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MPEC 2013-T94 : DAILY ORBIT UPDATE (2013 OCT. 13 UT)

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M.P.E.C. 2013-T94

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DAILY ORBIT UPDATE (2013 OCT. 13 UT)

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New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
J95K04J	16.3	0.15	K13B4	78.629	209.018	65.115	3.994	0.23241	3.15429	5	X
J95U31B	17.6	0.15	K13B4	7.720	168.711	203.415	7.385	0.11892	2.75119	5	X
J95U73B	18.5	0.15	K13B4	3.431	259.866	133.077	1.787	0.18533	2.34186	4	X
J96T06P	20.0	0.15	K13B4	22.790	251.836	38.436	9.284	0.63908	2.63453	2	X
J96V31V	16.4	0.15	K13B4	289.655	138.907	331.110	8.201	0.06147	3.16594	8	X
J98Q01G	17.8	0.15	K13B4	88.982	54.930	196.899	6.405	0.44342	2.37583	4	X
J98Y08B	18.9	0.15	K13B4	342.421	342.886	106.629	8.881	0.46873	2.42159	5	X
J99C74D	16.4	0.15	K13B4	173.016	43.662	160.494	6.243	0.11418	2.55162	7	X
J99T22A	16.8	0.15	K13B4	303.858	277.344	167.119	3.931	0.07268	2.78427	5	X
J99T34O	16.8	0.15	K13B4	3.676	211.368	180.190	12.021	0.34695	2.78388	4	X
J99T60T	18.7	0.15	K13B4	21.822	143.388	211.040	3.849	0.21768	2.29626	3	X
J99TF6Z	18.0	0.15	K13B4	40.977	135.430	209.273	4.356	0.22438	2.28657	3	X
J99TX2Q	16.7	0.15	K13B4	321.790	71.911	4.394	4.086	0.09924	2.79212	7	X
J99U04Y	17.7	0.15	K13B4	338.733	29.339	36.093	6.321	0.23859	2.31334	5	X
J99VD8B	17.7	0.15	K13B4	0.731	340.477	37.912	10.312	0.34890	2.31878	3	X
K00E52S	17.9	0.15	K13B4	343.453	239.340	169.428	1.604	0.18211	2.39946	7	X
K00F06D	15.7	0.15	K13B4	122.785	242.147	16.366	16.372	0.18611	3.12371	5	X
K00H23W	18.4	0.15	K13B4	63.372	244.706	46.608	7.756	0.42380	2.15431	4	X
K00QE8Q	16.4	0.15	K13B4	17.898	354.712	353.491	13.140	0.29506	2.64292	2	X
K00QMLJ	16.5	0.15	K13B4	36.977	192.326	132.618	15.245	0.26393	2.62808	5	X
K00S42O	16.8	0.15	K13B4	56.716	109.223	172.397	10.804	0.43869	2.64820	5	X
K00SM9J	17.5	0.15	K13B4	6.090	6.325	16.608	8.819	0.33627	2.65907	2	X
K00SW5R	15.8	0.15	K13B4	336.641	255.323	176.904	12.954	0.35128	3.46406	3	X
K00Sa2H	17.7	0.15	K13B4	1.866	260.654	135.101	7.273	0.28092	2.64068	3	X
K00V01R	16.8	0.15	K13B4	25.516	300.302	41.613	14.132	0.21924	2.68162	4	X
K00V03B	16.8	0.15	K13B4	329.485	221.023	220.789	7.184	0.24847	2.67039	7	X
K00W23W	16.4	0.15	K13B4	23.957	307.905	55.200	14.066	0.16794	2.68950	7	X
K00X14J	16.6	0.15	K13B4	39.974	95.777	292.200	15.723	0.35216	2.60772	3	X
K01B79H	16.9	0.15	K13B4	8.851	135.941	313.685	10.090	0.24251	2.65141	4	X
K01P16X	16.2	0.15	K13B4	97.791	68.956	220.755	14.064	0.18869	3.13924	5	X
K01QC9S	16.0	0.15	K13B4	13.513	201.088	169.836	19.190	0.26557	3.21919	3	X
K01QG2E	15.4	0.15	K13B4	67.686	314.398	351.866	11.310	0.16364	3.19486	5	X
K01R98D	16.4	0.15	K13B4	342.543	99.512	193.439	12.428	0.11892	2.67552	4	S
K01RF0C	16.0	0.15	K13B4	32.757	190.975	156.276	19.354	0.18264	3.22898	4	X
K01SK6G	16.0	0.15	K13B4	15.198	347.351	34.902	0.363	0.18148	3.22509	5	X
K01SQ8T	15.7	0.15	K13B4	349.647	239.168	171.914	22.758	0.12702	3.20253	7	X
K01SV6S	16.6	0.15	K13B4	348.021	109.328	319.476	8.304	0.26794	2.52357	4	X
K01TG9R	16.4	0.15	K13B4	13.315	350.675	17.822	17.923	0.18630	2.54531	4	X

K01TH4X	17.4	0.15	K13B4	4.804	346.367	26.694	11.705	0.21267	2.52479	5	X
K01TP2Q	18.1	0.15	K13B4	52.125	140.888	174.390	8.512	0.09823	2.52867	5	X
K01U60R	17.0	0.15	K13B4	52.693	357.444	341.598	4.813	0.21178	2.48871	6	X
K01UE3S	15.9	0.15	K13B4	358.326	238.963	170.027	0.870	0.26058	3.29252	5	X
K01UK9S	15.5	0.15	K13B4	40.566	320.042	88.680	17.788	0.22105	3.16162	5	X
K01UM7F	17.3	0.15	K13B4	8.732	290.009	86.560	3.930	0.17426	2.51829	7	X
K01V30X	16.8	0.15	K13B4	320.687	28.363	55.398	3.457	0.22537	2.55771	5	X
K01V95P	16.4	0.15	K13B4	348.365	212.933	202.479	14.668	0.11162	2.53363	6	X
K01XC2P	17.8	0.15	K13B4	347.655	317.122	84.978	3.568	0.21918	2.55032	4	X
K01XK6P	16.9	0.15	K13B4	328.578	333.341	100.446	10.198	0.18291	2.55761	4	X
K01XQ2V	17.6	0.15	K13B4	348.134	196.417	227.161	1.543	0.18790	2.52812	4	X
K01Y05F	16.4	0.15	K13B4	320.273	345.419	92.929	15.372	0.22022	2.59662	4	X
K01Y53E	15.7	0.15	K13B4	285.036	216.714	278.552	9.940	0.07549	2.55559	6	X
K02A97M	16.1	0.15	K13B4	0.919	296.324	105.409	12.677	0.18609	2.57884	6	X
K02CC2A	16.6	0.15	K13B4	329.824	283.382	156.373	7.145	0.19527	2.59530	5	X
K02CL7A	17.2	0.15	K13B4	332.434	314.311	132.211	5.622	0.29434	2.58887	4	X
K02CUC5Z	16.7	0.15	K13B4	268.381	325.709	180.485	7.424	0.13363	2.61571	7	X
K02D07E	15.9	0.15	K13B4	290.544	96.227	34.671	13.382	0.28429	2.59725	5	X
K02E93W	16.8	0.15	K13B4	334.540	285.223	149.753	6.044	0.25515	2.60957	4	X
K02EG2M	16.1	0.15	K13B4	99.569	82.318	215.465	10.522	0.07185	2.78140	5	X
K02G00Z	16.0	0.15	K13B4	174.751	184.378	18.413	36.106	0.09956	2.77928	4	X
K02G04Q	17.6	0.15	K13B4	346.369	213.653	194.728	23.998	0.00216	1.86142	5	X
K02G84Q	16.1	0.15	K13B4	265.641	108.002	48.461	13.618	0.22772	2.66964	5	X
K02JALJ	16.9	0.15	K13B4	60.201	140.622	156.466	14.108	0.31866	2.31700	5	X
K02JFOH	16.7	0.15	K13B4	97.616	76.853	217.988	14.335	0.14090	2.84584	4	X
K02L31R	16.9	0.15	K13B4	57.993	226.457	74.690	6.437	0.27820	2.31305	4	X
K02O19W	16.7	0.15	K13B4	38.209	99.917	303.220	19.450	0.38394	2.30339	5	X
K02P09J	15.3	0.15	K13B4	353.181	141.701	262.305	5.450	0.25888	3.00756	6	X
K02P27Q	18.1	0.15	K13B4	46.140	175.971	152.253	3.196	0.23984	2.33716	4	X
K02P80U	18.0	0.15	K13B4	27.906	283.753	58.101	2.191	0.20336	2.35050	4	X
K02P81H	16.6	0.15	K13B4	103.748	68.699	181.219	10.450	0.26770	2.98338	3	X
K02PAOS	16.1	0.15	K13B4	2.400	237.507	135.125	14.206	0.17682	3.04921	4	X
K02PH2A	16.1	0.15	K13B4	0.726	107.607	287.042	3.853	0.22632	3.01128	7	X
K02PIOR	18.0	0.15	K13B4	45.096	143.202	175.944	2.279	0.19781	2.34607	4	X
K02PKOK	16.8	0.15	K13B4	14.906	255.098	100.377	5.637	0.29521	3.05759	3	X
K02Q06D	15.2	0.15	K13B4	13.228	76.889	273.203	25.500	0.18595	3.11450	4	X
K02Q16M	16.3	0.15	K13B4	6.253	44.395	316.747	10.617	0.33344	3.09580	3	X
K02Q32N	17.7	0.15	K13B4	355.419	26.160	12.117	5.106	0.25167	2.35423	2	X
K02Q35Q	17.9	0.15	K13B4	54.851	218.243	84.908	3.091	0.22788	2.35792	5	X
K02Q44O	15.8	0.15	K13B4	17.091	255.825	110.899	9.823	0.10739	3.01122	7	X
K02Q56V	16.8	0.15	K13B4	30.765	264.297	64.928	2.778	0.27842	3.07548	4	X
K02Q67U	18.0	0.15	K13B4	64.958	100.643	217.051	1.769	0.20636	2.32716	4	X
K02Q73W	16.2	0.15	K13B4	42.368	302.331	19.515	4.166	0.16592	3.05098	5	X
K02Q74Z	16.3	0.15	K13B4	15.925	278.241	81.325	4.171	0.12806	3.05092	4	X
K02Q82Y	16.9	0.15	K13B4	355.282	203.445	191.959	4.164	0.26155	3.04207	4	X
K02QA6E	15.7	0.15	K13B4	46.747	223.177	110.255	10.782	0.09218	3.02797	6	X
K02QA7Z	18.4	0.15	K13B4	64.749	139.899	150.394	2.737	0.20376	2.34837	5	X
K02QB4M	16.1	0.15	K13B4	11.972	42.101	308.427	9.818	0.19378	3.08591	5	X
K02QB4O	16.1	0.15	K13B4	337.415	100.898	289.592	6.024	0.16208	3.09190	6	X
K02QD7E	17.9	0.15	K13B4	29.023	177.675	167.528	4.713	0.23311	2.34211	3	X
K02QE5R	16.9	0.15	K13B4	21.788	357.848	8.064	17.657	0.08654	3.01904	4	X
K02R35W	16.0	0.15	K13B4	16.431	25.124	319.481	10.334	0.22479	3.09617	3	X
K02R36J	17.5	0.15	K13B4	20.917	170.446	189.368	6.345	0.19586	2.35430	7	X
K02R45B	17.7	0.15	K13B4	36.630	227.899	115.204	2.932	0.22853	2.35001	5	X
K02R76N	17.1	0.15	K13B4	13.324	342.788	20.710	2.671	0.23543	2.36821	6	X
K02RB4L	15.7	0.15	K13B4	22.418	204.329	155.368	8.513	0.19664	3.07638	4	X
K02RB7J	17.4	0.15	K13B4	6.042	305.644	82.622	6.164	0.24000	2.37212	5	X
K02RD1Q	16.4	0.15	K13B4	81.860	47.542	232.351	11.547	0.29970	3.03376	5	X
K02RH5K	15.7	0.15	K13B4	74.196	312.808	338.033	23.266	0.23287	3.04940	4	S
K02RI2N	16.1	0.15	K13B4	358.971	149.227	225.102	17.137	0.21986	3.10489	3	X
K02RK0E	16.9	0.15	K13B4	59.610	17.950	279.556	5.777	0.13697	2.36139	7	X
K02RK4S	16.4	0.15	K13B4	6.995	203.645	167.170	5.446	0.24646	3.07789	4	X
K02RO4C	16.6	0.15	K13B4	6.185	179.565	195.422	6.638	0.25088	3.06110	3	X
K02RO7M	16.4	0.15	K13B4	37.258	180.356	152.965	5.177	0.11878	3.04386	3	X
K02RP3A	16.7	0.15	K13B4	8.682	162.631	184.092	12.986	0.11260	3.12875	5	X
K02RQ3B	16.5	0.15	K13B4	1.076	33.646	323.727	6.578	0.17230	2.13578	2	X
K02RQ6M	18.3	0.15	K13B4	39.496	174.788	167.224	3.085	0.19791	2.33409	4	X
K02RR3J	17.1	0.15	K13B4	6.150	41.914	342.556	7.126	0.09785	3.01912	5	X
K02RS2D	16.7	0.15	K13B4	21.938	222.048	124.443	2.345	0.18250	3.07654	4	X
K02RS4G	16.2	0.15	K13B4	64.105	124.215	177.666	5.155	0.12048	3.08287	7	X
K02RTL1S	17.1	0.15	K13B4	52.931	186.664	112.303	9.627	0.21044	2.36543	6	X
K02S05T	16.1	0.15	K13B4	25.462	323.408	17.893	5.172	0.24712	3.11089	3	X
K02S07H	17.7	0.15	K13B4	301.858	345.489	104.708	2.819	0.13782	2.38248	5	X
K02S43W	18.1	0.15	K13B4	13.274	0.080	8.656	2.677	0.20028	2.36747	4	X
K02S64L	17.5	0.15	K13B4	28.124	228.625	113.949	5.276	0.17048	2.35504	6	X
K02S73A	18.1	0.15	K13B4	6.706	245.977	137.075	5.408	0.19744	2.35291	4	X
K02S73G	16.1	0.15	K13B4	46.060	332.874	8.775	10.784	0.09909	3.01974	6	X
K02T19H	15.5	0.15	K13B4	352.371	49.268	8.602	18.919	0.11905	3.04383	5	X
K02T67K	15.6	0.15	K13B4	32.234	69.704	253.483	8.116	0.30463	3.11180	4	X
K02T82B	15.9	0.15	K13B4	351.870	233.908	168.664	18.210	0.11657	3.07681	4	X
K02T84L	15.5	0.15	K13B4	339.728	306.319	99.262	6.523	0.16198	3.12110	5	X
K02T88R	17.0	0.15	K13B4	18.102	30.891	320.553	4.089	0.20909	2.38793	7	X
K02T94F	16.2	0.15	K13B4	15.443	151.227	198.596	0.608	0.17518	3.11595	6	X
K02T97F	16.2	0.15	K13B4	96.029	276.425	9.342	10.815	0.07295	3.07080	4	X
K02T98E	17.6	0.15	K13B4	4.885	164.747	194.214	14.794	0.10164	2.39530	5	X
K02TA9G	17.8	0.15	K13B4	354.291	16.028	15.176	20.405	0.08520	1.95511	4	X
K02TD8N	17.4	0.15	K13B4	11.503	10.217	355.589	11.908	0.25221	2.39022	5	X
K02TE2W	17.4	0.15	K13B4	351.911	310.500	92.163	4.381	0.23505	2.37809	6	X
K02TI1N	16.0	0.15	K13B4	21.690	355.610	336.883	16.046	0.28397	3.13204	3	X
K02TI2G	16.4	0.15	K13B4	358.588	89.562	285.383	8.342	0.30750	3.11542	3	X
K02TK0S	17.1	0.15	K13B4	56.238	92.884	211.565	12.358	0.21278	2.37688	4	X
K02TM1O	15.5	0.15	K13B4	56.474	295.177	10.125	14.967	0.29092	3.10164	5	X
K02TQ5G	15.6	0.15	K13B4	70.364	299.518	21.219	18.073	0.14014	3.08380	6	X
K02TV9J	16.3	0.15	K13B4	52.361	145.374	191.984	11.599	0.08316	3.03612	5	X
K02TW9L	16.0	0.15	K13B4	111.430	227.280	12.560	28.056	0.21544	3.12018	5	X
K02TX1S	18.1	0.15	K13B4	307.186	21.630	68.618	2.391	0.15650	2.37541	4	X
K02TX6K	16.3	0.15	K13B4	63.254	135.434	169.707	10.751	0.10513	3.11363	7	X

K02TY6S	15.8	0.15	K13B4	340.620	357.297	62.523	11.316	0.14067	3.10080	7	X
K02TZ6L	18.5	0.15	K13B4	50.008	103.943	206.165	2.118	0.22568	2.36735	5	X
K02U20L	15.9	0.15	K13B4	3.825	67.227	339.134	6.085	0.33114	3.06069	6	X
K02U74Y	15.7	0.15	K13B4	8.952	286.636	78.849	15.529	0.25614	3.16934	7	X
K02U77L	15.9	0.15	K13B4	312.006	38.506	49.950	12.590	0.21322	3.16283	3	X
K02V13B	17.8	0.15	K13B4	16.727	321.911	36.829	5.717	0.22351	2.39735	4	X
K02V15A	17.2	0.15	K13B4	36.121	305.844	37.982	7.129	0.10439	2.40095	5	X
K02V15S	16.0	0.15	K13B4	343.235	197.252	219.939	10.232	0.20111	3.12197	3	X
K02V29L	17.2	0.15	K13B4	339.317	11.371	46.041	5.075	0.15911	2.40421	5	X
K02V32U	17.2	0.15	K13B4	347.302	313.292	97.122	3.171	0.19151	2.40274	5	X
K02V37F	16.1	0.15	K13B4	2.056	148.781	242.725	10.625	0.21458	3.12909	3	X
K02V71G	17.7	0.15	K13B4	9.980	211.423	154.752	2.917	0.21553	2.39886	6	X
K02V72Z	16.5	0.15	K13B4	26.325	305.629	57.645	23.602	0.15285	2.38714	4	X
K02V74O	15.8	0.15	K13B4	357.429	319.559	58.074	15.502	0.20104	3.16726	6	X
K02VB8J	17.3	0.15	K13B4	293.162	247.481	230.231	19.769	0.07214	1.96741	5	X
K02VD4Z	15.9	0.15	K13B4	352.456	352.785	51.706	11.776	0.11241	3.13041	5	X
K02VD9P	12.8	0.15	K13B4	37.704	306.511	31.558	17.029	0.02634	5.27213	4	X
K02VE4M	18.3	0.15	K13B4	14.755	284.926	78.911	3.482	0.21128	2.39582	4	X
K02VE8B	17.9	0.15	K13B4	349.021	305.410	111.271	3.349	0.18623	2.38576	5	X
K02W01D	13.1	0.15	K13B4	29.045	300.686	61.600	28.912	0.10538	5.08828	6	X
K02W03A	16.2	0.15	K13B4	2.902	322.559	69.581	14.305	0.32642	3.12867	3	X
K02W07D	17.1	0.15	K13B4	354.666	339.162	65.865	13.520	0.15152	2.39631	6	X
K02W15A	15.2	0.15	K13B4	334.756	309.919	105.613	13.101	0.20872	3.19148	3	X
K02W21T	18.1	0.15	K13B4	349.093	305.060	101.089	3.394	0.19499	2.40134	5	X
K02W29S	15.7	0.15	K13B4	34.304	289.568	61.416	11.571	0.10339	3.14024	4	X
K02W31P	13.1	0.15	K13B4	330.411	193.211	238.177	31.455	0.05355	5.19705	4	X
K02W31W	17.7	0.15	K13B4	354.672	261.246	132.501	6.151	0.20792	2.40880	4	X
K02X08G	17.4	0.15	K13B4	350.793	315.673	96.352	2.340	0.18058	2.39286	5	X
K02X10J	17.2	0.15	K13B4	341.937	1.856	46.972	2.368	0.18330	2.40873	4	X
K02X39H	17.4	0.15	K13B4	353.629	150.261	256.550	4.911	0.18812	2.39589	4	X
K02X53Z	17.4	0.15	K13B4	312.971	242.111	210.510	4.288	0.20363	2.41388	3	X
K02X87O	15.3	0.15	K13B4	11.286	4.686	9.235	15.925	0.27633	3.13563	5	X
K02X92Y	16.0	0.15	K13B4	339.307	347.143	63.158	5.906	0.15581	3.20916	7	X
K02XC0B	17.8	0.15	K13B4	29.173	266.656	84.861	3.429	0.23963	2.39630	6	X
K02Y15X	15.1	0.15	K13B4	0.048	120.850	251.422	14.273	0.21303	3.20038	6	X
K03A65A	16.8	0.15	K13B4	334.203	358.663	71.468	12.110	0.22661	2.42724	6	X
K03F67E	16.5	0.15	K13B4	123.113	210.258	27.859	12.261	0.16211	2.66190	7	X
K03F82O	16.1	0.15	K13B4	148.797	47.807	175.830	11.605	0.13195	2.64406	6	X
K03N00D	18.7	0.15	K13B4	37.497	23.181	297.217	5.113	0.45004	2.22068	3	X
K03Q19B	17.8	0.15	K13B4	65.795	156.230	161.931	1.559	0.19910	2.18801	4	X
K03Q23H	18.0	0.15	K13B4	76.725	337.461	313.224	5.179	0.23455	2.19989	4	X
K03Q68Q	17.7	0.15	K13B4	36.900	50.228	288.249	5.712	0.27156	2.21263	4	X
K03R11X	19.0	0.15	K13B4	5.503	65.433	307.595	6.047	0.37397	2.23482	2	X
K03R16B	17.9	0.15	K13B4	35.097	358.793	339.560	6.664	0.25345	2.21376	2	X
K03R25G	16.1	0.15	K13B4	5.068	110.404	266.953	10.936	0.19158	2.88563	4	X
K03S23L	16.2	0.15	K13B4	19.223	64.200	277.516	6.285	0.24428	2.92478	3	X
K03S49F	17.4	0.15	K13B4	41.919	149.636	197.530	4.134	0.19254	2.20901	6	X
K03S51W	18.1	0.15	K13B4	26.270	199.317	156.035	5.392	0.16662	2.22281	4	X
K03S75W	16.9	0.15	K13B4	7.133	4.587	6.348	7.604	0.28459	2.91421	3	X
K03SF8O	17.9	0.15	K13B4	33.070	313.930	28.124	7.921	0.19806	2.21057	5	X
K03SI7W	16.2	0.15	K13B4	0.597	124.371	244.151	9.250	0.10617	2.90746	5	X
K03SN1L	16.5	0.15	K13B4	31.900	203.833	151.071	7.201	0.17215	2.86622	5	X
K03SN4B	17.9	0.15	K13B4	68.771	176.220	112.437	3.611	0.27345	2.22204	5	X
K03SQ2P	17.9	0.15	K13B4	12.375	272.877	91.219	1.932	0.35470	2.91399	3	X
K03SU6S	15.3	0.15	K13B4	22.495	96.787	247.608	8.746	0.12245	2.98062	6	X
K03SW6E	17.2	0.15	K13B4	328.446	72.332	353.682	1.573	0.05238	2.86919	5	X
K03SW8U	17.2	0.15	K13B4	24.412	299.524	52.269	2.917	0.08251	2.91428	6	X
K03SX4N	17.0	0.15	K13B4	317.724	249.825	183.062	10.365	0.11628	2.89265	5	X
K03SX5A	17.3	0.15	K13B4	35.100	309.805	50.262	2.793	0.11310	2.86536	5	X
K03SX5G	17.0	0.15	K13B4	36.998	285.640	50.778	8.116	0.15798	2.91561	6	X
K03Sb1S	17.4	0.15	K13B4	28.322	45.173	314.046	1.154	0.07618	2.86915	5	X
K03Sg9P	16.6	0.15	K13B4	307.105	49.278	34.774	10.037	0.10023	2.94483	3	X
K03U63E	17.9	0.15	K13B4	29.137	243.957	87.700	5.004	0.31700	2.23506	6	X
K03U74K	15.8	0.15	K13B4	30.272	94.994	264.715	11.331	0.12608	2.89328	4	X
K03U75G	17.8	0.15	K13B4	33.022	5.216	347.645	6.635	0.13603	2.22238	4	X
K03UD5S	16.0	0.15	K13B4	354.120	7.319	19.245	17.265	0.15930	2.97632	4	X
K03UD7C	17.4	0.15	K13B4	346.240	7.432	42.557	6.286	0.14703	2.23325	6	X
K03UN3Z	17.8	0.15	K13B4	340.354	187.531	202.462	5.754	0.10701	2.26325	5	X
K03UN6V	17.6	0.15	K13B4	11.235	317.872	61.815	6.555	0.15039	2.22978	5	X
K03U06X	16.2	0.15	K13B4	19.152	9.747	358.475	1.275	0.11578	2.92108	7	X
K03UP6N	17.8	0.15	K13B4	16.592	250.008	124.904	2.792	0.18811	2.23682	6	X
K03UT8V	16.5	0.15	K13B4	2.277	208.024	166.426	15.313	0.21287	2.94850	4	X
K03UW9R	16.6	0.15	K13B4	321.891	209.121	221.689	5.558	0.04631	2.85824	7	X
K03Ub5L	18.5	0.15	K13B4	329.472	217.551	212.555	4.538	0.09199	2.20450	4	X
K03V10C	16.4	0.15	K13B4	210.419	142.484	34.312	25.673	0.16200	2.28806	5	X
K03W12P	18.4	0.15	K13B4	50.709	273.194	51.204	22.436	0.13248	1.85978	4	X
K03W25X	18.6	0.15	K13B4	351.832	39.391	40.081	23.982	0.58409	2.90648	3	X
K03W36S	17.6	0.15	K13B4	36.175	74.336	276.965	7.039	0.19025	2.23474	5	X
K03W78M	17.3	0.15	K13B4	312.579	55.974	30.836	8.126	0.15640	2.25796	4	X
K03W80R	17.9	0.15	K13B4	285.961	246.197	213.612	21.331	0.05560	1.87138	4	X
K03WE4J	17.7	0.15	K13B4	31.761	293.945	56.156	7.448	0.16998	2.24691	6	X
K03Y48K	15.8	0.15	K13B4	339.125	347.622	72.881	10.807	0.09697	3.00998	5	X
K03YE1W	15.2	0.15	K13B4	18.644	337.385	47.468	12.062	0.10333	3.01974	6	X
K04A01S	20.5	0.15	K13B4	215.477	261.885	322.584	17.213	0.17450	1.07043	3	X
K04B03U	16.1	0.15	K13B4	309.896	109.668	342.163	4.304	0.11932	3.10747	4	X
K04B05S	18.3	0.15	K13B4	272.449	359.226	126.432	2.600	0.16873	2.32202	4	X
K04B35P	16.6	0.15	K13B4	298.432	37.996	61.331	2.567	0.15975	3.12056	4	X
K04B40W	17.4	0.15	K13B4	270.120	198.701	298.561	1.363	0.15193	2.32054	5	X
K04C57S	15.7	0.15	K13B4	297.228	61.082	52.530	11.798	0.17547	3.11487	5	X
K04C83K	18.2	0.15	K13B4	292.973	341.010	138.327	3.581	0.20700	2.31227	4	X
K04CA8K	17.7	0.15	K13B4	329.651	46.864	39.720	5.869	0.17578	2.29450	4	X
K04D40K	17.4	0.15	K13B4	166.487	42.151	173.806	5.274	0.18523	2.41249	5	X
K04D45Z	17.6	0.15	K13B4	242.208	1.010	160.438	4.848	0.18431	2.33954	4	X
K04D59O	18.0	0.15	K13B4	186.094	37.016	166.495	2.457	0.14643	2.39473	4	X
K04D61G	17.7	0.15	K13B4	266.749	330.723	159.089	4.750	0.16607	2.35115	6	X
K04E10D	15.9	0.15	K13B4	260.408	184.359	328.082	4.506	0.15771	3.19467	5	X
K04E82A	17.0	0.15	K13B4	205.070	114.390	62.557	3.749	0.15711	2.41543	5	X

