10.560	0.12063	2.69656	3	X
K14QW4D	18.2	0.15	K14C9	29.859	327.737	19.444	7.675	0.23256	2.57205	2	X
K14QW4G	16.1	0.15	K14C9	80.659	264.730	12.683	15.815	0.20820	3.08243	5	X
K14QW4N	17.0	0.15	K14C9	334.241	47.573	13.981	11.122	0.07073	2.25287	3	X
K14QW4O	17.3	0.15	K14C9	34.536	332.536	10.591	11.865	0.18557	2.63474	2	X
K14QW5F	16.1	0.15	K14C9	43.700	306.892	17.101	4.339	0.20367	3.12700	9	X
K14QW6E	18.2	0.15	K14C9	22.540	212.021	154.624	4.971	0.20619	2.38320	4	X
K14QW7S	17.4	0.15	K14C9	64.835	145.729	168.231	6.417	0.14090	2.43003	6	X
K14QW8N	17.2	0.15	K14C9	31.407	174.994	172.760	11.038	0.21226	3.13057	2	X
K14QW8P	17.0	0.15	K14C9	28.764	317.877	41.011	4.017	0.20719	2.45949	9	X
K14QW9C	16.9	0.15	K14C9	22.131	254.899	113.204	6.149	0.15410	2.75033	2	X
K14QW9L	16.8	0.15	K14C9	350.013	307.706	101.352	6.972	0.11028	2.68926	3	X
K14QW9M	16.1	0.15	K14C9	176.604	88.517	126.323	8.601	0.02101	2.90578	2	X
K14QW9W	15.9	0.15	K14C9	327.199	304.403	124.509	9.392	0.05272	3.17852	2	X
K14QX0X	18.1	0.15	K14C9	15.078	251.611	130.510	4.620	0.12820	2.30612	2	X
K14QX4Z	17.2	0.15	K14C9	43.169	215.805	119.631	6.210	0.17446	2.77352	4	X
K14QX5C	17.0	0.15	K14C9	31.281	195.418	156.027	10.552	0.21560	2.59026	2	X
K14QX5M	18.1	0.15	K14C9	56.108	191.883	128.647	3.307	0.21845	2.32750	3	X
K14QX5S	17.8	0.15	K14C9	22.756	344.304	19.528	17.601	0.27440	2.65272	2	X
K14QX6K	17.2	0.15	K14C9	25.500	9.994	354.627	13.655	0.24970	2.68673	2	X
K14QX6R	17.7	0.15	K14C9	29.670	300.561	43.399	3.188	0.21024	2.43197	3	X
K14QY8N	15.8	0.15	K14C9	149.168	225.072	350.814	9.603	0.07771	3.03019	5	X
K14QY8W	15.6	0.15	K14C9	315.669	74.370	349.220	9.659	0.08170	3.17767	2	X
K14QY9C	16.3	0.15	K14C9	53.599	307.219	352.758	14.355	0.20485	3.04208	2	X
K14QY9L	16.3	0.15	K14C9	345.353	229.240	165.154	10.724	0.10509	3.02303	2	X
K14QY9T	16.7	0.15	K14C9	18.866	187.611	164.851	5.126	0.14568	3.14928	3	X
K14QZ1D	18.3	0.15	K14C9	21.341	339.725	13.985	5.627	0.29965	2.64239	2	X
K14QZ1P	16.9	0.15	K14C9	13.081	239.284	126.235	5.214	0.11555	2.81584	5	X
K14QZ4L	17.0	0.15	K14C9	5.952	10.361	0.882	1.682	0.07977	2.88868	5	X
K14QZ4Q	18.5	0.15	K14C9	9.960	208.243	166.875	7.356	0.27314	2.63293	2	X
K14QZ5J	16.3	0.15	K14C9	34.353	163.992	175.230	10.166	0.07127	3.04548	4	X
K14QZ5N	16.1	0.15	K14C9	162.108	55.267	159.299	2.742	0.01517	2.99811	9	X
K14QZ5V	16.3	0.15	K14C9	356.937	281.864	101.246	2.389	0.15701	3.22763	4	X
K14QZ6Z	16.7	0.15	K14C9	50.854	317.176	8.958	9.376	0.01918	3.04487	2	X
K14QZ7W	18.1	0.15	K14C9	45.022	356.002	331.098	0.949	0.20171	2.40245	4	X
K14QZ8B	18.0	0.15	K14C9	67.960	296.792	359.238	5.370	0.20807	2.40090	2	X
K14QZ8M	17.0	0.15	K14C9	338.674	210.554	194.917	5.581	0.01656	2.76979	6	X
K14QZ8N	16.6	0.15	K14C9	314.416	111.953	322.067	1.026	0.06076	2.87329	4	X
K14QZ8Q	17.2	0.15	K14C9	8.251	127.061	248.616	1.034	0.08201	2.85513	4	X
K14QZ8R	17.0	0.15	K14C9	354.433	37.042	356.414	10.034	0.07578	2.67809	2	X
K14QZ8S	16.1	0.15	K14C9	336.832	50.413	359.062	9.142	0.06260	3.12891	2	X
K14QZ8W	18.3	0.15	K14C9	359.708	79.397	316.299	1.498	0.16336	2.22834	6	X
K14QZ8X	16.3	0.15	K14C9	48.951	22.574	302.312	1.696	0.07641	3.05869	8	X
K14QZ8Y	17.9	0.15	K14C9	24.763	15.651	340.286	3.968	0.23983	2.43557	3	X
K14QZ9A	17.4	0.15	K14C9	8.347	179.613	198.322	4.139	0.08251	2.45742	7	X
K14QZ9E	17.5	0.15	K14C9	7.911	163.375	217.688	1.560	0.11613	2.36168	3	X
K14QZ9F	19.0	0.15	K14C9	47.564	134.296	186.674	2.315	0.25294	2.29547	2	X
K14QZ9T	18.0	0.15	K14C9	10.569	150.272	223.512	1.594	0.13911	2.60334	2	X
K14QZ9V	18.9	0.15	K14C9	49.518	97.353	222.669	0.457	0.22972	2.24394	2	X
K14Qa0R	16.3	0.15	K14C9	41.483	156.785	171.181	10.057	0.09470	3.01989	3	X
K14Qa1P	16.8	0.15	K14C9	156.095	214.881	6.130	12.605	0.11773	2.57280	2	X
K14Qa6O	17.4	0.15	K14C9	22.392	201.995	164.323	8.546	0.23113	2.78055	2	X
K14Qa7J	16.2	0.15	K14C9	40.767	180.690	166.630	12.499	0.13507	2.98894	6	X
K14Qa7K	17.6	0.15	K14C9	49.806	182.493	146.630	8.839	0.21663	2.63746	2	X

K14Qa7M	15.9	0.15	K14C9	331.929	253.307	177.856	22.456	0.08096	3.08205	7	X
K14Qa7O	17.5	0.15	K14C9	328.870	328.298	113.877	6.885	0.12951	2.45960	3	X
K14Qa7Q	17.1	0.15	K14C9	22.703	269.626	105.764	7.194	0.10331	2.41009	2	X
K14Qa9D	17.0	0.15	K14C9	50.614	347.554	337.748	4.202	0.10499	2.74251	5	X
K14Qb2U	18.5	0.15	K14C9	28.320	297.050	45.619	5.614	0.25822	2.57776	2	X
K14Qb6R	15.7	0.15	K14C9	346.653	209.710	184.466	17.481	0.14413	3.25044	4	X
K14Qb7K	17.1	0.15	K14C9	50.465	120.204	185.476	12.856	0.26854	2.61509	4	X
K14Qb8D	17.1	0.15	K14C9	277.943	266.373	207.138	3.247	0.10027	2.47492	7	X
K14Qb8V	16.9	0.15	K14C9	350.292	217.650	182.148	11.535	0.17333	2.69284	5	X
K14Qb8Y	15.2	0.15	K14C9	248.736	309.174	185.864	12.624	0.08559	3.17774	7	X
K14Qb9J	17.5	0.15	K14C9	15.628	72.955	296.572	1.910	0.04696	2.59506	6	X
K14Qb9L	16.7	0.15	K14C9	117.366	62.742	194.096	10.072	0.07712	2.61929	6	X
K14Qb9M	16.5	0.15	K14C9	3.349	55.899	323.618	4.187	0.14657	3.15352	6	X
K14Qb9N	16.7	0.15	K14C9	343.136	49.164	355.524	11.121	0.13315	3.17096	4	X
K14Qb9P	18.1	0.15	K14C9	37.666	126.588	200.664	4.206	0.30177	2.61405	3	X
K14Qc0B	18.2	0.15	K14C9	50.639	127.098	188.367	6.152	0.21652	2.41558	2	X
K14Qc0V	15.7	0.15	K14C9	258.393	285.753	196.596	10.605	0.02070	3.07238	11	X
K14Qc1Q	17.8	0.15	K14C9	354.362	226.550	174.640	3.188	0.19983	2.43582	5	X
K14Qc4T	17.0	0.15	K14C9	11.570	216.407	147.389	3.969	0.10555	2.76976	7	X
K14Qc5E	16.0	0.15	K14C9	324.353	51.795	9.467	4.513	0.10648	3.13215	6	X
K14Qc5P	18.1	0.15	K14C9	23.913	65.226	294.856	1.540	0.21395	2.27586	2	X
K14Qc7T	16.2	0.15	K14C9	62.324	294.511	4.513	10.308	0.10550	2.79896	2	X
K14Qc7Y	15.9	0.15	K14C9	88.087	279.798	338.193	8.773	0.06982	3.10253	4	X
K14Qc9F	17.9	0.15	K14C9	3.282	115.292	255.404	1.019	0.19671	2.43888	2	X
K14Qd3B	16.5	0.15	K14C9	3.642	348.573	22.449	4.816	0.16903	3.19583	3	X
K14Qd3R	17.9	0.15	K14C9	54.365	296.089	13.738	6.432	0.22536	2.34533	5	X
K14Qd6S	17.8	0.15	K14C9	303.270	153.046	307.574	0.489	0.15719	2.46450	3	X
K14Qd6T	16.3	0.15	K14C9	325.112	236.378	187.951	12.078	0.08928	3.21712	2	X
K14Qd6U	16.7	0.15	K14C9	10.613	198.709	172.438	0.385	0.13557	3.18756	3	X
K14Qd7E	17.2	0.15	K14C9	98.788	297.190	329.641	1.901	0.14632	2.74876	5	X
K14Qd7F	17.0	0.15	K14C9	55.050	58.801	264.527	1.323	0.04664	2.85038	5	X
K14Qd7Q	17.5	0.15	K14C9	20.166	170.648	188.781	1.713	0.07723	2.85645	4	X
K14Qd8M	16.7	0.15	K14C9	345.980	218.935	181.187	4.864	0.11460	3.24687	2	X
K14Qd8N	16.0	0.15	K14C9	6.685	185.433	187.423	14.601	0.21197	3.21219	3	X
K14Qd8Q	17.8	0.15	K14C9	28.932	334.509	13.790	4.722	0.19460	2.70727	2	X
K14Qd8S	16.9	0.15	K14C9	31.443	176.997	172.766	10.329	0.23294	2.72889	4	X
K14Qe0J	18.3	0.15	K14C9	12.619	347.835	29.403	2.503	0.21702	2.28162	3	X
K14Qe3G	15.7	0.15	K14C9	285.310	270.899	196.761	12.677	0.08363	3.13617	5	X
K14Qe3H	17.3	0.15	K14C9	37.984	160.369	178.979	13.937	0.26912	2.61908	3	X
K14Qe6U	16.1	0.15	K14C9	44.506	324.412	349.923	22.866	0.13762	3.18469	5	X
K14Qe7Y	19.0	0.15	K14C9	44.334	34.956	290.819	0.994	0.26932	2.21873	2	X
K14Qe8R	16.8	0.15	K14C9	84.588	268.863	359.411	11.771	0.25846	2.69108	4	X
K14Qe8T	16.5	0.15	K14C9	253.023	124.552	11.904	6.101	0.06663	2.80699	4	X
K14Qf0T	18.0	0.15	K14C9	27.425	1.856	336.286	3.358	0.14953	2.28513	6	X
K14Qf1T	18.1	0.15	K14C9	359.964	2.013	8.294	2.493	0.21079	2.73325	3	X
K14Qf3S	17.6	0.15	K14C9	83.033	275.631	348.160	8.288	0.19007	2.27123	6	X
K14Qf4F	16.5	0.15	K14C9	18.531	349.580	351.140	8.755	0.11995	2.72589	5	X
K14Qf4P	17.5	0.15	K14C9	36.892	334.428	345.624	8.616	0.17861	2.43847	2	X
K14Qf7L	16.9	0.15	K14C9	26.419	149.274	198.554	11.413	0.13052	3.10634	4	X
K14Qf8A	17.1	0.15	K14C9	66.215	7.628	296.273	3.465	0.13677	2.63013	4	X
K14Qf8B	14.9	0.15	K14C9	6.210	165.299	206.611	10.976	0.13219	3.93284	2	X
K14Qf8C	16.5	0.15	K14C9	25.206	106.126	244.734	3.885	0.16348	3.06125	2	X
K14Qf8H	17.6	0.15	K14C9	324.517	210.521	224.253	4.667	0.12529	2.38471	7	X
K14Qf9F	18.4	0.15	K14C9	48.960	102.549	223.948	3.036	0.16480	2.33356	2	X
K14Qf9K	17.9	0.15	K14C9	341.850	108.655	312.563	2.035	0.20444	2.48108	7	X
K14Qg0T	16.2	0.15	K14C9	328.836	299.216	116.297	3.117	0.10925	2.87524	8	X
K14Qg0U	18.1	0.15	K14C9	40.692	313.930	20.925	6.383	0.13796	2.37967	5	X
K14Qg1C	17.8	0.15	K14C9	145.875	236.624	18.776	21.923	0.02891	1.90453	2	X
K14Qg1D	17.9	0.15	K14C9	25.596	307.972	59.376	6.093	0.27759	2.59631	2	X
K14Qg1G	16.4	0.15	K14C9	318.371	43.253	55.551	10.159	0.12580	2.78649	4	X
K14Qg1T	15.3	0.15	K14C9	355.795	173.046	198.584	9.733	0.10557	3.55212	3	X
K14Qh7T	16.1	0.15	K14C9	76.123	274.013	58.389	13.601	0.09787	2.57695	3	X
K14Qh8K	16.2	0.15	K14C9	85.212	251.242	69.769	11.185	0.12190	2.90317	5	X
K14R00Z	18.0	0.15	K14C9	27.481	333.401	6.386	5.854	0.25931	2.25872	3	X
K14R06M	17.5	0.15	K14C9	24.071	181.691	183.748	5.459	0.33598	2.57330	2	X
K14R06R	17.4	0.15	K14C9	38.682	158.208	191.730	8.653	0.17888	2.56701	4	X
K14R06S	17.1	0.15	K14C9	33.511	344.466	12.614	5.278	0.16722	2.67215	6	X
K14R06T	16.5	0.15	K14C9	356.547	43.182	11.293	9.385	0.30818	3.06341	3	X
K14R06W	17.5	0.15	K14C9	357.898	17.395	32.756	1.427	0.18572	2.45200	7	X
K14R06X	17.9	0.15	K14C9	21.254	2.146	15.897	3.081	0.21582	2.25946	7	X
K14R09W	16.9	0.15	K14C9	81.761	70.180	225.716	5.459	0.04538	2.75418	6	X
K14R10H	16.7	0.15	K14C9	124.333	23.289	231.091	4.974	0.02574	2.91093	3	X
K14R10R	17.7	0.15	K14C9	1.491	194.319	192.398	13.206	0.21625	3.09798	2	X
K14R11P	16.1	0.15	K14C9	3.507	80.808	301.092	24.928	0.22752	3.11580	5	X
K14R12J	17.5	0.15	K14C9	6.481	122.060	268.588	17.348	0.34694	2.57741	2	X
K14R12O	17.7	0.15	K14C9	353.654	141.460	257.953	17.793	0.11846	1.95266	4	X
K14R19G	17.4	0.15	K14C9	28.054	245.393	117.196	4.519	0.14801	2.25657	6	X
K14R22M	17.1	0.15	K14C9	6.655	192.482	189.049	8.143	0.22895	2.78412	4	X
K14R22N	17.9	0.15	K14C9	35.860	121.263	217.722	3.059	0.20239	2.61305	2	X
K14R22Q	18.0	0.15	K14C9	0.126	12.956	20.237	0.945	0.19407	2.47568	5	X
K14R22U	17.6	0.15	K14C9	7.262	144.098	238.028	1.744	0.18610	2.61184	5	X
K14R42B	17.9	0.15	K14C9	71.065	93.448	202.459	5.505	0.16426	2.25055	7	X
K14R42Z	16.3	0.15	K14C9	76.530	282.732	359.853	4.539	0.21420	2.97621	6	X
K14R44X	18.7	0.15	K14C9	354.758	130.925	282.622	1.921	0.19942	2.26704	4	X
K14R45D	16.0	0.15	K14C9	57.274	126.708	204.268	10.648	0.02461	3.09831	7	X
K14R45H	17.6	0.15	K14C9	4.432	50.064	341.732	1.994	0.12134	2.58560	5	X
K14R45V	16.9	0.15	K14C9	27.988	350.592	10.405	12.801	0.17116	2.64844	2	X
K14R45W	16.0	0.15	K14C9	334.109	53.307	14.568	8.827	0.11773	3.21444	3	X
K14R47G	17.8	0.15	K14C9	51.840	305.519	15.347	2.775	0.20123	2.43822	3	X
K14R48E	18.0	0.15	K14C9	34.053	150.532	196.168	8.370	0.15596	2.27719	3	X
K14R48H	16.0	0.15	K14C9	1.903	180.587	197.455	9.544	0.04588	3.17756	6	X
K14R48L	15.7	0.15	K14C9	70.826	272.998	32.662	13.170	0.16695	3.10140	4	X
K14R55R	17.8	0.15	K14C9	163.226	20.108	200.836	6.690	0.04465	2.30715	4	X
K14R56D	17.6	0.15	K14C9	353.400	108.796	284.524	1.570	0.07383	2.67078	2	X
K14R56J	15.8	0.15	K14C9	64.889	112.076	195.952	10.398	0.07523	3.15519	5	X
K14R57G	17.7	0.15	K14C9	350.599	67.944	332.007	0.772	0.18553	2.99047	2	X
K14R57L	17.1	0.15	K14C9	5.842	175.763	197.326	2.342	0.29568	3.96620	2	X

K14R57V	17.3	0.15	K14C9	1.488	23.670	358.982	1.629	0.07786	2.86996	2	X
K14R60D	18.2	0.15	K14C9	67.848	100.111	199.408	0.986	0.18986	2.33822	3	X
K14R60H	17.6	0.15	K14C9	300.085	288.740	192.836	11.047	0.19166	2.37804	4	X
K14R60J	16.4	0.15	K14C9	69.598	287.063	20.823	7.264	0.16128	3.15841	3	X
K14R61Q	17.4	0.15	K14C9	56.977	271.356	23.565	9.989	0.28072	2.41719	4	X
K14S00F	18.0	0.15	K14C9	119.299	240.308	28.307	22.248	0.12035	1.86830	2	X
K14S23N	16.8	0.15	K14C9	0.249	224.436	154.021	4.462	0.11015	2.79487	8	X
K14S64F	17.6	0.15	K14C9	335.668	61.115	338.685	7.608	0.16789	2.69416	3	X
K14S95W	17.1	0.15	K14C9	81.496	94.722	202.727	5.057	0.02883	2.66776	7	X
K14S96J	18.4	0.15	K14C9	343.741	147.267	266.430	1.719	0.16251	2.42016	5	X
K14S96N	18.5	0.15	K14C9	7.680	106.350	273.770	1.561	0.21304	2.62734	2	X
K14S99L	17.5	0.15	K14C9	31.574	347.677	354.926	2.516	0.12979	2.91133	3	X
K14SA2P	17.2	0.15	K14C9	131.096	303.504	304.352	0.586	0.02852	2.43563	8	X
K14SA8Z	17.9	0.15	K14C9	280.359	132.365	350.774	4.352	0.15828	2.32957	4	X
K14SB0A	17.8	0.15	K14C9	50.372	343.001	340.644	5.357	0.14705	2.56130	3	X
K14SB1Z	16.2	0.15	K14C9	21.228	352.073	5.410	5.250	0.05585	3.44797	9	X
K14SB2C	17.3	0.15	K14C9	48.824	315.316	12.885	2.849	0.09655	2.72819	3	X
K14SB3A	18.7	0.15	K14C9	66.995	117.976	188.494	1.759	0.15228	2.32639	3	X
K14SB4D	17.4	0.15	K14C9	20.547	50.484	312.891	1.119	0.08685	2.69846	5	X
K14SB4Q	18.5	0.15	K14C9	20.878	118.481	243.518	1.103	0.23375	2.61633	2	X
K14SB4U	17.1	0.15	K14C9	323.785	187.407	238.067	1.087	0.05095	2.86949	10	X
K14SB5F	16.7	0.15	K14C9	352.973	52.761	342.699	0.515	0.14242	3.23491	4	X
K14SB5K	16.9	0.15	K14C9	240.228	148.129	8.341	7.757	0.16248	2.77092	5	X
K14SB5R	17.9	0.15	K14C9	96.072	78.960	191.058	2.077	0.19273	2.39836	4	X
K14SB7M	16.6	0.15	K14C9	329.783	238.873	182.190	4.281	0.05693	2.79079	6	X
K14SB7S	16.7	0.15	K14C9	118.037	247.520	8.178	3.255	0.10831	2.99816	6	X
K14SB8G	16.3	0.15	K14C9	333.673	39.609	21.052	5.292	0.15885	3.21364	3	X
K14SB8H	17.3	0.15	K14C9	36.372	318.604	15.252	8.036	0.23010	2.78890	4	X
K14SB8P	17.0	0.15	K14C9	15.519	217.796	147.664	0.763	0.18061	3.08615	3	X
K14SB9J	17.3	0.15	K14C9	20.824	299.362	58.558	2.300	0.17779	3.05947	3	X
K14SB9L	17.2	0.15	K14C9	315.129	35.373	38.499	3.229	0.06084	3.05505	3	X
K14SD1W	17.0	0.15	K14C9	311.250	107.636	340.384	1.578	0.14459	2.99305	6	X
K14SD1Y	17.0	0.15	K14C9	325.643	233.923	189.948	1.722	0.05111	2.86754	6	X
K14SD5T	16.6	0.15	K14C9	17.396	332.841	24.917	7.879	0.19111	2.71154	5	X
K14SD7X	16.2	0.15	K14C9	341.073	26.952	13.925	11.748	0.15680	3.17894	4	X
K14SD9X	17.9	0.15	K14C9	286.202	112.121	5.312	4.960	0.13064	2.51896	4	X
K14SE0Y	16.0	0.15	K14C9	9.795	149.837	211.410	2.371	0.27380	3.98313	3	X
K14SE7C	17.0	0.15	K14C9	26.541	125.578	231.031	3.148	0.10079	2.66976	5	X
K14SE7S	15.8	0.15	K14C9	339.301	250.410	187.119	17.658	0.37068	3.07932	5	X
K14SE7V	16.3	0.15	K14C9	53.182	292.209	30.802	22.499	0.18805	3.04924	3	X
K14SE8T	16.7	0.15	K14C9	27.823	181.731	175.634	12.071	0.25318	2.58868	7	X
K14SF4C	16.0	0.15	K14C9	33.615	137.897	203.999	16.336	0.22462	3.17634	5	X
K14SF5P	17.4	0.15	K14C9	356.324	163.376	239.406	1.753	0.18390	2.81144	4	X
K14SF5Y	16.9	0.15	K14C9	24.028	5.637	359.287	4.057	0.08298	2.80721	7	X
K14SF6J	17.0	0.15	K14C9	299.380	119.988	336.042	1.329	0.02554	2.86834	4	X
K14SF6M	17.9	0.15	K14C9	21.015	170.479	200.656	0.651	0.20279	2.42783	5	X
K14SF6R	15.4	0.15	K14C9	121.222	245.919	19.080	11.167	0.04951	3.23307	7	X
K14SF7J	17.3	0.15	K14C9	26.421	167.681	195.460	23.563	0.22300	2.40991	3	X
K14SF7K	16.2	0.15	K14C9	331.810	241.132	202.733	18.097	0.25247	3.09966	4	X
K14SF7N	16.7	0.15	K14C9	47.113	127.937	207.248	6.328	0.12910	3.06033	5	X
K14SF8A	18.1	0.15	K14C9	38.368	137.209	218.295	3.014	0.10247	2.24714	3	X
K14SF8F	15.8	0.15	K14C9	22.715	358.866	8.627	10.628	0.12733	3.16428	5	X
K14SF8H	18.0	0.15	K14C9	19.716	13.990	10.475	20.645	0.09191	1.94881	3	X
K14SF8J	16.1	0.15	K14C9	336.862	234.084	195.095	12.772	0.15590	3.16667	4	X
K14SF8P	16.7	0.15	K14C9	329.004	258.972	190.105	8.920	0.24237	3.06427	3	X
K14SF8Q	16.4	0.15	K14C9	98.995	98.955	181.729	4.832	0.15628	2.56043	8	X
K14SF8S	18.1	0.15	K14C9	35.366	323.796	21.431	4.803	0.27261	2.57877	2	X
K14SF8Y	15.9	0.15	K14C9	19.293	232.064	139.225	2.395	0.12404	3.19749	5	X
K14SF9B	16.3	0.15	K14C9	16.129	195.744	181.629	9.184	0.03546	3.17826	5	X
K14SF9H	18.0	0.15	K14C9	20.447	215.478	161.397	3.078	0.19807	2.27125	5	X
K14SF9Y	16.3	0.15	K14C9	276.763	299.283	191.485	14.706	0.09663	2.84990	5	X
K14SG0A	16.7	0.15	K14C9	4.424	3.909	28.937	12.607	0.13158	3.00485	3	X
K14SG0B	16.8	0.15	K14C9	317.455	55.533	26.604	2.423	0.04641	2.64596	7	X
K14SG0C	16.2	0.15	K14C9	34.544	333.152	19.489	9.778	0.10762	3.08395	6	X
K14SG0D	18.0	0.15	K14C9	60.272	144.609	175.701	3.132	0.18843	2.22783	5	X
K14SG0K	16.8	0.15	K14C9	10.239	206.319	178.699	4.766	0.11351	2.76850	6	X
K14SG4H	16.1	0.15	K14C9	21.149	202.262	162.633	5.756	0.14484	3.23146	5	X
K14SG4W	18.1	0.15	K14C9	47.882	308.538	26.352	2.826	0.20708	2.18801	4	X
K14SG4Z	18.1	0.15	K14C9	71.153	151.450	156.458	5.057	0.18472	2.22025	6	X
K14SG5E	18.3	0.15	K14C9	29.474	285.263	75.734	2.428	0.20458	2.38127	3	X
K14SG5P	16.1	0.15	K14C9	123.702	84.500	178.968	9.474	0.02307	3.03104	5	X
K14SG6L	16.6	0.15	K14C9	41.289	359.210	338.584	10.770	0.10936	3.13060	6	X
K14SG7A	15.6	0.15	K14C9	18.347	120.167	246.259	8.352	0.07206	3.01524	4	X
K14SH7L	18.3	0.15	K14C9	8.458	294.885	84.772	2.337	0.19083	2.35331	4	X
K14SI5F	17.5	0.15	K14C9	25.446	312.735	36.997	8.197	0.18359	2.65204	4	X
K14SK1M	18.0	0.15	K14C9	52.826	232.609	78.481	3.555	0.24921	2.26274	7	X
K14SK5J	17.3	0.15	K14C9	337.701	262.030	148.660	3.257	0.09687	2.64072	8	X
K14SM1K	17.1	0.15	K14C9	46.732	142.980	178.453	2.174	0.14978	2.68794	7	X
K14SM1M	16.9	0.15	K14C9	39.889	134.730	197.402	13.693	0.19859	2.68111	5	X
K14SM2W	18.5	0.15	K14C9	60.448	156.153	163.982	2.119	0.21299	2.11250	5	X
K14SM3Q	16.3	0.15	K14C9	28.703	145.854	182.822	29.215	0.29622	3.15265	3	X
K14SM9F	16.0	0.15	K14C9	327.493	62.272	10.413	5.553	0.12658	3.09658	4	X
K14SM9K	16.0	0.15	K14C9	328.560	227.612	197.570	9.235	0.05355	3.08132	8	X
K14SM9S	16.5	0.15	K14C9	30.108	164.406	190.843	8.108	0.15237	2.75890	5	X
K14SN0B	16.8	0.15	K14C9	232.997	46.518	116.083	3.160	0.00938	2.86484	6	X
K14SN2X	18.4	0.15	K14C9	1.445	242.488	162.546	4.376	0.22611	2.28420	5	X
K14SN2Y	16.6	0.15	K14C9	257.837	114.828	31.256	9.404	0.10098	2.72237	4	X
K14SN3B	16.2	0.15	K14C9	33.797	281.214	68.060	3.205	0.16966	3.10756	6	X
K14SP0G	17.7	0.15	K14C9	53.261	66.466	264.082	2.976	0.19201	2.38773	5	X
K14SP6P	17.2	0.15	K14C9	27.729	351.793	9.825	4.408	0.08346	2.80664	5	X
K14SP7B	16.7	0.15	K14C9	36.934	342.168	17.589	1.772	0.11158	2.77756	11	X
K14SP8B	15.9	0.15	K14C9	57.965	131.694	185.381	9.274	0.17273	3.14125	3	X
K14SQ0B	18.9	0.15	K14C9	0.304	265.017	148.741	4.252	0.32947	2.27187	4	X
K14SQ2D	18.4	0.15	K14C9	4.100	77.297	323.397	15.524	0.27106	2.47106	3	X
K14SQ2Z	16.3	0.15	K14C9	352.205	227.223	190.053	13.276	0.24234	2.61791	6	X
K14SQ3H	17.2	0.15	K14C9	9.094	314.551	69.406	5.761	0.14542	2.25056	5	X
K14SQ4H	17.4	0.15	K14C9	356.864	151.214	258.244	2.242	0.22600	2.48323	7	X