K04F06N	17.7	0.15	K13B4	91.510	281.798	17.899	21.059	0.09229	1.94166	5	X
K04F25X	15.9	0.15	K13B4	206.865	158.327	17.075	21.213	0.09545	2.43814	6	X
K04FA0G	17.7	0.15	K13B4	239.967	336.864	187.582	6.836	0.04930	2.38009	5	X
K04FB5G	16.7	0.15	K13B4	292.707	67.390	40.278	6.992	0.09995	2.38299	4	X
K04H20S	16.8	0.15	K13B4	248.307	123.396	48.942	13.037	0.12432	2.38311	4	X
K04H31Z	16.9	0.15	K13B4	257.942	103.736	51.520	7.539	0.06591	2.38904	5	X
K04H47J	16.8	0.15	K13B4	285.423	71.519	66.094	3.197	0.13053	2.36557	6	X
K04N01P	17.2	0.15	K13B4	61.249	34.329	277.239	4.668	0.20482	2.61824	6	X
K04N15L	16.5	0.15	K13B4	33.592	33.196	293.155	12.693	0.25986	2.67009	3	X
K04PB7R	16.9	0.15	K13B4	39.441	223.475	91.109	7.054	0.28371	2.68928	6	X
K04R06K	16.4	0.15	K13B4	27.131	281.041	73.069	14.826	0.16490	2.68736	4	X
K04R08W	16.7	0.15	K13B4	336.376	47.498	348.847	12.615	0.18897	2.74318	4	X
K04R24A	17.5	0.15	K13B4	12.877	190.109	178.200	13.614	0.41119	2.70532	2	X
K04R47R	16.8	0.15	K13B4	13.618	19.483	351.336	2.828	0.26619	2.69211	6	X
K04R73K	16.7	0.15	K13B4	31.914	4.044	3.578	10.677	0.15986	2.66317	4	X
K04R89N	17.5	0.15	K13B4	11.014	202.872	169.525	14.754	0.26103	2.67799	3	X
K04RB3H	16.8	0.15	K13B4	150.374	41.795	183.788	8.946	0.09272	2.66265	6	X
K04RB3J	17.7	0.15	K13B4	346.866	213.892	186.774	1.683	0.18246	2.69569	5	X
K04RB3V	16.5	0.15	K13B4	19.965	10.071	341.000	14.655	0.14048	2.68738	3	X
K04RE6T	17.2	0.15	K13B4	33.124	339.604	8.993	4.215	0.13155	2.67655	7	X
K04RF0L	16.8	0.15	K13B4	39.082	221.876	119.922	3.082	0.19852	2.69257	7	X
K04RG3E	17.0	0.15	K13B4	47.800	170.650	165.878	5.935	0.09666	2.66305	5	X
K04RJ9R	16.1	0.15	K13B4	25.060	79.899	279.390	7.413	0.27555	2.72848	5	X
K04RK5X	16.0	0.15	K13B4	49.858	355.992	329.067	16.346	0.17373	2.69252	4	X
K04RL5P	16.8	0.15	K13B4	2.798	137.424	232.403	9.376	0.34593	2.73669	2	X
K04RMOU	16.1	0.15	K13B4	17.716	94.741	269.321	8.196	0.36667	2.72344	3	X
K04RNOV	17.4	0.15	K13B4	22.198	147.403	203.913	2.897	0.20574	2.73352	4	X
K04RNSA	16.4	0.15	K13B4	0.215	195.542	212.988	10.286	0.20563	2.66698	8	X
K04RP6Z	17.0	0.15	K13B4	8.584	224.642	146.199	3.328	0.11012	2.69209	5	X
K04RQ3K	16.9	0.15	K13B4	16.057	202.851	165.243	6.823	0.07051	2.67972	4	X
K04RS9T	15.8	0.15	K13B4	17.458	313.208	58.754	15.393	0.06211	2.70968	6	X
K04RU8W	17.2	0.15	K13B4	11.068	262.141	121.812	3.240	0.16850	2.67089	7	X
K04RV2P	16.1	0.15	K13B4	56.200	310.097	7.891	14.241	0.19637	2.66570	5	X
K04RV7A	16.7	0.15	K13B4	345.152	166.742	238.000	9.227	0.21921	2.71740	4	X
K04RX2K	16.3	0.15	K13B4	21.644	282.184	87.039	15.421	0.20322	2.69549	5	X
K04S16A	16.0	0.15	K13B4	63.659	278.068	28.655	14.635	0.10225	2.70109	5	X
K04S24H	16.8	0.15	K13B4	50.241	280.122	38.892	5.139	0.12249	2.74134	6	X
K04T17G	16.6	0.15	K13B4	12.535	119.749	245.138	7.562	0.22962	2.75107	2	X
K04T17O	16.6	0.15	K13B4	340.041	181.520	222.154	12.813	0.27803	2.76557	4	X
K04T19R	16.4	0.15	K13B4	338.858	331.851	88.540	5.021	0.17981	2.72215	6	X
K04T35J	16.9	0.15	K13B4	272.563	105.211	15.914	4.276	0.08048	2.73385	6	X
K04T36N	17.4	0.15	K13B4	309.242	70.467	22.031	3.437	0.16876	2.72919	5	X
K04T45R	16.4	0.15	K13B4	19.918	168.014	212.353	7.103	0.16279	2.70288	5	X
K04T58C	17.0	0.15	K13B4	6.579	17.112	11.486	13.408	0.15582	2.69885	3	X
K04T63A	16.2	0.15	K13B4	35.227	351.096	19.429	14.505	0.06318	2.68383	4	X
K04T65P	16.1	0.15	K13B4	350.432	308.224	84.709	10.510	0.22096	2.75056	5	X
K04T66A	16.5	0.15	K13B4	7.710	321.818	56.995	5.894	0.12677	2.72061	5	X
K04T72Q	16.6	0.15	K13B4	28.003	320.091	36.864	6.475	0.04911	2.72984	7	X
K04TA4P	16.1	0.15	K13B4	40.748	298.431	40.760	9.560	0.08924	2.71492	5	X
K04TA5K	17.4	0.15	K13B4	346.178	99.151	310.411	13.319	0.31180	2.73284	3	X
K04TC2Z	17.2	0.15	K13B4	8.956	326.963	66.658	3.599	0.17065	2.68748	6	X
K04TD2W	16.3	0.15	K13B4	45.248	58.180	282.602	7.764	0.18585	2.70767	6	X
K04TD3H	16.0	0.15	K13B4	45.971	320.534	5.689	14.028	0.22020	2.73787	5	X
K04TG6L	17.2	0.15	K13B4	25.405	17.740	342.725	3.921	0.10463	2.69728	5	X
K04TJ1J	17.1	0.15	K13B4	23.872	347.388	27.989	3.260	0.08848	2.68294	7	X
K04TL2V	16.4	0.15	K13B4	14.386	170.049	220.358	17.570	0.07388	2.71510	7	X
K04TL2Y	16.4	0.15	K13B4	34.563	129.697	216.525	18.185	0.25478	2.72953	5	X
K04TR6M	17.0	0.15	K13B4	45.518	119.194	215.277	11.716	0.25119	2.72581	3	X
K04TR6W	16.8	0.15	K13B4	23.090	309.105	46.119	7.018	0.07406	2.77928	3	X
K04TR8O	16.6	0.15	K13B4	321.177	37.055	49.196	10.087	0.22068	2.75382	5	X
K04TW5J	16.9	0.15	K13B4	17.628	168.036	191.940	3.156	0.20515	2.74126	4	X
K04TY9M	17.3	0.15	K13B4	305.313	248.699	214.703	1.731	0.06169	2.72561	5	X
K04TZ0X	16.6	0.15	K13B4	335.996	347.963	58.942	4.974	0.10099	2.78610	3	X
K04V08W	16.0	0.15	K13B4	9.323	85.813	274.694	11.445	0.22918	2.76121	4	X
K04V19Y	16.4	0.15	K13B4	315.984	33.396	50.772	9.633	0.17197	2.75475	5	X
K04V22K	16.0	0.15	K13B4	349.031	349.417	55.588	14.924	0.18319	2.78204	3	X
K04V38R	17.9	0.15	K13B4	0.935	354.420	52.554	7.304	0.22158	2.72613	3	X
K04V82M	16.2	0.15	K13B4	337.119	44.753	32.764	14.995	0.19322	2.73098	5	X
K04W06W	16.6	0.15	K13B4	15.459	135.014	294.077	6.077	0.33508	2.66622	5	X
K04X12G	16.1	0.15	K13B4	341.093	341.994	74.443	8.445	0.12968	2.79675	4	X
K04X17L	15.6	0.15	K13B4	27.787	350.197	89.726	22.986	0.03746	2.66422	7	X
K04XA6O	17.3	0.15	K13B4	3.431	75.216	305.616	2.844	0.33427	2.76564	2	X
K04XA7Z	16.5	0.15	K13B4	334.102	30.804	56.878	8.638	0.20353	2.77433	4	X
K04XD1G	16.8	0.15	K13B4	344.404	2.240	62.891	10.769	0.30800	2.74775	2	X
K04Y32Y	16.8	0.15	K13B4	351.369	255.561	151.806	5.447	0.23435	2.75694	5	X
K05A40N	16.4	0.15	K13B4	350.124	164.435	316.784	11.119	0.16361	2.70536	5	X
K05B33V	18.2	0.15	K13B4	349.183	256.240	137.850	2.414	0.09314	2.16715	6	X
K05C09X	18.3	0.15	K13B4	292.653	24.834	81.184	3.144	0.12743	2.17272	5	X
K05C63H	18.3	0.15	K13B4	229.700	99.704	61.503	3.335	0.17190	2.19834	7	X
K05E16W	15.6	0.15	K13B4	180.628	221.296	354.352	9.516	0.12515	3.08626	5	X
K05EE4Z	17.6	0.15	K13B4	338.304	46.878	9.787	5.994	0.14409	2.20258	4	X
K05EE6M	16.2	0.15	K13B4	231.503	162.417	9.503	11.493	0.08090	3.05809	6	X
K05EF8R	16.6	0.15	K13B4	328.280	238.142	176.887	9.354	0.04545	3.10374	5	X
K05EN8F	16.1	0.15	K13B4	275.007	102.428	14.822	9.885	0.07198	3.06787	5	X
K05EP4V	16.3	0.15	K13B4	156.722	262.214	331.954	7.967	0.08961	3.07678	5	X
K05ES2N	16.0	0.15	K13B4	75.352	302.324	9.862	9.893	0.03176	3.17390	5	X
K05ET2L	15.2	0.15	K13B4	184.845	170.646	54.735	11.438	0.12408	3.09642	7	X
K05G20R	17.1	0.15	K13B4	137.789	224.138	36.526	6.783	0.09270	2.28196	6	X
K05G26G	15.8	0.15	K13B4	315.603	59.727	23.980	9.811	0.15972	3.08013	5	X
K05G49T	15.6	0.15	K13B4	327.976	33.515	28.432	22.586	0.25750	3.09861	4	X
K05G50U	15.1	0.15	K13B4	215.390	167.199	21.500	28.532	0.12361	3.08640	3	X
K05G52C	16.0	0.15	K13B4	223.039	339.058	213.210	10.552	0.08696	3.10847	6	X
K05G99P	18.3	0.15	K13B4	83.707	253.925	27.087	1.725	0.17527	2.35434	6	X
K05J07L	15.9	0.15	K13B4	333.286	30.667	29.926	11.883	0.10503	3.13379	5	X
K05J16L	16.0	0.15	K13B4	206.208	351.273	186.507	17.602	0.15494	3.10549	4	X
K05J30W	15.6	0.15	K13B4	52.094	304.381	15.824	11.652	0.10490	3.24055	4	X
K05L06V	17.7	0.15	K13B4	75.564	216.929	75.704	2.308	0.17602	2.37304	5	X

K05L07H	17.8	0.15	K13B4	121.903	130.999	107.824	3.899	0.24647	2.36018	5	X
K05L30Q	17.7	0.15	K13B4	22.207	120.141	239.964	0.276	0.20869	2.43029	7	X
K05M54J	16.9	0.15	K13B4	10.377	99.754	260.461	13.147	0.24015	2.48982	3	X
K05N17N	17.9	0.15	K13B4	78.514	174.768	124.892	3.357	0.17957	2.41665	5	X
K05N33L	17.6	0.15	K13B4	154.846	107.287	118.768	2.472	0.13396	2.38129	6	X
K05O31O	17.0	0.15	K13B4	185.347	6.836	212.779	6.219	0.06633	2.37690	5	X
K05Q02U	18.1	0.15	K13B4	26.942	198.731	161.474	23.073	0.07483	1.89174	3	X
K05QE8X	18.1	0.15	K13B4	8.934	50.450	317.232	17.816	0.09514	1.92259	3	X
K05QF6M	16.8	0.15	K13B4	7.668	94.589	274.390	13.221	0.11772	2.51944	4	X
K05R43U	18.1	0.15	K13B4	13.212	119.909	225.170	2.822	0.22565	2.54491	4	X
K05S34O	17.3	0.15	K13B4	40.341	3.195	53.434	6.959	0.10336	2.38462	3	X
K05S84S	17.7	0.15	K13B4	43.067	287.719	11.122	11.586	0.31292	2.53612	3	X
K05SD9R	17.1	0.15	K13B4	240.342	98.443	47.555	3.505	0.04562	2.51283	5	X
K05SF0H	17.9	0.15	K13B4	18.073	305.436	59.230	2.548	0.16152	2.52238	5	X
K05SFFL	17.5	0.15	K13B4	344.362	222.600	191.518	21.638	0.08184	1.89681	4	X
K05SJ4E	16.7	0.15	K13B4	59.712	285.469	20.466	15.187	0.09457	2.56139	3	X
K05SM2T	16.0	0.15	K13B4	17.027	71.751	274.676	14.199	0.15825	2.56325	3	X
K05SN3F	18.0	0.15	K13B4	7.922	170.294	205.357	3.615	0.17720	2.54216	3	X
K05T38O	17.8	0.15	K13B4	322.126	22.620	43.871	2.009	0.09629	2.51229	5	X
K05T88K	17.3	0.15	K13B4	339.287	281.820	123.571	3.322	0.15350	2.52159	7	X
K05TIOO	18.4	0.15	K13B4	283.862	103.671	18.119	21.211	0.06831	1.90801	3	X
K05TI6G	17.1	0.15	K13B4	109.978	305.212	329.790	1.465	0.04268	2.51776	6	X
K05TJLZ	17.9	0.15	K13B4	11.515	154.203	213.322	20.514	0.09512	1.92668	4	X
K05U45J	17.7	0.15	K13B4	19.074	255.238	104.929	3.618	0.07312	2.56536	4	X
K05U64H	17.2	0.15	K13B4	328.779	283.266	147.741	5.470	0.16681	2.56035	5	X
K05U73O	16.1	0.15	K13B4	300.113	238.304	223.347	21.660	0.06553	2.54913	5	X
K05UFLV	18.6	0.15	K13B4	349.904	48.982	11.217	1.799	0.21026	2.52571	3	X
K05UF5H	16.0	0.15	K13B4	80.737	239.513	49.319	11.868	0.14779	2.58335	4	X
K05UF6K	17.3	0.15	K13B4	58.964	281.385	41.066	22.235	0.11783	1.92607	5	X
K05UH6T	16.5	0.15	K13B4	299.761	83.775	42.178	11.896	0.24496	2.54420	5	X
K05UH8A	18.0	0.15	K13B4	9.541	334.151	30.799	6.042	0.23114	2.56338	3	X
K05UJ8M	17.4	0.15	K13B4	316.895	113.888	320.430	2.849	0.00969	2.53990	6	X
K05UK3S	18.3	0.15	K13B4	338.793	22.873	55.961	1.750	0.23466	2.52034	3	X
K05UO2B	17.1	0.15	K13B4	350.222	6.684	23.811	5.481	0.06347	2.60140	6	X
K05UO8U	18.0	0.15	K13B4	6.946	200.100	173.896	1.644	0.16656	2.55780	4	X
K05UQ2Z	15.4	0.15	K13B4	52.130	126.789	185.154	8.734	0.21915	3.96850	5	X
K05USOS	16.7	0.15	K13B4	330.344	20.091	38.587	12.650	0.12683	2.57092	3	X
K05UV3M	17.8	0.15	K13B4	329.772	201.684	212.470	20.604	0.08573	1.92622	3	X
K05UV9V	17.6	0.15	K13B4	356.879	1.105	27.517	5.547	0.15875	2.55199	4	X
K05UX3Z	17.3	0.15	K13B4	350.622	321.034	72.383	6.298	0.19312	2.57940	3	X
K05UZ3O	16.9	0.15	K13B4	343.097	16.567	23.758	11.476	0.11496	2.56924	4	X
K05UZ6M	18.3	0.15	K13B4	33.954	297.959	40.812	8.473	0.14927	2.55758	3	X
K05UZ8G	17.8	0.15	K13B4	302.545	254.348	224.400	4.196	0.14247	2.48550	6	X
K05Ua5O	17.8	0.15	K13B4	277.054	48.830	76.916	5.510	0.21515	2.58264	5	X
K05Ue4U	17.4	0.15	K13B4	299.237	255.958	221.345	14.109	0.12222	2.53516	4	X
K05Uf4T	17.7	0.15	K13B4	13.849	177.983	189.659	4.432	0.15770	2.54866	4	X
K05Um1W	17.1	0.15	K13B4	3.143	277.368	105.128	13.822	0.24828	2.53548	5	X
K05Uq7Q	16.7	0.15	K13B4	18.238	243.440	124.910	6.355	0.15129	2.54300	7	X
K05V18J	18.6	0.15	K13B4	44.122	109.022	221.395	5.504	0.27255	2.51935	4	X
K05V33T	17.8	0.15	K13B4	357.631	256.476	134.162	2.332	0.25333	2.55871	3	X
K05V40W	17.2	0.15	K13B4	325.701	264.854	153.614	3.070	0.07832	2.59746	4	X
K05V49D	17.8	0.15	K13B4	356.478	182.506	216.447	2.072	0.18224	2.54093	4	X
K05W00M	17.4	0.15	K13B4	338.548	351.138	65.927	3.856	0.20495	2.57002	7	X
K05W21W	17.2	0.15	K13B4	309.736	22.227	53.118	5.512	0.02846	2.60739	5	X
K05W25N	16.1	0.15	K13B4	67.928	248.427	56.547	11.689	0.18910	2.59708	4	X
K05W50E	17.7	0.15	K13B4	58.100	224.148	77.651	3.041	0.19986	2.61003	5	X
K05W51D	16.9	0.15	K13B4	31.043	74.550	264.057	6.962	0.17515	2.62253	3	X
K05W54R	19.1	0.15	K13B4	350.012	326.037	73.466	14.782	0.40769	1.94320	3	X
K05W69B	15.9	0.15	K13B4	315.232	191.976	251.827	13.970	0.22645	2.59689	5	X
K05WA5W	16.9	0.15	K13B4	353.587	250.954	153.892	8.205	0.18564	2.54755	4	X
K05WB1L	16.4	0.15	K13B4	102.951	38.344	245.277	10.888	0.05773	2.60128	5	X
K05WB3K	17.2	0.15	K13B4	291.197	295.756	184.729	5.796	0.27883	2.59446	5	X
K05WC0E	16.2	0.15	K13B4	300.458	14.064	69.569	22.777	0.02504	2.61601	4	X
K05WC4U	17.6	0.15	K13B4	31.893	260.583	67.566	6.205	0.26732	2.60876	4	X
K05WE2S	17.7	0.15	K13B4	357.751	319.229	67.287	5.938	0.20258	2.57219	3	X
K05WE3S	16.8	0.15	K13B4	22.629	285.806	74.927	13.509	0.22372	2.56863	5	X
K05WF8Z	16.6	0.15	K13B4	358.072	253.147	142.391	9.734	0.13042	2.54944	6	X
K05WG2Z	17.4	0.15	K13B4	336.351	349.238	86.928	6.835	0.24891	2.59087	4	X
K05WG5M	16.6	0.15	K13B4	216.924	72.951	93.452	3.179	0.13866	2.64553	5	X
K05W11M	17.4	0.15	K13B4	339.298	206.163	225.037	11.002	0.25498	2.54992	3	X
K05WI3Q	16.7	0.15	K13B4	328.515	16.210	52.954	14.556	0.08988	2.57318	6	X
K05WI8K	17.5	0.15	K13B4	15.591	313.032	62.300	5.416	0.22457	2.59320	3	X
K05X26N	17.1	0.15	K13B4	329.979	315.270	101.399	2.805	0.08624	2.65639	4	X
K05X29B	17.8	0.15	K13B4	335.828	14.290	50.794	6.946	0.24726	2.56509	3	X
K05X82O	17.2	0.15	K13B4	31.764	75.334	272.293	3.635	0.22585	2.56351	5	X
K05X83V	15.8	0.15	K13B4	318.734	340.597	91.759	12.939	0.15958	2.65928	6	X
K05Y23N	18.0	0.15	K13B4	5.767	105.343	281.964	3.392	0.30182	2.58628	3	X
K05Y32X	17.4	0.15	K13B4	315.993	196.642	255.994	1.951	0.07128	2.64158	5	X
K05Y39J	16.9	0.15	K13B4	310.692	277.768	186.389	4.939	0.24966	2.61137	6	X
K05Y46K	16.7	0.15	K13B4	357.576	277.613	116.424	12.495	0.19449	2.62593	5	X
K05Y55M	16.5	0.15	K13B4	317.119	300.456	160.532	30.483	0.35897	2.61178	4	X
K05Y74O	18.3	0.15	K13B4	1.764	99.564	284.646	4.886	0.32549	2.58317	5	X
K05Y76A	17.2	0.15	K13B4	309.882	120.906	311.098	3.875	0.21001	2.66050	5	X
K05YB8C	18.2	0.15	K13B4	338.818	327.280	92.247	2.868	0.17850	2.63271	3	X
K05YCLW	17.5	0.15	K13B4	336.971	16.834	64.721	3.278	0.18014	2.58730	3	X
K05YDOQ	16.9	0.15	K13B4	338.690	319.897	104.912	7.960	0.10360	2.62833	4	X
K05YD6F	16.9	0.15	K13B4	92.566	223.779	60.460	3.972	0.04116	2.72482	6	X
K05YD9H	17.1	0.15	K13B4	335.231	329.086	95.966	13.276	0.16807	2.60594	3	X
K05YH8R	17.1	0.15	K13B4	240.089	81.903	60.365	4.569	0.03253	2.72253	6	X
K05YI5G	16.5	0.15	K13B4	352.016	287.132	119.239	13.657	0.17850	2.63273	6	X
K05YK5G	16.8	0.15	K13B4	343.191	304.621	98.332	7.050	0.06970	2.68557	5	X
K05YLOO	17.1	0.15	K13B4	356.961	347.969	45.289	5.756	0.29364	2.58978	3	X
K05YQOX	17.3	0.15	K13B4	267.353	338.826	142.794	5.621	0.06040	2.70776	6	X
K06A15F	16.4	0.15	K13B4	87.618	10.998	292.447	6.609	0.01368	2.71962	5	X
K06A20W	16.2	0.15	K13B4	352.263	315.246	91.992	15.387	0.14923	2.63263	4	X
K06A25M	17.5	0.15	K13B4	23.594	63.413	300.230	4.525	0.08268	2.66158	6	X
K06A33B	16.4	0.15	K13B4	308.681	136.440	300.937	12.907	0.13892	2.65756	4	X

K06A35T	17.2	0.15	K13B4	5.503	253.301	127.677	2.121	0.29628	2.62402	4	X
K06A47J	16.6	0.15	K13B4	36.998	242.253	97.000	14.337	0.17614	2.69003	4	X
K06A57Z	15.8	0.15	K13B4	96.998	4.945	292.324	8.256	0.16164	2.74083	5	X
K06A59E	17.2	0.15	K13B4	5.762	265.472	120.279	5.696	0.26323	2.61753	3	X
K06A61W	17.9	0.15	K13B4	320.522	290.846	145.125	4.270	0.17193	2.65400	5	X
K06A65S	16.6	0.15	K13B4	44.840	20.339	320.882	5.265	0.06912	2.72279	4	X
K06A67G	17.3	0.15	K13B4	331.017	280.280	143.453	5.794	0.17457	2.65248	5	X
K06A78U	16.6	0.15	K13B4	114.303	149.602	109.826	4.594	0.04950	2.78441	5	X
K06A90J	17.1	0.15	K13B4	323.645	171.255	261.773	7.874	0.06829	2.60255	4	X
K06AA4L	16.6	0.15	K13B4	332.719	270.084	139.452	5.977	0.04601	2.77550	4	X
K06B12M	16.6	0.15	K13B4	313.047	325.820	140.384	14.602	0.21805	2.66023	7	X
K06B39G	17.0	0.15	K13B4	34.901	308.246	54.048	2.691	0.11557	2.64572	8	X
K06B41J	17.0	0.15	K13B4	342.430	90.604	325.104	1.886	0.11809	2.68166	5	X
K06B56S	16.6	0.15	K13B4	348.391	255.887	137.701	5.998	0.07467	2.73032	5	X
K06B61Z	17.2	0.15	K13B4	330.845	1.458	81.971	2.487	0.23250	2.61809	4	X
K06B75B	16.9	0.15	K13B4	208.825	140.668	38.819	3.110	0.01981	2.75244	5	X
K06B86S	16.5	0.15	K13B4	183.466	80.573	116.741	5.400	0.01526	2.77866	6	X
K06BB1B	16.4	0.15	K13B4	277.676	118.302	329.078	13.793	0.05319	2.81087	4	X
K06BB3R	17.3	0.15	K13B4	311.979	340.978	106.526	3.301	0.17925	2.67612	5	X
K06BC1O	16.4	0.15	K13B4	16.026	49.290	324.724	5.583	0.02345	2.73916	5	X
K06BC5L	16.6	0.15	K13B4	40.760	7.581	343.400	6.491	0.03231	2.78952	4	X
K06BJ9U	16.9	0.15	K13B4	292.844	312.205	145.489	4.992	0.03681	2.79806	6	X
K06BL1P	16.6	0.15	K13B4	340.534	266.539	141.857	6.474	0.09162	2.77943	4	X
K06BP2E	17.1	0.15	K13B4	355.946	230.047	153.956	4.089	0.10332	2.77803	5	X
K06BS0X	17.0	0.15	K13B4	274.599	56.881	63.995	4.212	0.15046	2.74048	4	X
K06D30A	16.5	0.15	K13B4	341.346	241.627	170.417	14.298	0.21580	2.75733	4	X
K06D32K	16.6	0.15	K13B4	272.957	320.254	168.143	4.868	0.18221	2.75400	5	X
K06D36L	16.3	0.15	K13B4	251.127	160.734	353.778	9.300	0.09676	2.79187	4	X
K06D47J	16.5	0.15	K13B4	83.679	285.958	331.620	5.064	0.12344	3.00716	5	X
K06D56N	16.6	0.15	K13B4	20.435	319.147	37.031	5.706	0.12008	2.84281	6	X
K06D76X	16.4	0.15	K13B4	30.963	217.113	127.243	3.002	0.07476	2.86533	6	X
K06D77E	17.0	0.15	K13B4	350.577	268.765	153.840	11.818	0.29363	2.64373	5	X
K06D82R	16.9	0.15	K13B4	260.936	159.404	343.582	7.924	0.11872	2.76915	4	X
K06D94J	15.9	0.15	K13B4	69.831	96.131	181.155	24.034	0.28173	3.16502	4	X
K06DF0L	16.8	0.15	K13B4	342.026	211.094	213.813	2.932	0.08432	2.75719	6	X
K06DGT7L	16.7	0.15	K13B4	8.736	351.943	41.342	4.844	0.11769	2.77086	5	X
K06E53G	16.1	0.15	K13B4	315.817	99.765	28.756	29.123	0.32976	2.61678	5	X
K06E56O	16.1	0.15	K13B4	305.339	279.816	180.224	11.825	0.14076	2.72977	6	X
K06F06K	15.9	0.15	K13B4	257.400	115.081	55.390	9.854	0.17812	2.74151	7	X
K06F28O	16.4	0.15	K13B4	197.350	146.002	36.308	11.161	0.02782	2.97603	4	X
K06F28Y	16.1	0.15	K13B4	66.615	274.558	31.881	16.921	0.11552	3.06317	4	X
K06G34H	16.2	0.15	K13B4	103.654	76.080	170.354	14.741	0.27410	3.12977	4	X
K06G35G	15.8	0.15	K13B4	107.363	39.558	186.689	11.058	0.19079	3.15047	4	X
K06H03U	16.3	0.15	K13B4	127.125	101.429	132.547	4.240	0.15715	3.08244	5	X
K06H35B	16.2	0.15	K13B4	49.369	259.599	62.650	1.764	0.15797	3.14115	7	X
K06H44V	15.5	0.15	K13B4	30.051	292.826	19.725	26.442	0.26817	3.18939	3	X
K06H62Y	16.2	0.15	K13B4	49.697	255.487	60.308	6.033	0.13817	3.13667	7	X
K06H68U	16.1	0.15	K13B4	182.044	358.420	201.682	5.841	0.10545	3.01157	5	X
K06H72O	15.9	0.15	K13B4	39.462	178.889	150.787	6.032	0.14742	3.15772	7	X
K06J51P	16.5	0.15	K13B4	172.478	38.671	166.887	3.651	0.12900	2.99579	6	X
K06KB2D	15.7	0.15	K13B4	84.235	235.435	50.741	10.165	0.05260	3.12022	4	W
K06O02U	17.6	0.15	K13B4	41.883	213.562	111.962	8.670	0.26800	2.24910	4	X
K06O12C	17.7	0.15	K13B4	29.592	212.625	132.307	5.417	0.24012	2.27548	5	X
K06Q21J	18.1	0.15	K13B4	12.293	204.931	182.995	2.262	0.20727	2.24179	6	X
K06Q25M	18.2	0.15	K13B4	64.073	291.630	5.918	2.605	0.20434	2.27546	4	X
K06Q26U	17.6	0.15	K13B4	20.079	73.799	282.676	1.931	0.20908	2.28240	4	X
K06Q43F	17.5	0.15	K13B4	2.837	246.845	147.196	6.219	0.16060	2.25941	6	X
K06Q44L	17.7	0.15	K13B4	84.046	85.709	211.302	3.321	0.18673	2.22230	8	X
K06Q50C	18.2	0.15	K13B4	12.969	234.011	136.349	4.366	0.20378	2.27484	6	X
K06Q55X	17.9	0.15	K13B4	15.763	22.454	351.822	5.479	0.19006	2.26234	4	X
K06Q70K	17.9	0.15	K13B4	135.933	258.847	345.881	3.643	0.14060	2.23001	7	X
K06Q99A	18.0	0.15	K13B4	18.251	249.456	105.853	3.547	0.25068	2.29819	3	X
K06QB3A	17.9	0.15	K13B4	21.120	181.995	183.343	6.721	0.23285	2.26977	2	X
K06QC1P	17.2	0.15	K13B4	33.125	231.702	103.204	4.810	0.18971	2.28282	5	X
K06QH8H	18.7	0.15	K13B4	356.382	34.773	3.770	4.264	0.15068	2.27507	3	X
K06Q15K	17.7	0.15	K13B4	322.123	269.213	172.051	5.794	0.20808	2.28450	4	X
K06R10G	17.8	0.15	K13B4	5.988	205.517	168.288	5.254	0.23324	2.30506	4	X
K06R31Q	18.6	0.15	K13B4	2.853	180.470	220.007	1.480	0.20532	2.27650	4	X
K06R48Z	18.6	0.15	K13B4	13.445	20.202	353.377	2.467	0.23139	2.29826	2	X
K06R59R	17.2	0.15	K13B4	248.194	138.848	11.282	3.712	0.07229	2.28993	4	X
K06RA0U	16.9	0.15	K13B4	358.887	328.352	51.500	7.851	0.11934	2.28793	5	X
K06S37A	17.7	0.15	K13B4	53.435	335.860	315.607	3.153	0.19056	2.34665	7	X
K06S46G	17.7	0.15	K13B4	28.648	146.996	193.088	4.360	0.28682	2.31138	5	X
K06S52W	18.4	0.15	K13B4	2.877	102.141	261.930	3.555	0.18336	2.32250	2	X
K06S56G	17.5	0.15	K13B4	346.913	32.580	30.248	22.436	0.25953	2.29061	5	X
K06S59V	17.6	0.15	K13B4	19.920	316.355	46.209	7.881	0.16718	2.27988	5	X
K06S65O	18.4	0.15	K13B4	18.189	316.477	40.991	1.547	0.22059	2.29836	4	X
K06S69N	18.2	0.15	K13B4	356.211	221.322	168.149	2.777	0.17076	2.29890	4	X
K06S97D	19.0	0.15	K13B4	20.933	346.194	17.345	3.368	0.19913	2.30299	3	X
K06SA2W	17.2	0.15	K13B4	239.084	152.602	7.640	6.485	0.10067	2.27805	5	X
K06SC4U	18.5	0.15	K13B4	35.287	81.156	228.901	3.390	0.27065	2.31611	2	X
K06SC9N	17.8	0.15	K13B4	15.979	360.000	3.889	7.935	0.17723	2.30236	3	X
K06SE1A	17.9	0.15	K13B4	32.422	305.740	28.524	2.579	0.22129	2.29101	3	X
K06SG0K	18.6	0.15	K13B4	350.542	358.627	41.938	5.657	0.18275	2.31458	3	X
K06SG4W	17.3	0.15	K13B4	104.913	66.682	217.253	5.314	0.16980	2.23714	5	X
K06SH6V	17.4	0.15	K13B4	270.591	296.777	184.353	5.355	0.10602	2.30698	5	X
K06SM4R	18.1	0.15	K13B4	46.597	171.122	156.212	8.399	0.21145	2.24491	3	X
K06SP1C	18.2	0.15	K13B4	291.979	279.526	192.807	3.915	0.20878	2.30994	4	X
K06SS3D	17.9	0.15	K13B4	52.172	275.545	50.223	4.809	0.25217	2.26557	4	X
K06SS5P	17.7	0.15	K13B4	29.297	317.943	22.620	2.367	0.19786	2.33222	4	X
K06ST2T	17.3	0.15	K13B4	309.115	109.970	343.478	5.905	0.09490	2.27163	4	X
K06SX6L	18.4	0.15	K13B4	325.590	345.824	103.495	3.576	0.19559	2.28411	4	X
K06SZ5Z	17.9	0.15	K13B4	26.768	322.665	45.818	7.594	0.19415	2.28678	4	X
K06SZ6F	17.6	0.15	K13B4	37.306	186.629	144.102	2.364	0.25683	2.31243	4	X
K06Se1R	18.5	0.15	K13B4	323.917	251.571	178.560	2.286	0.15381	2.35165	4	X
K06Se3A	17.9	0.15	K13B4	58.261	255.395	42.873	4.932	0.24606	2.34962	5	X
K06T13J	17.8	0.15	K13B4	0.459	289.446	101.490	2.717	0.18019	2.30010	6	X

K06T15E	17.8	0.15	K13B4	68.257	289.316	10.639	6.556	0.21170	2.29957	4	X
K06T33D	17.2	0.15	K13B4	181.107	171.038	34.774	10.093	0.13523	2.32919	4	X
K06T60C	17.7	0.15	K13B4	28.793	322.708	26.305	7.997	0.10616	2.34702	4	X
K06T93H	17.2	0.15	K13B4	57.623	310.206	5.151	6.961	0.12518	2.32731	6	S
K06T94W	17.7	0.15	K13B4	22.844	299.757	52.640	6.835	0.27329	2.32275	4	X
K06T93U	18.4	0.15	K13B4	273.258	358.481	127.067	2.573	0.14864	2.33314	5	X
K06TC6J	18.7	0.15	K13B4	337.432	260.654	159.261	4.447	0.20345	2.33825	3	X
K06TC9P	18.9	0.15	K13B4	9.409	321.050	48.574	7.217	0.25408	2.31648	3	X
K06U14T	18.3	0.15	K13B4	336.468	318.091	100.494	2.206	0.17531	2.33778	4	X
K06U28Y	17.4	0.15	K13B4	53.533	278.096	24.656	4.392	0.23749	2.32872	2	X
K06U33F	17.8	0.15	K13B4	78.765	219.951	58.155	3.113	0.19206	2.35239	6	X
K06U34M	18.4	0.15	K13B4	275.253	73.188	40.836	4.772	0.07559	2.33953	5	X
K06U34T	18.7	0.15	K13B4	336.992	245.997	169.586	1.369	0.15785	2.32733	4	X
K06U38S	17.8	0.15	K13B4	9.561	343.122	27.271	2.226	0.15330	2.33403	7	X
K06U61W	17.8	0.15	K13B4	20.751	45.764	299.120	5.273	0.25510	2.32348	3	X
K06U62J	17.8	0.15	K13B4	22.389	148.115	228.966	2.727	0.09823	2.31955	5	X
K06U63G	17.3	0.15	K13B4	35.110	21.998	299.610	6.315	0.26871	2.33664	3	X
K06U67S	17.5	0.15	K13B4	29.013	7.153	59.939	5.518	0.10658	2.19635	5	X
K06U85H	17.9	0.15	K13B4	304.236	198.831	271.768	1.386	0.11646	2.30815	4	X
K06U87E	18.0	0.15	K13B4	293.370	61.582	39.754	6.610	0.11392	2.36135	4	X
K06U89Q	17.5	0.15	K13B4	340.128	19.696	32.528	9.116	0.19877	2.34357	4	X
K06U94S	18.1	0.15	K13B4	70.171	174.085	127.058	2.670	0.22238	2.31051	3	X
K06UC6C	18.1	0.15	K13B4	57.151	319.620	353.858	3.472	0.19095	2.31806	3	X
K06UE2O	18.6	0.15	K13B4	353.692	14.647	10.777	5.976	0.17670	2.34917	3	X
K06UH1Z	17.9	0.15	K13B4	36.501	92.569	222.893	13.309	0.31586	2.36536	4	X
K06UH9T	17.0	0.15	K13B4	331.200	342.112	86.146	7.081	0.09742	2.31851	4	X
K06UJ3V	17.6	0.15	K13B4	30.677	300.504	33.852	3.396	0.21869	2.33208	5	X
K06UL8D	18.1	0.15	K13B4	356.185	22.541	15.180	5.564	0.14661	2.31900	4	X
K06UM2A	17.5	0.15	K13B4	43.608	37.381	286.931	3.875	0.17803	2.30449	5	X
K06UN3Z	18.9	0.15	K13B4	8.470	348.403	37.959	9.537	0.13383	2.30519	3	X
K06UO5A	18.3	0.15	K13B4	65.514	243.376	59.879	2.567	0.18319	2.31663	4	X
K06UO9A	19.0	0.15	K13B4	348.789	194.359	217.732	1.364	0.21085	2.31014	4	X
K06UQ1B	18.8	0.15	K13B4	13.503	173.358	206.933	1.796	0.23065	2.31215	4	X
K06UQ7S	18.2	0.15	K13B4	189.052	158.842	40.840	1.976	0.03598	2.33575	4	X
K06USOH	18.6	0.15	K13B4	312.751	259.372	214.898	4.701	0.18663	2.30082	5	X
K06V00K	17.7	0.15	K13B4	297.387	73.772	27.319	3.448	0.15712	2.35120	5	X
K06V01O	17.7	0.15	K13B4	350.165	212.973	199.557	4.186	0.31238	2.32930	4	X
K06V05V	18.1	0.15	K13B4	0.553	315.079	69.958	2.332	0.20001	2.33978	6	X
K06V09O	17.8	0.15	K13B4	328.499	175.689	236.421	2.082	0.20499	2.36698	5	X
K06V26G	17.5	0.15	K13B4	27.280	306.526	47.994	3.283	0.22864	2.32949	4	X
K06V29V	16.9	0.15	K13B4	296.115	217.067	248.763	6.236	0.05578	2.35423	4	X
K06V45W	17.5	0.15	K13B4	315.328	53.118	55.371	5.900	0.17975	2.31865	5	X
K06V60F	17.7	0.15	K13B4	306.861	245.215	217.264	6.527	0.06173	2.32471	6	X
K06V63U	18.5	0.15	K13B4	3.706	310.021	66.393	4.690	0.23700	2.35173	2	X
K06V67M	17.7	0.15	K13B4	331.866	353.955	63.795	4.714	0.12998	2.36978	4	X
K06V70P	17.5	0.15	K13B4	290.121	30.116	73.985	2.303	0.14459	2.38498	4	X
K06V78O	17.9	0.15	K13B4	48.162	190.172	121.116	2.942	0.21809	2.37080	6	X
K06V83C	18.8	0.15	K13B4	6.774	7.585	9.278	1.349	0.19581	2.33543	3	X
K06VB6Q	18.4	0.15	K13B4	352.124	11.441	27.997	2.071	0.16722	2.34139	3	X
K06VB7P	18.2	0.15	K13B4	357.311	8.259	20.227	1.987	0.18137	2.34785	5	X
K06VB9M	18.0	0.15	K13B4	84.161	318.758	330.950	2.226	0.15003	2.33893	6	X
K06VC2X	18.1	0.15	K13B4	353.128	0.277	45.407	6.936	0.11110	2.34019	5	X
K06VC4M	18.2	0.15	K13B4	271.661	87.288	37.415	1.817	0.13333	2.38321	4	X
K06VE3R	18.4	0.15	K13B4	8.400	349.861	26.162	3.138	0.19774	2.28930	3	X
K06VF2U	17.7	0.15	K13B4	15.977	267.076	103.225	3.737	0.22186	2.32546	5	X
K06W11O	16.8	0.15	K13B4	358.750	341.817	55.614	8.047	0.22061	2.34249	6	X
K06W14K	18.3	0.15	K13B4	345.035	299.928	107.933	3.240	0.21443	2.35666	4	X
K06W56D	17.9	0.15	K13B4	305.399	92.756	1.022	1.327	0.14202	2.38011	3	X
K06W60C	17.7	0.15	K13B4	8.284	304.427	77.741	5.984	0.25338	2.32870	5	X
K06W88T	18.0	0.15	K13B4	4.561	2.319	21.904	4.220	0.26276	2.35102	5	X
K06W92U	15.8	0.15	K13B4	27.007	261.083	83.013	4.879	0.11310	3.91863	3	X
K06W96F	17.8	0.15	K13B4	343.751	237.092	180.267	5.600	0.21886	2.31626	4	X
K06WA0J	17.7	0.15	K13B4	356.032	305.879	80.513	8.281	0.25903	2.33506	4	X
K06WA3U	17.7	0.15	K13B4	339.346	344.146	72.010	3.107	0.21105	2.35459	5	X
K06WHOK	18.9	0.15	K13B4	344.422	319.279	102.222	2.199	0.16656	2.33658	4	X
K06WH1G	18.2	0.15	K13B4	314.278	270.604	196.741	1.261	0.13981	2.32531	5	X
K06X21M	18.2	0.15	K13B4	302.503	351.632	99.107	2.191	0.14928	2.39221	4	X
K06X21R	17.1	0.15	K13B4	300.496	15.020	81.398	3.340	0.17365	2.38881	3	X
K06X39F	17.7	0.15	K13B4	320.372	351.315	97.751	2.622	0.13422	2.38957	5	X
K06X45R	17.0	0.15	K13B4	276.929	78.729	43.869	7.420	0.15357	2.38365	3	X
K06X60G	17.5	0.15	K13B4	24.960	353.771	0.054	2.355	0.22772	2.41332	7	X
K06X71E	17.8	0.15	K13B4	244.975	103.827	43.052	2.137	0.12635	2.46465	4	X
K06Y12T	17.4	0.15	K13B4	338.053	300.853	114.887	2.390	0.17528	2.42425	4	X
K06Y36V	17.5	0.15	K13B4	301.842	47.625	46.223	3.494	0.14665	2.42967	4	X
K06Y47B	17.2	0.15	K13B4	329.661	348.471	92.233	5.820	0.17788	2.34731	5	X
K07A15Y	17.5	0.15	K13B4	268.356	349.337	141.053	2.872	0.14676	2.44861	3	X
K07A17M	16.7	0.15	K13B4	294.850	357.438	107.041	3.214	0.17171	2.44084	4	X
K07A23T	16.9	0.15	K13B4	277.914	213.502	269.829	5.761	0.06066	2.43769	6	X
K07A27Y	17.7	0.15	K13B4	0.822	232.668	156.328	2.670	0.21953	2.41236	4	X
K07B12D	17.1	0.15	K13B4	290.034	44.092	56.987	4.171	0.08672	2.48012	6	X
K07B21J	17.7	0.15	K13B4	318.539	48.071	55.157	2.776	0.17072	2.36352	5	X
K07B35H	17.4	0.15	K13B4	270.041	76.602	44.595	3.341	0.13864	2.47520	4	X
K07B65A	17.1	0.15	K13B4	173.729	53.276	148.387	6.254	0.18079	2.61604	7	X
K07B77Q	18.2	0.15	K13B4	260.115	190.581	314.872	5.670	0.13245	2.44243	4	X
K07B77W	16.7	0.15	K13B4	79.255	299.052	331.125	13.834	0.09460	2.66351	4	X
K07BA1Q	18.1	0.15	K13B4	354.365	265.891	124.028	6.173	0.18907	2.47093	3	X
K07C07N	17.2	0.15	K13B4	12.220	292.977	79.834	3.154	0.19467	2.42450	5	X
K07C40Z	17.2	0.15	K13B4	151.414	73.724	146.745	4.075	0.14695	2.61745	6	X
K07C47V	17.6	0.15	K13B4	315.400	283.633	182.084	2.267	0.15033	2.40079	4	X
K07C61K	17.3	0.15	K13B4	285.759	285.583	208.866	3.092	0.13339	2.43804	4	X
K07C79M	17.1	0.15	K13B4	228.239	111.099	46.930	8.222	0.11941	2.55602	7	X
K07D20P	16.7	0.15	K13B4	244.002	140.024	340.938	14.348	0.06333	2.61401	3	X
K07D63N	17.6	0.15	K13B4	305.419	337.437	114.677	4.375	0.15415	2.46721	4	X
K07D66R	17.8	0.15	K13B4	329.212	341.077	77.518	2.392	0.10016	2.53942	6	X
K07D71Y	17.7	0.15	K13B4	156.615	194.737	24.961	3.145	0.06296	2.63390	4	X
K07DB1Q	16.6	0.15	K13B4	39.111	344.018	9.914	13.333	0.17832	2.59743	5	X
K07E22A	17.6	0.15	K13B4	285.245	313.823	163.061	4.071	0.12777	2.46751	7	X