K14SQ4P	18.4	0.15	K14C9	71.346	128.146	181.357	5.055	0.17143	2.32263	2	X
K14SQ4U	17.7	0.15	K14C9	3.078	308.971	87.101	2.696	0.09590	2.63433	2	X
K14SQ4W	16.5	0.15	K14C9	350.427	206.044	206.934	7.869	0.27558	3.14170	4	X
K14SQ5L	15.9	0.15	K14C9	330.251	61.486	20.037	10.719	0.24629	3.15975	5	X
K14SQ6J	16.6	0.15	K14C9	40.550	65.609	269.218	8.753	0.18120	2.75986	7	X
K14SR8D	16.7	0.15	K14C9	14.633	173.329	191.423	9.820	0.13671	2.80610	6	X
K14SR9C	16.9	0.15	K14C9	338.025	248.458	187.627	7.169	0.18928	2.57602	6	X
K14SR9D	16.8	0.15	K14C9	17.868	204.735	173.053	5.155	0.12850	2.76865	7	X
K14SR9N	18.1	0.15	K14C9	11.192	265.280	126.077	2.099	0.19553	2.41772	3	X
K14SR9V	15.7	0.15	K14C9	20.102	318.511	55.256	6.448	0.16411	3.21184	8	X
K14SS0F	17.2	0.15	K14C9	4.973	244.937	151.003	4.104	0.25771	2.97564	3	X
K14SS0L	15.9	0.15	K14C9	257.470	95.210	52.259	8.358	0.07862	3.19689	5	X
K14SS0P	17.6	0.15	K14C9	66.280	244.486	62.372	4.476	0.25378	2.38139	5	X
K14SS0S	17.0	0.15	K14C9	17.038	230.393	150.438	4.468	0.10854	2.75406	5	X
K14SS0V	18.2	0.15	K14C9	336.906	349.258	88.841	3.203	0.16044	2.35789	4	X
K14SS0X	16.7	0.15	K14C9	5.347	303.006	92.874	3.490	0.10809	2.72301	5	X
K14SS1C	17.3	0.15	K14C9	55.245	243.747	82.631	3.558	0.21012	2.44460	5	X
K14SS1M	16.8	0.15	K14C9	304.919	342.358	116.757	3.360	0.01392	2.79018	8	X
K14SS1O	17.6	0.15	K14C9	29.422	293.936	72.661	3.676	0.16854	2.60918	4	X
K14SS2E	18.0	0.15	K14C9	36.653	274.322	82.132	3.792	0.18461	2.33536	4	X
K14SS2J	17.4	0.15	K14C9	20.377	310.993	69.033	4.636	0.15721	2.45019	4	X
K14SS2L	16.5	0.15	K14C9	305.923	316.064	152.069	5.643	0.11933	3.12344	5	X
K14SS2R	17.0	0.15	K14C9	38.909	219.456	139.613	4.735	0.08075	2.76405	4	X
K14SS2V	16.8	0.15	K14C9	26.534	239.639	134.556	4.596	0.09594	2.73084	5	X
K14SS3B	17.1	0.15	K14C9	49.693	218.500	118.766	4.441	0.20511	2.59547	7	X
K14SS3C	17.1	0.15	K14C9	56.309	236.690	104.789	4.938	0.08441	2.62920	8	X
K14SS3N	17.9	0.15	K14C9	60.741	341.142	345.288	4.936	0.14610	2.33224	6	X
K14SS4Z	17.8	0.15	K14C9	12.643	352.780	33.352	1.710	0.19263	2.42360	4	X
K14SS7Q	16.6	0.15	K14C9	28.648	326.870	17.074	15.629	0.22532	3.10841	2	X
K14SU0Y	18.1	0.15	K14C9	33.204	168.536	184.559	5.392	0.26335	2.38064	3	X
K14SU1M	16.5	0.15	K14C9	308.347	70.884	34.346	24.911	0.19636	2.78707	5	X
K14SU1N	16.3	0.15	K14C9	51.157	277.782	52.675	12.445	0.13668	2.73143	7	X
K14SU4L	15.8	0.15	K14C9	12.203	329.245	29.628	9.344	0.07730	3.15871	6	X
K14SU4R	15.8	0.15	K14C9	306.855	75.597	22.312	22.115	0.07896	3.15890	3	X
K14SU5L	17.5	0.15	K14C9	11.849	39.891	342.779	0.909	0.07971	2.64893	3	X
K14SU6F	17.7	0.15	K14C9	1.506	337.055	61.136	6.058	0.12653	2.35436	4	X
K14SV2S	17.8	0.15	K14C9	7.354	286.511	105.024	1.596	0.09442	2.53084	5	X
K14SV3V	17.6	0.15	K14C9	211.515	17.298	173.279	6.392	0.04696	2.27057	6	X
K14SV4V	17.1	0.15	K14C9	50.029	155.109	184.192	8.971	0.13731	3.06565	3	X
K14SV4Y	18.3	0.15	K14C9	68.499	162.418	152.094	3.488	0.20910	2.25076	4	X
K14SV5A	17.6	0.15	K14C9	74.855	160.639	148.313	3.329	0.18586	2.41770	5	X
K14SV6C	17.1	0.15	K14C9	49.994	217.715	116.957	4.592	0.20067	2.73555	3	X
K14SV6N	15.5	0.15	K14C9	17.333	323.271	57.905	12.345	0.16658	3.42403	3	X
K14SW5T	15.3	0.15	K14C9	59.297	297.587	12.132	17.872	0.19195	3.20814	5	X
K14SW6E	16.5	0.15	K14C9	8.794	274.918	114.589	3.266	0.10182	3.15951	6	X
K14SW7V	17.1	0.15	K14C9	51.336	203.338	142.443	4.187	0.10290	2.78592	4	X
K14SW8E	17.9	0.15	K14C9	85.680	156.547	145.590	4.730	0.16128	2.32668	7	W
K14SX5Z	17.6	0.15	K14C9	338.033	265.683	170.313	4.120	0.17675	2.57094	2	X
K14SX6L	16.8	0.15	K14C9	55.416	235.771	99.613	3.246	0.06928	2.86152	2	X
K14SX9A	16.9	0.15	K14C9	345.686	253.948	175.592	7.879	0.20358	2.95020	5	X
K14T05T	16.8	0.15	K14C9	42.401	304.265	33.344	6.403	0.29185	2.56639	8	X
K14T18Y	17.0	0.15	K14C9	6.138	190.519	205.058	3.898	0.12657	2.64984	4	X
K14T26K	18.6	0.15	K14C9	11.387	89.348	305.538	0.119	0.22658	2.33685	4	W
K14T27J	16.6	0.15	K14C9	107.599	247.748	29.899	7.527	0.15093	2.78824	3	X
K14T33V	18.5	0.15	K14C9	90.410	331.916	331.857	20.189	0.08620	1.84929	3	S
K14T40X	15.9	0.15	K14C9	25.388	266.132	107.066	16.563	0.12367	2.72694	4	X
K14T54C	14.0	0.15	K14C9	330.694	245.225	212.648	10.251	0.10348	5.25592	7	X
K14T82B	16.9	0.15	K14C9	9.783	30.627	5.330	3.641	0.26412	3.10324	5	X
T2S5113	16.7	0.15	K14C9	16.662	146.635	239.786	8.868	0.25076	2.74162	6	X

New perturbed non-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K14HC3O	20.4	0.15	K14C9	35.149	276.131	16.516	12.353	0.53933	2.30880	185	X
K14K46E	20.9	0.15	K14C9	38.338	35.436	263.754	8.549	0.53802	2.21854	160	X
K14M05X	18.5	0.15	K14C9	42.584	149.199	167.663	1.543	0.29930	2.26605	124	X
K14N39C	21.7	0.15	K14C9	30.162	209.521	129.498	8.753	0.48082	2.24078	117	X
K14N60E	16.9	0.15	K14C9	9.272	17.497	336.585	13.702	0.18871	2.68328	121	X
K14OI3F	18.5	0.15	K14C9	46.849	301.436	359.035	4.707	0.28196	2.27802	119	X
K14OI7H	17.9	0.15	K14C9	11.503	181.785	192.136	5.753	0.08659	2.20887	90	X
K14OI7M	17.2	0.15	K14C9	8.746	193.291	177.520	8.009	0.21975	3.00453	90	X
K14OI8K	16.2	0.15	K14C9	345.850	226.145	171.963	9.457	0.10339	2.92957	118	X
K14OI8M	16.4	0.15	K14C9	42.381	146.213	177.197	13.126	0.16392	3.13677	90	X
K14OI8R	17.8	0.15	K14C9	23.588	7.163	348.497	0.626	0.16028	2.60507	90	X
K14OI8W	18.6	0.15	K14C9	34.141	161.143	185.366	2.384	0.19232	2.28650	90	X
K14OI9H	16.8	0.15	K14C9	9.215	215.953	154.920	2.869	0.07971	2.92225	90	X
K14OI9J	16.7	0.15	K14C9	37.962	348.773	344.466	4.318	0.13402	3.09144	90	X
K14OI9K	16.7	0.15	K14C9	18.393	0.813	357.357	4.632	0.13962	3.11990	90	X
K14OJ0H	17.9	0.15	K14C9	73.160	306.324	342.375	3.777	0.22057	2.38021	118	X
K14OJ0L	16.8	0.15	K14C9	18.267	4.714	358.263	3.926	0.11715	2.81310	90	X
K14OJ0M	18.8	0.15	K14C9	50.885	142.759	173.839	0.875	0.26231	2.33259	90	X
K14OJ0O	18.0	0.15	K14C9	38.484	178.839	161.089	1.133	0.19967	2.39220	90	X
K14OJ0Q	15.4	0.15	K14C9	73.824	296.406	357.742	14.907	0.10262	3.35288	90	X
K14OJ0U	18.5	0.15	K14C9	73.412	322.485	331.153	2.551	0.21516	2.19870	90	X
K14OJ0X	17.7	0.15	K14C9	71.781	293.980	2.879	1.991	0.17357	2.39635	90	X
K14OJ1J	16.7	0.15	K14C9	28.946	343.348	5.109	1.407	0.14507	3.02147	90	X
K14OJ1M	17.3	0.15	K14C9	9.721	3.660	9.858	5.513	0.07960	2.69908	90	X
K14OJ1S	18.3	0.15	K14C9	53.118	287.014	34.004	2.030	0.19905	2.24114	90	X
K14OJ1W	18.4	0.15	K14C9	56.609	310.486	6.850	5.552	0.18297	2.25013	90	X
K14OJ1Y	17.3	0.15	K14C9	25.931	342.600	3.254	11.195	0.25439	3.09792	90	X
K14OJ2L	15.6	0.15	K14C9	322.297	52.980	15.212	8.726	0.10166	3.16601	116	X
K14OJ2Q	16.4	0.15	K14C9	55.385	182.710	131.894	3.212	0.09819	2.94785	90	X
K14OJ2W	18.2	0.15	K14C9	50.065	314.192	4.568	3.728	0.24716	2.26178	90	X
K14OJ4T	18.6	0.15	K14C9	33.323	349.833	352.803	4.854	0.23487	2.44011	90	X
K14OJ6A	17.3	0.15	K14C9	30.468	160.870	183.106	1.432	0.11084	2.69956	90	X
K14OJ6B	18.5	0.15	K14C9	10.452	53.091	331.122	5.671	0.37517	2.59870	91	X
K14OJ6W	17.1	0.15	K14C9	6.047	204.236	173.717	8.364	0.22661	2.79281	90	X
K14OJ6X	17.8	0.15	K14C9	27.465	177.272	173.599	4.524	0.20158	2.39893	90	X

K140J8L	17.0	0.15	K14C9	29.250	167.923	177.781	13.651	0.14674	2.58621	90	X
K140J9C	16.1	0.15	K14C9	92.402	280.849	18.657	12.580	0.19060	2.57436	90	X
K140M8L	18.0	0.15	K14C9	52.407	130.394	175.939	10.844	0.23901	2.59185	90	X
K140M9R	16.4	0.15	K14C9	2.201	224.122	158.875	1.173	0.17792	3.19967	90	X
K140M9S	15.9	0.15	K14C9	55.833	322.941	354.669	10.316	0.08048	3.12772	90	X
K140M9V	17.4	0.15	K14C9	75.297	304.498	351.170	4.325	0.12905	2.56248	90	X
K140N0D	16.7	0.15	K14C9	344.134	45.020	2.779	12.813	0.17505	3.09721	90	X
K140N0L	18.2	0.15	K14C9	26.933	331.948	22.383	2.850	0.20574	2.42972	90	X
K140N1A	17.6	0.15	K14C9	335.703	277.192	144.138	3.027	0.17128	2.41370	90	X
K140N2G	17.9	0.15	K14C9	28.370	168.920	176.865	12.247	0.14668	2.61175	90	X
K140N2H	17.7	0.15	K14C9	36.280	93.039	239.812	2.593	0.27831	2.47060	90	X
K140N2R	17.7	0.15	K14C9	64.147	292.130	12.353	3.421	0.18812	2.40696	90	X
K140T3H	17.6	0.15	K14C9	31.420	147.113	199.263	4.024	0.18298	2.27042	88	X
K140T3N	17.0	0.15	K14C9	22.212	150.202	200.485	2.405	0.19308	2.81100	88	X
K140T40	17.3	0.15	K14C9	350.270	237.524	169.097	8.323	0.27171	2.76509	88	X
K140T4S	17.4	0.15	K14C9	334.909	255.196	167.502	4.960	0.20126	2.60754	88	X
K140T5U	17.5	0.15	K14C9	353.132	200.916	197.249	4.275	0.19958	2.70578	88	X
K140T5V	17.5	0.15	K14C9	351.523	222.605	176.386	14.872	0.18000	2.69991	88	X
K140T6A	18.2	0.15	K14C9	60.735	113.280	199.173	0.797	0.16323	2.20054	88	X
K140T6B	17.4	0.15	K14C9	57.513	335.836	337.094	3.100	0.13972	2.63103	118	X
K140T6J	17.7	0.15	K14C9	350.440	38.300	4.430	6.352	0.12079	2.40246	88	X
K140T6N	16.5	0.15	K14C9	19.922	249.922	106.492	3.103	0.11525	2.88889	88	X
K140T7Q	17.2	0.15	K14C9	10.269	351.783	24.041	5.576	0.17633	2.80297	88	X
K140T7R	16.9	0.15	K14C9	6.133	1.750	18.356	6.658	0.19630	3.02275	88	X
K140T7U	17.9	0.15	K14C9	54.723	341.318	334.780	2.051	0.20008	2.38561	88	X
K140T8J	16.5	0.15	K14C9	356.813	45.748	352.682	13.196	0.26411	3.18300	89	X
K140T8M	16.8	0.15	K14C9	61.408	322.932	352.489	3.301	0.08923	2.76231	88	X
K140T9K	18.0	0.15	K14C9	24.064	159.375	199.768	0.734	0.20343	2.40920	88	X
K140X9K	19.4	0.15	K14C9	19.464	151.079	213.858	1.847	0.35059	2.46691	88	X
K140b8Y	17.0	0.15	K14C9	8.830	35.376	325.373	14.219	0.21680	2.42886	121	X
K140d1L	17.3	0.15	K14C9	38.491	327.107	7.847	13.589	0.18863	2.58038	86	X
K14P28B	18.5	0.15	K14C9	9.999	16.782	350.946	4.679	0.25465	2.27392	83	X
K14P31V	17.2	0.15	K14C9	357.341	28.711	346.303	9.105	0.28587	3.09751	87	X
K14P36Q	17.7	0.15	K14C9	23.542	151.838	187.099	1.135	0.21467	2.41784	123	X
K14P42V	18.4	0.15	K14C9	31.136	351.923	347.250	5.343	0.26954	2.25521	89	X
K14P44O	17.6	0.15	K14C9	341.938	217.072	175.662	2.755	0.26244	2.30007	145	X
K14P47F	18.6	0.15	K14C9	35.088	340.783	337.087	2.450	0.25158	2.42135	111	X
K14P48J	17.4	0.15	K14C9	313.194	74.922	343.715	6.023	0.09095	2.46443	92	X
K14P48O	15.9	0.15	K14C9	354.104	24.294	344.107	9.219	0.11249	3.07749	87	X
K14P50Z	17.9	0.15	K14C9	66.722	284.646	1.223	5.442	0.15206	2.29955	83	X
K14P59G	17.0	0.15	K14C9	55.215	283.013	4.102	29.098	0.31476	2.61786	83	X
K14Q00X	17.3	0.15	K14C9	51.391	16.369	264.311	11.720	0.23005	2.55670	124	X
K14Q19U	15.9	0.15	K14C9	68.948	102.368	186.896	13.888	0.10226	3.16640	144	X
K14Q87R	16.0	0.15	K14C9	3.220	115.140	233.718	7.682	0.12408	3.03687	144	X
K14QE2P	16.2	0.15	K14C9	321.819	51.314	4.971	12.914	0.10876	3.03117	66	X
K14QF2Y	16.3	0.15	K14C9	355.135	201.331	179.229	17.138	0.19571	3.21825	80	X
K14QQ6K	19.2	0.15	K14C9	5.247	39.009	340.517	12.940	0.57551	2.76502	65	X
K14QQ7X	16.4	0.15	K14C9	21.627	351.955	7.051	17.821	0.23624	3.09369	67	X
K14QR3X	17.6	0.15	K14C9	1.933	11.184	13.345	15.312	0.30343	2.65764	63	X
K14QS1Q	17.2	0.15	K14C9	16.198	301.544	82.474	3.857	0.19827	2.44977	120	X
K14QU6Z	17.9	0.15	K14C9	23.424	215.940	139.431	3.360	0.20598	2.41091	90	X
K14QU8J	18.3	0.15	K14C9	14.077	10.115	4.176	9.256	0.26783	2.45086	86	X
K14QZ6T	18.8	0.15	K14C9	39.259	226.957	106.780	1.180	0.23777	2.29944	88	X
K14QZ9Y	16.7	0.15	K14C9	351.875	199.209	195.247	0.682	0.16158	3.14108	87	X
K14Qe8B	17.4	0.15	K14C9	21.977	171.905	190.510	3.692	0.20806	2.41381	147	X
K14Qf2H	17.8	0.15	K14C9	23.391	336.941	2.625	2.570	0.21105	2.46178	121	X
K14Qh2Z	19.5	0.15	K14C9	51.239	87.484	201.423	1.937	0.45105	2.33620	59	X
K14R11F	23.7	0.15	K14C9	44.492	213.053	159.790	7.082	0.13173	1.25546	55	X
K14R18X	16.8	0.15	K14C9	25.971	321.846	39.107	10.745	0.18699	2.78032	61	X
K14R21H	17.2	0.15	K14C9	27.551	143.744	196.860	2.103	0.22898	2.85421	88	X
K14R21U	18.3	0.15	K14C9	25.195	346.138	2.998	13.750	0.21453	2.46010	86	X
K14R30X	19.1	0.15	K14C9	351.270	254.890	172.175	33.380	0.43660	1.94799	41	X
K14R42P	17.3	0.15	K14C9	8.873	169.840	205.431	1.727	0.18235	2.74285	88	X
K14R57Q	18.2	0.15	K14C9	36.274	126.923	213.096	0.735	0.20580	2.41345	90	X
K14S01S	21.8	0.15	K14C9	30.562	341.372	358.315	1.486	0.51917	2.12191	45	X
K14S21H	17.8	0.15	K14C9	354.364	38.037	3.405	7.587	0.30655	2.65462	86	X
K14SA4P	17.7	0.15	K14C9	56.524	274.425	29.787	3.561	0.20925	2.68609	87	X
K14SB8T	16.9	0.15	K14C9	290.336	287.373	175.768	4.876	0.07414	2.70387	88	X
K14SC5Q	18.0	0.15	K14C9	349.825	25.882	24.387	7.364	0.19076	2.39517	86	X
K14SE1C	16.9	0.15	K14C9	31.395	326.975	12.765	14.425	0.16455	2.79504	86	X
K14SE1U	21.5	0.15	K14C9	14.535	338.114	36.846	12.520	0.53303	2.64710	38	X
K14SE3G	18.5	0.15	K14C9	193.870	238.394	325.752	20.899	0.28659	1.60554	38	X
K14SE3N	21.0	0.15	K14C9	359.314	228.009	201.931	6.327	0.35220	1.86713	36	X
K14SE3R	24.4	0.15	K14C9	21.787	109.829	289.719	3.517	0.15716	1.29584	36	X
K14SE4J	17.0	0.15	K14C9	14.000	221.097	174.008	5.534	0.32968	2.56306	117	X
K14SG1D	17.7	0.15	K14C9	47.863	158.846	171.583	1.875	0.21602	2.40882	122	X
K14SG5B	18.0	0.15	K14C9	41.431	206.886	135.255	2.513	0.23721	2.25082	67	X
K14SIOA	18.0	0.15	K14C9	13.665	352.853	18.994	6.928	0.14629	2.37550	86	X
K14SK6Z	16.8	0.15	K14C9	4.031	240.778	176.833	4.019	0.15415	2.55772	89	X
K14SK7N	17.3	0.15	K14C9	33.186	304.544	73.690	7.199	0.15445	2.40419	89	X
K14SNON	19.1	0.15	K14C9	29.447	16.745	342.467	1.210	0.22705	2.22313	87	X
K14SN1Z	16.1	0.15	K14C9	11.286	192.312	188.242	24.770	0.21648	3.11979	117	X
K14SQ0K	19.5	0.15	K14C9	9.106	236.260	184.562	33.311	0.50950	2.55045	50	X
K14SQ0P	23.6	0.15	K14C9	8.367	227.753	185.480	9.667	0.35855	1.69329	32	X
K14SQ0R	23.2	0.15	K14C9	6.384	215.426	186.571	8.506	0.59286	2.83699	32	X
K14SQ1M	21.2	0.15	K14C9	36.433	331.215	37.626	15.393	0.23292	1.51603	39	X
K14SQ1Z	20.9	0.15	K14C9	13.262	178.830	219.907	7.545	0.35090	1.95683	30	X
K14SQ3R	17.0	0.15	K14C9	16.706	341.670	31.174	13.688	0.29441	2.64306	80	X
K14SQ5J	17.3	0.15	K14C9	17.684	247.835	123.048	2.824	0.22283	2.69358	61	X
K14SS5W	16.1	0.15	K14C9	7.241	187.560	203.314	12.456	0.15366	3.10363	117	X
K14SU9V	16.3	0.15	K14C9	316.616	252.134	212.851	15.512	0.08600	2.56377	88	X
K14SV2P	17.1	0.15	K14C9	348.861	226.983	197.787	32.227	0.30008	2.61124	116	X
K14SW4C	24.2	0.15	K14C9	5.324	221.366	210.206	1.656	0.52597	1.93060	25	X
K14T00P	19.4	0.15	K14C9	10.324	8.241	24.670	20.584	0.42319	2.48822	39	X
K14T00W	26.0	0.15	K14C9	231.184	190.409	10.844	8.980	0.00860	1.02802	20	X
K14T00X	18.5	0.15	K14C9	353.168	82.880	350.718	25.499	0.46815	2.63010	68	X
K14T00Z	22.5	0.15	K14C9	7.650	168.535	246.415	2.311	0.38065	1.85123	24	X