K07E40J	17.0	0.15	K13B4	99.269	234.423	40.043	5.534	0.13043	2.70955	6	X
K07E55O	17.9	0.15	K13B4	280.333	23.206	88.263	3.728	0.10227	2.55246	4	X
K07E58O	17.8	0.15	K13B4	339.899	81.025	327.506	8.161	0.30110	2.42836	3	X
K07E87T	17.8	0.15	K13B4	159.488	21.296	182.072	26.493	0.06170	1.91274	2	X
K07E88S	17.4	0.15	K13B4	260.064	302.267	187.822	18.864	0.07972	2.63113	5	X
K07EB9T	17.8	0.15	K13B4	271.538	328.992	171.113	5.968	0.21476	2.53292	5	X
K07EF7B	16.4	0.15	K13B4	134.298	205.039	33.054	9.978	0.12075	2.73270	5	X
K07F21F	17.4	0.15	K13B4	158.578	52.093	162.330	4.611	0.21413	2.65292	4	X
K07F36U	17.3	0.15	K13B4	32.128	199.075	147.157	6.834	0.03359	2.68536	7	X
K07F46L	17.5	0.15	K13B4	223.038	150.998	32.285	11.142	0.03587	2.60973	4	X
K07F46V	16.3	0.15	K13B4	144.034	198.550	33.307	8.260	0.02856	2.72954	4	X
K07G21R	16.7	0.15	K13B4	40.019	314.019	47.113	7.156	0.05115	2.68496	5	X
K07G22D	17.0	0.15	K13B4	143.040	147.272	83.924	1.807	0.01423	2.76818	6	X
K07G23R	16.5	0.15	K13B4	219.993	332.980	210.452	13.247	0.17762	2.61563	3	X
K07G26X	16.3	0.15	K13B4	184.816	24.637	171.216	6.588	0.01166	2.75061	7	X
K07G30V	17.1	0.15	K13B4	89.302	251.718	31.403	4.958	0.04950	2.75342	6	X
K07G37O	16.6	0.15	K13B4	65.489	232.457	71.725	4.902	0.08629	2.77800	4	X
K07G42W	17.4	0.15	K13B4	225.178	126.484	36.106	5.665	0.09998	2.66603	5	X
K07G63J	16.7	0.15	K13B4	53.974	286.729	29.978	4.415	0.09817	2.80579	5	X
K07G72R	17.7	0.15	K13B4	173.618	194.690	23.009	21.927	0.05618	1.87574	5	X
K07G76K	16.6	0.15	K13B4	47.982	316.932	18.927	9.539	0.10327	2.74313	7	X
K07H08P	14.2	0.15	K13B4	319.561	67.767	7.742	7.500	0.07696	5.14849	5	X
K07H22A	17.2	0.15	K13B4	77.335	220.249	68.281	3.257	0.12185	2.83568	6	X
K07H43R	17.1	0.15	K13B4	24.550	262.681	91.729	5.007	0.10831	2.76174	4	X
K07H48P	16.7	0.15	K13B4	117.799	205.182	72.411	4.341	0.04720	2.69420	5	X
K07H50W	17.4	0.15	K13B4	146.405	133.412	90.656	5.364	0.15897	2.78148	5	X
K07H55C	16.4	0.15	K13B4	142.059	44.489	183.684	13.211	0.13952	2.77368	5	X
K07J40N	17.7	0.15	K13B4	328.757	190.791	225.262	22.612	0.12191	1.92608	5	X
K07L22J	15.6	0.15	K13B4	355.089	254.216	128.862	15.643	0.15856	2.84952	7	X
K07L25L	16.4	0.15	K13B4	11.398	133.533	244.387	9.811	0.08768	2.98550	5	X
K07O06S	17.1	0.15	K13B4	5.796	325.844	40.258	16.111	0.58707	3.30752	3	X
K07P10B	16.1	0.15	K13B4	24.260	239.741	114.779	5.386	0.22712	3.13890	7	X
K07P13H	15.9	0.15	K13B4	35.941	225.856	127.893	12.020	0.17921	3.04459	6	X
K07P49A	16.0	0.15	K13B4	26.220	219.699	143.277	20.063	0.14342	3.05532	6	X
K07P50M	16.0	0.15	K13B4	336.254	270.109	152.788	10.514	0.13302	3.04055	8	X
K07P50V	16.0	0.15	K13B4	27.301	180.823	165.523	9.779	0.07049	3.16462	7	X
K07R39P	16.0	0.15	K13B4	1.068	307.266	67.068	2.330	0.16571	3.23890	3	X
K07R61Q	15.8	0.15	K13B4	21.399	23.067	343.516	9.997	0.10345	3.12211	6	X
K07R66J	16.1	0.15	K13B4	44.665	156.162	163.826	14.858	0.25173	3.17237	3	X
K07R70D	16.6	0.15	K13B4	18.167	262.575	111.615	3.191	0.17346	3.15385	4	X
K07R85J	16.1	0.15	K13B4	20.119	196.012	162.530	6.822	0.17257	3.18844	4	X
K07R90S	15.8	0.15	K13B4	28.582	358.202	6.113	9.247	0.07345	3.17951	4	X
K07RA9Y	16.3	0.15	K13B4	304.972	284.203	165.022	4.609	0.13410	3.22203	4	X
K07RD2W	16.6	0.15	K13B4	10.223	58.995	321.408	8.219	0.07882	3.16739	5	X
K07RD6V	16.8	0.15	K13B4	352.651	255.718	155.637	5.109	0.18631	3.15574	3	X
K07RH2O	16.5	0.15	K13B4	43.279	287.934	27.473	8.130	0.17633	3.30878	3	X
K07RK2S	16.7	0.15	K13B4	59.836	131.658	194.516	11.384	0.10371	3.21029	5	X
K07RM2U	15.9	0.15	K13B4	46.419	279.215	47.439	16.654	0.24439	3.16477	4	X
K07RN2V	15.8	0.15	K13B4	357.697	233.455	168.784	15.317	0.19396	3.19248	4	X
K07RO2J	15.3	0.15	K13B4	342.653	52.646	355.874	17.478	0.17349	3.19212	4	X
K07RQ1S	16.0	0.15	K13B4	312.323	94.360	18.104	23.540	0.26229	3.18463	3	X
K07RR2X	16.6	0.15	K13B4	348.990	46.882	0.574	14.630	0.12778	3.23879	4	X
K07RT8C	15.4	0.15	K13B4	340.381	59.861	8.188	13.876	0.08811	3.11561	6	X
K07RV0S	16.0	0.15	K13B4	77.526	6.858	300.926	6.942	0.26152	3.10378	6	X
K07RV3Q	15.9	0.15	K13B4	33.974	177.657	182.962	28.315	0.15601	3.19260	3	X
K07T58P	15.8	0.15	K13B4	35.229	162.020	170.816	11.827	0.10504	3.22551	2	X
K07TH4F	15.2	0.15	K13B4	67.768	275.221	23.254	14.974	0.09732	3.39839	3	X
K07TS1L	16.3	0.15	K13B4	95.324	49.343	241.436	3.886	0.15579	3.16361	4	X
K07U14O	16.3	0.15	K13B4	21.835	348.144	21.311	3.296	0.02706	3.25504	7	X
K07UB9C	16.8	0.15	K13B4	350.923	255.140	167.619	1.192	0.19706	3.17893	4	X
K07VV1C	15.7	0.15	K13B4	268.251	19.481	101.314	4.586	0.10241	3.97426	7	X
K07X56N	14.8	0.15	K13B4	304.016	248.143	300.772	24.836	0.22649	3.20021	6	X
K07Y02Y	15.8	0.15	K13B4	323.883	70.583	111.368	26.892	0.21157	3.16708	4	X
K07Y10Y	15.8	0.15	K13B4	23.848	358.675	88.107	16.097	0.02546	3.19239	5	X
K08A80C	18.0	0.15	K13B4	278.796	336.375	154.291	1.479	0.17564	2.19899	4	X
K08AD7S	17.9	0.15	K13B4	356.556	264.686	135.841	3.475	0.15167	2.20093	3	X
K08AD8C	17.5	0.15	K13B4	327.858	156.758	274.884	5.155	0.10299	2.20028	6	X
K08B22R	17.2	0.15	K13B4	320.740	291.956	150.522	8.924	0.12040	2.21784	5	X
K08B47Y	17.8	0.15	K13B4	147.521	60.506	161.978	1.541	0.14318	2.36407	4	X
K08C04E	18.0	0.15	K13B4	192.689	121.277	84.697	4.123	0.08315	2.24021	5	X
K08C25A	18.0	0.15	K13B4	312.979	343.095	96.380	3.115	0.12315	2.25121	6	X
K08C43O	17.4	0.15	K13B4	0.999	287.988	92.886	4.670	0.20419	2.27913	5	X
K08C92C	17.7	0.15	K13B4	86.727	286.810	11.108	3.743	0.00883	2.30465	4	X
K08CA0D	17.8	0.15	K13B4	241.692	6.976	138.519	4.204	0.07375	2.27960	5	X
K08CB0Z	17.3	0.15	K13B4	256.678	126.008	359.688	6.305	0.10884	2.27096	2	X
K08CB5P	17.8	0.15	K13B4	3.092	262.314	117.553	8.049	0.13127	2.22200	3	X
K08CD9W	17.8	0.15	K13B4	232.552	352.351	167.217	3.713	0.14064	2.27731	6	X
K08CE7D	17.8	0.15	K13B4	13.037	96.702	296.051	5.488	0.06865	2.22414	5	X
K08CJ4Z	17.5	0.15	K13B4	144.606	234.703	5.733	2.703	0.12174	2.40099	5	X
K08CK5M	17.5	0.15	K13B4	140.124	341.459	259.829	1.586	0.14274	2.36013	5	X
K08CL5S	17.3	0.15	K13B4	65.325	313.505	2.789	5.852	0.09005	2.40867	6	X
K08D15S	17.5	0.15	K13B4	219.820	53.100	112.730	3.162	0.15090	2.30309	4	X
K08D21N	17.5	0.15	K13B4	31.999	236.554	108.104	7.025	0.12773	2.30358	4	X
K08D32R	17.9	0.15	K13B4	173.023	129.354	77.389	2.382	0.13119	2.35764	5	X
K08D38B	17.3	0.15	K13B4	243.405	251.681	260.014	1.416	0.10943	2.31461	7	X
K08D80S	17.4	0.15	K13B4	187.323	154.688	36.530	6.122	0.09975	2.37571	6	X
K08E22Z	17.2	0.15	K13B4	209.315	118.286	74.039	3.142	0.08889	2.27990	6	X
K08E23F	17.5	0.15	K13B4	187.630	161.538	33.189	8.647	0.14046	2.34215	5	X
K08E31Z	17.5	0.15	K13B4	337.171	155.710	274.789	3.878	0.17714	2.19255	6	X
K08E33C	18.0	0.15	K13B4	342.581	348.608	63.957	5.776	0.17157	2.25795	4	X
K08E42K	13.5	0.15	K13B4	85.842	269.128	14.910	27.199	0.03022	5.18269	4	X
K08E44V	17.6	0.15	K13B4	309.336	255.051	186.254	7.251	0.09936	2.31170	4	X
K08E52V	16.7	0.15	K13B4	203.067	70.559	126.154	7.060	0.08579	2.31450	6	X
K08E52Y	17.7	0.15	K13B4	212.729	109.323	64.934	5.653	0.15464	2.33661	5	X
K08E56Y	17.4	0.15	K13B4	233.708	90.046	66.729	5.018	0.09632	2.30474	5	X
K08E74K	17.6	0.15	K13B4	154.224	93.223	128.624	5.355	0.06978	2.39304	7	X
K08E95B	17.9	0.15	K13B4	205.864	72.049	110.998	3.869	0.20119	2.35837	5	X

K08EB6Q	17.6	0.15	K13B4	134.383	143.516	107.828	2.301	0.15120	2.40824	6	X
K08EB7B	18.1	0.15	K13B4	295.951	79.214	23.686	2.020	0.16186	2.27838	5	X
K08EC0S	17.6	0.15	K13B4	284.180	48.433	65.924	1.223	0.14903	2.27483	3	X
K08EC1D	17.9	0.15	K13B4	228.016	129.039	33.461	2.748	0.16455	2.32056	6	X
K08ED0A	17.4	0.15	K13B4	257.229	31.514	109.952	4.561	0.15120	2.27951	5	X
K08F38V	17.5	0.15	K13B4	157.020	130.169	85.434	3.798	0.13801	2.43572	6	X
K08F89Y	17.6	0.15	K13B4	123.822	135.306	124.114	2.952	0.18970	2.35459	4	X
K08F95F	17.5	0.15	K13B4	206.544	26.901	148.299	4.313	0.16356	2.39226	6	X
K08FA2Z	17.1	0.15	K13B4	303.036	316.980	138.997	7.289	0.07221	2.36632	5	X
K08FA8L	17.9	0.15	K13B4	300.016	285.993	169.110	5.644	0.13066	2.29678	3	X
K08FB5D	17.5	0.15	K13B4	157.942	196.558	30.263	6.775	0.06744	2.37949	7	X
K08FC8M	17.2	0.15	K13B4	184.264	146.247	56.756	5.699	0.04981	2.41029	4	X
K08G04G	16.7	0.15	K13B4	173.963	9.109	219.891	25.533	0.18450	2.35861	6	X
K08G05W	17.2	0.15	K13B4	120.047	220.140	46.199	10.702	0.12439	2.41462	3	X
K08G10U	17.4	0.15	K13B4	182.993	159.946	64.285	2.204	0.13542	2.36742	7	X
K08G23J	17.8	0.15	K13B4	187.896	33.909	161.876	6.691	0.05760	2.37935	4	X
K08G36V	13.9	0.15	K13B4	182.891	4.334	198.229	20.485	0.07394	5.25787	7	X
K08G54G	17.1	0.15	K13B4	41.089	273.147	35.797	13.128	0.27978	2.64876	5	X
K08G58F	17.4	0.15	K13B4	156.092	195.632	24.840	6.963	0.06724	2.41262	6	X
K08G67O	17.1	0.15	K13B4	1.823	185.742	198.730	11.128	0.08118	2.42341	5	X
K08G82E	16.7	0.15	K13B4	68.520	207.401	67.349	7.458	0.27268	2.62503	5	X
K08G91U	17.5	0.15	K13B4	235.678	336.698	177.608	3.804	0.08887	2.35657	8	X
K08GC1A	17.7	0.15	K13B4	202.182	112.561	67.584	3.862	0.12115	2.38429	4	X
K08GC4N	17.5	0.15	K13B4	231.923	105.866	69.979	6.428	0.11240	2.29544	4	X
K08GD8X	17.4	0.15	K13B4	118.358	200.486	72.872	6.263	0.08411	5.27913	4	X
K08H12M	17.0	0.15	K13B4	196.689	139.428	50.931	6.835	0.08163	2.43607	5	S
K08H38B	21.2	0.15	K13B4	31.518	209.396	102.660	1.021	0.49239	1.85397	4	X
K08H38E	16.3	0.15	K13B4	47.594	243.809	72.712	13.988	0.27336	2.62391	4	X
K08H51E	17.7	0.15	K13B4	209.180	117.178	55.469	5.223	0.14772	2.41673	5	X
K08H61M	17.2	0.15	K13B4	104.893	215.919	43.364	5.856	0.10595	2.55807	6	X
K08J10M	17.8	0.15	K13B4	65.894	132.077	161.979	6.228	0.19283	2.53797	5	X
K08J26R	19.9	0.15	K13B4	47.563	96.524	230.755	16.814	0.17751	1.39428	2	X
K08J26W	13.9	0.15	K13B4	111.290	234.213	56.295	13.574	0.07904	5.22518	5	X
K08K02H	17.2	0.15	K13B4	35.746	178.213	166.770	13.410	0.21128	2.56989	7	X
K08K03K	17.4	0.15	K13B4	27.178	140.122	192.455	5.708	0.20279	2.63813	3	X
K08K12Z	17.4	0.15	K13B4	90.066	122.080	145.262	2.498	0.16664	2.58247	5	X
K08K27T	17.0	0.15	K13B4	97.062	98.370	162.599	6.145	0.16810	2.56418	4	X
K08K39S	17.2	0.15	K13B4	57.830	143.964	172.557	10.692	0.07127	2.55766	4	X
K08K40M	16.8	0.15	K13B4	66.280	191.209	111.256	8.511	0.19347	2.61194	6	X
K08L00S	17.1	0.15	K13B4	295.215	27.008	61.709	6.513	0.01512	2.41948	5	X
K08O09P	16.1	0.15	K13B4	19.820	221.974	136.089	17.716	0.24297	2.78704	5	X
K08O23Y	16.6	0.15	K13B4	43.691	163.115	157.954	9.921	0.28663	2.78797	3	X
K08O25K	16.1	0.15	K13B4	335.840	23.128	51.097	8.835	0.32639	3.06706	3	X
K08P07Q	16.5	0.15	K13B4	124.635	334.487	290.217	10.935	0.17108	2.61974	6	X
K08P10P	16.3	0.15	K13B4	42.158	192.723	140.673	15.269	0.19091	2.76695	4	X
K08P20G	16.7	0.15	K13B4	49.692	217.079	102.737	13.569	0.27325	2.78182	3	X
K08P20O	15.8	0.15	K13B4	92.771	253.108	40.631	15.711	0.17941	2.69906	5	X
K08P21J	16.6	0.15	K13B4	25.734	266.133	80.297	7.702	0.34428	2.84598	5	X
K08Q04O	17.9	0.15	K13B4	56.617	93.691	223.314	8.366	0.16154	2.74966	5	X
K08Q13Q	16.0	0.15	K13B4	74.403	329.301	349.993	9.361	0.15812	2.75061	4	X
K08Q14P	17.0	0.15	K13B4	64.483	141.888	174.991	4.306	0.06256	2.77958	6	X
K08Q22O	16.0	0.15	K13B4	83.790	24.317	271.117	8.019	0.13613	2.72446	7	X
K08Q38H	16.9	0.15	K13B4	59.934	151.823	178.602	5.422	0.08485	2.80748	5	X
K08Q46A	16.8	0.15	K13B4	61.480	117.265	209.834	8.636	0.18651	2.74087	5	X
K08R33K	17.3	0.15	K13B4	71.706	102.413	222.088	3.279	0.06084	2.76172	5	X
K08R39D	16.7	0.15	K13B4	4.187	222.898	171.916	5.763	0.03253	2.79014	5	X
K08R41G	17.4	0.15	K13B4	347.885	30.054	12.556	2.820	0.18341	2.89074	4	X
K08R58J	16.6	0.15	K13B4	108.406	111.525	166.885	5.546	0.10286	2.77854	4	X
K08R82B	16.9	0.15	K13B4	344.392	225.256	184.847	8.967	0.15752	2.79891	5	X
K08RA1Q	16.5	0.15	K13B4	65.300	128.480	177.526	10.129	0.06412	2.87675	7	X
K08RA5Z	16.3	0.15	K13B4	358.670	358.625	25.655	12.133	0.18465	2.99515	2	X
K08RA8O	17.5	0.15	K13B4	347.559	185.144	214.827	1.353	0.09919	2.87207	3	X
K08RA9U	17.1	0.15	K13B4	39.018	339.485	359.769	1.380	0.08944	2.90381	5	X
K08RBOY	17.3	0.15	K13B4	356.134	332.328	69.307	2.916	0.11385	2.85269	2	X
K08RBDI	16.9	0.15	K13B4	35.954	157.234	201.025	3.693	0.17689	2.75741	5	X
K08RD1Z	16.0	0.15	K13B4	19.892	254.758	115.002	5.078	0.12150	2.80113	6	X
K08S20Z	16.7	0.15	K13B4	234.454	330.383	180.627	8.860	0.10112	2.77186	5	X
K08S30J	16.5	0.15	K13B4	22.082	188.631	174.839	9.452	0.19969	2.77879	5	X
K08S52E	16.8	0.15	K13B4	23.022	165.801	190.606	16.950	0.16753	2.89534	4	X
K08S58S	16.4	0.15	K13B4	25.247	317.008	35.631	10.421	0.06951	2.97335	6	X
K08S88L	17.2	0.15	K13B4	4.415	352.495	21.267	2.035	0.11714	2.95308	5	X
K08S99U	16.6	0.15	K13B4	116.078	226.316	52.096	10.316	0.04695	2.89293	5	X
K08SA1Y	16.2	0.15	K13B4	1.945	352.125	25.871	10.906	0.11448	3.00201	3	X
K08SA2X	16.2	0.15	K13B4	61.342	133.529	177.170	11.309	0.07862	2.99713	6	X
K08SB7F	15.8	0.15	K13B4	303.526	61.629	17.415	9.830	0.05706	2.99238	3	X
K08SD4F	17.2	0.15	K13B4	62.160	140.050	187.329	5.050	0.08231	2.74480	5	X
K08SE3A	16.7	0.15	K13B4	359.749	351.683	45.022	8.289	0.14178	2.94453	4	X
K08SF3X	16.2	0.15	K13B4	80.352	281.252	31.189	4.208	0.08927	2.77187	4	X
K08SH7U	16.0	0.15	K13B4	311.337	42.890	26.566	10.418	0.06176	3.07596	4	X
K08SION	17.0	0.15	K13B4	325.461	37.745	29.513	2.876	0.16231	2.96721	5	X
K08SJOA	16.3	0.15	K13B4	5.893	134.909	216.549	6.191	0.13976	3.05177	5	X
K08SJ6J	16.9	0.15	K13B4	64.830	144.833	192.430	1.789	0.06161	2.88350	6	X
K08SLOB	17.1	0.15	K13B4	82.230	75.110	226.724	3.542	0.05408	2.80196	6	X
K08SL7Y	16.4	0.15	K13B4	3.569	283.274	107.788	9.710	0.20479	3.01122	4	X
K08SPOU	16.8	0.15	K13B4	44.905	291.311	36.568	2.123	0.08636	2.93165	6	X
K08SP8O	15.7	0.15	K13B4	345.997	341.122	57.101	10.180	0.04934	3.09317	4	X
K08SQ1B	17.3	0.15	K13B4	10.469	247.011	124.781	2.534	0.23674	2.95053	4	X
K08SQ5W	16.8	0.15	K13B4	351.332	341.637	58.373	1.791	0.14533	2.96959	5	X
K08SR1H	16.1	0.15	K13B4	232.161	122.632	31.831	11.243	0.07695	3.03029	4	X
K08SR9A	16.3	0.15	K13B4	323.786	204.844	231.296	11.734	0.11316	2.98354	5	X
K08SS1N	16.6	0.15	K13B4	359.043	355.875	50.881	2.617	0.09486	2.94805	3	X
K08SS2K	16.2	0.15	K13B4	231.811	303.877	218.057	8.612	0.03104	3.11119	4	X
K08ST3O	16.8	0.15	K13B4	339.659	291.369	137.017	8.289	0.26915	3.01044	2	X
K08ST9C	15.5	0.15	K13B4	66.830	200.603	113.925	7.021	0.07510	2.88957	3	X
K08SU0H	16.3	0.15	K13B4	17.313	324.898	35.396	5.199	0.12397	2.81329	4	X
K08T01A	18.7	0.15	K13B4	270.888	145.602	22.078	14.833	0.44841	1.39637	4	X
K08T02K	18.1	0.15	K13B4	49.869	327.963	346.666	18.478	0.03641	1.88096	3	X

K08T14G	16.5	0.15	K13B4	11.622	150.886	193.160	17.951	0.08140	3.01094	5	X
K08T19U	16.7	0.15	K13B4	32.223	302.231	36.934	10.523	0.11873	3.03865	4	X
K08T34H	17.5	0.15	K13B4	351.026	239.982	171.826	3.790	0.17603	2.90564	4	X
K08T35Q	17.2	0.15	K13B4	31.470	13.441	317.092	1.184	0.08178	2.96988	4	X
K08T38K	15.9	0.15	K13B4	11.461	292.195	79.779	9.288	0.22372	2.89877	4	X
K08T52Z	16.8	0.15	K13B4	359.781	326.988	51.558	2.829	0.09967	2.95057	6	X
K08T79U	17.1	0.15	K13B4	97.431	220.524	55.081	2.776	0.05587	2.93197	3	X
K08T98Z	17.2	0.15	K13B4	53.205	134.271	172.541	2.767	0.19910	2.94438	3	X
K08TA6C	16.9	0.15	K13B4	347.362	355.316	37.635	6.526	0.09350	2.94156	5	X
K08TA7L	16.8	0.15	K13B4	104.536	95.004	172.162	9.569	0.04571	2.95766	4	X
K08TA9E	17.7	0.15	K13B4	348.708	252.254	146.875	6.475	0.21113	2.93834	4	X
K08TC2C	18.1	0.15	K13B4	1.001	161.796	209.436	20.457	0.08120	1.86579	5	X
K08TE8G	16.7	0.15	K13B4	170.277	151.234	52.285	3.524	0.05276	2.95092	6	X
K08TE9D	16.1	0.15	K13B4	342.250	55.588	25.872	13.474	0.18597	2.79429	4	X
K08TE9W	16.8	0.15	K13B4	319.381	50.638	42.836	3.992	0.06202	2.78396	5	X
K08TH5F	17.3	0.15	K13B4	10.887	118.670	259.428	8.063	0.13241	2.89841	3	X
K08TH5K	16.2	0.15	K13B4	352.182	233.908	158.900	6.673	0.17004	3.06923	4	X
K08TH7Z	15.4	0.15	K13B4	309.024	271.184	178.833	16.382	0.18630	3.08019	4	X
K08U25B	17.0	0.15	K13B4	258.639	290.649	191.761	5.809	0.02976	2.86963	6	X
K08U29C	16.7	0.15	K13B4	307.579	339.578	128.488	1.337	0.10667	2.92542	5	X
K08U30S	17.4	0.15	K13B4	287.050	353.811	119.345	2.572	0.16356	3.03445	3	X
K08U32C	16.7	0.15	K13B4	4.628	254.448	119.482	2.273	0.13583	3.02646	6	X
K08U33D	16.4	0.15	K13B4	21.952	225.029	128.536	2.699	0.12106	3.03261	6	X
K08U34X	16.8	0.15	K13B4	45.154	292.544	32.723	8.056	0.05998	2.99894	4	X
K08U38M	16.2	0.15	K13B4	335.615	12.004	39.135	9.642	0.13097	3.06031	4	X
K08U46K	15.6	0.15	K13B4	349.416	4.880	34.366	10.206	0.06932	3.04959	5	X
K08U58C	16.6	0.15	K13B4	319.994	298.181	122.261	2.814	0.05945	3.03860	6	X
K08U60K	16.6	0.15	K13B4	60.440	80.882	242.196	8.737	0.07205	2.99282	5	X
K08U63D	16.1	0.15	K13B4	16.653	331.054	35.789	10.356	0.06989	3.02533	6	X
K08U69H	16.5	0.15	K13B4	48.988	146.968	181.341	10.663	0.10932	2.93229	4	X
K08U71R	16.0	0.15	K13B4	356.033	346.210	37.937	10.336	0.06534	3.13907	4	X
K08U76N	15.6	0.15	K13B4	338.994	2.056	41.834	7.070	0.06631	3.14532	5	X
K08U80D	16.1	0.15	K13B4	89.813	51.112	235.721	10.833	0.11831	3.01011	4	X
K08U80M	16.3	0.15	K13B4	35.905	4.087	306.873	5.967	0.14796	3.18061	3	X
K08U83P	16.2	0.15	K13B4	11.148	106.569	261.677	7.278	0.11113	2.94107	5	X
K08U90N	19.9	0.15	K13B4	35.896	312.998	33.552	17.545	0.12561	1.40445	4	X
K08U99C	15.8	0.15	K13B4	337.977	224.848	192.633	15.972	0.13864	3.00535	6	X
K08UA1H	16.8	0.15	K13B4	106.140	60.904	231.127	6.386	0.05330	2.86149	8	X
K08UA5Q	16.4	0.15	K13B4	355.368	309.164	80.026	2.550	0.15856	3.08573	4	X
K08UA6D	17.1	0.15	K13B4	12.075	157.771	219.724	5.065	0.07534	2.87929	5	X
K08UB5J	16.1	0.15	K13B4	111.026	261.896	5.940	8.820	0.05061	3.06473	4	X
K08UD3B	16.6	0.15	K13B4	27.229	323.529	17.414	1.183	0.17350	3.04032	7	X
K08UE0C	16.0	0.15	K13B4	89.442	107.169	167.346	0.243	0.11758	3.12866	6	X
K08UE2S	16.4	0.15	K13B4	132.744	182.635	55.408	4.177	0.04283	3.17110	5	X
K08UE2Z	15.7	0.15	K13B4	52.308	262.838	48.930	21.637	0.11953	3.09466	5	X
K08UE4N	16.8	0.15	K13B4	28.475	138.289	218.081	6.151	0.13364	2.99293	6	X
K08UF4F	15.8	0.15	K13B4	15.655	316.507	52.196	10.788	0.03888	3.08377	3	X
K08UG7U	16.6	0.15	K13B4	60.382	183.621	114.542	2.127	0.14774	3.08584	5	X
K08UI7K	16.3	0.15	K13B4	340.589	296.720	126.268	2.656	0.09415	3.04117	6	X
K08UI9Z	17.3	0.15	K13B4	59.550	243.031	67.768	3.302	0.10173	2.91137	3	X
K08UK1T	15.6	0.15	K13B4	357.313	350.625	45.422	16.818	0.14435	3.00497	3	X
K08UL0C	16.7	0.15	K13B4	98.058	315.298	343.186	1.347	0.05807	2.90845	8	X
K08UL7F	17.0	0.15	K13B4	312.115	297.774	150.507	2.573	0.04137	2.83792	6	X
K08UM4A	16.1	0.15	K13B4	357.379	120.397	262.230	11.017	0.08606	3.09120	2	X
K08UN9T	17.9	0.15	K13B4	109.866	252.467	34.293	22.135	0.01367	1.86214	5	X
K08UO0Q	16.3	0.15	K13B4	25.861	329.566	17.582	9.799	0.08422	3.09690	4	X
K08UO2D	16.1	0.15	K13B4	307.847	125.226	327.037	8.147	0.10946	3.04581	4	X
K08UO5T	16.3	0.15	K13B4	18.590	338.434	41.783	11.564	0.10913	3.00138	5	X
K08UQ5T	16.1	0.15	K13B4	67.277	277.049	24.292	12.037	0.05419	3.07227	3	X
K08UQ7S	16.7	0.15	K13B4	60.629	286.659	46.503	8.871	0.02743	2.95445	5	X
K08UR0B	16.4	0.15	K13B4	80.371	215.351	70.951	6.470	0.11526	3.08147	4	X
K08US9W	16.2	0.15	K13B4	148.118	20.820	216.361	9.215	0.07324	3.15194	5	X
K08UT1V	16.4	0.15	K13B4	249.653	105.491	26.710	9.169	0.03116	3.05217	5	X
K08UT8V	15.7	0.15	K13B4	91.167	252.969	25.937	9.420	0.05286	3.15367	4	X
K08UV5C	17.2	0.15	K13B4	306.795	13.990	78.837	0.820	0.19970	3.10487	4	X
K08UV6E	16.6	0.15	K13B4	300.693	301.621	154.549	1.530	0.15575	3.12310	6	X
K08UW2M	16.4	0.15	K13B4	300.941	163.386	291.805	4.964	0.02051	2.91319	6	X
K08UW4Y	15.7	0.15	K13B4	125.855	19.169	255.244	14.162	0.05072	3.05822	4	X
K08UX0N	16.0	0.15	K13B4	28.067	301.032	46.065	9.044	0.06903	3.05973	4	X
K08UX3C	17.5	0.15	K13B4	55.507	108.073	226.900	20.109	0.10944	1.86325	4	X
K08UX5E	16.3	0.15	K13B4	217.764	160.921	18.597	8.101	0.06590	3.07056	6	X
K08UX6R	15.2	0.15	K13B4	197.457	327.177	233.178	16.576	0.15608	3.08304	6	X
K08UX7B	16.3	0.15	K13B4	29.908	322.023	17.958	5.358	0.12486	3.11127	6	X
K08UY3B	16.2	0.15	K13B4	336.900	14.579	32.386	9.734	0.14658	3.10040	5	X
K08UY9H	16.3	0.15	K13B4	296.280	30.068	99.661	3.026	0.22725	2.99284	4	X
K08UZ3E	16.6	0.15	K13B4	29.675	137.176	226.224	4.753	0.15052	3.00027	4	X
K08UZ6H	16.2	0.15	K13B4	22.941	92.573	238.016	15.092	0.27886	3.15809	3	X
K08V14B	15.3	0.15	K13B4	292.813	18.313	96.019	8.199	0.14317	3.04492	5	X
K08V18T	16.6	0.15	K13B4	17.909	307.217	57.838	9.758	0.15331	2.98439	3	X
K08V23M	16.0	0.15	K13B4	308.893	4.763	84.393	6.553	0.11812	3.10247	7	X
K08V25H	16.5	0.15	K13B4	32.155	236.679	108.905	3.030	0.06449	3.03040	5	X
K08V43D	15.6	0.15	K13B4	26.589	55.472	285.657	10.262	0.08007	3.15102	2	X
K08V45Q	16.3	0.15	K13B4	7.490	345.545	25.023	11.366	0.09128	3.11493	4	X
K08V46N	15.9	0.15	K13B4	326.139	6.417	58.727	15.912	0.05026	3.08716	4	X
K08V58B	15.3	0.15	K13B4	354.096	302.689	77.228	19.232	0.09214	3.10288	4	X
K08V58E	16.4	0.15	K13B4	14.449	263.879	103.916	8.731	0.27816	2.97632	3	X
K08V69N	16.5	0.15	K13B4	325.651	54.135	18.252	2.544	0.08196	3.02120	5	X
K08V69O	16.1	0.15	K13B4	9.784	322.712	47.268	8.637	0.07088	3.08550	4	X
K08V76L	15.7	0.15	K13B4	276.520	51.925	67.007	6.749	0.13120	3.09167	6	X
K08W13C	18.3	0.15	K13B4	285.936	60.603	57.447	23.079	0.10665	1.86805	4	X
K08W25C	16.4	0.15	K13B4	343.175	336.984	70.557	7.457	0.24850	3.02514	4	X
K08W29U	15.8	0.15	K13B4	187.490	295.081	270.066	7.535	0.04173	3.16517	5	X
K08W40A	16.8	0.15	K13B4	266.734	16.363	116.383	1.735	0.11351	3.10069	7	X
K08W47C	16.1	0.15	K13B4	42.244	259.187	68.014	16.355	0.28009	3.05628	3	X
K08W48T	15.8	0.15	K13B4	303.106	28.728	62.142	13.238	0.12018	3.06389	4	X
K08W49A	16.6	0.15	K13B4	307.055	240.877	223.653	10.301	0.06322	2.94354	5	X
K08W55T	16.2	0.15	K13B4	29.658	134.448	222.417	9.523	0.08342	3.04794	2	X

K08W55Z	15.8	0.15	K13B4	148.594	212.987	37.792	10.737	0.07775	2.99435	3	X
K08W60X	15.8	0.15	K13B4	341.869	333.267	75.886	14.660	0.25554	3.10255	6	X
K08W71F	16.9	0.15	K13B4	11.108	138.723	242.648	7.619	0.13718	2.94338	4	X
K08W83N	16.2	0.15	K13B4	11.430	281.492	84.523	20.437	0.30096	3.04479	4	X
K08W86O	16.4	0.15	K13B4	251.382	269.992	246.536	7.681	0.12814	2.97153	4	X
K08W91Y	16.2	0.15	K13B4	352.890	343.518	62.496	2.935	0.14488	3.00350	7	X
K08WA5G	16.0	0.15	K13B4	265.196	35.607	88.149	2.899	0.10890	3.20751	7	X
K08WA5X	15.7	0.15	K13B4	325.222	256.686	165.816	10.586	0.10754	3.07462	7	X
K08WBOA	16.3	0.15	K13B4	265.972	72.670	61.063	7.975	0.20228	3.17399	5	X
K08WC8E	16.5	0.15	K13B4	291.196	325.012	128.968	1.746	0.05763	3.20019	6	X
K08WD8Y	15.9	0.15	K13B4	322.140	182.152	257.634	17.343	0.20846	3.11480	3	X
K08X05B	15.4	0.15	K13B4	348.259	135.938	270.653	15.077	0.13488	3.03929	3	X
K08X07C	17.3	0.15	K13B4	349.816	240.766	167.014	8.908	0.36296	3.00847	2	X
K08X13W	16.0	0.15	K13B4	138.210	216.448	40.245	13.702	0.13506	3.01668	4	X
K08X20Y	16.1	0.15	K13B4	352.448	297.450	97.436	17.140	0.22086	3.17263	5	X
K08X51S	17.2	0.15	K13B4	19.030	337.380	49.096	3.896	0.09359	3.01049	4	X
K08Y00B	15.8	0.15	K13B4	318.525	352.062	78.136	14.719	0.16706	3.12564	5	X
K08Y00D	15.8	0.15	K13B4	10.041	298.132	75.215	12.405	0.17196	3.02926	4	X
K08Y06G	16.0	0.15	K13B4	44.059	80.767	262.016	7.352	0.06546	3.08981	4	X
K08Y12K	16.7	0.15	K13B4	306.000	136.094	324.835	0.853	0.15366	3.09037	4	X
K08Y55W	16.0	0.15	K13B4	349.795	120.646	298.778	9.609	0.15277	3.10877	7	X
K08Y77M	16.1	0.15	K13B4	359.073	273.487	122.892	16.776	0.26098	3.15002	3	X
K08Y91D	16.3	0.15	K13B4	333.933	322.041	108.616	7.646	0.20379	3.15723	3	X
K08YA6H	16.6	0.15	K13B4	290.257	51.798	66.009	2.191	0.24731	3.31514	3	X
K08YB0R	16.9	0.15	K13B4	345.973	15.898	39.077	3.218	0.26631	3.02993	4	X
K09A00X	16.1	0.15	K13B4	323.978	123.792	290.392	14.847	0.21170	3.13095	5	X
K09A43S	16.6	0.15	K13B4	349.835	291.311	120.611	11.394	0.22571	3.13984	4	X
K09B97W	16.7	0.15	K13B4	332.679	302.227	134.899	2.848	0.18670	3.03992	5	X
K09BFOK	16.5	0.15	K13B4	301.431	220.456	317.003	3.065	0.09616	3.06615	7	X
K09C45B	17.3	0.15	K13B4	179.966	200.165	15.015	19.033	0.06032	1.99295	4	X
K09E03U	17.4	0.15	K13B4	6.638	214.949	173.264	22.712	0.06175	2.00310	5	X
K09H94V	17.1	0.15	K13B4	38.504	277.813	57.816	11.014	0.18906	2.26449	6	X
K09HA3F	17.8	0.15	K13B4	68.955	180.841	107.770	3.460	0.21281	2.28302	6	X
K09J00F	18.0	0.15	K13B4	106.102	167.160	82.015	4.195	0.22839	2.24987	5	X
K09K00Q	17.1	0.15	K13B4	59.680	106.484	209.357	6.864	0.16624	2.23994	7	X
K09K36H	17.4	0.15	K13B4	50.442	240.939	82.311	8.439	0.16156	2.26233	7	X
K09O05B	17.5	0.15	K13B4	31.359	196.631	138.604	4.097	0.18736	2.41003	5	X
K09O13K	17.7	0.15	K13B4	43.465	177.427	146.258	2.688	0.17795	2.41952	5	X
K09P00R	17.4	0.15	K13B4	55.576	168.962	144.068	1.756	0.18871	2.41687	5	X
K09P03Y	18.1	0.15	K13B4	39.415	116.350	216.576	3.281	0.23753	2.41884	6	X
K09P07N	17.9	0.15	K13B4	18.572	185.689	183.328	3.568	0.20048	2.40407	6	X
K09Q01V	17.9	0.15	K13B4	33.780	245.158	90.240	3.806	0.19412	2.46478	5	X
K09Q08X	17.8	0.15	K13B4	13.711	356.431	10.419	1.049	0.19095	2.45470	5	X
K09Q11B	16.9	0.15	K13B4	86.661	112.723	169.971	7.427	0.21198	2.40547	5	X
K09Q12W	17.8	0.15	K13B4	79.901	62.417	237.489	1.650	0.19576	2.38716	4	X
K09Q20O	17.6	0.15	K13B4	41.928	302.788	35.472	2.744	0.23117	2.41726	7	X
K09Q21Y	17.7	0.15	K13B4	59.400	208.000	97.250	2.501	0.29266	2.41313	5	X
K09Q41R	17.0	0.15	K13B4	0.158	177.879	168.628	15.050	0.26114	2.61937	3	X
K09Q53O	17.2	0.15	K13B4	244.185	172.472	344.991	5.449	0.05079	2.39415	6	X
K09R35C	16.9	0.15	K13B4	300.268	85.226	19.175	13.400	0.24637	2.58956	4	X
K09S34W	17.7	0.15	K13B4	353.048	93.590	279.124	1.750	0.15625	2.61871	3	X
K09S63X	17.7	0.15	K13B4	12.680	78.190	290.372	0.420	0.19341	2.47062	5	X
K09S77F	16.9	0.15	K13B4	32.550	229.879	115.892	5.087	0.06519	2.56892	6	X
K09S77J	16.3	0.15	K13B4	104.215	68.609	187.307	17.126	0.18598	2.60731	4	X
K09S89D	17.7	0.15	K13B4	342.441	199.402	224.818	6.475	0.10903	2.42501	4	X
K09SA0U	16.4	0.15	K13B4	24.291	307.929	22.375	32.015	0.30070	2.60017	4	X
K09SA3G	15.2	0.15	K13B4	354.406	178.540	235.383	31.318	0.19462	2.58042	5	X
K09SB2S	17.2	0.15	K13B4	100.773	54.949	213.959	8.441	0.21649	2.43764	6	X
K09SD0R	17.6	0.15	K13B4	20.403	343.524	40.733	4.897	0.07027	2.44760	5	X
K09SD2G	17.8	0.15	K13B4	300.299	75.134	25.904	14.399	0.21874	2.56208	3	X
K09SD2O	17.8	0.15	K13B4	299.332	294.339	161.559	4.226	0.14140	2.55348	4	X
K09SD4G	17.0	0.15	K13B4	234.116	118.823	54.136	7.019	0.09869	2.47412	4	X
K09SD8J	16.7	0.15	K13B4	96.846	78.162	200.831	14.543	0.08470	2.55656	5	X
K09SE6N	16.6	0.15	K13B4	280.831	75.714	30.610	12.433	0.08577	2.59222	4	X
K09SG8D	17.4	0.15	K13B4	9.815	315.608	49.307	4.842	0.23004	2.57507	3	X
K09SI8T	18.2	0.15	K13B4	1.310	277.078	105.849	4.140	0.23490	2.54944	3	X
K09SI9D	16.3	0.15	K13B4	11.034	77.601	275.966	13.902	0.11054	2.60224	4	X
K09SM8Z	17.7	0.15	K13B4	348.557	27.818	17.167	12.222	0.19534	2.55341	2	X
K09SN9A	16.6	0.15	K13B4	41.282	165.512	146.020	14.540	0.29606	2.55013	5	X
K09SP8H	18.5	0.15	K13B4	11.756	231.724	147.860	3.163	0.20367	2.47585	3	X
K09SR3F	17.4	0.15	K13B4	7.746	178.272	213.402	7.908	0.16190	2.43222	4	X
K09SR8M	17.8	0.15	K13B4	3.090	278.477	95.758	2.829	0.09755	2.53839	4	X
K09ST1Z	17.2	0.15	K13B4	44.914	197.927	129.690	6.262	0.21243	2.43296	5	X
K09ST5F	17.0	0.15	K13B4	297.736	0.509	92.418	4.983	0.11436	2.56054	7	X
K09SW8N	16.2	0.15	K13B4	332.066	196.677	205.504	32.390	0.15170	2.62572	5	X
K09SZ4N	16.8	0.15	K13B4	39.661	303.325	46.585	12.584	0.08751	2.62874	3	X
K09SZ8U	17.0	0.15	K13B4	347.329	253.917	140.732	5.157	0.05734	2.56378	5	X
K09Sa1D	16.9	0.15	K13B4	20.575	346.634	10.250	13.864	0.19344	2.55442	2	X
K09T00H	16.9	0.15	K13B4	291.290	70.404	35.225	7.012	0.12009	2.42553	5	X
K09T01M	17.1	0.15	K13B4	355.168	41.485	339.106	5.034	0.32289	2.59443	4	X
K09T03S	16.8	0.15	K13B4	34.305	323.165	28.047	10.964	0.06338	2.55121	3	X
K09T10C	17.2	0.15	K13B4	12.645	142.969	204.906	33.691	0.30931	2.57566	2	X
K09T12B	16.5	0.15	K13B4	17.268	310.956	47.922	12.437	0.17441	2.60519	3	X
K09T12M	17.7	0.15	K13B4	65.220	102.063	211.010	5.190	0.23897	2.40147	4	X
K09T14M	16.8	0.15	K13B4	350.850	14.544	41.040	16.500	0.24122	2.54278	5	X
K09T36V	16.4	0.15	K13B4	341.230	167.467	264.938	9.002	0.20611	2.46259	5	X
K09T38G	16.2	0.15	K13B4	358.736	315.972	62.429	18.843	0.20109	2.64129	5	X
K09T43H	16.8	0.15	K13B4	267.772	43.817	79.731	4.941	0.03882	2.53232	5	X
K09U11J	17.7	0.15	K13B4	30.073	289.763	55.736	7.266	0.09477	2.53593	3	X
K09U17U	16.3	0.15	K13B4	23.057	42.805	289.853	11.399	0.18978	2.60939	4	X
K09U19P	15.8	0.15	K13B4	87.078	293.273	17.801	13.929	0.11313	2.51933	6	X
K09U25T	16.3	0.15	K13B4	339.927	341.276	63.005	13.956	0.15295	2.61245	4	X
K09U34G	17.5	0.15	K13B4	7.262	144.346	216.226	10.967	0.30026	2.59162	2	X
K09U35E	16.5	0.15	K13B4	31.472	293.204	49.407	6.606	0.06785	2.69785	5	X
K09U37T	17.8	0.15	K13B4	14.723	318.786	59.244	6.526	0.18693	2.54903	3	X
K09U44H	17.8	0.15	K13B4	332.279	21.532	36.638	9.511	0.15161	2.58045	4	X
K09U66T	17.6	0.15	K13B4	67.262	217.897	71.693	4.075	0.19951	2.57941	6	X