K14T07V	16.9	0.15	K14C9	24.658	170.157	195.465	11.451	0.28106	3.03569	117	X
K14T14C	16.8	0.15	K14C9	44.410	77.979	267.883	3.669	0.11812	2.77177	117	X
K14T17L	22.8	0.15	K14C9	342.910	263.034	213.267	9.435	0.31793	1.16806	24	X
K14T24D	17.7	0.15	K14C9	16.582	357.320	7.361	7.541	0.12148	2.27368	110	X
K14T32X	20.3	0.15	K14C9	29.048	149.124	214.085	24.841	0.30182	1.74991	19	X
K14T34M	25.0	0.15	K14C9	28.048	156.562	201.711	2.180	0.47252	1.91877	13	X
K14T35M	23.7	0.15	K14C9	39.034	87.158	215.350	3.216	0.61104	1.93342	12	X
K14T36A	20.6	0.15	K14C9	348.099	255.810	229.544	6.154	0.70930	2.82631	13	X
K14T36B	25.3	0.15	K14C9	71.889	287.860	20.439	4.373	0.35551	1.33209	12	X
K14T36C	25.0	0.15	K14C9	260.731	175.080	22.537	15.461	0.28308	0.80253	12	X
K14T57W	20.1	0.15	K14C9	2.206	237.281	256.333	6.748	0.73654	2.16562	21	X
K14T57X	21.3	0.15	K14C9	357.934	208.099	235.049	11.773	0.44851	1.86999	18	X
K14U00Y	25.2	0.15	K14C9	340.147	245.143	219.431	3.582	0.17374	1.17548	9	X
K14U05G	23.9	0.15	K14C9	0.672	240.915	205.581	6.882	0.35286	1.44338	8	X
K14U07R	26.1	0.15	K14C9	54.935	127.091	208.261	6.441	0.32528	1.42301	6	X
K14U07S	26.4	0.15	K14C9	179.298	219.572	25.834	9.745	0.27317	0.86171	6	X
K14U07X	25.6	0.15	K14C9	81.007	136.422	208.440	7.284	0.04926	1.10413	5	X
K14U07Y	24.8	0.15	K14C9	14.409	180.523	200.014	3.566	0.57607	2.43012	5	X
K14U08F	25.3	0.15	K14C9	13.619	22.764	28.112	11.209	0.34850	1.57149	5	X
K14U32Z	23.7	0.15	K14C9	4.226	43.716	25.768	19.161	0.29044	1.47912	4	X
K14U33A	21.7	0.15	K14C9	5.273	292.457	127.589	5.881	0.48171	2.20663	5	X
K14U33O	22.1	0.15	K14C9	6.392	11.262	39.700	14.124	0.54309	2.52974	5	X
K14U33Q	23.8	0.15	K14C9	27.896	137.262	211.012	4.902	0.50612	2.16365	3	X
K14U33R	22.4	0.15	K14C9	6.392	126.728	273.942	0.928	0.51241	2.84151	2	W
K14U33T	23.4	0.15	K14C9	351.165	73.665	35.965	7.540	0.42233	1.46230	4	X
K14U33W	22.8	0.15	K14C9	190.591	15.913	217.315	13.381	0.43192	0.83577	4	X
K14U33X	24.8	0.15	K14C9	18.482	17.744	8.906	7.273	0.43574	1.88084	3	X
K14U34R	24.9	0.15	K14C9	11.492	183.218	207.534	16.758	0.59191	2.48845	3	X
K14U34S	25.2	0.15	K14C9	359.924	82.282	6.935	4.777	0.48276	1.73631	2	W
K14U34T	24.7	0.15	K14C9	52.349	128.672	220.877	13.583	0.25701	1.38488	3	X
K14U34U	23.2	0.15	K14C9	10.683	54.919	359.190	7.452	0.28286	1.57584	3	X
K14U34V	24.9	0.15	K14C9	110.944	101.356	206.569	8.165	0.12558	1.06347	3	X
K14U34W	19.4	0.15	K14C9	352.333	287.555	193.213	8.678	0.66886	3.16709	10	W
K14U34X	22.5	0.15	K14C9	44.147	89.806	206.181	32.903	0.64765	1.71770	3	X
K14U56F	27.4	0.15	K14C9	2.458	227.287	214.852	0.935	0.59004	2.12498	1	X
K14U56G	25.2	0.15	K14C9	58.995	285.425	25.224	29.762	0.45235	1.43870	2	W
K14U56H	20.4	0.15	K14C9	28.725	304.375	62.632	9.595	0.37711	1.97757	3	W

New one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K05Q56T	17.2	0.15	K058I	319.892	11.234	23.052	5.957	0.22097	2.94042	2	W
K09W55O	18.4	0.15	K099Q	22.194	196.097	154.894	3.159	0.21521	2.40124	87	DW
K14071Y	18.6	0.15	K148V	0.703	336.282	355.907	2.184	0.23261	2.35035	92	X
K140J3W	16.7	0.15	K148V	359.652	195.290	161.602	11.874	0.11723	3.11422	90	X
K140M9W	16.9	0.15	K148V	39.082	337.003	340.383	4.101	0.06422	2.77349	90	X
K140X6D	16.9	0.15	K148V	307.009	63.650	327.725	13.914	0.19661	2.51648	87	X
K140b5X	16.6	0.15	K148B	19.825	320.396	325.426	11.924	0.14610	3.11163	114	X
K14P00E	16.9	0.15	K148V	348.597	298.790	60.940	0.371	0.34423	3.97241	92	X
K14P05V	16.9	0.15	K148B	304.454	222.010	152.628	14.563	0.12328	2.54661	117	X
K14P28S	18.1	0.15	K148V	359.917	0.453	334.548	3.519	0.21139	2.62843	92	X
K14P48B	17.4	0.15	K148V	333.437	35.932	344.524	4.599	0.25683	3.20012	82	X
K14Q32X	18.3	0.15	K149K	350.225	100.012	271.434	15.825	0.20853	1.91240	65	X
K14QP4C	17.4	0.15	K149K	343.799	10.164	16.230	15.171	0.26450	2.62043	64	X
K14QR5N	16.6	0.15	K149K	26.756	308.957	9.245	14.162	0.28713	3.17303	62	X
K14QR5R	16.0	0.15	K149K	315.901	45.936	13.962	13.322	0.08798	3.21912	62	X
K14QS1O	17.5	0.15	K149K	6.072	342.534	24.628	14.202	0.24838	2.60609	62	X
K14QU8G	18.4	0.15	K149K	1.778	348.555	11.192	5.945	0.17538	2.33416	62	X
K14QW1M	17.0	0.15	K149K	47.714	304.063	1.155	8.706	0.14262	2.79894	61	X
K14QW2D	18.0	0.15	K149K	8.236	342.534	7.900	8.732	0.26979	3.07202	61	X
K14QW3E	17.3	0.15	K149K	353.364	353.371	21.695	5.454	0.12893	2.81697	61	X
K14QW3O	16.8	0.15	K149K	0.991	351.982	11.745	12.051	0.13562	3.05258	61	X
K14QW7O	19.0	0.15	K149K	355.091	359.139	17.747	3.481	0.24565	2.23920	61	X
K14QW8M	18.1	0.15	K149K	338.177	31.316	15.871	10.877	0.24868	2.34818	61	X
K14QW8Q	18.3	0.15	K149K	357.299	257.834	119.978	3.236	0.24222	2.74448	61	X
K14QW9Q	17.2	0.15	K149K	347.147	256.127	142.465	10.133	0.27854	3.08367	61	X
K14QW9T	17.8	0.15	K149K	1.896	295.241	73.762	7.147	0.28286	2.65352	61	X
K14QX0G	18.9	0.15	K149K	3.080	259.799	105.741	5.503	0.21316	2.26821	61	X
K14QX0H	17.2	0.15	K149K	2.309	238.988	130.304	7.570	0.18978	2.58549	61	X
K14QX0L	17.5	0.15	K149K	346.066	317.357	83.518	6.566	0.32721	2.85947	61	X
K14QX0S	18.2	0.15	K149K	347.086	19.147	13.676	14.424	0.24012	2.44838	61	X
K14QX0U	18.6	0.15	K149K	5.449	327.078	34.821	4.475	0.21074	2.18321	61	X
K14QX0V	18.2	0.15	K149K	7.213	223.666	134.879	4.594	0.27627	2.54268	61	X
K14QX1B	18.4	0.15	K149K	345.527	265.948	127.774	4.107	0.17608	2.36437	61	X
K14QX4D	19.2	0.15	K148V	28.827	299.386	7.594	6.197	0.25001	2.22130	86	X
K14QZ1K	17.8	0.15	K149K	347.998	325.230	53.532	2.878	0.21399	2.63995	62	X
K14QZ2T	17.8	0.15	K149K	327.715	293.310	110.040	3.284	0.16222	2.62257	59	X
K14QZ7U	17.4	0.15	K149K	254.113	102.834	18.631	5.811	0.09861	2.38909	59	X
K14QZ8D	18.3	0.15	K149K	6.300	350.318	3.911	2.750	0.20685	2.63838	59	X
K14QZ8L	19.0	0.15	K149K	9.415	346.104	2.785	3.166	0.20526	2.26998	59	X
K14QZ9C	16.6	0.15	K149K	333.807	204.111	194.618	5.358	0.12570	3.25336	59	X
K14Qa6H	17.3	0.15	K149K	342.233	354.388	49.197	5.402	0.20759	2.69413	61	X
K14Qa6K	18.2	0.15	K149K	341.947	302.667	103.209	6.112	0.27553	2.65270	61	X
K14Qa6Y	17.6	0.15	K149K	13.286	292.256	64.134	7.361	0.13916	2.27152	61	X
K14Qa7P	17.8	0.15	K149K	348.849	280.912	110.280	6.970	0.13046	2.36328	61	X
K14Qa8Q	17.2	0.15	K149K	354.470	344.385	44.471	15.700	0.26004	2.62728	61	X
K14Qa8X	16.8	0.15	K149K	347.680	9.161	6.567	12.075	0.19928	2.69155	66	X
K14Qa9B	18.5	0.15	K148V	348.977	289.437	75.924	2.982	0.15865	2.24338	86	X
K14Qb7H	17.7	0.15	K149K	298.508	245.941	192.429	9.366	0.16048	2.39183	59	X
K14Qc2J	16.5	0.15	K149K	1.660	164.435	188.601	12.136	0.21212	3.15830	58	X
K14Qc2W	16.5	0.15	K149K	7.376	337.078	352.805	16.958	0.20690	3.11662	62	X
K14Qd4V	16.8	0.15	K149K	112.644	236.094	358.920	4.841	0.12202	2.52832	59	X
K14Qd5Y	16.8	0.15	K149K	282.655	92.601	359.648	7.721	0.13107	2.72030	59	X
K14Qd7A	18.5	0.15	K149K	341.113	97.193	294.055	1.446	0.19793	2.47145	59	X
K14Qd9S	16.5	0.15	K149K	339.778	203.638	180.625	5.223	0.13773	3.09496	58	X
K14Qe3E	18.1	0.15	K149K	346.654	193.985	190.908	7.440	0.18609	2.26857	58	X
K14Qe9B	18.6	0.15	K149K	9.760	183.024	184.998	3.028	0.24711	2.22809	57	X
K14Qe9G	17.2	0.15	K149K	29.738	309.407	29.837	14.482	0.27374	3.14209	57	X

K14Qf7P	16.5	0.15	K149K	358.255	170.226	197.847	11.009	0.34882	3.94929	56	X
K14Qf7X	18.4	0.15	K149K	341.289	178.377	218.116	4.595	0.26630	2.61913	56	X
K14Qg0B	16.5	0.15	K149K	348.121	16.060	358.941	19.581	0.21874	3.08327	66	X
K14Qg1B	17.3	0.15	K149K	336.329	245.435	159.697	6.954	0.09348	2.42199	56	X
K14Qh2C	16.9	0.15	K149K	6.946	236.227	138.035	1.657	0.29222	3.05453	55	X
K14Qh8V	16.3	0.15	K149K	20.336	320.883	46.568	28.903	0.20698	3.08118	55	X
K14Qi0C	16.4	0.15	K149K	4.054	11.307	1.489	9.533	0.16317	2.80581	58	X
K14R06P	17.0	0.15	K149K	353.872	210.391	177.373	4.081	0.21357	2.59105	54	X
K14R07B	17.2	0.15	K149K	30.253	296.063	40.720	1.779	0.20232	2.42083	53	X
K14R09N	18.4	0.15	K149K	24.087	136.232	204.620	4.710	0.18271	2.25090	53	X
K14R10C	18.4	0.15	K149K	6.019	141.587	210.433	5.096	0.22655	2.41739	53	X
K14R10M	16.5	0.15	K149K	85.921	58.015	203.449	7.795	0.16984	3.01535	53	X
K14R11K	19.0	0.15	K149K	10.328	33.879	316.121	3.007	0.35543	2.34916	52	X
K14R19E	16.5	0.15	K149K	7.047	326.513	32.024	8.009	0.21270	2.83608	48	X
K14R22R	19.3	0.15	K149K	10.618	0.871	344.045	3.886	0.25311	2.31633	42	X
K14R36L	17.8	0.15	K149K	355.414	355.486	6.309	13.217	0.23698	2.40521	43	X
K14R45A	18.1	0.15	K149K	19.691	347.346	358.336	4.955	0.17675	2.36484	41	X
K14R45G	16.1	0.15	K149K	26.155	125.886	217.436	2.751	0.09864	3.00784	41	X
K14R45K	16.9	0.15	K149K	22.390	146.446	198.580	8.802	0.14971	3.07107	41	X
K14R45M	18.5	0.15	K149K	30.173	117.395	204.938	2.461	0.24045	2.25220	41	X
K14R45N	16.6	0.15	K149K	356.324	15.006	6.717	4.326	0.13466	3.14904	41	X
K14R45Q	18.3	0.15	K149K	31.132	9.373	318.025	0.675	0.19820	2.40669	41	X
K14R45R	18.1	0.15	K149K	343.701	36.761	2.329	3.749	0.24771	2.34469	58	X
K14R45T	17.3	0.15	K149K	34.608	319.882	10.414	9.505	0.14823	2.77404	41	X
K14R47P	17.6	0.15	K149K	17.733	339.629	6.350	3.585	0.12397	2.74239	41	X
K14R48B	18.0	0.15	K149K	17.641	307.290	32.318	3.201	0.19037	2.45802	41	X
K14R51C	18.2	0.15	K149K	347.430	206.472	181.163	4.827	0.16049	2.34551	41	X
K14R55U	16.8	0.15	K149K	291.789	91.157	350.745	8.741	0.06431	3.09911	40	X
K14R56K	17.4	0.15	K149K	314.368	236.123	191.138	11.287	0.17735	2.68226	52	X
K14R58J	16.6	0.15	K149K	59.403	264.358	33.610	0.385	0.07699	3.20662	59	X
K14R62B	17.9	0.15	K149K	351.033	189.879	188.255	17.127	0.38814	2.86446	58	X
K14S20Z	16.1	0.15	K149K	15.919	328.196	4.301	10.267	0.18894	3.07682	66	X
K14S33Y	16.5	0.15	K149K	327.509	43.698	3.318	13.820	0.26724	3.20947	66	X
K14S82C	16.1	0.15	K149K	349.566	186.760	185.029	9.481	0.07544	3.16855	59	X
K14S94D	17.1	0.15	K149K	6.567	62.930	287.948	2.229	0.29665	3.96993	57	X
K14S94O	17.0	0.15	K149K	24.009	130.908	202.315	8.593	0.11875	3.03297	53	X
K14S94W	17.9	0.15	K149K	5.470	155.026	199.453	3.691	0.16917	2.61261	37	X
K14S95Z	17.0	0.15	K149K	54.705	345.856	316.441	2.267	0.07155	2.76208	57	X
K14S96P	17.2	0.15	K148V	7.196	15.785	336.093	4.113	0.03943	2.70607	87	X
K14S96U	17.0	0.15	K149K	311.811	58.929	356.756	12.212	0.02786	2.98914	37	X
K14S96W	18.4	0.15	K149K	51.853	323.295	329.929	2.617	0.17956	2.40895	37	X
K14S99W	16.8	0.15	K149K	303.524	77.466	353.728	3.506	0.10379	3.13107	53	X
K14SA7Y	17.2	0.15	K149K	15.184	342.637	3.094	4.232	0.08282	2.77472	37	X
K14SA9B	18.3	0.15	K149K	312.910	95.455	333.098	1.490	0.17763	2.60659	37	X
K14SA9F	18.9	0.15	K149K	341.359	56.562	333.935	1.137	0.18760	2.32156	40	X
K14SA9J	18.9	0.15	K149K	329.170	67.133	338.717	1.586	0.15990	2.40390	40	X
K14SA9X	17.3	0.15	K149K	166.645	301.872	253.684	2.141	0.16467	2.51792	37	X
K14SB0N	18.4	0.15	K149K	332.620	191.534	208.559	3.226	0.13719	2.26202	40	X
K14SB0W	17.5	0.15	K149K	344.340	194.346	189.951	1.651	0.09814	2.75539	40	X
K14SB1O	16.6	0.15	K148V	316.894	8.405	50.927	0.682	0.16048	3.14095	90DX	
K14SB1U	17.7	0.15	K149K	274.173	149.894	320.809	1.378	0.15929	2.66637	37	X
K14SB1X	16.9	0.15	K149K	342.694	194.426	194.001	7.950	0.11101	3.03795	37	X
K14SB1Y	19.2	0.15	K149K	323.529	240.212	176.021	1.779	0.18776	2.29637	37	X
K14SB2E	18.2	0.15	K149K	312.474	206.367	219.699	1.135	0.13274	2.56087	37	X
K14SB2K	17.2	0.15	K149K	267.980	96.503	9.031	3.894	0.05903	2.81570	37	X
K14SB2N	18.7	0.15	K149K	17.711	139.371	197.953	1.687	0.21755	2.62388	37	X
K14SB2O	18.5	0.15	K149K	41.367	117.267	185.957	1.584	0.21506	2.27247	37	X
K14SB3B	18.5	0.15	K149K	318.981	112.735	314.053	0.798	0.21267	2.66467	37	X
K14SB3L	18.9	0.15	K149K	335.980	43.950	355.436	1.436	0.17676	2.35696	37	X
K14SB3T	19.3	0.15	K149K	332.611	182.379	223.271	1.688	0.20441	2.34307	37	X
K14SB3W	17.9	0.15	K149K	6.857	117.609	239.260	1.826	0.15671	2.92452	53	X
K14SB4A	17.6	0.15	K149K	326.820	62.169	349.568	4.516	0.16433	2.70286	37	X
K14SB4F	17.4	0.15	K149K	7.752	46.908	310.605	1.000	0.09165	2.72625	37	X
K14SB4L	18.5	0.15	K149K	33.482	335.972	340.116	2.006	0.20318	2.39447	37	X
K14SB4M	18.2	0.15	K149K	320.304	86.394	336.863	1.775	0.19870	2.39502	37	X
K14SB4S	18.6	0.15	K149K	14.602	138.680	196.705	4.122	0.32311	2.62196	53	X
K14SB5E	16.8	0.15	K149K	62.816	316.251	342.846	1.247	0.06144	3.01729	37	X
K14SB5V	18.4	0.15	K149K	294.103	81.121	4.599	4.022	0.11740	2.36199	37	X
K14SB6J	18.3	0.15	K149K	69.948	86.823	188.352	5.601	0.18859	2.18799	37	X
K14SB6U	19.7	0.15	K149K	8.196	337.864	13.445	1.422	0.27235	2.66639	37	X
K14SB6V	16.9	0.15	K149K	34.917	156.582	173.451	2.042	0.05702	2.91871	37	X
K14SB7B	19.1	0.15	K149K	334.047	36.340	5.546	6.673	0.15870	2.25649	61	X
K14SB7J	15.6	0.15	K149K	43.911	309.211	8.144	9.803	0.09797	3.12567	61	X
K14SB8N	16.8	0.15	K149K	42.971	279.284	37.540	3.276	0.08499	2.98320	59	X
K14SB8U	19.1	0.15	K149K	357.004	331.836	37.372	2.237	0.18240	2.42716	37	X
K14SB8Y	16.6	0.15	K149K	344.142	352.866	37.150	1.092	0.17378	3.14513	37	X
K14SB9E	18.4	0.15	K149K	33.164	285.861	29.532	3.864	0.21605	2.62810	37	X
K14SB9K	16.4	0.15	K149K	352.496	326.807	52.655	1.743	0.16875	3.93148	37	X
K14SB9O	17.3	0.15	K149K	165.065	164.437	37.379	3.633	0.01399	2.63328	61	X
K14SB9P	16.8	0.15	K149K	276.647	78.875	29.594	4.698	0.14770	3.02977	37	X
K14SB9R	17.3	0.15	K149K	24.097	206.843	132.360	1.394	0.07995	2.75525	37	X
K14SB9S	19.1	0.15	K149K	10.035	297.501	51.673	2.196	0.20572	2.35124	37	X
K14SC0C	17.9	0.15	K149K	305.748	52.802	29.086	3.753	0.19388	2.63213	37	X
K14SC1W	17.9	0.15	K149K	339.555	240.127	155.282	1.297	0.18110	3.04782	37	X
K14SC3K	17.9	0.15	K149K	348.171	359.147	20.612	6.941	0.12915	2.43014	37	X
K14SC8T	18.9	0.15	K149K	6.194	147.042	205.264	4.134	0.24048	2.59754	37	X
K14SC9N	16.4	0.15	K149K	196.418	166.949	2.251	6.889	0.04745	3.06824	37	X
K14SD0S	18.5	0.15	K149K	359.702	140.930	222.468	0.939	0.23347	2.71239	37	X
K14SD3P	16.1	0.15	K149K	21.942	303.626	36.520	17.185	0.22100	3.08211	48	X
K14SD3T	17.4	0.15	K148B	352.547	201.057	170.418	10.611	0.28823	2.72221	122	X
K14SD4A	18.3	0.15	K149K	40.119	217.990	95.076	3.264	0.22355	2.34151	37	X
K14SD4U	18.1	0.15	K149K	328.413	314.348	105.237	4.021	0.18472	2.41693	61	X
K14SD4W	16.1	0.15	K149K	49.641	146.157	171.862	11.341	0.11949	3.00738	37	X
K14SD9R	17.5	0.15	K149K	320.095	60.485	5.463	2.798	0.19316	3.10548	36	X
K14SD9U	18.4	0.15	K149K	72.145	280.778	355.806	1.094	0.17059	2.39083	36	X
K14SD9W	18.3	0.15	K149K	293.745	83.460	8.015	4.152	0.15477	2.34869	36	X
K14SD9Y	19.3	0.15	K149K	10.462	151.719	200.906	0.899	0.13979	2.22875	36	X