K09U73A	17.3	0.15	K13B4	345.321	202.001	201.168	5.837	0.28472	2.61140	2	S
K09U84T	17.7	0.15	K13B4	24.906	248.353	96.164	3.376	0.21521	2.62661	3	X
K09U88S	17.1	0.15	K13B4	2.020	9.302	15.455	7.009	0.29350	2.56483	3	X
K09UA2U	16.9	0.15	K13B4	335.073	26.280	35.265	12.000	0.24086	2.61556	3	X
K09UA7N	18.2	0.15	K13B4	341.328	347.252	73.183	4.382	0.23872	2.57726	4	X
K09UD00	16.7	0.15	K13B4	17.761	292.571	56.763	16.266	0.29453	2.61593	6	X
K09UD0P	17.1	0.15	K13B4	321.452	8.129	72.203	5.835	0.24129	2.63249	3	X
K09UD3P	17.6	0.15	K13B4	6.994	175.706	199.632	6.638	0.18696	2.55318	4	X
K09UE1W	17.2	0.15	K13B4	5.913	333.705	55.054	3.733	0.24853	2.57505	3	X
K09UFLJ	17.0	0.15	K13B4	333.879	358.098	52.836	5.634	0.10862	2.70261	6	X
K09V05P	17.6	0.15	K13B4	353.207	326.091	69.488	5.436	0.24890	2.59302	3	X
K09V16U	16.5	0.15	K13B4	73.020	250.435	52.680	8.027	0.03838	2.76440	5	X
K09V17G	16.7	0.15	K13B4	7.812	86.869	298.812	3.399	0.16892	2.57746	6	X
K09V23N	16.9	0.15	K13B4	353.609	181.588	217.108	5.326	0.25160	2.60696	2	X
K09V35P	17.3	0.15	K13B4	331.633	26.873	29.808	6.587	0.14082	2.63667	5	X
K09V37H	16.9	0.15	K13B4	346.273	347.202	62.740	10.098	0.12072	2.59866	8	X
K09V43G	16.2	0.15	K13B4	307.874	208.124	248.101	13.153	0.05098	2.61339	3	X
K09V45A	16.8	0.15	K13B4	300.626	74.965	26.871	12.925	0.21871	2.64951	4	X
K09V58U	16.7	0.15	K13B4	257.047	198.971	303.763	4.736	0.04970	2.55715	6	X
K09V60G	16.6	0.15	K13B4	319.241	269.545	189.068	27.090	0.32731	2.56701	3	X
K09V60X	16.4	0.15	K13B4	285.630	226.274	223.346	11.767	0.05237	2.67483	5	X
K09V63E	16.6	0.15	K13B4	289.579	226.232	246.051	7.376	0.09128	2.66626	6	X
K09V64J	16.6	0.15	K13B4	5.432	297.074	89.570	6.200	0.21899	2.62608	4	X
K09V65S	17.2	0.15	K13B4	30.373	330.866	27.172	5.000	0.21566	2.56336	3	X
K09V66H	17.2	0.15	K13B4	348.490	146.751	258.092	5.983	0.04759	2.62220	5	X
K09V72J	16.9	0.15	K13B4	354.666	311.399	89.220	8.166	0.25088	2.57808	5	X
K09V72N	16.8	0.15	K13B4	358.356	258.635	120.000	7.003	0.28218	2.62603	4	X
K09V76B	17.6	0.15	K13B4	18.585	229.846	138.785	2.132	0.21770	2.58529	4	X
K09V86F	17.2	0.15	K13B4	66.988	113.575	212.041	4.086	0.13229	2.58423	7	X
K09V91U	16.7	0.15	K13B4	329.140	241.317	190.923	11.055	0.15910	2.60421	5	X
K09VB4H	17.0	0.15	K13B4	356.636	333.886	53.314	5.442	0.10127	2.72461	5	X
K09W04Y	16.6	0.15	K13B4	61.101	269.622	37.035	7.433	0.18861	2.63766	6	X
K09W20R	17.2	0.15	K13B4	6.758	321.224	51.667	7.393	0.36655	2.59786	2	X
K09W23V	16.2	0.15	K13B4	22.639	327.863	20.277	13.515	0.17755	2.61150	6	X
K09W26S	17.0	0.15	K13B4	206.839	130.203	46.316	8.619	0.16203	2.77631	4	X
K09W35G	16.9	0.15	K13B4	63.675	275.186	28.765	13.902	0.10587	2.57585	4	X
K09W42X	16.2	0.15	K13B4	350.471	305.396	81.724	17.812	0.06181	2.71289	7	X
K09W45H	15.9	0.15	K13B4	238.909	95.936	67.636	15.669	0.08725	2.63484	3	X
K09W70S	17.0	0.15	K13B4	342.010	316.031	71.313	6.022	0.17091	2.70992	3	X
K09W75Q	16.9	0.15	K13B4	10.344	209.294	166.123	2.473	0.10287	2.64830	7	X
K09W75W	17.0	0.15	K13B4	16.494	265.029	96.013	6.500	0.09407	2.69132	6	X
K09W86D	17.5	0.15	K13B4	15.516	342.560	21.425	6.455	0.03853	2.71942	4	X
K09W93A	16.2	0.15	K13B4	337.379	335.857	92.604	15.946	0.10715	2.65516	6	X
K09WA0K	16.9	0.15	K13B4	339.780	31.386	30.482	13.887	0.23852	2.65139	3	X
K09WA1A	17.1	0.15	K13B4	141.674	103.195	130.806	2.896	0.03030	2.72914	8	X
K09WA3H	17.3	0.15	K13B4	346.281	345.506	75.364	6.791	0.26564	2.59173	3	X
K09WE7A	16.9	0.15	K13B4	349.406	318.566	79.147	13.187	0.18559	2.61513	4	X
K09WH5G	16.9	0.15	K13B4	106.215	310.699	319.083	5.967	0.17576	2.66658	5	X
K09WJ5O	16.8	0.15	K13B4	0.876	110.589	265.806	4.788	0.14275	2.64317	4	X
K09WK9G	17.3	0.15	K13B4	350.796	211.469	186.450	13.819	0.25515	2.60435	3	X
K09WL1R	16.9	0.15	K13B4	109.658	139.693	129.465	3.341	0.02232	2.73227	6	X
K09WM9N	17.2	0.15	K13B4	20.911	257.521	98.141	3.530	0.14200	2.61434	5	X
K09WN3D	17.1	0.15	K13B4	12.117	211.095	150.340	3.659	0.20194	2.63017	3	X
K09WO6C	16.6	0.15	K13B4	53.509	208.810	101.747	4.857	0.17767	2.75387	7	X
K09WPOH	17.2	0.15	K13B4	5.060	104.657	262.233	6.839	0.25534	2.64112	3	X
K09WP4C	16.4	0.15	K13B4	291.027	35.817	67.839	13.085	0.07080	2.73071	3	X
K09WP7G	17.0	0.15	K13B4	4.157	321.660	63.245	5.253	0.17024	2.62937	6	X
K09WQ1K	16.5	0.15	K13B4	26.504	305.529	46.015	15.239	0.21745	2.62980	3	X
K09WQ4G	16.1	0.15	K13B4	297.868	152.812	307.688	5.316	0.02744	2.87586	6	X
K09X00X	17.6	0.15	K13B4	337.704	184.834	308.704	6.632	0.14459	2.36248	5	X
K09X10N	16.3	0.15	K13B4	121.279	7.814	254.498	6.226	0.10932	2.75548	6	X
K09X12Z	17.0	0.15	K13B4	308.982	30.646	47.061	4.229	0.07774	2.72753	3	X
K09X13J	17.0	0.15	K13B4	332.597	0.348	48.755	5.601	0.03229	2.74905	5	X
K09Y02M	16.0	0.15	K13B4	328.796	315.658	113.955	13.106	0.13983	2.76119	4	X
K09Y17J	16.7	0.15	K13B4	21.624	88.010	282.079	6.048	0.06610	2.79613	4	X
K09Y23K	17.2	0.15	K13B4	346.601	339.679	72.064	4.959	0.22610	2.74051	4	X
K10A27L	17.0	0.15	K13B4	20.899	356.234	24.116	1.718	0.10546	2.75469	5	X
K10A32Q	16.7	0.15	K13B4	252.494	357.604	138.701	6.034	0.10879	3.09762	5	X
K10A34B	15.9	0.15	K13B4	272.873	133.469	320.561	9.784	0.09064	3.13363	5	X
K10A43D	16.6	0.15	K13B4	354.604	318.100	82.075	8.351	0.18241	2.73875	4	X
K10A46T	17.8	0.15	K13B4	312.198	288.680	161.683	1.985	0.19925	2.70385	4	X
K10A59O	16.0	0.15	K13B4	313.187	3.451	99.300	12.502	0.21857	2.75113	4	X
K10A61A	16.1	0.15	K13B4	294.115	308.224	159.121	8.083	0.18622	2.80554	6	X
K10A68D	17.9	0.15	K13B4	7.425	281.462	93.884	4.306	0.27051	2.53156	5	X
K10A75D	16.2	0.15	K13B4	343.816	319.092	93.656	10.300	0.17361	2.71816	5	X
K10A76Q	16.6	0.15	K13B4	350.609	275.982	132.060	8.305	0.22686	2.76132	4	X
K10AA3Y	15.9	0.15	K13B4	293.793	287.156	188.124	26.436	0.26291	3.04423	3	X
K10B01K	16.9	0.15	K13B4	5.763	172.502	227.548	3.618	0.06993	2.75811	5	X
K10C15W	15.6	0.15	K13B4	305.086	263.963	212.990	22.936	0.26821	3.14494	3	X
K10C28U	16.2	0.15	K13B4	276.952	136.899	353.835	11.502	0.11288	3.05305	5	X
K10C57E	15.6	0.15	K13B4	186.239	19.211	199.794	0.298	0.12792	3.14745	10	X
K10C75G	17.2	0.15	K13B4	312.328	119.262	338.255	3.268	0.19208	2.85044	4	X
K10C81L	15.9	0.15	K13B4	222.722	212.159	320.765	2.697	0.07576	3.19888	6	X
K10C93G	16.7	0.15	K13B4	298.624	318.916	145.189	6.770	0.20212	3.00481	4	X
K10CE5X	15.9	0.15	K13B4	342.727	353.453	69.088	9.821	0.26740	2.86126	6	X
K10CG0C	16.6	0.15	K13B4	286.620	296.452	183.572	11.140	0.17057	3.07280	3	X
K10CI1O	16.1	0.15	K13B4	213.270	200.423	347.929	10.331	0.13803	3.14604	5	X
K10CI5J	15.4	0.15	K13B4	253.621	142.746	89.717	14.780	0.14582	2.80120	5	X
K10CO5H	16.4	0.15	K13B4	32.852	237.106	102.149	18.136	0.28528	2.54724	4	X
K10E30K	15.4	0.15	K13B4	333.572	30.520	49.150	11.342	0.10372	3.06647	7	X
K10E87V	16.7	0.15	K13B4	335.959	272.956	182.118	27.354	0.39489	2.63667	3	X
K10E91E	15.9	0.15	K13B4	330.369	263.557	162.380	9.989	0.09685	3.04721	7	X
K10E98V	15.8	0.15	K13B4	296.301	94.130	17.728	26.009	0.22115	3.09065	3	X
K10EA7Z	16.4	0.15	K13B4	287.726	301.090	190.064	15.329	0.27485	3.04568	5	X
K10F53E	16.5	0.15	K13B4	359.457	28.733	31.591	11.894	0.18758	2.59182	4	X
K10FA1M	15.4	0.15	K13B4	281.859	87.133	47.700	16.995	0.16229	3.13130	4	X
K10GE5T	15.5	0.15	K13B4	223.848	331.493	210.416	24.440	0.21960	3.16490	5	X

K10GF7U	16.0	0.15	K13B4	275.322	114.274	37.548	11.036	0.18607	3.11350	4	X
K10H60V	17.0	0.15	K13B4	340.523	295.786	128.476	8.593	0.21723	2.76204	3	X
K10L06M	15.8	0.15	K13B4	223.182	131.834	48.153	9.993	0.07297	3.17428	5	X
K10L30X	16.1	0.15	K13B4	5.723	18.404	77.004	12.182	0.20765	2.61176	6	X
K10P56Z	17.8	0.15	K13B4	12.966	9.261	342.468	5.080	0.22988	2.18280	3	X
K10S15G	25.1	0.15	K13B4	6.440	199.306	182.381	0.826	0.47742	2.07958	2	X
K10T54N	19.3	0.15	K13B4	28.110	34.662	283.545	4.734	0.44474	2.10828	3	X
K10U35Y	17.9	0.15	K13B4	183.007	20.955	176.029	4.674	0.09746	2.16356	4	X
K10U93C	17.7	0.15	K13B4	28.964	56.828	279.347	5.008	0.20095	2.16973	4	X
K10U97M	18.2	0.15	K13B4	27.694	191.179	150.285	2.289	0.20618	2.16134	2	X
K10UALL	18.5	0.15	K13B4	18.731	107.550	235.341	3.144	0.19942	2.18050	4	X
K10V23W	17.9	0.15	K13B4	235.436	135.245	37.200	0.753	0.02796	2.11906	5	X
K10V88Q	18.6	0.15	K13B4	334.369	24.751	29.195	4.578	0.09411	2.18705	3	X
K10VB5D	18.0	0.15	K13B4	33.254	205.384	122.483	3.892	0.24725	2.16446	2	X
K10VB7M	17.5	0.15	K13B4	21.515	59.265	311.846	3.999	0.10563	2.13597	7	X
K10VC3Z	17.5	0.15	K13B4	72.754	15.526	265.105	4.247	0.19896	2.23224	2	S
K10VG8B	18.4	0.15	K13B4	17.065	135.593	229.881	1.310	0.16825	2.14162	6	X
K10VJ2B	17.9	0.15	K13B4	11.292	289.314	79.706	5.253	0.17635	2.15842	5	X
K10W27X	18.3	0.15	K13B4	69.745	12.646	291.117	3.396	0.19409	2.19027	6	X
K10W60S	17.5	0.15	K13B4	206.716	107.259	77.626	2.597	0.09291	2.26543	7	X
K10W62M	18.1	0.15	K13B4	300.368	5.224	85.484	3.427	0.09828	2.24190	3	X
K10W67M	18.4	0.15	K13B4	353.008	339.094	54.570	4.963	0.16397	2.18737	5	X
K10W70D	17.2	0.15	K13B4	45.284	334.406	79.052	23.536	0.06770	1.93793	4	X
K10X45B	18.0	0.15	K13B4	14.638	236.247	131.937	4.155	0.14608	2.16246	6	X
K11A20H	18.1	0.15	K13B4	338.492	110.745	331.466	5.423	0.17157	2.18183	3	X
K11A32T	18.2	0.15	K13B4	335.275	261.255	168.411	4.865	0.10410	2.27168	5	X
K11A64Q	18.0	0.15	K13B4	19.201	254.268	98.366	2.347	0.20187	2.36214	4	X
K11A68W	17.3	0.15	K13B4	299.641	306.608	145.696	4.153	0.12699	2.41605	6	X
K11A69H	16.4	0.15	K13B4	1.204	51.016	322.482	12.190	0.11262	2.61277	3	X
K11B03C	18.4	0.15	K13B4	292.343	49.763	59.756	3.606	0.11589	2.28464	6	X
K11B14O	16.2	0.15	K13B4	65.746	181.785	123.150	16.135	0.11178	2.59976	4	X
K11B17O	17.7	0.15	K13B4	9.783	246.202	123.334	6.431	0.13642	2.41154	4	X
K11B28C	17.6	0.15	K13B4	275.731	358.977	139.112	3.605	0.13272	2.39865	3	X
K11B31N	18.9	0.15	K13B4	302.214	19.011	83.918	2.954	0.19848	2.30708	4	X
K11B32P	18.2	0.15	K13B4	313.318	277.347	174.118	3.205	0.15820	2.29065	4	X
K11B34P	17.4	0.15	K13B4	344.781	153.388	254.980	1.824	0.08134	2.38361	7	X
K11B63D	16.6	0.15	K13B4	24.108	195.773	159.007	6.855	0.04317	2.69161	8	X
K11B63U	16.8	0.15	K13B4	202.193	58.771	132.134	12.539	0.02051	2.53485	5	X
K11B65V	17.7	0.15	K13B4	239.361	101.872	60.856	3.469	0.17417	2.43263	5	X
K11B79B	17.9	0.15	K13B4	278.933	46.160	77.751	3.307	0.17862	2.35243	4	X
K11B81E	17.5	0.15	K13B4	239.820	326.859	183.689	4.046	0.12871	2.47933	5	X
K11B89A	17.9	0.15	K13B4	313.594	304.145	140.524	1.821	0.15138	2.36020	5	X
K11B95B	17.6	0.15	K13B4	285.877	114.958	329.027	5.574	0.08050	2.48265	3	X
K11BA9C	17.6	0.15	K13B4	23.625	148.049	202.218	3.425	0.08160	2.63099	4	X
K11BE5N	17.0	0.15	K13B4	118.638	146.694	105.443	3.438	0.10131	2.63624	9	X
K11C11B	18.3	0.15	K13B4	6.265	100.823	281.432	1.205	0.20850	2.34227	4	X
K11C16W	17.0	0.15	K13B4	173.580	115.251	83.534	2.439	0.11543	2.71973	5	X
K11C17M	17.5	0.15	K13B4	285.650	34.247	75.979	3.387	0.14905	2.41952	5	X
K11C30W	17.8	0.15	K13B4	311.081	137.287	314.285	5.688	0.08129	2.34298	3	X
K11C37Y	17.7	0.15	K13B4	267.218	60.474	74.181	2.308	0.11740	2.39232	4	X
K11C38R	17.6	0.15	K13B4	12.999	16.261	330.929	10.093	0.13892	2.60078	3	X
K11C47R	16.0	0.15	K13B4	245.730	40.084	92.300	15.271	0.01282	2.56790	6	X
K11C48R	16.6	0.15	K13B4	64.050	299.179	19.192	5.774	0.01463	2.48466	5	X
K11C52T	18.3	0.15	K13B4	332.575	317.264	110.507	2.207	0.16040	2.34008	4	X
K11C52Y	17.5	0.15	K13B4	290.752	135.933	335.784	7.071	0.09511	2.39629	3	X
K11C58U	18.7	0.15	K13B4	306.507	303.272	147.476	1.642	0.14613	2.38632	4	X
K11C68B	17.1	0.15	K13B4	153.582	164.702	57.955	2.786	0.06329	2.68477	7	X
K11C75R	17.1	0.15	K13B4	263.973	100.304	56.633	5.709	0.11489	2.38569	5	X
K11CA6V	17.0	0.15	K13B4	91.754	106.284	160.139	3.826	0.17829	3.03601	4	X
K11CB4O	17.4	0.15	K13B4	7.327	135.066	209.006	2.952	0.10480	2.79741	4	X
K11CB6P	18.0	0.15	K13B4	353.663	232.764	160.633	1.378	0.19075	2.46232	6	X
K11D02E	17.7	0.15	K13B4	284.790	139.345	344.532	2.230	0.16071	2.36422	5	X
K11D06B	16.9	0.15	K13B4	284.208	89.416	29.607	8.831	0.18548	2.45330	4	X
K11D18H	16.7	0.15	K13B4	350.301	233.341	170.225	11.019	0.13363	2.59410	6	X
K11D20E	16.2	0.15	K13B4	263.753	106.682	47.563	12.704	0.16574	2.42785	2	X
K11D28U	17.9	0.15	K13B4	301.665	260.893	197.150	0.709	0.13695	2.39750	7	X
K11D41U	17.6	0.15	K13B4	295.805	318.406	161.070	2.628	0.16928	2.38429	6	X
K11D42K	17.3	0.15	K13B4	315.006	340.763	110.994	3.036	0.18287	2.38332	6	X
K11D48J	16.1	0.15	K13B4	107.418	99.816	151.684	6.189	0.19243	3.11706	6	X
K11E05N	18.3	0.15	K13B4	284.064	326.408	153.662	1.825	0.13897	2.40053	5	X
K11E07F	18.0	0.15	K13B4	247.946	333.701	178.683	2.540	0.13088	2.44854	5	X
K11E07K	16.9	0.15	K13B4	137.231	357.288	250.535	1.633	0.09558	2.62724	6	X
K11E18L	18.0	0.15	K13B4	263.305	71.673	68.471	3.148	0.14107	2.43920	5	X
K11E24C	17.1	0.15	K13B4	71.375	178.375	142.514	2.957	0.04985	2.60861	6	X
K11E29F	16.3	0.15	K13B4	20.582	200.613	146.429	9.881	0.12887	2.72846	3	X
K11E37H	15.6	0.15	K13B4	49.435	291.055	22.257	15.936	0.09708	3.11266	4	X
K11E37Q	17.0	0.15	K13B4	294.261	80.202	24.376	14.317	0.05391	2.62490	4	X
K11E40B	17.4	0.15	K13B4	301.662	168.835	304.784	4.830	0.17387	2.37361	6	X
K11E42E	16.5	0.15	K13B4	14.633	221.134	142.742	6.620	0.04909	2.77012	5	X
K11E54G	16.4	0.15	K13B4	27.351	202.996	156.986	6.943	0.08951	2.85941	6	X
K11E55G	15.5	0.15	K13B4	61.080	279.074	23.388	12.894	0.11842	3.20241	6	X
K11E59L	17.1	0.15	K13B4	234.357	80.880	80.410	6.335	0.21926	2.58370	6	X
K11E68P	17.6	0.15	K13B4	297.895	284.396	173.119	8.656	0.13347	2.57504	3	X
K11E68V	16.0	0.15	K13B4	124.260	208.571	29.470	12.062	0.12172	3.15038	3	X
K11E68X	16.6	0.15	K13B4	347.465	276.844	131.422	7.785	0.07468	2.65829	5	X
K11E69K	15.7	0.15	K13B4	311.714	10.068	67.842	6.259	0.03158	2.74345	7	X
K11E71F	15.8	0.15	K13B4	12.006	330.116	26.177	18.659	0.13237	3.13152	4	X
K11E75S	17.3	0.15	K13B4	253.244	314.124	191.188	13.329	0.20697	2.56134	6	X
K11E78Q	16.9	0.15	K13B4	272.611	315.440	167.343	9.500	0.11321	2.56618	6	X
K11E82U	17.5	0.15	K13B4	326.765	279.529	167.273	12.486	0.18278	2.38016	7	X
K11E83L	16.9	0.15	K13B4	236.574	50.979	91.215	0.521	0.01502	2.76599	7	X
K11F02B	15.5	0.15	K13B4	160.277	18.312	205.853	27.807	0.12338	3.08479	7	X
K11F02U	16.3	0.15	K13B4	256.224	12.774	137.465	18.175	0.09071	2.54898	7	X
K11F13X	15.2	0.15	K13B4	75.155	274.084	27.729	18.158	0.10263	3.15170	6	X
K11F14P	16.6	0.15	K13B4	98.744	86.657	177.635	16.334	0.14171	3.17038	4	X
K11F17C	17.2	0.15	K13B4	199.361	41.229	147.403	2.082	0.02235	2.68118	6	X
K11F18J	16.7	0.15	K13B4	272.846	147.855	346.797	3.005	0.13499	2.57267	7	X