K14SE0Z	17.4	0.15	K149K	13.297	142.216	199.581	17.339	0.22643	2.62068	41	X
K14SE4W	19.8	0.15	K149K	343.994	355.700	63.958	6.932	0.35563	2.23148	35	X
K14SE7Y	19.2	0.15	K149K	8.373	310.052	48.917	6.662	0.34632	2.57354	56	X
K14SE7Z	17.0	0.15	K149K	71.926	223.900	66.385	6.797	0.18975	2.31776	37	X
K14SE8A	16.0	0.15	K149K	120.290	196.558	63.412	10.166	0.08453	2.83514	37	X
K14SF2T	17.8	0.15	K149K	5.857	83.870	273.423	1.391	0.29707	2.69440	36	X
K14SF2Y	18.0	0.15	K149K	10.219	156.995	191.763	11.161	0.28376	2.40493	58	X
K14SF3G	16.9	0.15	K149K	330.354	211.909	201.260	13.002	0.18824	2.67910	36	X
K14SF3R	18.6	0.15	K149K	0.108	151.704	216.720	4.461	0.24251	2.37990	58	X
K14SF4J	18.7	0.15	K149K	352.379	59.641	324.316	3.463	0.27757	2.42062	58	X
K14SF5A	16.4	0.15	K149K	25.168	139.845	200.563	16.239	0.14938	3.17605	36	X
K14SF5K	18.9	0.15	K149K	354.907	149.904	228.402	1.568	0.23312	2.42420	41	X
K14SF5N	19.1	0.15	K149K	7.489	145.031	211.659	3.342	0.25797	2.44437	36	X
K14SF5Q	17.9	0.15	K149K	348.097	193.063	195.955	8.061	0.24785	2.25837	58	X
K14SF6F	16.6	0.15	K149K	42.273	302.249	14.887	0.831	0.17478	3.14554	36	X
K14SF6H	18.3	0.15	K149K	16.862	331.909	13.633	2.791	0.19811	2.34993	36	X
K14SF6P	18.4	0.15	K149K	339.037	42.606	0.471	2.362	0.19199	2.40791	36	X
K14SF6S	18.0	0.15	K149K	349.760	1.525	25.595	1.615	0.18737	2.41088	36	X
K14SF6X	16.9	0.15	K149K	57.798	80.165	207.168	12.278	0.26310	2.68404	36	X
K14SF6Z	17.9	0.15	K149K	351.522	69.488	315.026	1.214	0.21392	2.42188	41	X
K14SF7C	18.1	0.15	K149K	4.564	359.743	3.176	9.269	0.21429	2.21129	58	X
K14SF7M	17.8	0.15	K149K	347.243	54.241	343.058	3.533	0.28341	2.68085	58	X
K14SF7O	18.1	0.15	K149K	350.879	189.481	196.783	4.918	0.19518	2.43828	36	X
K14SF7X	16.2	0.15	K149K	37.004	319.252	17.150	9.471	0.06696	3.13893	36	X
K14SF7Y	17.5	0.15	K149K	26.860	5.188	337.430	2.371	0.11578	2.64620	36	X
K14SF8B	17.9	0.15	K149K	333.391	43.388	12.885	5.786	0.22381	2.61071	36	X
K14SF8E	16.8	0.15	K149K	332.729	46.396	8.613	15.450	0.17341	2.68590	41	X
K14SF8U	18.5	0.15	K149K	357.923	350.389	27.033	2.964	0.21044	2.38722	36	X
K14SF8W	16.7	0.15	K149K	350.241	194.440	198.070	12.479	0.10843	3.11217	40	X
K14SF8Z	16.4	0.15	K149K	9.003	288.603	78.883	3.018	0.09525	3.12682	36	X
K14SF9V	19.2	0.15	K149K	19.590	314.671	29.296	4.626	0.19618	2.22628	36	X
K14SF9X	16.8	0.15	K149K	27.366	271.145	65.433	2.827	0.21349	3.08692	41	X
K14SG0G	17.7	0.15	K149K	336.064	25.194	19.467	8.031	0.12279	2.38054	61	X
K14SG1E	16.4	0.15	K149K	29.778	141.215	199.976	5.135	0.09448	3.16898	36	X
K14SG1J	17.9	0.15	K149K	341.698	33.469	7.190	4.026	0.21991	2.30508	36	X
K14SG1K	17.4	0.15	K149K	7.628	10.393	357.139	2.781	0.13106	2.67271	36	X
K14SG3Q	18.9	0.15	K149K	349.623	238.744	145.180	2.075	0.20971	2.25190	61	X
K14SG4F	18.4	0.15	K149K	25.484	298.428	35.352	5.808	0.17523	2.27075	61	X
K14SG4V	18.6	0.15	K149K	17.411	250.552	89.633	1.310	0.25141	2.26239	59	X
K14SG5C	18.8	0.15	K149K	21.525	201.055	140.750	2.766	0.20191	2.46663	36	X
K14SG5D	18.2	0.15	K149K	29.532	220.072	110.653	2.418	0.19815	2.42386	36	X
K14SG5F	19.1	0.15	K149K	0.341	211.449	159.960	3.792	0.26183	2.38189	61	X
K14SG5M	16.8	0.15	K149K	338.237	28.398	12.645	16.571	0.18425	3.14575	36	X
K14SH6L	17.0	0.15	K149K	357.587	325.928	37.174	5.506	0.26100	3.15135	66	X
K14SH7F	17.0	0.15	K149K	331.442	27.070	9.705	14.724	0.13288	2.44393	66	X
K14SH7P	18.1	0.15	K149K	22.153	244.373	81.424	2.897	0.20467	2.27242	58	X
K14SH9X	17.2	0.15	K149K	280.775	44.745	48.548	4.113	0.10675	2.64476	35	X
K14SK6M	18.0	0.15	K149K	352.537	341.694	63.039	5.272	0.14016	2.44996	55	X
K14SK6N	17.8	0.15	K149K	335.524	308.707	118.797	3.373	0.15957	2.38328	35	X
K14SK6T	16.2	0.15	K149K	6.478	202.436	191.079	7.455	0.11123	3.08930	55	X
K14SK6U	18.3	0.15	K149K	49.605	158.124	171.844	4.595	0.15186	2.22441	35	X
K14SK6W	18.1	0.15	K149K	10.950	297.309	76.565	4.777	0.25454	2.57545	55	X
K14SK7B	16.2	0.15	K149K	12.684	311.023	62.468	6.653	0.23273	2.59705	34	X
K14SK7D	17.2	0.15	K149K	19.552	286.389	83.672	6.009	0.17697	2.79203	35	X
K14SK7E	16.9	0.15	K149K	336.335	232.600	196.595	8.367	0.12441	2.62016	35	X
K14SK7G	16.3	0.15	K149K	137.857	60.054	198.518	8.829	0.08929	2.57252	55	X
K14SK7H	17.3	0.15	K149K	37.481	240.526	97.504	4.197	0.24135	2.58882	35	X
K14SK7L	17.0	0.15	K149K	7.127	287.345	96.775	4.768	0.20215	2.56746	35	X
K14SK7S	16.7	0.15	K149K	355.210	255.565	152.266	4.993	0.16763	3.02361	55	X
K14SK7Y	18.2	0.15	K149K	11.758	289.501	83.410	6.236	0.21452	2.24796	55	X
K14SK8O	17.0	0.15	K149K	3.193	330.043	62.633	14.676	0.13309	2.58991	55	X
K14SLOH	16.3	0.15	K149K	27.920	297.358	64.370	14.996	0.15362	2.60565	51	X
K14SL1M	16.2	0.15	K149K	25.887	306.801	59.256	28.115	0.18844	3.19852	35	X
K14SM2M	17.0	0.15	K149K	43.824	344.397	332.200	3.048	0.16060	2.61415	41	X
K14SM2O	16.8	0.15	K149K	32.482	118.028	197.587	12.400	0.21451	2.71637	55	X
K14SM2P	18.0	0.15	K149K	343.186	36.205	359.530	3.363	0.17043	2.46000	33	X
K14SM2R	17.0	0.15	K149K	250.274	291.863	198.504	6.257	0.05338	2.37030	41	X
K14SM2S	15.9	0.15	K149K	329.645	203.038	210.466	16.923	0.19823	3.16928	33	X
K14SM2Y	16.7	0.15	K149K	14.375	332.577	26.442	10.422	0.13792	2.80530	41	X
K14SM5W	16.8	0.15	K149K	350.340	110.963	259.897	1.129	0.06635	2.80441	61	X
K14SM7J	16.8	0.15	K149K	8.421	265.874	98.358	6.787	0.13193	2.25605	64	X
K14SM9N	17.3	0.15	K149K	334.484	213.438	188.853	4.738	0.09716	2.39879	41	X
K14SM9Q	16.0	0.15	K149K	271.102	268.220	200.675	7.558	0.03522	3.13490	36	X
K14SM9V	18.4	0.15	K149K	357.309	15.115	1.417	3.493	0.15803	2.58838	36	X
K14SM9W	15.8	0.15	K149K	21.078	336.489	16.192	10.300	0.04893	3.09714	36	X
K14SM9Z	17.0	0.15	K149K	12.873	307.445	52.251	4.787	0.11619	2.64269	36	X
K14SN0T	17.1	0.15	K149K	336.420	32.181	14.217	8.099	0.18728	2.79192	48	X
K14SN0W	17.7	0.15	K149K	352.112	358.804	24.392	3.927	0.16831	2.58797	36	X
K14SN1O	16.9	0.15	K149K	7.278	337.596	23.781	11.042	0.22874	3.01732	36	X
K14SN1P	17.3	0.15	K149K	16.988	304.037	47.703	4.725	0.11214	2.76955	36	X
K14SN2O	17.4	0.15	K149K	7.668	177.874	184.263	10.833	0.21237	2.98576	36	X
K14SN2S	18.6	0.15	K149K	14.403	319.973	28.196	5.474	0.20875	2.25357	59	X
K14SN3C	16.9	0.15	K149K	338.731	22.640	26.061	14.974	0.21889	3.03189	68	X
K14SN4A	16.9	0.15	K149K	10.052	324.673	32.693	8.568	0.17721	2.64639	36	X
K14SN4C	18.4	0.15	K149K	348.246	330.898	57.231	3.316	0.16776	2.27209	59	X
K14SN8A	17.3	0.15	K149K	357.318	180.302	196.939	14.346	0.21975	2.86760	41	X
K14SO0M	16.2	0.15	K149K	14.025	307.285	28.080	10.491	0.23312	3.14403	33	X
K14SP3U	17.0	0.15	K149K	2.138	152.691	207.948	12.981	0.24063	2.71384	53	X
K14SP7C	16.8	0.15	K149K	341.730	197.954	208.558	4.308	0.09306	2.78907	32	X
K14SP7K	16.9	0.15	K149K	325.978	13.664	40.300	4.244	0.09044	2.69855	32	X
K14SP7T	17.0	0.15	K149K	24.425	253.893	90.401	3.326	0.11526	2.83691	32	X
K14SP7V	18.4	0.15	K149K	7.516	319.779	37.447	6.497	0.27302	2.58790	36	X
K14SP8E	17.6	0.15	K149K	358.926	294.214	80.090	3.076	0.19249	2.37749	61	X
K14SP8J	17.1	0.15	K149K	343.178	233.631	165.014	5.356	0.16022	2.71864	61	X
K14SQ0X	16.8	0.15	K14AA	334.803	69.717	359.804	29.576	0.28900	2.58630	30	X
K14SQ1G	17.6	0.15	K149K	357.886	307.282	64.512	3.495	0.25410	2.41760	61	X
K14SQ2G	18.8	0.15	K14AA	342.799	316.021	112.396	3.717	0.34613	2.41114	32	X

K14SQ2K	18.3	0.15	K149K	34.977	133.246	192.416	22.381	0.02329	1.87243	41	X
K14SQ2O	21.0	0.15	K149K	355.502	195.515	177.485	7.123	0.36207	2.33589	37	S
K14SQ3B	15.3	0.15	K149K	322.629	217.416	216.402	25.193	0.20763	3.17720	35	X
K14SQ3M	17.1	0.15	K149K	350.167	341.956	43.240	12.524	0.24314	2.64546	41	X
K14SQ3O	16.2	0.15	K149K	17.820	301.229	46.781	15.418	0.14171	2.60851	32	X
K14SQ3P	18.0	0.15	K149K	18.289	136.787	197.019	8.507	0.24921	2.34210	41	X
K14SQ4G	18.2	0.15	K149K	2.788	347.320	18.266	1.350	0.24240	2.34531	58DX	
K14SQ4J	17.5	0.15	K149K	245.052	143.889	356.358	4.605	0.10158	2.34659	36	X
K14SQ4K	16.7	0.15	K148B	9.294	341.185	6.386	17.314	0.21423	2.79378	120	X
K14SQ4L	17.2	0.15	K149K	1.892	151.555	222.087	5.752	0.01114	2.26358	36	X
K14SQ5A	16.8	0.15	K149K	349.617	6.429	18.611	15.414	0.25430	3.20878	53	X
K14SQ5K	17.3	0.15	K149K	5.183	171.002	188.594	17.482	0.27748	2.77452	36	X
K14SQ5Q	16.2	0.15	K149K	30.080	147.686	188.772	10.690	0.14105	3.09407	36	X
K14SQ7C	16.1	0.15	K149K	20.224	120.707	215.750	14.811	0.26312	3.16788	56	X
K14SR8H	17.8	0.15	K149K	336.641	121.698	281.352	4.592	0.18791	2.35002	31	X
K14SR8Q	16.2	0.15	K149K	354.563	28.520	349.210	15.083	0.16111	3.05158	34	X
K14SR9B	17.4	0.15	K149K	354.211	193.984	191.884	13.998	0.25444	2.68563	58	X
K14SR9E	15.9	0.15	K149K	300.458	57.399	32.330	10.516	0.07921	3.13963	41	X
K14SR9H	17.8	0.15	K149K	26.517	214.203	124.460	2.255	0.18200	2.44160	33	X
K14SR9J	18.6	0.15	K149K	8.775	315.053	46.132	3.182	0.21128	2.33198	33	X
K14SR9M	18.6	0.15	K149K	3.379	196.840	171.389	4.640	0.30842	2.63433	53	X
K14SR9O	16.9	0.15	K149K	28.240	304.610	44.446	6.978	0.07285	2.81462	33	X
K14SR9S	18.3	0.15	K149K	0.420	203.962	173.325	5.454	0.19914	2.53431	53	X
K14SS0A	17.5	0.15	K149K	341.807	338.606	60.968	4.164	0.12501	2.41702	33	X
K14SS0E	17.9	0.15	K149K	28.166	235.953	98.134	2.476	0.20196	2.41580	33	X
K14SS0J	16.6	0.15	K149K	57.096	267.163	40.506	11.675	0.14933	2.90565	33	X
K14SS0Z	17.6	0.15	K149K	344.409	329.588	70.573	3.950	0.18288	2.42967	33	X
K14SS1A	18.3	0.15	K149K	8.970	298.582	65.783	3.813	0.14469	2.21986	32	X
K14SS1F	17.5	0.15	K149K	13.380	325.318	31.252	15.004	0.25011	2.67718	48	X
K14SS1L	17.3	0.15	K149K	29.589	164.455	173.271	5.263	0.18436	2.38443	33	X
K14SS1Q	16.5	0.15	K149K	84.026	199.492	84.328	3.921	0.15833	2.71617	33	X
K14SS1R	16.7	0.15	K149K	16.367	283.118	80.032	4.577	0.14954	3.07125	33	X
K14SS1T	18.0	0.15	K149K	30.326	179.246	161.075	4.168	0.14998	2.26050	53	X
K14SS1U	17.1	0.15	K149K	326.524	267.684	171.799	5.543	0.24760	3.04691	33	X
K14SS1V	16.7	0.15	K149K	18.237	314.812	46.815	10.452	0.14386	3.08057	33	X
K14SS2C	18.2	0.15	K149K	344.060	352.678	51.984	7.502	0.17528	2.32214	56	X
K14SS2F	17.1	0.15	K149K	8.736	271.296	101.265	4.259	0.08302	2.75854	33	X
K14SS2P	17.2	0.15	K149K	28.041	261.900	70.518	5.538	0.29000	3.06942	33	X
K14SS2Q	18.7	0.15	K149K	336.481	339.504	69.547	4.604	0.11647	2.22189	33	X
K14SS2U	18.0	0.15	K149K	23.122	221.606	119.882	3.446	0.24051	2.40413	33	X
K14SS2Z	17.2	0.15	K149K	12.095	242.988	125.226	4.938	0.18646	3.14680	33	X
K14SS3A	16.6	0.15	K149K	23.401	290.422	70.969	6.865	0.03978	2.79333	33	X
K14SS3G	16.5	0.15	K149K	37.861	288.881	45.504	18.955	0.17926	3.07702	33	X
K14SS3S	17.0	0.15	K149K	4.308	2.811	3.232	10.059	0.16972	2.61922	32	X
K14SS5G	16.1	0.15	K149K	357.491	168.122	199.665	28.477	0.17979	3.21008	42	X
K14SS5V	17.9	0.15	K149K	355.356	13.316	10.486	6.612	0.27433	2.63156	53	X
K14SS5X	17.9	0.15	K149K	5.774	159.393	202.489	2.844	0.33276	2.62359	58DX	
K14SS5Y	16.6	0.15	K149K	350.617	11.339	20.912	12.616	0.14097	2.74598	53	X
K14SS6J	15.4	0.15	K149K	181.426	173.789	29.120	11.861	0.03774	3.11887	32	X
K14SS6N	17.3	0.15	K149K	16.570	138.751	198.152	13.059	0.27634	2.69709	32	X
K14SS7A	17.9	0.15	K149K	42.785	295.868	18.707	3.103	0.18115	2.43426	31	X
K14SS7J	17.4	0.15	K148B	22.865	301.869	18.418	4.838	0.30524	2.59833	120	X
K14SS7K	16.0	0.15	K149K	16.478	336.057	23.408	11.648	0.15968	3.05966	53	X
K14SS7L	18.1	0.15	K149K	5.661	342.759	23.289	5.561	0.24215	2.39944	32	X
K14SS7M	16.8	0.15	K149K	330.550	227.489	199.241	11.474	0.24228	2.80190	53	X
K14SS7U	16.3	0.15	K149K	351.947	2.274	21.509	10.899	0.21009	3.16971	30	X
K14SS8C	16.7	0.15	K149K	32.474	161.512	170.506	6.781	0.11161	2.56085	36	X
K14SS8H	17.9	0.15	K149K	30.719	283.989	39.169	5.719	0.20618	2.25074	48	X
K14SS9N	16.7	0.15	K149K	319.242	80.955	359.381	10.048	0.23696	3.09170	36	X
K14ST2E	17.0	0.15	K149K	336.235	42.894	8.805	11.742	0.17787	2.62556	53	X
K14ST2L	18.4	0.15	K14AA	23.871	344.336	10.189	3.293	0.23497	2.37564	31	X
K14ST2R	17.6	0.15	K14AA	5.285	4.950	18.753	8.923	0.17589	2.65846	31	X
K14ST2S	18.2	0.15	K14AA	23.402	141.824	212.319	12.424	0.29987	2.68701	31	X
K14ST2T	18.0	0.15	K14AA	21.358	142.066	211.088	3.570	0.33252	2.58634	31	X
K14ST3C	16.0	0.15	K149K	80.522	83.179	218.613	13.973	0.15031	2.86155	53	X
K14ST6P	16.1	0.15	K14AA	272.328	127.972	358.740	13.933	0.13618	2.60911	30	X
K14ST8B	18.0	0.15	K14AA	18.375	101.948	254.925	3.190	0.22229	2.38296	30	X
K14ST8J	17.2	0.15	K14AA	279.661	232.696	245.282	6.833	0.07660	2.42564	30	X
K14ST8O	17.7	0.15	K14AA	350.836	50.955	349.960	6.453	0.16288	2.40888	30	X
K14ST9P	18.3	0.15	K14AA	5.939	58.042	321.420	3.022	0.26485	2.58096	30	X
K14SU0L	16.7	0.15	K14AA	5.323	10.010	13.890	10.835	0.13769	3.05955	30	X
K14SU0P	18.8	0.15	K14AA	2.072	22.695	1.122	5.006	0.26023	2.38508	30	X
K14SU0R	15.7	0.15	K14AA	72.144	279.265	21.351	16.097	0.17966	3.17456	30	X
K14SU0S	17.8	0.15	K14AA	319.919	75.278	3.666	6.070	0.10413	2.42868	30	X
K14SU0W	16.8	0.15	K14AA	234.302	140.257	19.491	14.903	0.02521	2.46111	30	X
K14SU4P	18.3	0.15	K149K	358.619	0.839	12.626	13.467	0.29341	2.64383	59	X
K14SU4Q	16.4	0.15	K149K	51.014	283.238	19.634	4.780	0.26017	3.12498	40	X
K14SU5F	18.3	0.15	K149K	8.657	142.790	215.171	5.293	0.18073	2.36631	36	X
K14SU5K	18.8	0.15	K149K	343.534	42.914	355.498	2.073	0.23737	2.40353	36DX	
K14SU7C	17.7	0.15	K14AA	5.753	357.141	29.533	11.161	0.18916	2.58000	31	X
K14SU7M	15.5	0.15	K14AA	138.027	219.099	36.820	14.790	0.10084	3.22471	31	X
K14SU7W	18.0	0.15	K14AA	357.644	15.668	20.964	4.971	0.15527	2.34251	31	X
K14SU7X	17.8	0.15	K148B	341.980	8.210	23.601	5.136	0.24053	2.24905	120	X
K14SU8K	18.4	0.15	K14AA	357.689	17.819	18.399	4.211	0.26861	2.54164	31	X
K14SU8Y	17.8	0.15	K14AA	32.116	314.092	33.887	7.717	0.20427	2.24001	31	X
K14SU9D	17.6	0.15	K149K	353.774	192.370	206.853	6.114	0.22099	2.55751	57	X
K14SU9G	16.4	0.15	K149K	25.724	328.452	28.448	5.393	0.17433	2.73663	57	X
K14SU9K	18.1	0.15	K14AA	352.609	21.976	28.278	7.020	0.32589	2.60599	31	X
K14SU9L	16.4	0.15	K14AA	49.067	123.670	217.817	16.509	0.11967	3.21109	31	X
K14SU9Q	15.8	0.15	K14AA	344.068	21.497	36.276	16.581	0.06289	3.03860	31	X
K14SU9T	17.0	0.15	K14AA	332.646	218.373	211.318	13.651	0.07719	2.64247	31	X
K14SV0C	16.6	0.15	K14AA	99.074	67.884	225.131	13.367	0.11359	2.57135	31	X
K14SV0M	17.8	0.15	K14AA	1.386	7.088	29.739	2.607	0.20427	2.40027	31	X
K14SV0N	18.5	0.15	K14AA	18.478	159.584	213.078	4.559	0.16145	2.20527	31	X
K14SV0S	16.7	0.15	K14AA	343.019	207.850	219.363	7.417	0.20609	2.76102	31	X
K14SV1D	16.8	0.15	K149K	19.763	131.752	209.622	12.942	0.25858	2.58407	35	X
K14SV1L	16.9	0.15	K149K	21.160	341.663	7.014	14.622	0.17795	2.67598	55	X

K14SV1Q	17.0	0.15	K14AA	53.040	256.078	45.850	2.772	0.17156	2.40182	30	X
K14SV1T	17.9	0.15	K149K	23.140	323.655	12.610	6.085	0.13968	2.24664	41	DX
K14SV1Y	17.3	0.15	K14AA	345.901	201.141	191.438	13.428	0.16335	2.57561	30	X
K14SV2F	17.8	0.15	K14AA	18.926	18.568	336.064	1.399	0.20674	2.39999	30	X
K14SV2H	18.5	0.15	K149K	24.921	103.765	229.692	2.175	0.19248	2.24702	41	X
K14SV2K	16.6	0.15	K149K	24.787	312.577	16.510	14.618	0.28952	3.18101	61	X
K14SV2N	15.7	0.15	K14AA	33.102	147.848	190.865	9.290	0.10865	3.13569	30	X
K14SV2R	17.0	0.15	K14AA	11.066	310.593	56.609	1.862	0.17501	3.09183	29	X
K14SV3B	16.8	0.15	K149K	22.297	280.572	64.897	3.014	0.20446	3.05735	41	X
K14SV3O	16.5	0.15	K149K	73.760	211.139	78.437	2.990	0.14552	3.07698	36	X
K14SV3U	19.6	0.15	K14AA	1.882	329.088	49.063	3.919	0.27964	2.32894	29	X
K14SV3X	18.9	0.15	K14AA	24.711	198.042	144.923	2.799	0.23293	2.34051	29	X
K14SV4F	17.3	0.15	K14AA	51.988	171.246	140.107	4.161	0.21176	2.66936	29	X
K14SV4Q	17.1	0.15	K149K	13.804	192.505	168.330	4.664	0.17622	2.60408	41	X
K14SV4R	17.1	0.15	K14AA	37.468	224.806	111.074	2.986	0.18178	2.94088	29	X
K14SV4U	17.9	0.15	K14AA	7.226	203.997	174.284	5.278	0.14528	2.67699	29	X
K14SV5B	18.3	0.15	K14AA	8.375	284.845	89.519	3.349	0.22492	2.67368	29	X
K14SV5E	17.0	0.15	K14AA	38.502	248.639	96.245	4.573	0.09949	2.80431	29	X
K14SV5F	17.5	0.15	K14AA	30.950	229.840	122.425	3.617	0.11357	2.62400	29	X
K14SV5K	17.7	0.15	K149K	316.107	343.249	100.176	3.554	0.16763	2.43574	53	X
K14SV5T	17.9	0.15	K14AA	354.444	315.479	79.009	3.690	0.18336	2.44823	29	X
K14SV5U	17.8	0.15	K149K	33.249	288.230	39.975	13.125	0.23054	2.62749	56	X
K14SV5W	18.6	0.15	K14AA	19.723	309.264	50.840	6.422	0.13955	2.24549	29	X
K14SV5Y	17.3	0.15	K14AA	30.947	220.028	132.936	4.543	0.08107	2.77216	29	X
K14SV5Z	16.5	0.15	K14AA	45.270	275.993	42.750	16.473	0.24694	3.17299	29	X
K14SV6D	17.1	0.15	K14AA	335.625	347.774	72.066	6.098	0.11739	2.73275	29	X
K14SV6L	15.8	0.15	K14AA	62.618	255.983	64.704	10.491	0.08785	3.11121	29	X
K14SV6M	17.0	0.15	K14AA	18.668	261.915	104.591	5.650	0.13558	2.74550	29	X
K14SV7F	17.6	0.15	K149K	16.032	269.300	74.451	6.466	0.21939	2.60824	66	X
K14SV7M	18.2	0.15	K149K	26.941	321.226	19.370	6.866	0.11222	2.24740	36	X
K14SV7P	15.9	0.15	K149K	296.765	74.153	19.951	26.974	0.13330	3.15506	36	X
K14SV7S	16.5	0.15	K14AA	86.779	254.851	19.604	11.537	0.16783	2.63229	26	X
K14SV7W	16.4	0.15	K149K	0.964	349.611	23.721	11.076	0.21482	3.17458	32	X
K14SV8B	16.2	0.15	K149K	332.242	222.440	192.353	4.674	0.14553	3.18274	32	X
K14SV8Z	17.8	0.15	K14AA	318.578	285.836	157.168	2.849	0.19569	2.57273	26	X
K14SV9A	15.5	0.15	K149K	330.849	24.770	31.241	15.422	0.09040	3.25892	41	X
K14SV9B	16.2	0.15	K14AA	47.718	124.389	196.339	26.873	0.17334	3.04616	26	X
K14SV9R	17.9	0.15	K14AA	24.574	170.237	176.313	1.307	0.18978	2.44053	26	X
K14SV9S	16.7	0.15	K14AA	106.151	66.578	206.421	4.711	0.05527	3.05899	26	X
K14SV9Z	17.8	0.15	K149K	355.319	27.086	356.132	2.146	0.16372	2.42693	54	X
K14SWOB	19.1	0.15	K149K	20.977	141.918	198.357	2.888	0.22337	2.17149	53	X
K14SWOC	17.2	0.15	K149K	23.658	358.658	353.118	1.648	0.09486	2.73667	32	X
K14SWOH	17.8	0.15	K149K	16.494	145.389	200.917	13.560	0.28272	2.68696	52	X
K14SWOL	17.2	0.15	K149K	31.664	324.162	16.874	4.127	0.10966	2.64739	32	X
K14SWON	17.7	0.15	K149K	49.877	302.013	11.295	1.252	0.16810	2.59230	32	X
K14SWOO	19.6	0.15	K14AA	359.331	171.963	210.805	4.154	0.20628	2.16590	26	X
K14SWOW	17.4	0.15	K149K	359.727	1.413	16.318	14.454	0.15933	2.60196	53	X
K14SW5S	16.2	0.15	K14AA	53.323	105.410	214.361	25.453	0.18637	3.14011	29	X
K14SW6A	16.4	0.15	K149K	5.698	343.758	27.559	23.009	0.19326	3.19980	41	X
K14SW6B	17.0	0.15	K14AA	21.149	172.882	184.927	7.753	0.13880	3.02729	29	X
K14SW6F	16.5	0.15	K14AA	38.833	141.809	194.626	12.921	0.15147	3.14215	29	X
K14SW6O	17.9	0.15	K14AA	22.356	268.224	86.500	3.293	0.15799	2.61773	29	X
K14SW7T	17.3	0.15	K149K	325.779	26.594	43.547	13.219	0.13898	2.65386	53	X
K14SW7U	17.5	0.15	K149K	359.953	309.213	74.121	5.055	0.21458	2.68344	53	X
K14SW7Y	16.9	0.15	K14AA	51.194	271.956	44.155	14.569	0.20500	3.11163	29	X
K14SW8B	16.3	0.15	K14AA	320.187	23.245	56.400	10.039	0.11877	3.07150	29	X
K14SW8F	17.7	0.15	K14AA	41.669	210.666	119.803	4.606	0.19941	2.73903	29	X
K14SW9C	15.6	0.15	K14AA	320.934	71.053	8.387	11.216	0.08723	3.10354	30	X
K14SW9G	17.3	0.15	K14AA	356.266	146.991	243.533	4.575	0.20801	3.00272	31	X
K14SXOE	16.1	0.15	K14AA	33.743	96.018	260.309	4.964	0.01580	2.78431	26	X
K14SXOG	18.0	0.15	K14AA	350.588	45.904	355.145	5.537	0.10289	3.34688	30	X
K14SXOH	16.3	0.15	K14AA	63.138	311.231	10.705	9.181	0.07612	2.07411	26	X
K14SXOJ	17.7	0.15	K14AA	37.503	312.245	15.365	13.438	0.27362	2.65590	26	X
K14SXOR	16.1	0.15	K14AA	344.450	39.510	15.977	11.773	0.23151	3.16204	31	X
K14SXOU	16.4	0.15	K14AA	0.383	175.018	215.565	21.488	0.03425	2.60383	30	X
K14SXOV	15.5	0.15	K14AA	80.834	265.214	21.972	15.771	0.22506	3.11715	26	X
K14SX3C	16.3	0.15	K149K	278.218	91.317	16.983	14.550	0.10646	2.76973	59	X
K14SX3J	18.9	0.15	K149K	359.723	19.805	350.958	1.353	0.21424	2.41354	36	X
K14SX3L	18.2	0.15	K149K	2.619	350.265	16.146	5.176	0.14384	2.16974	67	X
K14SX4A	16.1	0.15	K14AA	34.953	122.176	215.921	5.726	0.16809	3.12644	26	X
K14SX4E	18.1	0.15	K14AA	349.058	184.420	214.505	8.722	0.19173	2.71396	26	X
K14SX6B	17.1	0.15	K149K	90.630	103.087	176.820	4.884	0.10300	2.61143	41	X
K14SX6C	17.6	0.15	K14AA	350.835	254.123	147.107	2.479	0.23072	3.01416	25	X
K14SX6E	17.7	0.15	K14AA	36.487	149.358	185.892	8.247	0.17716	2.56514	25	X
K14SX6J	18.5	0.15	K14AA	56.218	123.573	180.894	7.794	0.20318	2.19729	25	X
K14SX6T	18.2	0.15	K14AA	311.997	300.800	145.095	3.300	0.13722	2.34749	25	X
K14SX7O	17.8	0.15	K14AA	354.720	285.062	110.500	2.425	0.17591	2.41589	25	X
K14SX7R	17.9	0.15	K14AA	45.120	231.714	89.890	3.198	0.22270	2.36896	25	X
K14SX7W	17.2	0.15	K14AA	62.032	240.652	71.154	6.019	0.16026	2.78719	25	X
K14SX7Z	18.5	0.15	K14AA	36.180	170.293	169.304	5.425	0.15951	2.13572	25	X
K14SX8A	18.1	0.15	K14AA	329.964	20.271	59.976	6.089	0.25995	2.61668	25	X
K14SX8M	17.5	0.15	K149K	32.758	248.593	82.571	3.661	0.20046	2.42938	33	X
K14SX8N	18.3	0.15	K14AA	47.625	237.199	87.873	3.368	0.14483	2.30053	25	X
K14SX8O	18.4	0.15	K14AA	345.395	358.098	50.764	6.222	0.22102	2.38033	25	X
K14SX8P	18.5	0.15	K14AA	16.254	250.698	109.876	3.638	0.21094	2.43477	25	X
K14SY1D	18.1	0.15	K149K	12.488	151.810	200.102	22.274	0.12790	1.97549	49	X
K14SY1R	15.6	0.15	K149K	185.098	340.643	210.234	10.314	0.02509	3.13662	41	X
K14SY3B	19.7	0.15	K14AA	26.043	125.204	210.196	3.217	0.26149	2.28533	26	X
K14SY3D	18.9	0.15	K149K	12.709	66.037	281.589	0.572	0.24685	2.14066	41	X
K14SY5B	16.7	0.15	K14AA	292.600	98.467	5.253	3.525	0.10713	2.68570	26	X
K14SY5C	17.6	0.15	K14AA	61.076	296.678	9.957	5.692	0.15123	2.55722	26	X
K14SY6Q	16.7	0.15	K14AA	307.845	236.256	210.730	10.910	0.13655	3.07449	25	X
K14SY6S	17.0	0.15	K14AA	31.143	124.888	204.970	17.481	0.25091	3.13261	24	X
K14SY7K	17.2	0.15	K14AA	27.588	155.879	189.750	10.694	0.19317	3.12643	24	X
K14SY7L	18.2	0.15	K14AA	42.554	147.290	177.628	5.233	0.18632	2.27267	24	X
K14SY7M	16.7	0.15	K14AA	22.458	179.531	179.513	5.664	0.11768	3.22461	25	X
K14SY7N	17.1	0.15	K14AA	39.913	170.480	175.869	6.560	0.01157	2.77673	25	X