K11F18R	16.9	0.15	K13B4	255.801	332.422	176.205	6.489	0.04853	2.66685	7	X
K11F27R	16.1	0.15	K13B4	305.290	56.228	43.104	22.463	0.05255	2.66602	5	X
K11F28C	15.5	0.15	K13B4	201.466	230.372	298.447	8.067	0.03139	2.92048	6	X
K11F36P	15.8	0.15	K13B4	311.619	36.157	27.306	17.919	0.11946	2.86681	3	X
K11F37M	16.1	0.15	K13B4	9.947	169.680	211.474	11.631	0.04436	2.75399	5	X
K11F38V	17.0	0.15	K13B4	348.576	0.709	46.674	6.368	0.02991	2.73768	4	S
K11F39W	16.5	0.15	K13B4	68.871	277.505	50.942	7.290	0.00599	2.74648	4	X
K11F42S	15.8	0.15	K13B4	128.199	198.500	40.848	6.553	0.09780	3.17970	5	X
K11F44G	16.9	0.15	K13B4	322.685	254.947	184.721	14.271	0.09591	2.58883	5	X
K11F44H	16.3	0.15	K13B4	36.735	157.401	182.581	11.819	0.04932	2.93979	4	X
K11F47L	16.8	0.15	K13B4	238.384	113.997	48.367	8.359	0.16031	2.77820	4	X
K11F52O	16.9	0.15	K13B4	279.331	0.176	102.820	0.407	0.03139	2.77438	8	X
K11F54S	16.6	0.15	K13B4	12.680	244.739	115.609	3.083	0.07780	2.86454	5	X
K11F72G	16.2	0.15	K13B4	19.657	301.632	51.112	5.210	0.05428	2.87054	7	X
K11F74X	17.5	0.15	K13B4	21.236	196.693	180.764	6.493	0.03475	2.60703	7	X
K11F78O	16.2	0.15	K13B4	29.483	286.911	66.232	6.418	0.05583	2.80707	7	X
K11F80N	16.8	0.15	K13B4	245.727	314.003	184.107	9.018	0.06655	2.73465	6	X
K11F82V	16.4	0.15	K13B4	137.121	159.004	68.343	2.243	0.11766	3.15192	6	X
K11FCOH	17.0	0.15	K13B4	256.275	151.182	354.272	9.017	0.06997	2.63547	4	X
K11FDIY	16.6	0.15	K13B4	225.329	330.377	189.010	13.450	0.10120	2.72327	6	X
K11FE3L	16.2	0.15	K13B4	198.439	143.767	36.830	9.604	0.08455	3.06528	6	X
K11FFOK	16.4	0.15	K13B4	262.755	85.902	44.415	10.101	0.10928	2.73840	5	X
K11FF5V	15.7	0.15	K13B4	71.562	114.460	190.094	10.851	0.03690	3.14189	6	X
K11G11E	17.4	0.15	K13B4	329.222	92.731	346.471	6.244	0.17199	2.53467	4	X
K11G17C	16.5	0.15	K13B4	268.286	246.323	211.363	9.791	0.08667	2.98221	4	X
K11G28V	16.4	0.15	K13B4	331.484	282.170	130.152	5.309	0.06797	2.76592	5	X
K11G30N	16.2	0.15	K13B4	176.993	165.505	35.108	5.589	0.08036	3.05809	7	X
K11G39M	16.6	0.15	K13B4	66.361	192.380	115.500	5.432	0.05251	2.91493	7	X
K11G45J	17.1	0.15	K13B4	291.227	292.469	172.052	4.942	0.14328	2.60120	5	X
K11G45W	16.3	0.15	K13B4	144.518	188.897	34.589	6.968	0.08933	3.07557	6	X
K11G50E	16.0	0.15	K13B4	11.858	287.495	93.698	6.592	0.08659	2.75149	4	X
K11G70B	15.6	0.15	K13B4	75.449	274.792	30.124	12.872	0.05913	3.18783	5	X
K11G72P	16.6	0.15	K13B4	234.830	116.751	57.111	7.789	0.00935	2.68675	5	X
K11G74W	15.9	0.15	K13B4	161.506	340.207	245.498	9.390	0.10942	3.08062	5	X
K11G81N	17.1	0.15	K13B4	286.006	10.955	114.526	2.916	0.11062	2.67716	4	X
K11G82N	16.6	0.15	K13B4	198.992	152.344	50.154	10.006	0.07223	2.76841	4	X
K11G85C	15.7	0.15	K13B4	21.413	311.641	45.639	9.588	0.01737	3.06584	4	X
K11H01W	16.9	0.15	K13B4	209.043	109.680	67.409	5.485	0.14490	2.83340	5	X
K11H06L	15.6	0.15	K13B4	139.835	228.011	17.069	16.927	0.18234	3.11665	5	X
K11H31E	16.0	0.15	K13B4	244.324	306.933	199.040	8.558	0.09257	2.80700	6	X
K11H40Z	15.5	0.15	K13B4	308.391	0.455	77.826	18.986	0.11092	3.09253	5	X
K11H45A	15.8	0.15	K13B4	42.222	281.291	64.447	10.857	0.10361	3.17603	4	X
K11H47U	15.9	0.15	K13B4	90.305	253.982	54.550	11.351	0.10180	3.07972	5	X
K11H66E	16.3	0.15	K13B4	147.073	203.126	25.265	12.296	0.05929	3.05264	4	X
K11H67V	17.6	0.15	K13B4	234.472	331.250	190.875	3.647	0.10792	2.76486	5	X
K11H72Y	16.7	0.15	K13B4	303.383	71.023	22.519	12.966	0.16147	2.60979	6	X
K11H87L	16.3	0.15	K13B4	10.388	258.987	120.663	11.376	0.10552	3.01707	4	X
K11H91K	16.6	0.15	K13B4	82.667	264.094	27.567	15.621	0.01792	3.09303	3	X
K11J05O	15.9	0.15	K13B4	16.571	316.999	62.698	5.459	0.06163	2.78305	7	X
K11J08P	15.9	0.15	K13B4	124.478	221.334	38.426	18.098	0.13029	3.16076	4	X
K11K20T	16.8	0.15	K13B4	284.019	57.028	74.722	4.333	0.14412	2.74099	5	X
K11K42O	15.9	0.15	K13B4	158.941	13.297	215.366	16.164	0.08931	3.16983	5	X
K11K45C	15.8	0.15	K13B4	84.306	86.540	235.441	9.480	0.03401	3.11050	5	X
K11L08A	15.5	0.15	K13B4	320.694	347.354	89.532	11.188	0.05403	3.13532	6	X
K11L18A	15.5	0.15	K13B4	334.002	267.555	157.790	21.215	0.08849	3.23762	3	X
K11O23Y	15.3	0.15	K13B4	178.532	346.856	305.700	15.928	0.06239	3.09593	6	X
K11UF8W	19.4	0.15	K13B4	62.042	8.535	286.302	4.650	0.37494	1.61636	2	X
K11W02M	20.2	0.15	K13B4	21.524	315.236	57.549	15.871	0.28776	1.55971	2	X
K11W95U	19.4	0.15	K13B4	43.321	242.215	67.781	6.720	0.42468	1.66657	3	X
K12C55B	17.6	0.15	K13B4	40.053	171.962	167.549	22.909	0.08406	1.97383	5	X
K12D38K	18.6	0.15	K13B4	96.077	266.887	32.005	21.149	0.06253	1.98151	4	X
K12D43Z	18.2	0.15	K13B4	340.798	227.434	173.696	26.418	0.13182	1.96034	3	X
K12D53O	18.0	0.15	K13B4	107.485	215.566	48.091	4.425	0.16588	2.29050	4	X
K12D61A	19.2	0.15	K13B4	344.389	235.169	179.787	21.990	0.09601	1.84328	2	X
K12D67M	17.9	0.15	K13B4	317.929	280.758	163.500	21.885	0.10474	1.88106	2	X
K12D88D	17.7	0.15	K13B4	121.849	199.807	55.652	3.289	0.11813	2.21582	7	X
K12E09O	18.0	0.15	K13B4	328.097	228.354	192.735	21.633	0.07254	1.91586	4	X
K12E14X	17.3	0.15	K13B4	274.619	79.567	44.138	22.567	0.08166	1.89864	4	X
K12E15B	18.3	0.15	K13B4	296.538	55.583	42.707	20.939	0.03760	1.90946	3	X
K12F14P	17.0	0.15	K13B4	91.506	216.291	68.326	7.418	0.14541	2.26134	7	X
K12F15A	16.4	0.15	K13B4	89.106	183.388	80.609	7.414	0.12679	2.40564	10	X
K12F44M	17.2	0.15	K13B4	137.554	77.653	154.043	7.632	0.15739	2.41669	5	X
K12F49H	18.4	0.15	K13B4	91.146	112.120	162.171	7.144	0.11628	2.27554	6	X
K12F54P	16.9	0.15	K13B4	99.732	235.943	26.292	9.705	0.17477	2.58592	5	X
K12F54U	17.9	0.15	K13B4	108.469	242.619	33.071	5.556	0.20078	2.34810	6	X
K12F61Z	17.7	0.15	K13B4	145.986	146.640	86.922	3.591	0.12692	2.28484	5	X
K12F67J	17.8	0.15	K13B4	128.500	189.639	51.152	2.214	0.13658	2.39024	7	X
K12G02J	17.2	0.15	K13B4	76.999	259.951	27.493	4.899	0.13845	2.44105	5	X
K12G03N	18.0	0.15	K13B4	131.023	173.470	71.709	1.791	0.06410	2.23154	6	X
K12G18R	18.0	0.15	K13B4	142.990	72.421	156.935	4.232	0.16892	2.32129	5	X
K12G19V	18.1	0.15	K13B4	83.187	257.094	49.192	7.316	0.13785	2.23009	3	X
K12G23B	15.5	0.15	K13B4	23.868	133.362	200.733	26.560	0.23059	3.20836	5	X
K12G29B	16.3	0.15	K13B4	38.973	203.298	131.957	14.064	0.18844	2.64836	5	X
K12G32X	18.1	0.15	K13B4	136.535	67.515	175.225	4.184	0.12999	2.24722	5	X
K12G37B	17.6	0.15	K13B4	137.278	204.815	34.908	9.780	0.08089	2.32223	4	X
K12G37U	17.0	0.15	K13B4	85.398	219.592	55.685	14.453	0.23983	2.65935	4	X
K12H02T	17.8	0.15	K13B4	296.339	291.912	172.176	23.253	0.07457	1.97339	3	X
K12H26A	15.5	0.15	K13B4	43.047	217.102	100.117	16.842	0.30836	3.07531	5	X
K12H28R	17.0	0.15	K13B4	93.779	89.733	180.205	15.191	0.11483	2.52433	6	X
K12H29B	18.5	0.15	K13B4	143.891	92.690	154.842	3.666	0.09264	2.15659	3	X
K12H41M	16.6	0.15	K13B4	50.258	192.571	133.881	13.243	0.18076	2.67735	6	X
K12H44S	16.5	0.15	K13B4	62.550	249.699	54.106	8.425	0.21681	2.78582	4	X
K12H48T	16.2	0.15	K13B4	32.386	212.948	126.174	10.766	0.22338	2.79262	6	X
K12H50F	16.3	0.15	K13B4	48.586	255.415	66.457	8.742	0.22753	2.77592	5	W
K12H51T	16.7	0.15	K13B4	63.409	253.408	33.775	3.561	0.26183	3.07123	3	X
K12H59C	16.6	0.15	K13B4	57.413	197.571	120.840	7.937	0.17190	2.60359	4	X
K12H60G	17.2	0.15	K13B4	64.556	275.125	30.627	9.972	0.10915	2.43626	6	X

K12H63N	18.2	0.15	K13B4	181.608	129.044	68.902	4.993	0.12424	2.26395	5	X
K12H67O	17.1	0.15	K13B4	63.412	218.633	75.996	10.924	0.22527	2.91920	3	X
K12H70S	16.7	0.15	K13B4	122.819	103.260	135.261	4.476	0.15540	2.58917	6	X
K12H71D	17.4	0.15	K13B4	81.921	238.076	47.289	3.574	0.10907	2.55267	7	X
K12H73S	17.1	0.15	K13B4	64.909	242.191	52.629	2.705	0.17036	2.64119	5	X
K12H74U	17.8	0.15	K13B4	282.733	278.318	213.990	20.468	0.06711	1.93635	3	X
K12H78U	17.1	0.15	K13B4	81.400	259.186	17.568	4.083	0.17683	2.78330	5	X
K12J01T	17.1	0.15	K13B4	115.453	63.826	180.615	7.189	0.18055	2.64395	6	X
K12J08X	17.6	0.15	K13B4	142.935	200.277	27.778	6.749	0.12744	2.25872	5	X
K12J13K	17.0	0.15	K13B4	32.338	147.935	199.482	8.576	0.13575	2.59342	6	X
K12J14Y	15.6	0.15	K13B4	79.611	90.887	182.032	13.918	0.21878	2.99153	5	X
K12J19K	15.6	0.15	K13B4	78.679	145.848	147.752	10.234	0.15193	2.78662	6	X
K12J20T	17.7	0.15	K13B4	179.522	154.700	52.394	4.513	0.11697	2.24878	4	X
K12J23U	16.9	0.15	K13B4	162.015	136.292	87.608	12.963	0.08098	2.32663	4	X
K12J25O	16.9	0.15	K13B4	63.027	239.951	61.495	5.916	0.14579	2.75942	4	X
K12J27H	16.0	0.15	K13B4	51.386	210.445	116.068	15.945	0.19840	2.71415	6	X
K12J32M	16.1	0.15	K13B4	76.597	85.308	192.266	15.638	0.20290	3.06715	5	X
K12J33C	18.1	0.15	K13B4	106.068	206.575	57.613	5.178	0.11013	2.56145	5	X
K12J50S	17.5	0.15	K13B4	23.965	142.528	217.492	23.568	0.18547	2.33714	4	X
K12J54S	17.8	0.15	K13B4	11.401	249.684	129.313	6.052	0.11383	2.28192	5	X
K12J58H	17.3	0.15	K13B4	36.712	279.478	59.678	4.914	0.08105	2.34155	5	X
K12J66Z	17.5	0.15	K13B4	243.483	15.121	131.287	3.075	0.09259	2.26691	8	X
K12K11R	15.6	0.15	K13B4	44.828	94.830	223.820	16.508	0.26913	3.14301	4	X
K12K12D	15.5	0.15	K13B4	20.817	200.231	144.798	20.493	0.23768	3.14459	4	X
K12K20E	18.7	0.15	K13B4	240.326	54.646	91.052	4.312	0.06345	2.18598	4	X
K12K29P	17.8	0.15	K13B4	63.778	115.819	191.330	6.323	0.08108	2.47850	5	X
K12K32R	17.7	0.15	K13B4	95.066	182.967	100.937	3.848	0.07994	2.39049	5	X
K12K40M	17.9	0.15	K13B4	278.358	332.686	141.244	4.259	0.09568	2.19552	6	X
K12K45R	16.5	0.15	K13B4	81.886	99.812	177.803	10.673	0.16755	3.00354	4	X
K12K45S	16.7	0.15	K13B4	116.728	114.787	150.336	7.769	0.17126	2.56058	2	S
K12K45Y	16.3	0.15	K13B4	17.146	203.073	169.919	13.185	0.20512	2.76284	7	X
K12K48G	16.5	0.15	K13B4	54.903	224.190	103.562	11.753	0.13767	2.68094	4	X
K12K49C	17.4	0.15	K13B4	124.291	154.308	91.235	5.123	0.11862	2.60982	5	X
K12L02W	16.2	0.15	K13B4	83.834	225.278	70.016	15.085	0.17326	2.70279	4	X
K12L03G	16.1	0.15	K13B4	100.248	211.838	68.289	15.899	0.10529	2.56292	4	X
K12L07D	16.9	0.15	K13B4	75.694	116.044	187.965	8.299	0.15759	2.73767	5	X
K12L07M	17.0	0.15	K13B4	45.226	162.517	181.750	15.046	0.14659	2.54343	5	X
K12L10U	16.0	0.15	K13B4	136.323	57.426	180.671	17.150	0.13341	2.54032	6	X
K12L13J	16.5	0.15	K13B4	129.920	69.953	167.970	18.467	0.23308	2.62757	4	X
K12M00Y	15.9	0.15	K13B4	51.524	76.054	224.738	15.781	0.15892	3.13338	3	X
K12M12Y	16.1	0.15	K13B4	58.434	60.406	267.559	7.653	0.06959	3.17188	3	X
K12M15T	15.7	0.15	K13B4	21.788	93.599	281.689	9.594	0.13373	3.09260	6	X
K12P20M	15.4	0.15	K13B4	100.610	6.328	293.444	9.452	0.04459	3.18999	6	X
K12Q16N	14.1	0.15	K13B4	27.218	102.385	256.234	1.963	0.04763	5.26535	7	X
K12Q34V	13.4	0.15	K13B4	114.223	55.409	214.725	9.158	0.03994	5.16151	7	X
K12R05B	13.8	0.15	K13B4	176.559	182.976	13.494	21.813	0.01272	5.23043	2	X
K12S59C	14.1	0.15	K13B4	49.905	148.954	186.576	7.480	0.15958	5.16212	6	X
K12T00S	20.8	0.15	K13B4	182.480	21.016	190.921	16.459	0.11306	0.99064	2	X
K12T09W	14.8	0.15	K13B4	240.588	186.097	342.234	7.194	0.14517	3.94484	8	X
K12T18C	15.4	0.15	K13B4	88.520	308.252	62.728	9.961	0.09755	3.10043	6	X
K13B76O	20.4	0.15	K13B4	62.249	4.424	242.678	1.940	0.52010	1.70291	2	X
K13E89R	20.2	0.15	K13B4	62.974	283.527	1.061	26.971	0.53618	1.69481	2	X
K13L29M	17.1	0.15	K13B4	25.155	87.132	237.471	10.157	0.32140	2.63680	5	X
K13M05X	18.9	0.15	K13B4	33.675	52.593	250.441	6.611	0.44834	2.26975	2	X
K13O11P	16.7	0.15	K13B4	356.856	82.903	306.775	14.223	0.33015	3.07152	2	X
K13P00G	16.5	0.15	K13B4	336.078	117.165	283.780	13.064	0.20067	2.72881	2	X
K13P01V	15.5	0.15	K13B4	46.766	334.725	333.545	14.970	0.01312	3.21636	6	X
K13P03L	17.1	0.15	K13B4	1.390	113.230	262.969	5.506	0.39810	2.77631	5	X
K13P03M	16.8	0.15	K13B4	357.422	139.030	240.675	7.079	0.25392	2.44324	2	X
K13P04P	15.4	0.15	K13B4	34.906	44.935	275.830	10.517	0.06585	3.12832	6	X
K13P05T	16.6	0.15	K13B4	278.156	126.815	328.836	8.967	0.13255	2.72846	5	X
K13P09M	17.2	0.15	K13B4	305.592	113.790	312.440	6.152	0.09163	2.37853	7	X
K13P09S	16.2	0.15	K13B4	274.252	126.842	320.631	6.630	0.03703	2.92672	4	X
K13P11M	17.2	0.15	K13B4	358.156	130.084	270.060	5.185	0.34807	2.61200	4	X
K13P13G	15.9	0.15	K13B4	13.453	32.604	316.192	20.245	0.16864	2.79137	4	X
K13P14M	18.0	0.15	K13B4	344.388	76.017	312.723	4.689	0.14112	2.22462	5	X
K13P16R	16.3	0.15	K13B4	56.509	305.710	336.411	18.151	0.19428	3.04135	4	X
K13P16U	16.5	0.15	K13B4	10.721	17.524	328.050	18.443	0.33827	3.08223	2	X
K13P16X	15.9	0.15	K13B4	156.319	249.018	308.014	7.923	0.12332	2.51998	8	X
K13P25Z	16.7	0.15	K13B4	1.959	186.582	199.729	14.386	0.26583	2.61723	3	X
K13P30R	16.3	0.15	K13B4	317.983	71.910	337.948	15.855	0.10405	3.03592	2	X
K13P31V	17.4	0.15	K13B4	10.388	186.276	166.531	14.675	0.38294	2.75226	3	X
K13P43H	16.2	0.15	K13B4	32.996	84.969	249.807	9.071	0.08103	2.90767	5	X
K13P52U	15.5	0.15	K13B4	52.675	288.540	350.389	23.863	0.34654	3.16108	5	X
K13P60X	16.2	0.15	K13B4	18.911	243.596	116.511	2.890	0.22575	2.74553	9	X
K13P68P	16.7	0.15	K13B4	114.532	329.093	255.063	1.933	0.08646	2.78705	8	X
K13P68Z	16.5	0.15	K13B4	348.518	96.935	293.014	12.350	0.15896	2.73564	3	X
K13Q06B	17.9	0.15	K13B4	23.280	287.097	62.661	12.953	0.29708	2.59010	2	X
K13Q12S	15.1	0.15	K13B4	353.147	79.719	288.035	15.470	0.03826	3.24972	7	X
K13Q18N	15.6	0.15	K13B4	338.833	34.241	337.657	11.505	0.10805	3.38781	4	X
K13Q20T	16.9	0.15	K13B4	337.246	50.127	349.093	12.591	0.27922	2.67028	2	X
K13Q21T	16.2	0.15	K13B4	298.145	25.888	39.700	6.540	0.11166	2.93844	2	X
K13Q32F	17.0	0.15	K13B4	26.515	155.076	176.766	8.610	0.28831	2.78807	4	X
K13Q37N	16.7	0.15	K13B4	343.715	159.582	245.564	11.136	0.35889	2.72614	2	X
K13Q44R	17.1	0.15	K13B4	0.343	202.320	192.158	15.791	0.32260	2.70733	2	X
K13Q47A	15.6	0.15	K13B4	316.307	111.523	319.823	14.310	0.12921	2.84358	3	X
K13Q50E	17.3	0.15	K13B4	36.660	53.306	286.460	4.798	0.22016	2.15370	5	X
K13Q94X	15.9	0.15	K13B4	342.482	231.534	161.575	8.874	0.07379	3.17710	2	X
K13R00C	16.7	0.15	K13B4	356.162	184.807	204.722	11.343	0.21731	2.63542	5	X
K13R14G	17.0	0.15	K13B4	28.952	148.078	173.014	9.757	0.16346	2.59956	2	X
K13R15C	17.2	0.15	K13B4	85.871	218.547	23.517	8.436	0.21596	2.37442	6	X
K13R18P	15.6	0.15	K13B4	339.345	216.004	210.736	14.719	0.23019	3.06051	6	X
K13R18Q	16.3	0.15	K13B4	28.351	106.040	234.805	20.043	0.32394	3.18315	2	X
K13R21Q	16.1	0.15	K13B4	359.775	183.633	195.906	27.686	0.14383	3.17120	5	X
K13R22A	16.1	0.15	K13B4	359.471	258.576	119.576	3.632	0.09267	2.74757	3	X
K13R24R	16.6	0.15	K13B4	73.380	127.468	158.829	5.424	0.13576	2.75636	2	X
K13R25Z	16.9	0.15	K13B4	58.323	207.572	92.650	5.135	0.18734	2.21401	4	X