K14SY7Y	18.1	0.15	K14AA	1.440	294.658	87.211	3.663	0.20400	2.45060	25	X
K14T00E	19.8	0.15	K14AA	18.879	326.975	27.380	25.199	0.11545	1.84965	31	X
K14T01R	18.5	0.15	K149K	2.553	355.030	17.280	2.337	0.19271	2.41086	53	X
K14T01U	16.7	0.15	K149K	20.129	350.413	5.203	1.022	0.13964	3.15046	32	X
K14T01W	18.5	0.15	K149K	10.592	2.116	358.260	0.920	0.20614	2.39032	53	X
K14T01X	17.5	0.15	K149K	2.522	174.373	201.647	8.639	0.25019	3.14387	53	X
K14T02C	17.3	0.15	K149K	56.387	290.014	30.568	6.566	0.05450	2.66814	32	X
K14T02F	17.9	0.15	K149K	349.178	203.197	193.767	2.753	0.31342	2.59939	54	X
K14T02H	15.8	0.15	K149K	184.818	355.628	206.499	26.975	0.07973	3.11420	32	X
K14T03B	18.1	0.15	K149K	34.328	301.512	27.104	4.937	0.17358	2.28875	53	X
K14T03D	16.9	0.15	K149K	332.716	243.865	175.298	1.143	0.16815	3.10160	32	X
K14T03G	19.0	0.15	K149K	17.146	321.611	25.449	5.777	0.21385	2.18282	53	X
K14T03J	18.5	0.15	K149K	41.616	149.521	167.170	0.760	0.20518	2.31656	32	X
K14T03L	17.1	0.15	K14AA	18.027	315.300	46.755	1.455	0.14773	3.14853	24	X
K14T03O	18.9	0.15	K149K	333.687	23.310	27.646	5.576	0.14259	2.19820	32	X
K14T03P	17.7	0.15	K14AA	287.476	72.775	42.110	3.037	0.14571	2.43281	24	X
K14T03T	16.2	0.15	K149K	15.735	331.245	35.380	4.408	0.04455	3.15293	32	X
K14T03X	18.0	0.15	K14AA	54.782	139.218	174.519	2.432	0.16117	2.34704	24	X
K14T03Y	18.6	0.15	K149K	10.004	325.686	35.267	2.695	0.18417	2.22976	32	X
K14T04C	17.2	0.15	K149K	358.836	352.061	28.405	12.300	0.19085	2.60076	41	X
K14T04M	18.0	0.15	K149K	17.351	166.469	176.445	5.346	0.20739	2.23486	58	X
K14T04V	19.7	0.15	K14AA	3.291	352.272	26.295	3.827	0.26944	2.32918	24	X
K14T04W	17.8	0.15	K149K	26.642	314.935	30.085	7.426	0.14178	2.43441	32	X
K14T04X	16.8	0.15	K149K	348.462	197.733	203.008	1.181	0.19003	3.11102	32	X
K14T05C	16.8	0.15	K149K	27.837	315.662	30.263	7.161	0.13848	2.65314	53	X
K14T05D	16.2	0.15	K149K	344.214	11.437	32.983	11.846	0.11875	3.02905	32	X
K14T05E	17.3	0.15	K14AA	354.364	7.082	28.395	12.336	0.18297	2.58186	24	X
K14T05G	17.5	0.15	K149K	16.297	321.280	33.701	1.842	0.19178	2.40735	53	X
K14T05P	16.9	0.15	K14AA	343.682	353.424	57.379	2.781	0.10514	2.95455	24	X
K14T05S	18.1	0.15	K149K	33.872	145.091	187.687	2.210	0.19294	2.41541	32	X
K14T05V	18.1	0.15	K149K	4.173	178.012	198.686	9.715	0.11456	2.33708	53	X
K14T05Y	17.9	0.15	K149K	23.084	172.007	174.713	1.981	0.19651	2.39080	53	X
K14T06A	17.0	0.15	K149K	7.495	286.240	90.218	2.255	0.10033	2.67045	53	X
K14T06E	15.7	0.15	K14AA	57.626	124.163	201.944	9.448	0.09695	3.11847	24	X
K14T06J	17.7	0.15	K149K	340.525	219.826	200.329	13.481	0.28188	3.04710	32	X
K14T06M	17.1	0.15	K149K	344.673	210.288	193.491	8.590	0.21178	2.73968	54	X
K14T06N	17.4	0.15	K14AA	57.465	280.787	32.555	11.160	0.15324	2.60561	24	X
K14T06O	15.7	0.15	K149K	34.004	306.145	30.929	16.665	0.16418	3.12766	53	X
K14T06P	17.9	0.15	K14AA	330.422	25.127	36.860	6.260	0.10062	2.26692	25	X
K14T06Q	16.7	0.15	K149K	317.051	261.082	193.695	7.382	0.28854	3.02091	53	X
K14T06S	17.1	0.15	K14AA	356.902	215.563	176.211	3.792	0.10048	2.77228	24	X
K14T06T	17.1	0.15	K14AA	41.987	150.164	182.455	2.943	0.15740	2.92946	24	X
K14T06U	18.5	0.15	K149K	336.008	22.741	32.380	7.955	0.23807	2.27184	53	X
K14T06Y	16.4	0.15	K149K	7.608	339.829	36.667	10.485	0.08711	3.07161	32	X
K14T07H	18.0	0.15	K149K	344.313	220.626	194.827	10.660	0.37707	2.96765	32	X
K14T07J	16.9	0.15	K14AA	16.557	184.863	187.618	5.875	0.04355	2.72446	24	X
K14T07L	18.8	0.15	K14AA	29.408	239.510	92.094	2.054	0.32361	2.60411	24	X
K14T07M	17.3	0.15	K149K	32.193	163.801	179.558	4.862	0.12782	2.66482	53	X
K14T07O	16.2	0.15	K14AA	29.627	281.074	63.526	4.044	0.24631	3.93861	24	X
K14T07R	16.8	0.15	K149K	339.192	43.293	11.539	14.593	0.25065	2.99610	53	X
K14T07W	19.2	0.15	K149K	353.250	199.490	188.822	6.664	0.24776	2.22909	53	X
K14T07X	17.4	0.15	K149K	312.081	8.532	70.537	3.855	0.08649	2.31235	53	X
K14T07Z	16.0	0.15	K14AA	223.235	123.954	47.887	10.409	0.02962	2.99503	24	X
K14T08B	17.6	0.15	K149K	12.061	305.579	58.635	4.704	0.20323	2.60800	32	X
K14T08D	16.7	0.15	K149K	40.995	248.426	74.755	4.607	0.24228	3.02061	32	X
K14T08E	17.9	0.15	K149K	340.541	249.819	162.667	3.428	0.20354	2.56697	53	X
K14T08G	17.3	0.15	K149K	356.532	289.796	100.525	2.607	0.09773	2.64913	53	X
K14T08J	16.8	0.15	K149K	352.370	25.585	3.839	6.215	0.14944	2.60580	53	X
K14T08K	17.8	0.15	K14AA	343.847	46.969	358.623	4.858	0.11647	2.40027	24	X
K14T08M	15.7	0.15	K14AA	54.060	74.209	249.022	3.993	0.07098	2.99527	30	X
K14T08N	16.0	0.15	K14AA	351.631	185.483	210.668	16.120	0.16515	3.22136	30	X
K14T08U	16.8	0.15	K14AA	24.869	325.251	39.548	4.421	0.24719	2.58002	24	X
K14T09B	15.6	0.15	K149K	80.727	273.686	21.105	9.119	0.07742	3.01034	32	X
K14T09L	17.0	0.15	K14AA	352.345	21.528	17.150	10.126	0.22614	2.98842	24	X
K14T09N	16.0	0.15	K14AA	147.497	26.014	209.825	12.367	0.07249	2.80319	31	X
K14T09Q	17.9	0.15	K149K	46.469	286.248	28.117	7.253	0.17125	2.31555	41	X
K14T10V	18.9	0.15	K14AA	265.366	277.276	207.019	21.074	0.09094	1.87332	24	X
K14T10W	16.4	0.15	K14AA	19.995	80.137	277.268	5.455	0.10135	3.03640	24	X
K14T11H	15.5	0.15	K14AA	357.761	160.512	225.196	11.750	0.07728	3.24405	24	X
K14T11K	17.0	0.15	K14AA	303.759	244.568	220.531	11.013	0.23947	2.63166	24	X
K14T11V	18.5	0.15	K14AA	355.872	157.061	232.338	3.880	0.23228	2.69666	24	X
K14T12A	17.4	0.15	K149K	0.942	160.837	213.242	11.464	0.24696	2.79167	35	X
K14T12E	15.9	0.15	K14AA	17.343	357.480	3.771	10.207	0.14693	3.00938	24	X
K14T12L	19.6	0.15	K14AA	7.048	150.354	215.461	6.121	0.36080	2.58875	24	X
K14T13B	16.6	0.15	K14AA	347.823	91.224	312.434	5.524	0.22176	3.02486	24	X
K14T13K	17.4	0.15	K14AA	289.232	211.935	248.278	5.517	0.05147	2.24321	24	X
K14T14B	17.7	0.15	K149K	298.398	229.307	226.356	6.296	0.14435	2.35847	32	X
K14T15J	17.5	0.15	K14AA	353.879	174.062	217.864	13.942	0.19349	2.44222	30	X
K14T15Q	16.9	0.15	K14AA	355.354	174.658	218.338	16.608	0.15150	3.12237	24	X
K14T16E	18.3	0.15	K14AA	319.438	213.748	227.910	4.297	0.19972	2.20582	23	X
K14T16F	17.0	0.15	K14AA	334.321	176.073	249.064	4.667	0.21837	3.11039	23	X
K14T16H	19.0	0.15	K14AA	0.962	20.758	0.218	5.291	0.25138	2.33357	23	X
K14T16L	17.6	0.15	K14AA	6.976	45.914	327.583	2.486	0.20792	2.74354	23	X
K14T18F	17.3	0.15	K14AA	353.049	70.080	329.933	16.516	0.28205	2.65268	16	X
K14T18J	17.3	0.15	K14AA	343.523	31.099	13.156	12.512	0.28930	2.64528	24	X
K14T18R	16.2	0.15	K14AA	44.495	131.749	190.923	15.108	0.06486	3.13470	24	X
K14T18T	17.5	0.15	K149K	3.871	40.377	332.665	1.379	0.10319	2.67848	36	X
K14T18X	16.9	0.15	K14AA	214.504	150.901	23.381	4.181	0.03647	2.76159	24	X
K14T19G	17.9	0.15	K149K	12.884	329.747	28.473	2.746	0.22420	2.65303	32	X
K14T19W	19.1	0.15	K149K	357.877	351.961	24.300	5.298	0.29482	2.37979	53	X
K14T20A	17.3	0.15	K149K	352.697	353.724	35.854	4.662	0.07604	2.77470	32	X
K14T20C	16.0	0.15	K14AA	218.393	148.098	30.223	11.514	0.14096	3.14560	24	X
K14T20E	17.6	0.15	K14AA	67.145	274.893	27.243	13.054	0.15055	2.65409	24	X
K14T20J	19.7	0.15	K14AA	14.969	333.910	24.039	10.960	0.26266	2.41721	24	X
K14T20K	17.4	0.15	K14AA	344.740	12.096	33.776	5.721	0.11321	2.81513	24	X
K14T20M	16.2	0.15	K149K	318.211	279.744	158.756	1.653	0.15308	3.14029	32	X
K14T20P	16.4	0.15	K149K	30.412	312.799	32.575	8.635	0.11618	3.13910	32	X

K14T20Y	17.7	0.15	K149K	7.185	342.951	27.125	2.100	0.16554	2.57710	53	X
K14T21E	17.9	0.15	K149K	333.792	233.840	182.634	2.352	0.18262	2.37880	53	X
K14T21G	16.3	0.15	K149K	322.645	42.660	31.838	0.864	0.15109	3.11821	32	X
K14T21K	19.5	0.15	K14AA	4.359	348.451	30.575	3.773	0.20359	2.30708	24	X
K14T21N	18.1	0.15	K149K	9.845	331.879	29.811	2.173	0.25717	2.61065	53	X
K14T21R	17.3	0.15	K149K	325.282	40.373	30.615	12.006	0.17804	2.62609	53	X
K14T21T	17.1	0.15	K149K	11.560	172.060	189.152	3.317	0.23902	2.60548	32	X
K14T22V	18.2	0.15	K14AA	15.533	289.214	74.633	3.197	0.22246	2.62376	24	X
K14T23B	18.9	0.15	K14AA	3.081	272.119	112.185	1.961	0.17679	2.33405	24	X
K14T23F	18.3	0.15	K149K	9.271	340.572	23.807	7.321	0.13443	2.24576	32	X
K14T23H	16.7	0.15	K14AA	325.590	33.146	38.759	1.952	0.13580	3.17681	24	X
K14T23J	17.7	0.15	K149K	322.352	38.190	26.750	4.534	0.09780	2.44361	32	X
K14T23Q	17.8	0.15	K149K	11.105	336.754	21.683	9.021	0.23005	2.58542	32	X
K14T24M	17.3	0.15	K14AA	42.531	123.570	206.996	14.729	0.15853	2.61942	23	X
K14T26J	18.3	0.15	K14AA	356.104	6.441	27.185	2.480	0.19462	2.56569	23	X
K14T26R	18.4	0.15	K149K	53.693	274.620	27.848	2.469	0.21390	2.37251	32	X
K14T26U	17.8	0.15	K14AA	10.300	318.756	49.048	3.021	0.24862	3.01270	23	X
K14T26V	16.4	0.15	K149K	344.053	8.395	32.981	11.987	0.08153	3.09030	41	X
K14T27A	17.2	0.15	K14AA	283.461	274.382	199.871	16.194	0.09153	2.54048	22	X
K14T27Q	18.0	0.15	K149K	353.003	2.955	25.962	2.652	0.22104	2.35570	53	X
K14T27U	18.6	0.15	K14AA	15.715	334.422	30.070	6.398	0.17216	2.23238	23	X
K14T28K	16.8	0.15	K14AA	17.888	246.678	115.883	1.885	0.20748	3.13810	23	X
K14T28L	15.8	0.15	K14AA	307.316	70.506	33.492	20.704	0.19689	3.03423	25	X
K14T28M	18.5	0.15	K14AA	5.642	321.120	58.449	2.250	0.18533	2.41792	23	X
K14T29F	17.1	0.15	K14AA	342.971	20.578	26.349	12.155	0.09494	3.08904	23	X
K14T29L	17.4	0.15	K14AA	9.542	172.855	204.045	5.768	0.06821	2.79484	23	X
K14T29P	16.2	0.15	K149K	68.935	91.359	197.739	1.244	0.24411	2.98170	32	X
K14T29Y	16.6	0.15	K149K	29.506	166.699	175.376	2.141	0.23409	2.57947	57	X
K14T30A	16.4	0.15	K14AA	343.562	11.478	47.348	10.150	0.14971	2.79787	23	X
K14T30P	17.9	0.15	K14AA	2.892	341.200	41.510	9.351	0.07551	2.56926	22	X
K14T30S	17.4	0.15	K14AA	13.003	284.783	85.108	4.677	0.16119	3.18386	23	X
K14T30V	16.2	0.15	K14AA	320.143	18.597	52.367	9.150	0.06600	2.87409	22	X
K14T32H	17.0	0.15	K14AA	21.616	354.557	4.740	6.086	0.18080	2.60652	30	X
K14T33F	18.3	0.15	K14AA	0.118	116.368	250.779	22.198	0.33327	2.33956	18	X
K14T33W	17.8	0.15	K14AA	32.397	40.666	308.690	19.004	0.02179	1.91559	17	X
K14T34X	18.5	0.15	K14AA	354.042	116.324	275.823	4.780	0.34404	2.60140	24	X
K14T35N	18.7	0.15	K14AA	237.882	295.360	213.127	20.609	0.06764	1.92949	24	X
K14T35R	19.6	0.15	K14AA	4.278	152.634	218.186	14.641	0.38706	2.40957	12	X
K14T36M	16.2	0.15	K14AA	257.568	293.922	202.030	8.857	0.06146	3.16426	20	X
K14T36N	16.8	0.15	K149K	17.971	331.964	31.167	6.740	0.06526	2.76337	32	X
K14T36R	15.4	0.15	K14AA	15.477	310.086	71.331	12.395	0.04461	3.10303	18	X
K14T36V	16.8	0.15	K14AA	14.542	209.247	160.649	4.593	0.25856	2.58483	18	X
K14T36Z	16.2	0.15	K14AA	314.504	46.396	59.087	10.697	0.19053	3.13836	18	X
K14T37B	16.9	0.15	K14AA	67.019	215.010	99.700	3.499	0.18577	2.35373	18	X
K14T37E	17.0	0.15	K14AA	36.277	275.465	73.294	5.106	0.18968	2.61625	18	X
K14T37Q	18.6	0.15	K14AA	5.545	167.283	193.601	20.864	0.10640	1.87140	25	X
K14T37R	16.0	0.15	K14AA	20.156	150.254	188.701	15.581	0.08777	3.16744	13	X
K14T37S	18.4	0.15	K14AA	6.761	85.325	282.661	0.932	0.28740	3.07053	13	X
K14T37Z	16.5	0.15	K14AA	36.095	314.510	20.619	8.119	0.10681	2.67217	13	X
K14T38D	16.9	0.15	K14AA	12.294	49.993	316.154	3.502	0.13549	2.74421	13	X
K14T38O	17.9	0.15	K14AA	0.010	154.285	226.406	4.714	0.12919	2.21848	26	X
K14T38R	16.4	0.15	K14AA	310.368	43.997	25.131	22.511	0.00568	2.70001	13	X
K14T38W	17.7	0.15	K14AA	23.510	122.034	224.372	3.793	0.20374	2.42308	13	X
K14T38Y	17.6	0.15	K149K	20.977	294.510	45.106	5.870	0.20208	2.47009	36	X
K14T39H	16.1	0.15	K14AA	345.009	16.234	33.362	10.975	0.20137	3.15625	24	X
K14T39M	18.0	0.15	K14AA	12.177	126.208	237.184	6.243	0.17833	2.26082	13	X
K14T39O	18.2	0.15	K14AA	10.392	237.207	133.081	1.907	0.18652	2.36810	23	X
K14T39V	18.1	0.15	K14AA	319.506	249.129	204.756	21.183	0.35634	2.34536	12	X
K14T40C	16.8	0.15	K14AA	353.310	181.766	219.545	5.248	0.29530	3.15056	11	X
K14T40D	16.7	0.15	K14AA	47.374	280.813	56.203	5.153	0.07916	2.81581	13	X
K14T40E	18.6	0.15	K14AA	11.597	214.149	157.279	2.037	0.18749	2.32326	13	X
K14T40K	15.7	0.15	K14AA	332.785	356.554	76.349	4.666	0.18326	3.11299	13	X
K14T40O	17.5	0.15	K14AA	2.943	290.907	94.937	3.007	0.22032	2.68914	23	X
K14T40P	17.8	0.15	K14AA	21.274	178.639	182.210	5.493	0.15851	2.32647	13	X
K14T40R	16.8	0.15	K14AA	37.515	220.733	112.695	3.182	0.22330	2.42632	23	X
K14T40U	15.7	0.15	K14AA	268.184	304.716	190.825	9.016	0.07711	2.85509	13	X
K14T40V	18.1	0.15	K14AA	18.846	277.028	83.058	3.327	0.21884	2.35118	13	X
K14T41C	15.7	0.15	K14AA	44.656	314.218	18.110	19.716	0.06449	3.17914	12	X
K14T42B	16.8	0.15	K14AA	349.528	200.859	202.885	1.700	0.09457	2.94500	11	X
K14T43L	17.4	0.15	K14AA	77.985	251.895	36.401	4.813	0.20870	2.41760	12	X
K14T43O	16.4	0.15	K14AA	65.541	101.902	210.764	10.983	0.12684	3.02512	11	X
K14T44Z	17.4	0.15	K14AA	24.921	141.610	210.363	11.739	0.20245	2.61717	11	X
K14T45J	17.0	0.15	K14AA	1.882	356.933	41.288	7.896	0.12089	2.96872	12	X
K14T45X	18.0	0.15	K14AA	349.714	319.154	92.316	1.663	0.20287	2.34998	12	X
K14T46G	16.4	0.15	K14AA	47.422	301.167	33.184	10.591	0.12391	3.16129	11	X
K14T48X	16.6	0.15	K14AA	78.785	231.255	88.233	6.665	0.08349	2.79318	12	X
K14T48Y	15.9	0.15	K14AA	357.859	337.902	73.995	9.155	0.05399	3.21999	12	X
K14T49B	17.4	0.15	K14AA	350.430	247.336	167.046	4.815	0.17700	2.34373	12	X
K14T49C	17.4	0.15	K149K	345.940	335.171	79.512	7.410	0.08386	2.43544	55DW	
K14T49L	15.5	0.15	K14AA	17.389	344.897	19.080	22.502	0.02049	3.18365	11	X
K14T50T	17.7	0.15	K14AA	324.851	185.254	238.545	5.787	0.08262	2.63215	11	X
K14T50U	17.5	0.15	K14AA	2.109	83.694	295.545	3.438	0.13133	2.69057	11	X
K14T51N	16.0	0.15	K14AA	217.587	275.522	251.850	8.364	0.02971	3.04336	11	X
K14T52G	18.2	0.15	K14AA	6.912	291.573	92.158	3.186	0.20623	2.36884	11	X
K14T52N	16.1	0.15	K14AA	4.816	25.726	352.533	11.567	0.07273	2.91679	11	X
K14T53F	17.3	0.15	K14AA	21.529	201.557	161.421	4.927	0.20122	2.59602	11	X
K14T53P	17.8	0.15	K14AA	346.771	233.990	184.565	3.891	0.16204	2.33147	11	X
K14T53R	17.7	0.15	K14AA	29.916	138.887	209.402	12.567	0.28858	2.61304	11	X
K14T53S	18.4	0.15	K14AA	11.885	310.335	70.794	5.369	0.22147	2.46318	11	X
K14T53U	17.5	0.15	K14AA	0.551	340.982	63.697	12.605	0.18321	3.11812	11	X
K14T53V	17.5	0.15	K14AA	352.422	310.236	103.702	3.912	0.11577	2.61401	11	X
K14T53X	16.0	0.15	K14AA	81.595	219.123	93.156	4.892	0.13171	2.98086	11	X
K14T53Y	17.9	0.15	K14AA	11.050	199.780	188.885	6.182	0.11569	2.31023	11	X
K14T54J	18.5	0.15	K14AA	24.667	297.333	70.006	8.136	0.14794	2.25457	11	X
K14T54L	16.1	0.15	K14AA	17.233	252.423	134.140	5.101	0.08686	2.96333	11	X
K14T54M	17.4	0.15	K14AA	13.260	259.241	119.762	4.266	0.24374	2.61299	11	X
K14T54N	15.6	0.15	K14AA	267.948	89.822	60.640	27.395	0.08677	3.14322	11	X

K14T54O	18.4	0.15	K14AA	5.853	205.754	188.492	6.416	0.14243	2.32898	11	X
K14T54Q	17.4	0.15	K14AA	15.473	306.198	73.333	10.371	0.22534	2.80719	11	X
K14T54T	16.4	0.15	K14AA	345.194	346.824	79.212	11.549	0.04119	3.04890	11	X
K14T55C	17.6	0.15	K14AA	15.450	269.953	85.134	6.681	0.20474	2.56499	12	X
K14T56D	16.2	0.15	K14AA	56.000	270.009	69.536	12.193	0.12740	3.15938	10	X
K14T56E	16.3	0.15	K14AA	334.058	271.822	165.999	3.995	0.03600	3.17207	10	X
K14T56N	17.0	0.15	K14AA	21.119	207.683	153.730	5.334	0.22208	2.60232	10	X
K14T56Z	16.3	0.15	K14AA	4.754	336.938	58.697	19.321	0.21681	3.10669	10	X
K14T57A	18.1	0.15	K14AA	21.432	225.581	138.935	4.014	0.24998	2.56350	10	X
K14T57B	16.6	0.15	K14AA	61.287	207.941	126.135	4.190	0.10318	2.78638	10	X
K14T57C	17.5	0.15	K14AA	194.019	123.851	87.584	6.273	0.04551	2.28566	10	X
K14T57K	16.2	0.15	K14AA	313.359	18.635	85.649	8.146	0.09489	3.02358	10	X
K14T58J	17.2	0.15	K14AA	342.698	184.430	228.671	12.492	0.17364	2.41228	12	X
K14T58L	17.0	0.15	K14AA	21.231	130.705	230.342	13.882	0.16307	2.85326	12	X
K14T58U	18.3	0.15	K14AA	40.189	333.894	357.175	4.629	0.21005	2.21136	12	X
K14T58V	18.0	0.15	K14AA	24.188	78.164	277.518	2.907	0.19447	2.53177	12	X
K14T58Y	16.8	0.15	K14AA	348.256	153.118	261.337	4.671	0.25632	3.04553	12	X
K14T58Z	17.6	0.15	K14AA	15.673	133.991	236.600	9.403	0.21319	3.11361	12	X
K14T59E	18.2	0.15	K14AA	28.521	62.300	293.257	2.893	0.15501	2.35545	12	X
K14T59F	18.7	0.15	K14AA	341.839	84.140	336.716	6.258	0.21838	2.29553	12	X
K14T59G	17.6	0.15	K14AA	13.350	357.055	19.243	7.721	0.17868	2.60583	12	X
K14T59H	17.5	0.15	K14AA	314.510	228.305	230.979	12.540	0.17288	2.78561	12	X
K14T59K	16.6	0.15	K14AA	340.589	50.911	12.863	6.712	0.11418	3.07298	12	X
K14T59L	16.2	0.15	K14AA	96.944	271.372	12.333	5.934	0.17165	2.55651	12	X
K14T59Q	17.8	0.15	K14AA	356.420	58.818	339.136	2.533	0.25933	2.62081	12	X
K14T59R	16.9	0.15	K14AA	58.316	93.388	228.143	13.227	0.14367	2.59847	12	X
K14T59V	18.8	0.15	K14AA	16.908	38.663	325.461	1.455	0.23915	2.38394	12	X
K14T59W	17.3	0.15	K14AA	43.978	105.943	228.528	10.886	0.18576	2.69375	12	X
K14T59X	16.3	0.15	K14AA	23.520	108.243	255.832	3.645	0.17565	3.11515	12	X
K14T60E	18.5	0.15	K14AA	37.311	111.121	217.958	5.685	0.21492	2.26478	31	X
K14T60R	16.2	0.15	K14AA	46.734	117.770	215.784	14.446	0.08478	3.06739	12	X
K14T60U	18.9	0.15	K14AA	54.924	6.081	309.166	1.769	0.15065	2.14274	12	X
K14T61B	17.1	0.15	K14AA	23.753	108.985	250.761	3.402	0.08190	2.75952	12	X
K14T61C	16.9	0.15	K14AA	28.231	117.443	226.944	8.131	0.21321	3.02697	12	X
K14T61H	18.2	0.15	K14AA	4.061	54.672	325.077	2.075	0.16688	2.28753	23	X
K14T62G	17.6	0.15	K14AA	340.119	80.904	335.609	5.287	0.23049	2.46230	11	X
K14T62K	17.1	0.15	K14AA	283.296	116.528	5.085	6.563	0.10876	2.66062	30	X
K14T62L	16.2	0.15	K14AA	273.128	114.597	13.325	9.039	0.05906	3.16695	11	X
K14T62X	17.5	0.15	K14AA	19.597	297.333	52.919	12.842	0.18277	2.70323	13	X
K14T62Z	18.2	0.15	K149K	52.272	138.911	159.407	8.312	0.21411	2.21026	36	X
K14T63M	18.2	0.15	K14AA	347.085	180.365	228.289	20.447	0.08747	1.94838	10	X
K14T63Z	16.0	0.15	K14AA	309.391	55.102	24.496	8.573	0.17447	3.09188	9	X
K14T64A	18.0	0.15	K14AA	24.908	284.159	52.279	2.106	0.19045	2.35777	9	X
K14T64L	17.6	0.15	K14AA	20.480	140.258	200.918	29.365	0.28801	2.60158	13	X
K14T64Z	15.5	0.15	K14AA	339.102	17.462	28.847	28.832	0.15124	3.19244	12	X
K14T65A	18.0	0.15	K14AA	6.286	322.415	45.718	6.894	0.16425	2.26290	12	X
K14T65B	18.1	0.15	K14AA	22.359	299.215	44.248	5.311	0.17749	2.15918	10	X
K14T65F	16.3	0.15	K14AA	16.649	197.380	153.474	8.408	0.20856	3.13518	10	X
K14T65G	16.8	0.15	K14AA	333.237	229.730	206.724	7.681	0.11692	2.59490	12	X
K14T65H	15.5	0.15	K14AA	31.015	134.976	215.799	12.900	0.10549	3.02195	12	X
K14T65S	15.9	0.15	K14AA	24.678	302.108	49.210	10.048	0.08517	3.10373	12	X
K14T66C	19.4	0.15	K14AA	15.037	342.115	23.874	7.508	0.21882	2.15888	11	X
K14T66X	16.6	0.15	K14AA	356.767	181.125	222.193	9.807	0.11956	3.08832	11	X
K14T66Z	17.9	0.15	K14AA	44.389	346.718	347.186	1.162	0.18909	2.37764	11	X
K14T67F	17.4	0.15	K14AA	10.494	154.019	223.440	5.142	0.25759	2.61954	11	X
K14T68J	16.1	0.15	K14AA	122.890	224.972	41.839	11.987	0.11928	2.78281	25	X
K14T68M	17.2	0.15	K14AA	286.227	275.241	208.327	0.709	0.10960	2.38287	11	X
K14T68R	18.2	0.15	K14AA	17.359	159.604	210.482	3.775	0.18838	2.41061	11	X
K14T68S	18.9	0.15	K14AA	356.470	348.741	51.401	3.441	0.19832	2.38399	11	X
K14T68T	16.1	0.15	K14AA	302.999	222.850	229.479	10.523	0.11384	2.75745	13	X
K14T68Z	17.1	0.15	K14AA	97.279	157.111	129.133	2.478	0.16044	2.61223	11	X
K14T69J	18.1	0.15	K14AA	358.390	315.769	83.386	2.802	0.17759	2.36632	11	X
K14T69L	18.1	0.15	K14AA	9.931	316.379	69.162	4.137	0.08700	2.16915	11	X
K14T69O	18.3	0.15	K14AA	31.955	285.235	69.387	3.818	0.15373	2.21673	11	X
K14T69P	17.3	0.15	K14AA	18.434	313.223	55.430	10.365	0.24240	2.76169	11	X
K14T69S	16.5	0.15	K14AA	10.156	314.430	66.488	5.240	0.24215	2.57584	11	X
K14T69T	17.2	0.15	K14AA	25.225	272.248	97.635	3.667	0.11264	2.61822	11	X
K14T69Y	17.7	0.15	K14AA	345.197	353.064	66.055	5.976	0.09544	2.42729	11	X
K14T69Z	16.8	0.15	K14AA	15.325	188.779	188.324	4.094	0.23746	3.00302	11	X
K14T70B	16.8	0.15	K14AA	22.982	168.138	204.530	10.047	0.15301	2.91994	11	X
K14T70F	16.2	0.15	K14AA	336.379	229.935	203.446	8.497	0.08291	2.98109	11	X
K14T70H	18.7	0.15	K14AA	3.937	294.481	94.270	3.065	0.19545	2.34487	11	X
K14T70J	17.8	0.15	K14AA	55.315	262.712	59.464	6.968	0.18369	2.29995	11	X
K14T70M	17.8	0.15	K14AA	27.224	296.825	58.540	7.931	0.21570	2.60099	11	X
K14T70O	17.3	0.15	K14AA	16.111	251.791	127.332	3.182	0.10386	2.61507	11	X
K14T70V	17.6	0.15	K14AA	1.177	257.019	138.175	3.075	0.22824	2.61325	11	X
K14T71C	18.2	0.15	K14AA	24.136	301.899	56.446	10.325	0.23154	2.39139	32	X
K14T71D	17.8	0.15	K14AA	11.585	212.073	171.662	4.030	0.16179	2.57811	11	X
K14T71H	17.9	0.15	K14AA	349.894	287.705	126.425	3.344	0.20126	2.47415	11	X
K14T71J	17.9	0.15	K14AA	3.687	291.338	101.689	3.590	0.17303	2.35617	11	X
K14T71O	17.0	0.15	K14AA	12.539	332.663	58.813	16.878	0.09551	3.08577	11	X
K14T71P	17.1	0.15	K14AA	339.750	236.561	198.140	6.499	0.16686	3.04812	11	X
K14T71Y	16.3	0.15	K149K	22.354	256.595	125.696	6.115	0.05072	2.99187	33	X
K14T71Z	18.0	0.15	K14AA	341.720	111.724	264.711	0.802	0.17953	2.39189	10	X
K14T72P	17.6	0.15	K14AA	350.917	209.228	200.771	5.722	0.23484	2.68007	10	X
K14T72Q	16.8	0.15	K14AA	2.673	196.415	200.929	6.148	0.04442	2.77353	10	X
K14T72R	17.0	0.15	K14AA	9.920	177.297	208.929	9.725	0.12891	2.77591	10	X
K14T72V	16.9	0.15	K14AA	78.036	30.403	266.357	3.979	0.15524	2.59755	10	X
K14T73A	17.9	0.15	K14AA	2.503	320.529	69.169	5.039	0.26833	2.61748	10	X
K14T73K	19.0	0.15	K14AA	349.692	300.041	109.696	3.359	0.19210	2.29622	10	X
K14T73L	18.1	0.15	K14AA	353.231	245.078	161.525	4.564	0.19545	2.57780	10	X
K14T73N	18.3	0.15	K14AA	353.137	271.040	134.590	3.060	0.19371	2.39773	10	X
K14T73T	18.8	0.15	K14AA	345.491	294.256	123.501	3.272	0.20881	2.30838	10	X
K14T73U	17.6	0.15	K14AA	18.474	200.172	175.013	5.501	0.14428	2.70934	10	X
K14T74B	16.9	0.15	K14AA	27.233	213.221	142.138	3.997	0.22945	2.58123	10	X
K14T74E	18.3	0.15	K14AA	333.387	270.954	163.732	4.698	0.15338	2.36696	10	X
K14T74G	17.7	0.15	K14AA	324.900	335.093	104.977	5.180	0.06728	2.29559	10	X

K14T74J	17.8	0.15	K14AA	60.147	232.399	79.092	7.810	0.24743	2.20547	11	S
K14T74K	18.7	0.15	K14AA	9.524	257.282	126.635	4.479	0.16134	2.18807	10	X
K14T74R	17.6	0.15	K14AA	312.866	12.275	87.615	6.775	0.16422	2.27844	10	X
K14T74T	18.7	0.15	K14AA	13.196	288.176	81.362	7.198	0.31482	2.66861	10	X
K14T75Y	17.3	0.15	K14AA	318.667	96.945	329.299	1.323	0.03948	2.65760	11	X
K14T75Z	17.8	0.15	K14AA	308.571	69.647	16.700	8.677	0.13451	2.56171	11	X
K14T78P	17.4	0.15	K14AA	352.919	49.982	338.722	5.687	0.07228	2.67416	11	X
K14T78S	16.5	0.15	K14AA	46.144	92.867	231.316	8.828	0.11041	3.01883	11	X
K14T79F	16.9	0.15	K14AA	24.025	352.542	350.195	7.739	0.22346	2.78302	11	X
K14T79W	17.1	0.15	K14AA	337.878	194.325	221.067	15.300	0.23242	3.13313	11	X
K14T79Z	16.9	0.15	K14AA	17.038	116.117	240.528	8.233	0.16365	3.19705	11	X
K14T80B	16.0	0.15	K14AA	292.490	242.267	236.033	9.269	0.26081	2.72197	13	X
K14T80Q	16.9	0.15	K14AA	23.593	269.752	100.538	5.754	0.22905	3.26323	11	X
K14T81G	17.7	0.15	K14AA	343.326	31.690	13.778	4.369	0.11846	2.40803	10	X
K14T81M	17.3	0.15	K14AA	5.804	39.953	339.407	1.310	0.06439	2.88166	10	X
K14T81T	17.3	0.15	K14AA	13.230	341.149	23.408	13.419	0.14148	2.96897	10	X
K14T81U	18.9	0.15	K14AA	49.190	127.844	212.861	19.311	0.09684	1.87892	10	X
K14T82C	18.1	0.15	K14AA	49.306	300.660	22.812	5.989	0.21385	2.42311	11	X
K14T82S	16.2	0.15	K14AA	325.179	24.674	58.776	10.499	0.05552	3.02979	11	X
K14T83K	17.8	0.15	K14AA	285.943	277.652	201.470	3.925	0.13126	2.45966	10	X
K14T83Z	18.8	0.15	K14AA	8.881	311.340	67.416	2.224	0.26241	2.49727	10	X
K14T84L	16.6	0.15	K14AA	47.637	293.386	52.434	12.235	0.19532	2.67925	10	X
K14U00F	17.4	0.15	K14AA	282.263	55.745	53.972	7.134	0.08130	2.29294	9	X
K14U00K	17.1	0.15	K14AA	325.957	28.099	52.504	7.688	0.27532	2.70288	9	X
K14U01D	19.6	0.15	K14AA	9.812	169.779	202.491	6.716	0.37689	2.55198	9	X
K14U01H	18.4	0.15	K14AA	19.557	220.038	150.755	3.491	0.23107	2.54402	9	X
K14U01J	17.1	0.15	K14AA	150.015	174.344	77.836	8.226	0.09940	2.34071	9	X
K14U01K	16.6	0.15	K14AA	328.569	17.324	68.953	13.205	0.09901	2.99832	9	X
K14U01N	16.8	0.15	K14AA	321.416	244.056	212.819	14.521	0.12038	2.84277	9	X
K14U01O	16.9	0.15	K14AA	325.245	252.122	208.069	9.181	0.20287	3.11349	9	X
K14U01P	17.1	0.15	K14AA	324.483	10.281	79.463	7.480	0.08719	2.69862	9	X
K14U01S	16.5	0.15	K14AA	325.999	250.445	196.700	8.910	0.08871	3.06288	9	X
K14U01W	18.0	0.15	K14AA	352.535	237.552	175.492	5.455	0.08323	2.29179	9	X
K14U02Y	17.9	0.15	K14AA	333.665	31.368	55.089	7.344	0.30762	2.57319	8	X
K14U03S	16.7	0.15	K14AA	47.292	110.556	204.686	10.428	0.20331	2.66329	10	X
K14U03U	16.7	0.15	K14AA	6.873	171.390	218.395	22.699	0.29357	3.06881	7	X
K14U03W	19.4	0.15	K14AA	16.854	267.239	93.117	3.721	0.37251	2.58131	7	X
K14U03X	17.9	0.15	K14AA	47.636	235.608	99.356	4.347	0.19470	2.38462	10	X
K14U03Y	18.1	0.15	K14AA	350.034	319.946	95.936	5.059	0.14757	2.56905	7	X
K14U03Z	16.4	0.15	K14AA	311.204	27.668	72.434	10.578	0.04407	3.03250	10	X
K14U04A	19.1	0.15	K14AA	4.408	289.261	102.438	4.032	0.18713	2.20001	7	X
K14U04B	18.2	0.15	K14AA	12.373	213.493	169.199	4.451	0.16062	2.21005	9	X
K14U04E	16.4	0.15	K14AA	280.262	59.474	73.467	12.906	0.03703	2.97702	7	X
K14U05J	18.7	0.15	K14AA	355.036	175.479	217.128	1.468	0.22157	2.59705	9	X
K14U05L	18.6	0.15	K14AA	356.046	4.391	26.701	18.917	0.21215	2.54475	9	X
K14U05M	17.0	0.15	K14AA	316.055	75.014	26.362	6.832	0.29990	2.96961	9	X
K14U05P	18.3	0.15	K14AA	356.212	263.018	144.851	3.550	0.25085	2.83425	9	X
K14U05Q	17.3	0.15	K14AA	29.795	296.337	73.371	11.992	0.12716	2.79003	9	X
K14U06D	18.0	0.15	K14AA	84.066	63.091	221.075	3.160	0.15554	2.25871	8	X
K14U06E	18.4	0.15	K14AA	32.640	64.304	272.462	0.627	0.20184	2.39074	8	X
K14U06M	17.0	0.15	K14AA	26.995	166.999	207.438	8.779	0.11655	3.07411	7	X
K14U06N	16.7	0.15	K14AA	64.191	250.665	85.544	7.085	0.05380	2.76348	7	X
K14U06P	17.5	0.15	K14AA	351.714	309.718	111.505	5.818	0.25466	3.21587	7	X
K14U06R	17.4	0.15	K14AA	3.103	194.080	207.562	11.705	0.17592	2.58707	7	X
K14U06Y	17.9	0.15	K14AA	341.871	325.809	104.571	4.764	0.22426	2.44543	6	X
K14U07G	19.3	0.15	K14AA	3.370	168.106	210.996	23.261	0.15135	1.90224	22	X
K14U07T	19.0	0.15	K14AA	135.501	218.207	27.124	18.567	0.07736	1.82133	12	X
K14U08J	15.4	0.15	K14AA	29.550	111.955	235.029	18.187	0.13530	3.17979	3	X
K14U08L	16.7	0.15	K14AA	56.000	292.091	30.156	6.455	0.09177	2.79195	9	X
K14U08M	19.6	0.15	K14AA	345.462	12.467	33.622	5.688	0.18567	2.24336	9	X
K14U08O	16.4	0.15	K14AA	283.061	81.526	37.240	13.477	0.11476	3.18731	9	X
K14U09B	18.2	0.15	K14AA	339.551	200.312	221.585	6.639	0.30867	2.76469	9	X
K14U09F	16.3	0.15	K14AA	343.532	347.219	70.915	11.513	0.10190	2.87911	9	X
K14U09L	16.6	0.15	K14AA	54.580	107.270	230.880	13.657	0.10674	2.59533	9	X
K14U09M	16.1	0.15	K14AA	250.844	307.396	231.423	25.353	0.24109	2.63645	9	X
K14U09N	16.7	0.15	K14AA	326.584	216.715	230.801	17.998	0.13048	2.83517	9	X
K14U09Q	17.8	0.15	K14AA	341.677	204.455	225.447	13.262	0.22437	2.71522	9	X
K14U09T	18.4	0.15	K14AA	18.299	140.284	225.264	9.561	0.28312	2.57219	9	X
K14U09Y	17.5	0.15	K14AA	354.255	235.306	176.980	4.440	0.10406	2.78111	9	X
K14U09Z	18.7	0.15	K14AA	7.271	273.655	115.346	3.207	0.21165	2.46871	9	X
K14U10F	17.0	0.15	K14AA	59.257	241.783	95.404	5.409	0.10032	2.82797	9	X
K14U10H	16.7	0.15	K14AA	23.409	199.472	179.657	4.675	0.13084	3.23832	9	X
K14U10J	17.2	0.15	K14AA	251.051	43.105	117.266	4.128	0.05820	2.53033	9	X
K14U10L	18.5	0.15	K14AA	17.184	267.211	109.063	4.581	0.18034	2.19517	9	X
K14U10P	18.5	0.15	K14AA	314.163	78.630	29.089	4.175	0.15459	2.19731	9	X
K14U10T	17.6	0.15	K14AA	27.306	322.938	43.898	7.212	0.22102	2.61726	9	X
K14U10U	17.1	0.15	K14AA	353.725	22.692	34.279	5.055	0.25817	2.60570	9	X
K14U11B	16.0	0.15	K14AA	48.991	65.566	265.461	7.411	0.12881	3.21920	8	X
K14U11C	18.5	0.15	K14AA	323.963	172.417	259.835	6.261	0.08777	2.29490	8	X
K14U11F	18.2	0.15	K14AA	350.891	59.536	341.992	5.619	0.12323	2.37688	8	X
K14U11G	18.1	0.15	K14AA	17.860	108.150	256.617	5.860	0.15496	2.39312	8	X
K14U11P	18.7	0.15	K14AA	2.419	97.182	290.348	3.680	0.19110	2.46730	8	X
K14U11U	16.5	0.15	K14AA	86.085	46.640	253.761	7.214	0.09198	3.12315	8	X
K14U11W	16.5	0.15	K14AA	102.270	36.429	236.981	10.678	0.14492	2.69945	8	X
K14U11X	17.1	0.15	K14AA	10.337	80.658	296.872	4.272	0.10057	2.68968	8	X
K14U12A	16.8	0.15	K14AA	301.624	233.643	239.940	9.587	0.21500	3.10383	8	X
K14U12F	18.4	0.15	K14AA	344.174	170.532	244.133	6.788	0.23044	2.67022	8	X
K14U12J	16.9	0.15	K14AA	1.196	152.986	237.773	10.610	0.05324	2.92231	8	X
K14U12L	17.4	0.15	K14AA	68.339	64.709	244.780	6.440	0.11571	2.37729	8	X
K14U12O	16.0	0.15	K14AA	240.766	148.415	13.031	10.553	0.08334	2.98358	8	X
K14U12P	16.9	0.15	K14AA	77.099	21.724	287.760	3.374	0.05463	2.78384	8	X
K14U12S	16.0	0.15	K14AA	153.222	226.877	14.471	11.459	0.00671	3.09887	8	X
K14U12T	16.8	0.15	K14AA	50.038	317.427	7.344	7.739	0.19355	3.01841	8	X
K14U12U	17.9	0.15	K14AA	43.733	298.581	18.660	12.030	0.30451	2.59091	8	X
K14U12V	16.3	0.15	K14AA	57.658	51.309	284.458	4.148	0.03197	3.22061	8	X
K14U12Y	17.2	0.15	K14AA	341.303	193.864	233.569	12.480	0.26622	3.19948	8	X
K14U12Z	16.8	0.15	K14AA	236.397	292.108	236.164	10.493	0.08900	2.65598	8	X

K14U13B	18.5	0.15	K14AA	344.502	144.221	271.263	3.451	0.18558	2.44611	8	X
K14U13G	18.4	0.15	K14AA	16.153	359.190	5.206	5.151	0.26750	2.61251	8	X
K14U13L	16.6	0.15	K14AA	56.342	333.293	359.816	5.426	0.09024	2.92765	8	X
K14U13O	16.9	0.15	K14AA	60.215	91.364	233.946	12.603	0.12048	2.82434	8	X
K14U13P	17.9	0.15	K14AA	29.279	339.146	3.722	4.944	0.28827	2.58043	8	X
K14U13Q	16.5	0.15	K14AA	13.425	359.878	20.831	9.518	0.14997	3.07006	8	X
K14U13R	16.9	0.15	K14AA	10.181	142.179	241.302	9.374	0.18506	3.20047	8	X
K14U13S	17.3	0.15	K14AA	33.940	344.013	9.384	6.023	0.14464	2.77645	8	X
K14U13T	18.6	0.15	K14AA	353.634	74.678	329.379	2.146	0.23624	2.45263	8	X
K14U13V	17.1	0.15	K14AA	28.706	351.651	5.466	5.034	0.17318	2.71448	8	X
K14U13W	17.1	0.15	K14AA	76.996	263.311	28.650	13.045	0.26909	2.64899	8	X
K14U14J	16.8	0.15	K14AA	25.967	118.892	238.722	7.660	0.18977	3.25504	8	X
K14U14K	18.1	0.15	K14AA	29.262	53.551	291.731	2.349	0.25390	2.84309	8	X
K14U14L	17.9	0.15	K14AA	359.424	127.573	267.349	3.528	0.13673	2.70997	8	X
K14U14O	18.0	0.15	K14AA	83.892	43.190	250.951	3.810	0.13804	2.21777	8	X
K14U14S	16.2	0.15	K14AA	5.899	10.562	20.547	7.120	0.05829	3.11083	8	X
K14U14V	18.8	0.15	K14AA	28.443	60.677	290.067	1.735	0.20417	2.37908	8	X
K14U14X	18.2	0.15	K14AA	61.431	296.176	13.296	4.259	0.21373	2.22597	8	X
K14U15A	17.8	0.15	K14AA	38.596	21.773	314.963	1.906	0.23832	2.80741	8	X
K14U15B	18.7	0.15	K14AA	27.704	115.434	225.737	10.680	0.32039	2.64560	8	X
K14U15C	18.9	0.15	K14AA	12.670	36.739	335.920	1.801	0.21980	2.32525	8	X
K14U15D	15.9	0.15	K14AA	87.750	273.774	31.821	12.437	0.06250	3.01081	8	X
K14U15E	17.4	0.15	K14AA	2.590	144.726	249.650	3.180	0.10742	2.64295	8	X
K14U15F	17.0	0.15	K14AA	351.620	105.494	302.658	1.891	0.08982	2.64928	8	X
K14U15H	17.4	0.15	K14AA	44.862	34.235	303.171	1.711	0.17158	2.69543	8	X
K14U15X	17.7	0.15	K14AA	43.741	345.382	340.878	5.766	0.19582	2.30593	8	X
K14U16E	17.9	0.15	K14AA	50.929	58.249	257.288	3.055	0.19029	2.25448	8	X
K14U16M	17.0	0.15	K14AA	354.644	170.635	223.761	10.099	0.08051	3.15404	8	X
K14U16R	17.0	0.15	K14AA	58.107	14.922	310.949	2.202	0.04391	2.76510	8	X
K14U16W	16.1	0.15	K14AA	47.754	108.062	219.627	9.996	0.13168	3.15423	8	X
K14U17A	17.0	0.15	K14AA	313.599	132.366	314.604	1.003	0.14194	3.03304	8	X
K14U17B	16.9	0.15	K14AA	77.760	34.107	267.187	0.975	0.07593	2.88456	8	X
K14U17V	17.9	0.15	K14AA	23.890	140.161	222.962	12.786	0.17838	2.59506	7	X
K14U17W	16.4	0.15	K14AA	296.204	244.475	220.727	3.952	0.00589	2.71757	7	X
K14U18J	18.3	0.15	K14AA	21.691	208.348	158.457	0.918	0.13539	2.36540	7	X
K14U18K	17.0	0.15	K14AA	359.211	241.896	156.111	0.677	0.29030	3.01181	7	X
K14U18M	17.1	0.15	K14AA	355.433	1.488	44.812	17.350	0.19182	3.20295	7	X
K14U18N	16.3	0.15	K14AA	36.043	300.532	55.711	10.718	0.11403	3.13718	7	X
K14U18O	17.7	0.15	K14AA	318.126	256.183	192.421	2.949	0.10358	2.39448	7	X
K14U18S	17.5	0.15	K14AA	178.751	16.812	204.579	7.342	0.07511	2.35949	7	X
K14U18U	16.4	0.15	K14AA	276.269	338.398	163.427	3.309	0.13280	3.09155	7	X
K14U18V	18.6	0.15	K14AA	322.252	23.331	72.489	3.130	0.23748	2.45426	7	X
K14U18W	18.1	0.15	K14AA	351.075	283.544	126.738	2.286	0.15728	2.55771	7	X
K14U18X	17.1	0.15	K14AA	13.509	323.556	57.596	11.038	0.18021	3.20248	7	X
K14U18Z	15.6	0.15	K14AA	276.462	98.718	59.966	13.515	0.27124	3.21049	7	X
K14U19B	18.5	0.15	K14AA	35.814	227.393	114.510	2.272	0.23115	2.37540	7	X
K14U19H	18.4	0.15	K14AA	338.885	322.759	101.832	3.159	0.15643	2.33159	7	X
K14U19L	18.0	0.15	K14AA	311.669	37.905	57.700	10.586	0.10868	2.31758	7	X
K14U19M	16.9	0.15	K14AA	73.083	138.202	177.594	4.779	0.10841	2.69933	7	X
K14U19R	16.7	0.15	K14AA	166.080	26.694	208.529	13.982	0.06807	2.62196	7	X
K14U19T	17.3	0.15	K14AA	41.517	261.878	89.024	5.542	0.10879	2.73395	7	X
K14U19V	17.3	0.15	K14AA	156.551	117.699	123.926	4.323	0.09012	2.26174	7	X
K14U19W	19.3	0.15	K14AA	14.010	331.912	45.015	23.645	0.11189	1.88105	7	X
K14U20A	19.1	0.15	K14AA	347.005	287.101	115.961	1.086	0.17662	2.30694	7	X
K14U20B	17.3	0.15	K14AA	21.864	202.826	152.719	1.801	0.17106	3.06364	7	X
K14U20E	17.4	0.15	K14AA	55.819	266.520	50.148	3.649	0.12941	2.69331	7	X
K14U20J	18.1	0.15	K14AA	65.381	251.642	48.526	4.394	0.17730	2.33117	7	X
K14U20K	19.6	0.15	K14AA	37.748	133.660	215.619	21.289	0.13029	1.85917	7	X
K14U20O	18.7	0.15	K14AA	29.817	229.734	123.950	2.924	0.23348	2.34291	7	X
K14U20Q	16.9	0.15	K14AA	329.049	232.372	211.108	9.737	0.07964	2.60175	7	X
K14U20T	16.3	0.15	K14AA	52.356	289.580	41.223	18.606	0.04320	2.67304	7	X
K14U20V	15.4	0.15	K14AA	325.779	236.963	193.311	11.441	0.10209	3.16105	7	X
K14U20W	17.9	0.15	K14AA	323.289	32.120	75.489	9.252	0.29251	2.88715	10	X
K14U20Y	16.2	0.15	K14AA	35.307	182.189	150.211	4.334	0.23033	2.98569	7	X
K14U20Z	18.3	0.15	K14AA	10.501	289.450	97.415	5.429	0.22794	2.65678	7	X
K14U21B	17.3	0.15	K14AA	318.411	303.490	154.672	5.339	0.08670	2.75162	7	X
K14U21F	18.1	0.15	K14AA	261.529	68.940	78.989	4.825	0.05334	2.18344	7	X
K14U21G	18.2	0.15	K14AA	322.612	246.568	217.757	15.631	0.26256	2.58389	7	X
K14U21L	17.8	0.15	K14AA	2.625	207.519	189.795	3.731	0.19479	2.60926	7	X
K14U22G	17.4	0.15	K14AA	16.019	247.727	124.691	4.516	0.29220	2.54694	7	X
K14U23C	18.1	0.15	K14AA	26.319	218.755	134.236	2.182	0.21769	2.38505	6	X
K14U23F	17.0	0.15	K14AA	22.920	186.723	185.250	6.670	0.07468	2.58050	6	X
K14U23G	16.4	0.15	K14AA	48.052	146.278	199.983	10.944	0.08324	3.18427	6	X
K14U23H	17.6	0.15	K14AA	20.194	303.098	69.514	7.913	0.07984	2.24448	6	X
K14U23J	16.6	0.15	K14AA	52.321	237.177	92.785	6.544	0.18371	3.17060	6	X
K14U23Q	18.5	0.15	K14AA	350.661	233.448	181.855	6.581	0.31642	2.62902	6	X
K14U23U	17.8	0.15	K14AA	342.413	1.819	64.327	11.416	0.26784	2.72162	6	X
K14U23W	17.1	0.15	K14AA	355.356	246.230	158.412	5.373	0.14864	2.71696	6	X
K14U23X	16.9	0.15	K14AA	319.399	339.180	108.404	5.302	0.09130	2.68406	6	X
K14U23Y	18.3	0.15	K14AA	31.406	235.438	112.727	4.654	0.20350	2.18170	6	X
K14U24B	18.2	0.15	K14AA	33.965	262.524	76.875	7.820	0.26336	2.37879	6	X
K14U24E	18.4	0.15	K14AA	2.577	218.103	173.966	6.407	0.25644	2.64639	6	X
K14U24J	16.0	0.15	K14AA	330.067	245.365	193.754	12.704	0.07705	3.17614	6	X
K14U24L	18.0	0.15	K14AA	26.987	256.803	89.135	6.834	0.32411	2.74325	6	X
K14U24M	16.5	0.15	K14AA	350.365	296.810	118.327	7.020	0.10093	3.07402	6	X
K14U24N	16.4	0.15	K14AA	319.357	33.581	65.310	11.538	0.13841	3.10858	6	X
K14U24O	17.0	0.15	K14AA	37.294	137.071	209.923	8.983	0.25119	3.21252	6	X
K14U24R	17.8	0.15	K14AA	141.447	38.844	217.647	21.481	0.04751	1.85698	6	X
K14U24T	16.3	0.15	K14AA	291.355	74.297	72.369	11.364	0.23889	3.19876	6	X
K14U25N	16.5	0.15	K14AA	12.694	46.085	323.369	16.970	0.24338	3.11429	6	X
K14U25P	18.0	0.15	K14AA	30.325	124.088	210.938	8.084	0.19709	2.60416	5	X
K14U25T	18.4	0.15	K14AA	22.754	137.938	213.362	3.020	0.20202	2.77596	5	X
K14U25W	16.4	0.15	K14AA	298.343	263.297	207.444	16.826	0.20131	3.13271	5	X
K14U26F	18.1	0.15	K14AA	334.874	211.247	209.585	12.319	0.17360	2.76354	5	X
K14U26H	17.6	0.15	K14AA	292.759	258.317	208.768	11.328	0.12652	2.56728	5	X
K14U26P	17.6	0.15	K14AA	87.851	66.924	208.773	5.709	0.18798	2.28063	5	X
K14U27G	19.6	0.15	K14AA	13.966	348.833	8.107	1.627	0.27589	2.36679	5	X

K14U27L	18.6	0.15	K14AA	352.598	289.054	122.663	2.620	0.15736	2.38099	5 X
K14U27N	19.4	0.15	K14AA	0.932	308.927	86.313	4.674	0.28222	2.39855	5 X
K14U27O	17.3	0.15	K14AA	68.964	154.614	172.599	5.758	0.10589	2.66614	5 X
K14U27P	17.9	0.15	K14AA	347.650	291.384	128.126	4.213	0.09401	2.30798	5 X
K14U27R	17.4	0.15	K14AA	217.578	12.621	181.368	5.914	0.03474	2.41928	5 X
K14U27S	17.5	0.15	K14AA	32.078	125.962	215.309	25.062	0.16080	2.53725	5 X
K14U27Z	16.7	0.15	K14AA	29.417	326.576	46.518	13.003	0.11897	2.61403	5 X
K14U28A	15.5	0.15	K14AA	228.927	306.707	248.100	12.353	0.09680	3.07419	5 X
K14U28H	17.6	0.15	K14AA	50.698	286.541	44.257	11.954	0.24214	2.34345	5 X
K14U28N	16.5	0.15	K14AA	85.099	260.128	47.737	12.420	0.16548	2.53909	5 X
K14U28P	16.2	0.15	K14AA	52.231	297.831	46.287	11.149	0.16279	2.97494	5 X
K14U28S	15.7	0.15	K14AA	17.389	341.933	48.350	10.396	0.11996	3.10616	5 X
K14U28T	18.0	0.15	K14AA	18.976	350.041	25.692	2.679	0.23657	2.68428	5 X
K14U30D	16.6	0.15	K14AA	274.530	113.448	10.405	13.248	0.05113	2.87833	4 X
K14U30E	16.4	0.15	K14AA	173.726	339.520	237.426	13.872	0.10399	2.66934	4 X
K14U30F	17.2	0.15	K14AA	348.238	49.330	355.097	5.397	0.04891	2.70245	4 X
K14U30H	17.1	0.15	K14AA	343.969	60.113	352.271	4.075	0.12145	2.70495	4 X
K14U30P	17.5	0.15	K14AA	314.000	26.917	73.098	7.994	0.09750	2.33288	4 X
K14U30Q	19.2	0.15	K14AA	9.884	251.708	130.866	3.197	0.23875	2.39517	4 X
K14U30R	17.4	0.15	K14AA	50.123	234.129	107.693	5.771	0.16121	2.93315	4 X
K14U30S	18.4	0.15	K14AA	22.611	180.103	185.711	5.588	0.24480	2.44389	4 X
K14U30T	17.5	0.15	K14AA	346.937	2.806	40.198	2.217	0.06989	2.70492	4 X
K14U30Y	17.1	0.15	K14AA	69.049	99.934	208.207	4.973	0.09578	2.69153	4 X
K14U31A	19.2	0.15	K14AA	97.739	65.463	209.957	21.722	0.11738	1.89412	4 X
K14U31N	17.0	0.15	K14AA	57.367	90.501	230.174	6.983	0.24059	2.45839	4 X
K14U31R	17.7	0.15	K14AA	355.323	359.041	49.805	5.445	0.25633	2.64716	4 X
K14U31S	16.9	0.15	K14AA	37.032	118.781	229.385	9.796	0.24806	3.23625	4 X
K14U31T	16.0	0.15	K14AA	73.076	277.528	52.476	15.735	0.05389	3.09442	4 X
K14U32K	17.9	0.15	K14AA	304.493	270.531	212.659	9.981	0.21926	2.45600	3 X
K14U32N	18.6	0.15	K14AA	6.959	309.908	79.497	5.785	0.24715	2.48009	3 X
K14U32Y	17.6	0.15	K14AA	3.847	217.016	178.113	1.234	0.15459	2.36929	3 X
K14U33B	17.5	0.15	K14AA	293.777	129.825	327.267	19.088	0.12240	1.85793	2 X
K14U33F	17.6	0.15	K14AA	45.464	212.786	99.127	4.531	0.33797	2.37287	3 X
K14U33Y	16.7	0.15	K149K	268.119	208.627	264.510	22.105	0.11477	2.35360	35 X
K14U34E	18.7	0.15	K14AA	216.798	326.312	205.048	23.640	0.06194	1.83356	13 X
K14U34J	16.7	0.15	K14AA	83.000	352.526	310.481	13.822	0.15081	2.13955	2 X
K14U34O	19.1	0.15	K14AA	55.184	95.753	231.463	20.247	0.05383	1.86671	3 X
K14U34P	18.0	0.15	K14AA	151.867	255.715	339.851	18.128	0.05925	1.96801	2 X
K14U34Q	19.1	0.15	K149K	328.435	242.393	193.615	28.057	0.44398	2.55269	36 S
K14U34Y	18.3	0.15	K14AA	324.718	174.896	246.501	19.154	0.08490	1.85406	10 S
K14U35F	18.3	0.15	K14AA	336.085	172.678	244.814	1.541	0.20919	2.25670	7 X
K14U35K	18.3	0.15	K14AA	60.156	122.110	181.701	5.071	0.19732	2.27830	7 X
K14U35M	18.9	0.15	K14AA	28.239	168.347	176.244	3.887	0.17572	2.18673	7 X
K14U35T	16.6	0.15	K14AA	293.923	271.054	191.142	8.904	0.06994	3.17223	7 X
K14U35W	18.3	0.15	K14AA	28.515	219.581	119.899	3.099	0.23835	2.67703	7 X
K14U35Y	19.1	0.15	K14AA	16.375	304.967	52.500	6.385	0.21946	2.19067	7 X
K14U36A	17.2	0.15	K14AA	290.047	48.022	58.196	7.050	0.09094	2.47099	7 X
K14U36C	17.4	0.15	K14AA	330.635	318.803	102.967	3.927	0.09312	2.73112	7 X
K14U36J	18.0	0.15	K14AA	45.123	271.411	59.244	6.311	0.11151	2.54294	7 X
K14U36L	17.7	0.15	K14AA	341.792	230.297	177.953	6.669	0.08863	2.64271	7 X
K14U36N	17.3	0.15	K14AA	340.341	258.740	152.304	3.993	0.10478	2.79193	7 X
K14U36P	16.8	0.15	K14AA	163.325	169.381	52.471	8.329	0.08657	2.72779	7 X
K14U36V	17.8	0.15	K14AA	333.979	225.024	200.215	13.705	0.19349	3.20028	7 X
K14U37G	19.0	0.15	K14AA	16.915	317.962	42.959	6.777	0.16202	2.30307	7 X
K14U37H	18.7	0.15	K14AA	340.151	280.066	130.403	2.267	0.12154	2.37182	7 X
K14U37N	16.5	0.15	K14AA	48.959	289.103	47.873	10.331	0.00502	3.02522	7 X
K14U37S	16.7	0.15	K14AA	73.251	240.524	47.580	10.062	0.22158	3.13460	7 X
K14U37V	17.9	0.15	K14AA	309.119	13.759	78.658	3.661	0.16716	2.40940	7 X
K14U37W	17.5	0.15	K14AA	6.060	337.490	40.738	15.263	0.04477	2.58297	7 X
K14U38D	17.4	0.15	K14AA	38.679	258.823	78.810	4.193	0.11637	2.73817	7 X
K14U38P	18.6	0.15	K14AA	298.183	317.829	134.830	3.082	0.05560	2.14991	7 X
K14U40C	18.5	0.15	K14AA	3.273	339.692	39.847	15.760	0.23952	2.70023	7 X
K14U40D	16.9	0.15	K14AA	40.391	220.984	120.323	3.828	0.06653	2.70300	7 X
K14U40S	16.1	0.15	K14AA	103.565	14.571	231.456	1.610	0.31546	2.87365	5 X
K14U40T	16.0	0.15	K14AA	286.218	282.844	203.957	24.915	0.29721	3.21556	5 X
K14U44W	16.6	0.15	K14AA	26.469	115.981	244.317	5.357	0.18753	3.08654	4 X
K14U45B	17.7	0.15	K14AA	12.242	124.742	255.034	2.627	0.12450	2.33660	4 X
K14U50G	16.1	0.15	K14AA	59.968	269.655	30.641	23.212	0.20538	2.74136	4 X
K14U51L	17.0	0.15	K14AA	39.358	185.467	130.404	6.700	0.25283	2.38265	4 X
K14U51M	16.8	0.15	K14AA	316.356	359.938	135.880	26.610	0.20942	2.14899	2 X
K14U52E	18.0	0.15	K14AA	356.130	336.433	46.359	6.008	0.16831	2.29728	3 X
K14U52L	17.2	0.15	K14AA	347.231	110.956	290.515	0.028	0.23158	2.89779	3 X
K14U52N	16.3	0.15	K14AA	10.786	242.442	115.966	6.111	0.28280	3.93550	3 X
K14U52O	17.5	0.15	K14AA	348.805	146.102	263.676	11.513	0.28095	2.66353	2 W
K14U53K	16.3	0.15	K14AA	301.644	341.897	113.657	4.540	0.01462	2.72059	3 X
K14U53O	18.1	0.15	K14AA	6.314	279.944	101.764	3.345	0.19592	2.28248	3 X
K14U53P	16.9	0.15	K14AA	339.652	231.060	195.722	7.656	0.21217	2.81962	3 X
K14U53Q	16.3	0.15	K14AA	358.312	226.621	173.578	4.899	0.12248	3.03765	3 X
K14U53W	17.9	0.15	K14AA	14.969	33.053	335.682	1.617	0.27143	2.46460	3 X
K14U53Y	16.9	0.15	K14AA	25.168	312.053	41.188	9.559	0.30892	2.91631	3 X
K14U54H	18.4	0.15	K14AA	316.110	68.377	35.274	2.086	0.21291	2.31852	3 X
K14U54N	17.3	0.15	K14AA	356.405	178.494	230.193	11.876	0.11484	2.90132	3 X
K14U54Z	17.3	0.15	K14AA	36.074	257.555	83.187	5.754	0.25173	3.06053	2 X
K14U55A	17.4	0.15	K14AA	293.961	294.161	194.089	8.357	0.19805	2.75244	2 X
K14U55E	16.8	0.15	K14AA	318.552	337.458	114.861	4.964	0.14838	2.68970	2 X
K14U55F	17.9	0.15	K14AA	291.212	356.289	126.119	4.875	0.14668	2.34114	2 X
K14U55W	16.9	0.15	K14AA	323.920	16.339	57.465	12.918	0.22960	2.98254	2 X
K14U56J	18.5	0.15	K14AA	218.422	271.823	249.824	19.298	0.02161	1.88831	3EX
K14U56K	18.2	0.15	K14AA	278.541	212.923	260.304	17.848	0.10945	1.92101	3 X
K14U56L	18.3	0.15	K14AA	332.658	27.345	29.544	47.357	0.10883	2.30832	2 X
K14U56M	18.8	0.15	K14AA	297.779	248.725	211.794	37.409	0.08795	1.86770	1 X
K14U56N	18.2	0.15	K14AA	118.200	224.080	43.664	21.413	0.08094	1.89273	10ES

New observations:

J97V04M	C2014	10	25.53222	03	26	47.473+16	36	45.90	19.9	wLEU067F51
J97V04M	C2014	10	25.54514	03	26	46.192+16	36	47.27	19.8	wLEU067F51
J97V04M	C2014	10	25.55806	03	26	44.924+16	36	48.59	19.8	wLEU067F51

J98G10L	C2014	10	25.52344	03	55	10.108+09	18	22.99	19.7	wLEU067F51
J98G10L	C2014	10	25.53635	03	55	10.513+09	18	08.62	19.7	wLEU067F51
J98G10L	C2014	10	25.54925	03	55	10.915+09	17	54.40	19.7	wLEU067F51
J98G10L	C2014	10	25.56218	03	55	11.327+09	17	40.02	19.8	wLEU067F51
K00J10N	KC2014	10	26.37041704	45	58.83	+28 25	33.5		21.6	VuEU067H21
K00J10N	KC2014	10	26.37734704	45	58.34	+28 25	37.9		21.5	VuEU067H21
K00J10N	KC2014	10	26.38374304	45	57.87	+28 25	41.5		21.5	VuEU067H21
K01U16V	C2014	10	25.36969	01	29	45.037+02	47	08.19	19.8	wLEU067F51
K01U16V	C2014	10	25.38196	01	29	42.732+02	47	22.54	19.8	wLEU067F51
K02VB8D	KC2014	10	26.39651206	21	21.38	+34 19	40.4		21.2	VuEU067H21
K02VB8D	KC2014	10	26.40210106	21	22.24	+34 19	50.7		21.2	VuEU067H21
K02VB8D	KC2014	10	26.40717606	21	22.94	+34 20	01.1		21.2	VuEU067H21
K04T10G	C2014	10	25.20080	00	19	39.42	+03 05	34.3	20.6	VqEU067G96
K04T10G	C2014	10	25.20689	00	19	38.43	+03 05	27.6	20.6	VqEU067G96
K04T10G	C2014	10	25.21298	00	19	37.50	+03 05	20.7	20.8	VqEU067G96
K04T10G	C2014	10	25.21906	00	19	36.58	+03 05	13.9	20.9	VqEU067G96
K05GC8P	C2014	10	25.31594	23	41	40.157-07	00	22.26	20.7	wLEU067F51
K05GC8P	C2014	10	25.32907	23	41	40.351-07	00	21.38	20.7	wLEU067F51
K05GC8P	C2014	10	25.35531	23	41	40.707-07	00	20.07	20.7	wLEU067F51
K05M13M	C2014	10	20.29021	06	08	17.28	-29 07	15.6	20.5	VuEU067807
K05M13M	C2014	10	20.29580	06	08	17.26	-29 07	12.9	19.8	VuEU067807
K05M13M	C2014	10	20.30138	06	08	17.25	-29 07	10.3	20.2	VuEU067807
K05M13M	C2014	10	26.34525	06	07	21.96	-28 10	09.7	20.5	VuEU067807
K05M13M	C2014	10	26.34738	06	07	21.89	-28 10	08.1	20.1	VuEU067807
K05M13M	C2014	10	26.34932	06	07	21.81	-28 10	07.1	20.2	VuEU067807
K05N01K	C2014	10	20.99390	14	41	29.70	-83 36	46.2	18.7	VuEU067807
K05N01K	C2014	10	20.99708	14	41	29.52	-83 36	36.5	18.7	VuEU067807
K05N01K	C2014	10	21.00026	14	41	29.33	-83 36	26.8	18.8	VuEU067807
K05N01K	C2014	10	25.99849	14	38	23.31	-79 20	59.3	17.6	VuEU067807
K05N01K	C2014	10	26.00338	14	38	23.04	-79 20	42.7	18.7	VuEU067807
K05N01K	C2014	10	26.00797	14	38	22.98	-79 20	27.7	18.7	VuEU067807
K06SL7Y	C2014	10	25.25387	00	24	24.58	+05 13	34.0	19.3	VqEU067G96
K06SL7Y	C2014	10	25.25997	00	24	24.00	+05 13	44.8	19.3	VqEU067G96
K06SL7Y	C2014	10	25.26604	00	24	23.44	+05 13	55.4	19.3	VqEU067G96
K06SL7Y	C2014	10	25.27214	00	24	22.89	+05 14	06.0	19.3	VqEU067G96
K07G05W	C2014	10	25.40135	02	08	32.09	+12 32	09.0	20.1	VqEU067G96
K07G05W	C2014	10	25.40837	02	08	30.49	+12 32	23.7	20.3	VqEU067G96
K07G05W	C2014	10	25.41540	02	08	28.94	+12 32	38.2	20.2	VqEU067G96
K07G05W	C2014	10	25.42242	02	08	27.37	+12 32	52.6	20.2	VqEU067G96
K07N05C	C2014	10	26.31888	04	17	20.16	-14 35	06.8	20.0	VuEU067807
K07N05C	C2014	10	26.32252	04	17	19.92	-14 35	15.3	20.3	VuEU067807
K07N05C	C2014	10	26.32585	04	17	19.73	-14 35	22.6	20.5	VuEU067807
K07T25G	C2014	10	25.37248	01	02	23.015+03	55	32.19	19.3	wLEU067F51
K07T25G	C2014	10	25.38477	01	02	22.560+03	55	35.30	19.5	wLEU067F51
K07T25G	C2014	10	25.39706	01	02	22.087+03	55	38.51	19.8	wLEU067F51
K10C44N	C2014	09	18.19747	05	36	06.42	+20 28	23.0	21.4	RtEU067950
K10C44N	C2014	09	18.20392	05	36	07.71	+20 28	21.7	21.8	RtEU067950
K10M01F	C2014	10	25.21343	02	41	44.10	+40 00	52.8	19.2	RqEU067H15
K10M01F	C2014	10	25.22436	02	41	42.84	+40 00	40.8	19.4	RqEU067H15
K10M01F	C2014	10	25.23530	02	41	41.78	+40 00	29.8	20.0	RqEU067H15
K10M01F	C2014	10	25.24637	02	41	40.53	+40 00	17.4	19.4	RqEU067H15
K10A3C	C2014	10	25.47837	01	09	45.312+16	06	03.31	20.7	wLEU067F51
K10A3C	C2014	10	25.49060	01	09	43.248+16	05	59.07	20.5	wLEU067F51
K10A3C	C2014	10	25.50289	01	09	41.165+16	05	54.37	20.6	wLEU067F51
K10V72B	C2014	10	25.42056	02	02	50.794-05	39	06.17	19.7	wLEU067F51
K10V72B	C2014	10	25.43337	02	02	49.740-05	39	46.99	19.7	wLEU067F51
K10V72B	C2014	10	25.44620	02	02	48.689-05	40	27.89	19.8	wLEU067F51
K11E51M	C2014	10	25.34440	02	35	28.29	+08 26	38.4	21.0	VqEU067G96
K11E51M	C2014	10	25.35049	02	35	27.36	+08 26	34.5	20.6	VqEU067G96
K11E51M	C2014	10	25.35657	02	35	26.40	+08 26	30.8	20.8	VqEU067G96
K11E51M	C2014	10	25.36266	02	35	25.50	+08 26	27.5	20.6	VqEU067G96
K11H00F	C2014	10	25.09441	20	06	43.64	-16 59	55.4	18.9	VqEU067G96
K11H00F	C2014	10	25.10051	20	06	46.53	-17 00	13.3	18.9	VqEU067G96
K11H00F	C2014	10	25.11271	20	06	52.35	-17 00	49.1	18.9	VqEU067G96
K11W39D	KC2014	10	23.38751105	11	10.37	+33 27	24.9		22.5	VuEU067H21
K11W39D	KC2014	10	23.40079905	11	09.03	+33 27	12.2		22.4	VuEU067H21
K11W39D	KC2014	10	23.41452205	11	07.68	+33 26	59.4		22.3	VuEU067H21
K12T00T	C2014	10	25.12351	20	40	22.93	-17 24	50.7	20.5	VqEU067G96
K12T00T	C2014	10	25.12916	20	40	23.39	-17 24	41.6	20.1	VqEU067G96
K12T00T	C2014	10	25.13482	20	40	23.89	-17 24	32.9	20.5	VqEU067G96
K12T00T	C2014	10	25.14047	20	40	24.43	-17 24	23.8	20.1	VqEU067G96
K12T78S	C2014	10	25.22271	23	56	52.36	+07 47	46.3	21.7	RoEU067695
K12T78S	C2014	10	25.22806	23	56	51.85	+07 47	47.0	21.3	RoEU067695
K12T78S	C2014	10	25.23340	23	56	51.35	+07 47	47.3	21.3	RoEU067695
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K14HC3O	C2014	10	26.07283	22	02	15.12	-16 54	29.2	22.1	VuEU067807
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K14HC3O	C2014	10	26.08978	22	02	17.62	-16 53	53.6	22.1	VuEU067807
K14K46E	KC2014	10	26.06559322	46	08.47	+14 37	55.2		21.8	VuEU067H21
K14K46E	KC2014	10	26.07668622	46	10.07	+14 37	47.2		21.7	VuEU067H21
K14K46E	KC2014	10	26.08787322	46	11.61	+14 37	40.9		22.0	VuEU067H21
K14N39C	C2014	10	26.23320	02	15	20.62	-20 32	58.3	21.2	VuEU067807
K14N39C	C2014	10	26.23891	02	15	20.52	-20 32	51.1	21.0	VuEU067807
K14N39C	C2014	10	26.24455	02	15	20.38	-20 32	45.3	20.9	VuEU067807
K14QQ6K	C2014	10	26.01887	20	16	58.47	-11 08	21.5	21.1	VuEU067807
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K14Qh2Z	C2014	10	25.17451	00	04	21.75	+00 47	38.4	21.6	VqEU067G96
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K14R11F	C2014	10	26.20571	02	09	29.97	-36 29	27.4	21.4	VuEU067807
K14R11F	C2014	10	26.21272	02	09	30.11	-36 29	25.1	21.2	VuEU067807
K14R11F	C2014	10	26.21996	02	09	30.27	-36 29	23.9	21.5	VuEU067807
K14R30X	C2014	10	26.05170	21	27	10.63	-29 51	26.1	20.3	VuEU067807
K14R30X	C2014	10	26.05565	21	27	10.89	-29 51	34.1	20.5	VuEU067807
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 K14SQ0P C2014 10 26.14279 00 25 03.46 -26 21 47.0
 K14SQ0P C2014 10 26.15156 00 25 04.96 -26 22 13.8
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 K14T00W 2C2014 10 21.34093622 20 58.820+35 25 19.08
 K14T00Z C2014 10 25.23344 01 45 24.11 +20 07 59.7
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 K14T57W 2C2014 10 21.64794809 32 04.014+23 47 28.52
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K14U00Y	KC2014	10	25.41658402	06	49.31	+19	01	53.5		20.8	RqEU067V37
K14U00Y	KC2014	10	25.42515902	06	49.22	+19	01	35.7		20.9	RqEU067V37
K14U00Y	KC2014	10	26.30855	02	07	03.98	+18	31	55.2	20.5	RqEU067H36
K14U00Y	KC2014	10	26.31891	02	07	03.74	+18	31	35.0	20.0	RqEU067H36
K14U05G	KC2014	10	26.35142206	10	46.67	+05	42	17.1		20.8	VuEU067H21
K14U05G	KC2014	10	26.35550906	10	50.20	+05	41	47.9		20.5	VuEU067H21
K14U05G	KC2014	10	26.35971706	10	53.82	+05	41	17.4		20.5	VuEU067H21
K14U07R	JC2014	10	26.25732	01	37	54.22	+04	38	49.5	21.0	RoEU067695
K14U07R	JC2014	10	26.25919	01	37	54.65	+04	38	44.6	21.0	RoEU067695
K14U07R	JC2014	10	26.26105	01	37	55.08	+04	38	39.9	21.1	RoEU067695
K14U07R	JC2014	10	26.26290	01	37	55.51	+04	38	35.0	21.3	RoEU067695
K14U07S	KC2014	10	25.11785023	54	23.42	+23	31	27.3		20.6	VuEU067H21
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K14U07S	KC2014	10	25.13137623	54	15.50	+23	31	46.4		21.0	VuEU067H21
K14U07S	JC2014	10	26.13817	23	46	50.56	+23	51	57.5	20.1	RoEU067695
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K14U07X	C2014	10	25.34789	02	24	02.67	+07	18	16.7	19.7	VqEU067G96
K14U07X	C2014	10	25.35397	02	24	02.57	+07	17	39.6	20.5	VqEU067G96
K14U07X	C2014	10	25.36006	02	24	02.49	+07	17	02.4	20.6	VqEU067G96
K14U07X	C2014	10	25.36615	02	24	02.38	+07	16	25.4	20.6	VqEU067G96
K14U07X	KC2014	10	26.33442	02	24	27.31	+05	39	28.3	20.8	RqEU067H36
K14U07X	KC2014	10	26.36571	02	24	27.12	+05	36	22.3	20.7	RqEU067H36
K14U07Y	C2014	10	26.29600	04	25	34.14	+05	22	46.3	20.4	VuEU067807
K14U07Y	C2014	10	26.29967	04	25	36.02	+05	22	46.8	20.5	VuEU067807
K14U07Y	C2014	10	26.30344	04	25	37.97	+05	22	47.6	20.4	VuEU067807
K14U08F	JC2014	10	26.26906	01	42	22.77	+33	10	54.5	19.1	RoEU067695
K14U08F	JC2014	10	26.26978	01	42	22.77	+33	11	08.3	19.2	RoEU067695
K14U08F	JC2014	10	26.27048	01	42	22.76	+33	11	22.4	19.2	RoEU067695
K14U08F	JC2014	10	26.27118	01	42	22.76	+33	11	36.1	19.2	RoEU067695
K14U32Z	KC2014	10	26.23249801	28	21.82	+35	14	54.1		19.7	VuEU067H21
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K14U33A	C2014	10	26.27032	03	36	26.89	-14	51	42.9	20.5	VuEU067807
K14U33A	C2014	10	26.27506	03	36	27.58	-14	51	45.9	20.5	VuEU067807
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K14U33O	KC2014	10	26.30793502	47	59.25	+06	32	01.3		19.4	VuEU067H21
K14U33O	KC2014	10	26.31066002	47	59.32	+06	32	16.0		19.4	VuEU067H21
K14U33O	KC2014	10	26.31338402	47	59.39	+06	32	30.7		19.3	VuEU067H21
K14U33Q	KC2014	10	25.51155	03	04	25.51	+15	30	45.1	20.7	RoEU067291
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K14U33T	KC2014	10	26.32036103	24	33.66	+16	10	12.2		19.7	VuEU067H21
K14U33T	KC2014	10	26.32424803	24	34.39	+16	10	32.8		19.8	VuEU067H21
K14U33T	KC2014	10	26.32767903	24	35.05	+16	10	51.0		19.6	VuEU067H21
K14U33W	KC2014	10	26.27336501	48	02.54	+20	33	12.3		19.1	VuEU067H21
K14U33W	KC2014	10	26.27565601	48	01.66	+20	32	56.4		19.3	VuEU067H21
K14U33W	KC2014	10	26.27810001	48	00.72	+20	32	39.3		19.3	VuEU067H21
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K14U33X	KC2014	10	26.21955523	49	25.31	+39	28	37.0		21.8	VuEU067H21
K14U34R	C2014	10	26.28847	04	13	32.68	-32	51	33.7	19.9	VuEU067807
K14U34R	C2014	10	26.29220	04	13	38.48	-32	52	08.2	19.9	VuEU067807
K14U34R	C2014	10	26.29603	04	13	44.45	-32	52	43.3	20.3	VuEU067807
K14U34T	KC2014	10	26.28706602	07	27.56	+33	46	29.3		20.9	VuEU067H21
K14U34T	KC2014	10	26.29271702	07	28.73	+33	45	36.7		20.9	VuEU067H21
K14U34T	KC2014	10	26.29832602	07	29.94	+33	44	45.0		21.2	VuEU067H21
K14U34U	KC2014	10	26.26022401	36	49.08	+41	46	14.9		20.7	VuEU067H21
K14U34U	KC2014	10	26.26204001	36	49.01	+41	46	20.1		20.9	VuEU067H21
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K14U34V	KC2014	10	25.39425	04	07	40.96	+01	03	13.5	19.6	RqEU067448
K14U34V	KC2014	10	25.41201	04	07	35.07	+01	00	42.6	19.6	RqEU067448
K14U34V	C2014	10	26.30386	04	03	45.83	-00	56	38.8	19.9	VuEU067807
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K14U34V	KC2014	10	26.33651504	03	38.80	-01	04	06.5		19.4	VuEU067H21
K14U34V	KC2014	10	26.34005304	03	37.70	-01	04	33.8		20.1	VuEU067H21
K14U34V	KC2014	10	26.34441204	03	36.38	-01	05	07.4		20.0	VuEU067H21
K14U34X	C2014	10	26.25405	02	48	43.28	-25	04	29.9	19.5	VuEU067807
K14U34X	C2014	10	26.25775	02	48	41.66	-25	04	40.3	19.5	VuEU067807
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K14U34X	KC2014	10	26.38522	02	47	49.66	-25	11	40.9	19.7	RoEU067291
K14U34X	KC2014	10	26.38600	02	47	49.31	-25	11	42.9	19.7	RoEU067291
K14U34X	KC2014	10	26.38678	02	47	48.99	-25	11	44.9	19.7	RoEU067291
K14U56F	KC2014	10	25.84745	00	12	53.24	+04	54	12.2	19.6	VtEU067L04
K14U56F	KC2014	10	25.85310	00	12	49.17	+04	54	01.5	19.7	VtEU067L04
K14U56F	KC2014	10	25.86006	00	12	44.22	+04	53	49.2	19.9	VtEU067L04
K14U56F	JC2014	10	26.19947	00	09	15.45	+04	44	01.0	18.7	RoEU067695
K14U56F	JC2014	10	26.20013	00	09	14.77	+04	43	59.4	18.8	RoEU067695
K14U56F	JC2014	10	26.20077	00	09	14.12	+04	43	57.8	18.7	RoEU067695
K14U56F	JC2014	10	26.20141	00	09	13.46	+04	43	56.2	18.7	RoEU067695
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K14U56F	JC2014	10	26.31172	00	07	12.87	+04	38	45.4	18.9	RoEU067695
K14U56F	JC2014	10	26.31236	00	07	12.14	+04	38	43.4	18.5	RoEU067695
K14U56F	JC2014	10	26.31301	00	07	11.41	+04	38	41.4	18.6	RoEU067695
01620	C2014	10	25.47720	09	35	05.36	+26	50	36.0	18.2	VqEU067703
01620	C2014	10	25.48323	09	35	06.21	+26	50	32.6	17.9	VqEU067703
01620	C2014	10	25.48927	09	35	07.01	+26	50	29.5	18.1	VqEU067703
01620	C2014	10	25.49528	09	35	07.88	+26	50	26.4	17.9	VqEU067703
01862	C2014	10	25.44866	08	30	56.92	+24	46	09.5	17.3	VqEU067703
01862	C2014	10	25.45740	08	30	57.01	+24	46	15.1	17.6	VqEU067703
01862	C2014	10	25.46627	08	30	57.10	+24	46	20.6	17.7	VqEU067703
01862	C2014	10	25.47496	08	30	57.17	+24	46	25.7	17.4	VqEU067703
01917	KC2014	10	24.71854	18	05	41.08	-05	26	58.9	17.5	RqEU067160

01917	KC2014	10	24.72047	18	05	41.36	-05	27	00.7	17.4	RqEU067160
01917	KC2014	10	24.72240	18	05	41.66	-05	27	02.0	17.3	RqEU067160
02063	C2014	10	25.99723	18	23	07.35	-31	46	55.3	20.3	VuEU067807
02063	C2014	10	26.00054	18	23	07.93	-31	46	54.2	20.3	VuEU067807
02063	C2014	10	26.00385	18	23	08.43	-31	46	51.4	19.3	VuEU067807
02201	C2014	10	25.37844	01	40	51.140	+07	15	11.10	18.7	wLEU067F51
02201	C2014	10	25.39070	01	40	50.056	+07	15	05.22	18.7	wLEU067F51
02201	C2014	10	25.40300	01	40	48.963	+07	14	59.37	18.7	wLEU067F51
02212	C2014	10	25.58012	03	23	16.488	+24	23	36.68	19.0	wLEU067F51
02212	C2014	10	25.59204	03	23	15.682	+24	23	34.90	19.0	wLEU067F51
02212	C2014	10	25.60391	03	23	14.879	+24	23	33.10	19.0	wLEU067F51
03200	KC2014	10	25.08073	05	28	59.50	+38	28	48.3	17.6	VqEU067Z81
03200	KC2014	10	25.10754	05	28	57.62	+38	28	56.5	17.9	VqEU067Z81
03200	KC2014	10	25.13519	05	28	55.71	+38	29	04.6	17.6	VqEU067Z81
04183	C2014	10	25.41350	07	36	41.01	+30	11	32.9	16.2	VqEU067703
04183	C2014	10	25.42112	07	36	42.80	+30	11	29.7	16.2	VqEU067703
04183	C2014	10	25.42873	07	36	44.61	+30	11	26.2	16.4	VqEU067703
04183	C2014	10	25.43636	07	36	46.41	+30	11	23.2	16.6	VqEU067703
04401	KC2014	10	24.82476	03	11	07.01	+45	59	45.8	15.6	VuEU067476
04401	KC2014	10	24.82577	03	11	06.86	+45	59	53.7	15.6	VuEU067476
04401	KC2014	10	24.82962	03	11	06.50	+46	00	15.1	15.5	VuEU067476
04401	KC2014	10	24.82986	03	11	06.64	+46	00	15.9	15.6	VuEU067476
04401	KC2014	10	24.83503	03	11	06.07	+46	00	44.2	15.6	VuEU067476
04401	KC2014	10	25.89666	03	09	39.02	+47	41	01.5	15.4	VvEU067I76
04401	KC2014	10	25.89722	03	09	38.96	+47	41	04.9	15.4	VvEU067I76
04401	KC2014	10	25.89778	03	09	38.93	+47	41	08.2	15.5	VvEU067I76
04401	KC2014	10	25.89835	03	09	38.87	+47	41	11.3	15.3	VvEU067I76
04401	KC2014	10	25.89891	03	09	38.82	+47	41	14.6	15.4	VvEU067I76
04401	KC2014	10	25.89947	03	09	38.77	+47	41	17.7	15.3	VvEU067I76
05496	C2014	10	25.48273	09	50	34.80	+26	38	41.2	19.9	VqEU067703
05496	C2014	10	25.48876	09	50	35.73	+26	38	46.6	19.6	VqEU067703
05496	C2014	10	25.49478	09	50	36.62	+26	38	54.5	19.5	VqEU067703
08037	C2014	10	25.31529	23	26	28.034	-06	15	26.22	19.4	wLEU067F51
08037	C2014	10	25.34152	23	26	26.641	-06	15	28.20	19.4	wLEU067F51
08037	C2014	10	25.35466	23	26	25.941	-06	15	28.99	19.4	wLEU067F51
08567	C2014	10	25.44602	07	31	32.91	+09	06	38.6	17.5	RoEU067926
08567	C2014	10	25.46440	07	31	33.88	+09	06	28.2	17.5	RoEU067926
08567	C2014	10	25.49067	07	31	35.29	+09	06	13.4	17.7	RoEU067926
12538	C2014	10	25.23600	01	56	20.56	+19	39	12.7	17.6	VqEU067703
12538	C2014	10	25.24518	01	56	19.67	+19	38	59.8	17.7	VqEU067703
12538	C2014	10	25.25432	01	56	18.82	+19	38	47.9	17.6	VqEU067703
12538	C2014	10	25.26348	01	56	17.89	+19	38	35.6	17.6	VqEU067703
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15817	KC2014	10	25.45103	05	14	11.09	-07	51	29.8	18.7	RqEU067448
15817	KC2014	10	25.46362	05	14	10.86	-07	51	46.6	19.2	RqEU067448
18736	C2014	10	25.23956	01	41	52.03	+15	24	08.6	18.8	VqEU067703
18736	C2014	10	25.25788	01	41	50.88	+15	24	03.9	18.9	VqEU067703
18736	C2014	10	25.26703	01	41	50.28	+15	23	59.8	19.1	VqEU067703
18736	C2014	10	25.47022	01	41	35.814	+15	22	42.66	19.3	wLEU067F51
18736	C2014	10	25.48245	01	41	34.928	+15	22	37.86	19.3	wLEU067F51
18736	C2014	10	25.49471	01	41	34.047	+15	22	33.16	19.3	wLEU067F51
18736	C2014	10	25.50699	01	41	33.160	+15	22	28.30	19.4	wLEU067F51
24475	C2014	10	25.50085	10	40	00.46	+15	23	27.5	19.0	VqEU067703
24475	C2014	10	25.50488	10	40	01.50	+15	23	24.6	18.8	VqEU067703
24475	C2014	10	25.50890	10	40	02.45	+15	23	21.2	18.8	VqEU067703
24475	C2014	10	25.51293	10	40	03.54	+15	23	19.1	18.9	VqEU067703
30825	C2014	10	25.36304	04	17	02.98	+15	17	03.2	21.1	VoEU067691
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36017	C2014	10	25.74106	20	49	41.15	+15	33	16.4	17.1	RaEU067233
36017	C2014	10	25.74437	20	49	41.85	+15	33	26.6	17.6	RaEU067233
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36017	C2014	10	25.76314	20	49	45.70	+15	34	25.6	17.5	RaEU067233
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40263	S2014	10	14.63590	19	38	15.68	-15	17	54.3		LEU067C51
40263	s2014	10	14.63590	1	+ 3286.7250	- 5799.4135	- 1726.1916				EU067C51
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40263	S2014	10	15.16180	19	39	48.97	-15	32	48.1		LEU067C51
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40263	S2014	10	16.27970	19	43	09.06	-16	03	55.7		LEU067C51
40263	s2014	10	16.27970	1	+ 3450.2468	- 5681.3987	- 1798.2017				EU067C51
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 H2034 C2014 10 26.01011020 16 56.79 -03 37 26.4

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J0208	KC2014	10	25.10491	22	09	53.34	+01	06	31.3	17.7	RqEU067448
J0208	KC2014	10	25.10962	22	09	53.23	+01	06	33.5	17.6	RqEU067448
J0208	KC2014	10	25.11447	22	09	53.10	+01	06	35.6	17.6	RqEU067448
J0208	KC2014	10	25.11997	22	09	52.98	+01	06	37.9	17.7	RqEU067448
M2073	C2014	10	26.35936	06	05	58.05	-02	46	45.6	19.5	VuEU067807
M2073	C2014	10	26.36235	06	05	58.03	-02	46	55.0	19.6	VuEU067807
M2073	C2014	10	26.36564	06	05	58.01	-02	47	05.5	19.4	VuEU067807
M4926	KC2014	10	25.05785	21	01	11.95	+23	53	33.3	19.5	RqEU067448
M4926	KC2014	10	25.06919	21	01	14.00	+23	53	11.2	19.8	RqEU067448
M4926	KC2014	10	25.08342	21	01	16.71	+23	52	43.6	19.4	RqEU067448
N5086	C2014	10	25.41727	01	35	24.048	-05	21	48.03	18.7	wLEU067F51
N5086	C2014	10	25.43008	01	35	23.337	-05	21	50.43	18.5	wLEU067F51
N5086	C2014	10	25.44290	01	35	22.621	-05	21	52.86	18.4	wLEU067F51
N5086	C2014	10	25.45575	01	35	21.916	-05	21	55.29	18.4	wLEU067F51
Q7270	C2014	10	25.28397	05	18	43.20	+43	25	28.5	18.8	RoEU067926
Q7270	C2014	10	25.30861	05	18	47.62	+43	26	03.2	19.2	RoEU067926
Q7270	C2014	10	25.32678	05	18	50.85	+43	26	29.1	19.2	RoEU067926
S5944	S2014	10	15.17250	18	54	13.40	+41	21	42.1		LEU067C51
S5944	s2014	10	15.17250	1	+	1830.3977	-	4713.8258	+ 4658.0005		EU067C51
S5944	S2014	10	15.36975	18	54	26.36	+41	22	25.0		LEU067C51
S5944	s2014	10	15.36975	1	+	1852.9242	-	4716.1668	+ 4646.6949		EU067C51
S5944	S2014	10	15.50129	18	54	35.04	+41	22	54.7		LEU067C51
S5944	s2014	10	15.50129	1	+	1856.5156	-	4702.1064	+ 4659.4101		EU067C51
S5944	S2014	10	15.63270	18	54	43.82	+41	23	21.7		LEU067C51
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S5944	S2014	10	15.63283	18	54	43.75	+41	23	21.8		LEU067C51
S5944	s2014	10	15.63283	1	+	1860.0070	-	4687.9786	+ 4672.1525		EU067C51
S5944	S2014	10	15.76424	18	54	52.65	+41	23	50.1		LEU067C51
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S5944	S2014	10	15.89578	18	55	01.37	+41	24	17.9		LEU067C51
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T0772	C2014	10	25.22791	00	00	37.37	+04	23	20.8	21.2	VqEU067G96
T0772	C2014	10	25.23473	00	00	36.93	+04	23	17.4	21.5	VqEU067G96
T0772	C2014	10	25.24155	00	00	36.54	+04	23	14.1	21.7	VqEU067G96
T0772	C2014	10	25.24836	00	00	36.15	+04	23	10.9	21.6	VqEU067G96
a8184	S2014	10	14.13240	08	43	09.34	+70	32	29.1		LEU067C51
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e5427	C2014	10	25.19980	00	22	20.37	+01	52	59.1	20.7	VqEU067G96
e5427	C2014	10	25.20589	00	22	20.12	+01	52	55.8	20.8	VqEU067G96
e5427	C2014	10	25.21198	00	22	19.87	+01	52	52.4	20.6	VqEU067G96
e5427	C2014	10	25.21807	00	22	19.62	+01	52	48.9	20.3	VqEU067G96
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e5562	C2014	10	25.26608	21	53	42.828	-03	32	50.67	18.2	wLEU067F51
e5562	C2014	10	25.27857	21	53	44.264	-03	32	49.59	18.2	wLEU067F51
e8751	C2014	10	25.31529	23	29	13.689	-06	44	55.09	18.4	wLEU067F51
e8751	C2014	10	25.32841	23	29	16.253	-06	44	43.27	18.4	wLEU067F51
e8751	C2014	10	25.34152	23	29	18.810	-06	44	31.43	18.3	wLEU067F51
e8751	C2014	10	25.35466	23	29	21.392	-06	44	19.32	18.4	wLEU067F51
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e8869	C2014	10	25.37844	01	40	05.858	+06	29	43.53	20.2	wLEU067F51
e8869	C2014	10	25.39070	01	40	05.086	+06	29	28.80	20.2	wLEU067F51
e8869	C2014	10	25.40300	01	40	04.291	+06	29	14.68	20.2	wLEU067F51
f1655	C2014	10	25.24592	21	01	01.166	-05	44	28.06	20.2	wLEU067F51
f1655	C2014	10	25.25840	21	01	03.521	-05	44	14.08	20.0	wLEU067F51
f1655	C2014	10	25.28339	21	01	08.245	-05	43	46.56	19.9	wLEU067F51

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- J97B01 (the packed version of the full form)
- B01 (the abbreviated form)

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