K13R26A	17.9	0.15	K13B4	11.620	275.019	90.928	4.373	0.23997	2.25597	4	X
K13R27T	16.9	0.15	K13B4	354.197	7.731	26.030	6.622	0.10369	2.47695	4	X
K13R28U	16.7	0.15	K13B4	352.851	16.722	18.201	6.445	0.15647	3.08369	3	X
K13R29S	16.4	0.15	K13B4	38.617	149.533	173.064	13.638	0.19309	2.75041	2	X
K13R33Q	17.1	0.15	K13B4	237.106	212.796	281.392	6.966	0.06048	2.23910	6	X
K13R33V	17.3	0.15	K13B4	32.874	358.294	329.594	8.917	0.16958	2.57322	3	X
K13R34B	17.5	0.15	K13B4	62.658	341.166	307.345	1.873	0.12057	2.21269	3	X
K13R35C	16.1	0.15	K13B4	15.248	102.159	242.320	9.676	0.16095	2.88278	6	X
K13R35G	17.6	0.15	K13B4	30.615	196.357	145.055	6.708	0.14993	2.26051	2	X
K13R35H	16.8	0.15	K13B4	93.810	120.169	151.631	6.810	0.11515	2.40926	5	X
K13R35J	16.7	0.15	K13B4	354.336	334.697	56.653	7.292	0.11729	2.43462	2	X
K13R35X	15.9	0.15	K13B4	36.103	313.417	23.763	17.047	0.22067	3.15107	6	X
K13R37K	18.0	0.15	K13B4	9.434	12.572	357.847	18.247	0.08342	1.94010	5	X
K13R37P	16.6	0.15	K13B4	88.636	263.603	8.046	12.778	0.13392	2.57019	3	X
K13R39D	16.5	0.15	K13B4	6.613	2.825	1.928	4.462	0.08763	2.78266	2	X
K13R41E	17.8	0.15	K13B4	11.031	219.017	146.267	3.504	0.21071	2.36791	3	X
K13R41R	16.7	0.15	K13B4	353.600	187.152	202.504	9.369	0.12502	2.62136	4	X
K13R44A	15.7	0.15	K13B4	49.946	350.859	320.556	10.671	0.05727	3.11479	7	X
K13R44Q	16.4	0.15	K13B4	17.496	261.469	106.931	4.878	0.11014	2.75384	2	X
K13R46W	16.2	0.15	K13B4	105.067	262.612	351.230	11.503	0.10402	2.74893	2	X
K13R52Z	15.5	0.15	K13B4	285.127	120.937	324.278	14.384	0.02700	3.23796	3	X
K13R53A	17.5	0.15	K13B4	343.781	88.747	313.594	7.328	0.17779	2.37339	4	X
K13R57A	16.0	0.15	K13B4	38.698	330.069	346.447	12.569	0.20801	3.11277	3	X
K13R60Q	16.9	0.15	K13B4	5.360	2.129	14.481	12.433	0.16603	2.62295	2	X
K13R60Y	15.4	0.15	K13B4	52.351	27.329	296.572	12.785	0.13426	3.07188	5	X
K13R61H	15.6	0.15	K13B4	62.056	297.490	342.611	15.709	0.21964	3.13309	2	X
K13R66X	16.0	0.15	K13B4	23.075	137.261	218.936	27.043	0.24984	3.12073	2	X
K13R68N	16.8	0.15	K13B4	350.681	19.566	10.293	4.888	0.16806	2.79074	4	X
K13R69D	15.9	0.15	K13B4	310.585	133.926	305.074	6.509	0.05756	2.84001	8	X
K13R69O	17.6	0.15	K13B4	16.670	357.547	343.736	8.190	0.31901	2.89417	2	X
K13R71M	17.0	0.15	K13B4	11.145	203.364	160.803	5.965	0.03808	2.71937	6	X
K13R72R	16.3	0.15	K13B4	170.870	11.166	195.124	13.912	0.04889	2.64432	6	X
K13R72U	14.9	0.15	K13B4	120.193	326.230	304.512	10.466	0.06075	3.09989	7	X
K13R90T	17.2	0.15	K13B4	16.139	93.616	263.040	2.997	0.14506	3.07575	2	X
K13R93K	16.3	0.15	K13B4	270.882	272.879	202.374	8.828	0.06230	3.16480	3	X
K13R94G	18.0	0.15	K13B4	357.385	28.702	4.361	12.566	0.29177	2.65010	2	X
K13R94N	17.9	0.15	K13B4	25.399	270.269	68.172	3.457	0.27244	2.58314	3	X
K13S15J	16.6	0.15	K13B4	4.138	176.205	195.968	3.475	0.20884	2.81005	2	X
K13S19J	18.5	0.15	K13B4	36.593	163.150	164.500	5.663	0.24326	2.29830	2	X
K13S21H	16.5	0.15	K13B4	342.819	166.071	227.926	23.746	0.13723	2.30239	3	X
K13S21O	17.4	0.15	K13B4	342.064	289.551	111.065	2.662	0.04507	2.88692	3	X
K13S22E	17.1	0.15	K13B4	70.719	94.798	198.939	3.430	0.06657	2.72967	7	X
K13S22J	16.4	0.15	K13B4	9.660	246.119	115.574	1.995	0.20118	3.15848	5	X
K13S22K	17.2	0.15	K13B4	355.532	220.800	164.917	3.491	0.17162	2.63208	4	X
K13S22N	15.6	0.15	K13B4	355.341	146.064	251.808	16.921	0.19784	3.09465	2	X
K13S24L	17.5	0.15	K13B4	128.446	41.687	203.419	22.372	0.07428	1.99906	2	X
K13S26F	18.3	0.15	K13B4	2.837	202.527	173.544	6.714	0.23808	2.64651	3	X
K13S26G	17.6	0.15	K13B4	8.777	255.854	121.246	3.165	0.21047	2.42359	2	X
K13S26J	16.2	0.15	K13B4	36.395	135.672	192.614	26.858	0.25817	3.15062	2	X
K13S27B	16.5	0.15	K13B4	14.742	286.047	76.674	2.342	0.24872	3.08805	3	X
K13S27J	16.1	0.15	K13B4	345.922	246.802	161.370	5.433	0.17625	3.13877	3	X
K13S27K	16.3	0.15	K13B4	151.807	7.785	214.451	14.226	0.04678	2.54604	4	X
K13S28C	16.2	0.15	K13B4	0.033	67.333	333.646	10.508	0.22901	3.10259	3	X
K13S28G	16.7	0.15	K13B4	328.777	66.980	10.136	11.500	0.17307	2.59940	4	X
K13S28U	16.0	0.15	K13B4	10.906	247.855	137.830	11.475	0.14131	3.06785	5	X
K13S29T	16.6	0.15	K13B4	359.517	309.494	79.238	3.135	0.09008	2.74177	6	X
K13S29U	17.7	0.15	K13B4	328.952	101.296	323.051	5.560	0.07985	2.33483	6	X
K13S29V	17.0	0.15	K13B4	17.034	296.196	71.496	4.320	0.18492	2.59214	6	X
K13S29X	17.9	0.15	K13B4	5.727	114.131	277.456	3.299	0.16404	2.24354	4	X
K13S30K	16.2	0.15	K13B4	80.257	137.497	168.644	15.284	0.11168	2.53701	4	X
K13S30O	15.9	0.15	K13B4	60.053	266.173	19.417	15.836	0.23362	3.13309	7	X
K13S30Q	17.5	0.15	K13B4	357.945	326.639	55.450	4.020	0.25512	2.77138	3	X
K13S31P	16.8	0.15	K13B4	41.174	204.984	122.117	3.788	0.12393	2.61934	6	X
K13S31R	17.0	0.15	K13B4	14.381	317.161	43.828	9.536	0.22847	2.43826	4	X
K13S33D	16.7	0.15	K13B4	33.382	323.692	359.203	9.160	0.18776	2.56791	3	X
K13S33F	15.6	0.15	K13B4	325.527	312.089	107.009	10.369	0.06125	3.10589	4	X
K13S33H	16.6	0.15	K13B4	15.583	312.198	43.856	10.260	0.20646	2.75347	5	X
K13S34G	16.7	0.15	K13B4	124.531	226.917	13.793	6.254	0.03057	2.72850	5	X
K13S37H	16.8	0.15	K13B4	39.227	233.870	93.016	3.297	0.06623	2.86961	7	X
K13S38D	16.6	0.15	K13B4	15.970	245.325	111.520	3.332	0.12495	3.00815	2	X
K13S38H	18.3	0.15	K13B4	330.235	277.705	149.147	4.878	0.21161	2.37300	3	X
K13S38K	16.9	0.15	K13B4	295.807	78.324	23.007	11.973	0.17660	2.66601	5	X
K13S39Y	17.2	0.15	K13B4	23.809	63.323	275.842	5.314	0.15643	2.57959	7	X
K13S40S	16.3	0.15	K13B4	87.957	98.278	200.731	8.149	0.15845	2.57577	6	X
K13S42G	15.8	0.15	K13B4	96.625	124.730	138.880	6.767	0.10799	3.14916	6	X
K13S42O	16.5	0.15	K13B4	12.028	330.262	27.520	14.134	0.32117	2.63665	3	X
K13S42W	17.0	0.15	K13B4	14.843	225.429	133.152	8.587	0.20228	2.61739	3	X
K13S43Q	16.2	0.15	K13B4	15.675	259.803	106.138	7.423	0.05318	2.73792	7	X
K13S43R	15.7	0.15	K13B4	32.902	301.927	33.511	23.149	0.18197	3.08663	3	X
K13S44L	17.4	0.15	K13B4	342.158	79.378	332.263	10.562	0.29903	2.64583	3	X
K13S45M	17.0	0.15	K13B4	225.499	322.932	180.775	1.886	0.01629	2.85216	2	X
K13S47B	16.2	0.15	K13B4	25.898	165.512	172.761	10.147	0.10211	3.09725	8	X
K13S47M	16.2	0.15	K13B4	179.882	187.725	0.275	8.144	0.05405	2.76585	5	X
K13S51A	16.5	0.15	K13B4	2.034	335.496	50.077	2.768	0.09316	2.82926	7	X
K13S51J	16.2	0.15	K13B4	344.591	25.964	27.402	32.889	0.17368	2.60551	5	X
K13S51Y	18.6	0.15	K13B4	22.232	240.381	118.356	1.655	0.18458	2.26927	3	X
K13S52G	16.7	0.15	K13B4	5.705	309.523	74.312	12.432	0.10232	2.66678	5	X
K13S53J	15.9	0.15	K13B4	35.382	327.359	10.764	15.372	0.07749	3.16400	2	X
K13S54W	17.7	0.15	K13B4	76.977	273.068	4.374	4.188	0.17023	2.19202	2	X
K13S55T	17.7	0.15	K13B4	43.473	138.498	180.881	16.672	0.18023	2.54978	2	X
K13S55V	16.4	0.15	K13B4	346.007	49.663	347.722	24.977	0.22070	3.13500	4	X
K13S57H	18.0	0.15	K13B4	25.837	90.004	252.999	6.911	0.25335	2.20537	4	X
K13S59G	17.2	0.15	K13B4	353.618	331.297	67.278	7.967	0.22357	2.40603	6	X
K13T00S	16.4	0.15	K13B4	359.068	166.666	205.810	15.292	0.16752	2.86689	3	X
K13T01Y	15.5	0.15	K13B4	330.450	45.721	17.524	9.461	0.07699	3.16387	2	X
K13T02H	17.6	0.15	K13B4	5.232	150.690	223.595	13.053	0.26426	2.59370	2	X
K13T03K	16.7	0.15	K13B4	4.520	223.638	159.547	10.208	0.13165	2.65432	5	X

K13T03Y	15.3	0.15	K13B4	244.165	230.842	284.333	14.599	0.03645	3.12026	4	X
K13T06Z	18.1	0.15	K13B4	18.987	37.248	314.145	4.413	0.21841	2.31772	2	X
K13T07W	15.5	0.15	K13B4	81.950	199.770	98.172	3.382	0.05632	3.11095	10	X
K13T08H	16.6	0.15	K13B4	22.540	256.550	97.915	5.034	0.11374	2.77290	5	X
K13T08P	16.3	0.15	K13B4	67.362	254.935	35.372	8.494	0.18798	2.76676	2	X
K13T09Q	15.9	0.15	K13B4	332.976	215.037	228.049	32.366	0.24799	2.60802	3	X
K13T10P	17.5	0.15	K13B4	38.718	3.464	331.864	2.098	0.20062	2.40528	7	X
K13T11L	17.5	0.15	K13B4	16.445	229.056	138.616	7.998	0.20147	2.53332	2	X
K13T11P	16.1	0.15	K13B4	11.209	258.467	116.666	5.064	0.08355	2.76525	7	X
K13T11U	15.5	0.15	K13B4	179.628	274.343	254.663	14.866	0.07949	2.52702	5	X
K13T11X	16.4	0.15	K13B4	349.339	187.325	202.828	10.860	0.14962	2.71878	6	X
K13T13S	18.0	0.15	K13B4	48.210	238.674	79.857	2.356	0.19253	2.36150	2	X
K13T14D	17.7	0.15	K13B4	81.830	279.972	21.866	21.280	0.02697	1.95651	6	X
K13T14W	17.7	0.15	K13B4	37.756	162.971	171.420	5.629	0.21507	2.38914	3	X
K13T15A	17.9	0.15	K13B4	39.543	171.136	151.466	5.523	0.19984	2.60339	3	X
K13T15C	16.7	0.15	K13B4	47.106	211.935	103.452	3.708	0.15347	3.02591	5	X
K13T15K	17.6	0.15	K13B4	14.894	312.814	43.127	4.331	0.25047	2.71233	3	X
K13T18V	16.1	0.15	K13B4	21.610	115.576	229.506	7.643	0.21803	3.18256	2	X
K13T23S	16.7	0.15	K13B4	64.905	14.914	304.417	3.325	0.10581	2.71900	4	X
K13T24T	16.9	0.15	K13B4	358.364	49.110	349.348	2.888	0.13332	3.06847	2	X
K13T30D	16.2	0.15	K13B4	299.058	269.478	204.221	7.553	0.08151	2.77180	3	X
K13T32G	17.6	0.15	K13B4	26.947	247.789	99.705	3.411	0.26401	2.55133	2	X
K13T33Q	17.9	0.15	K13B4	99.986	352.473	258.118	1.903	0.16288	2.36023	6	X
K13T34U	18.3	0.15	K13B4	31.307	286.791	50.540	2.649	0.19536	2.20579	5	X
K13T36E	17.7	0.15	K13B4	359.218	196.124	187.958	13.807	0.24837	2.66369	2	X
K13T36F	16.6	0.15	K13B4	358.251	201.298	178.788	6.042	0.06895	2.79723	7	X
K13T36S	16.1	0.15	K13B4	103.357	222.938	44.937	10.219	0.04683	2.73493	4	X
K13T37O	16.0	0.15	K13B4	32.853	349.552	1.554	12.455	0.13465	3.06299	2	X
K13T43O	17.4	0.15	K13B4	25.549	153.930	205.584	7.116	0.15919	2.21132	5	X
K13T46G	17.5	0.15	K13B4	346.710	39.824	8.586	1.784	0.17157	2.46068	3	X
K13T46U	17.6	0.15	K13B4	3.025	169.875	217.162	5.594	0.14923	2.40847	3	X
K13T50Y	17.5	0.15	K13B4	348.293	218.102	198.885	33.349	0.32012	2.65403	2	X
K13T53O	16.9	0.15	K13B4	52.458	350.864	341.731	5.764	0.11105	2.13529	2	X

New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K13L07F	22.0	0.15	K13B4	23.369	185.695	128.121	5.396	0.59306	2.42874	153	X
K13N00W	22.3	0.15	K13B4	10.691	112.930	240.602	7.073	0.67808	2.80159	102	X
K13N08P	21.7	0.15	K13B4	29.960	251.399	80.367	8.054	0.43787	1.87302	99	X
K13N11P	21.4	0.15	K13B4	29.476	68.047	284.233	18.599	0.23253	1.34824	95	X
K13O00G	20.6	0.15	K13B4	29.472	53.157	269.243	13.303	0.55034	2.35473	88	X
K13O02O	23.2	0.15	K13B4	24.248	132.438	192.476	2.952	0.51599	2.25809	87	X
K13O03P	22.0	0.15	K13B4	12.819	192.136	152.594	10.544	0.55028	2.72503	88	X
K13O05P	20.1	0.15	K13B4	13.414	342.787	340.585	6.674	0.59067	3.20639	75	X
K13P43O	21.5	0.15	K13B4	30.207	340.782	331.907	9.652	0.42592	2.19024	59	X
K13P43R	23.4	0.15	K13B4	47.772	334.678	321.719	2.534	0.39933	1.66233	58	X
K13Q10J	19.5	0.15	K13B4	155.887	243.806	327.502	18.149	0.42519	0.95957	48	X
K13Q16D	19.5	0.15	K13B4	9.709	193.968	173.188	2.901	0.52686	2.82309	45	X
K13R06B	21.7	0.15	K13B4	308.167	99.435	343.400	24.187	0.02015	1.23542	40	X
K13R21N	21.7	0.15	K13B4	30.031	138.761	158.718	4.878	0.56294	2.42061	38	X
K13R33Y	15.6	0.15	K13B4	31.503	11.853	313.776	11.734	0.13984	3.11861	124	X
K13R43K	19.1	0.15	K13B4	141.576	34.413	180.745	12.292	0.24276	1.72114	33	X
K13R43M	19.9	0.15	K13B4	346.106	67.882	32.143	14.359	0.58393	2.11959	32	X
K13R60X	16.8	0.15	K13B4	15.925	158.032	206.030	11.402	0.30231	2.76182	108	X
K13R74B	22.2	0.15	K13B4	5.535	257.007	128.836	3.526	0.52531	2.40597	28	X
K13R74J	19.1	0.15	K13B4	341.992	123.518	349.272	22.360	0.72650	2.80458	29	X
K13S00T	24.7	0.15	K13B4	190.159	24.568	182.714	10.836	0.22346	0.87260	18	X
K13S19K	18.7	0.15	K13B4	10.878	146.954	231.405	26.507	0.42904	2.24933	21	X
K13S19L	22.5	0.15	K13B4	1.978	55.386	328.136	0.813	0.55472	2.82888	20	X
K13S19O	21.9	0.15	K13B4	16.706	344.946	0.696	12.903	0.49683	2.22857	18	X
K13S19X	23.1	0.15	K13B4	33.743	329.511	1.292	27.850	0.35586	1.62587	18	X
K13S20A	21.1	0.15	K13B4	328.245	141.714	351.271	5.202	0.65637	1.53397	19	X
K13S20C	22.5	0.15	K13B4	76.336	116.181	180.525	19.479	0.11572	1.40141	18	X
K13S20L	24.6	0.15	K13B4	319.720	115.336	8.756	4.332	0.40237	1.08059	17	X
K13S24R	20.6	0.15	K13B4	37.179	332.282	342.995	16.669	0.36623	1.70973	14	X
K13S24V	21.2	0.15	K13B4	6.014	355.365	16.147	17.520	0.55115	2.73509	13	X
K13S24W	20.9	0.15	K13B4	17.633	323.545	347.369	6.150	0.65727	2.67403	15	X
K13S30L	19.2	0.15	K13B4	31.666	270.346	14.940	32.065	0.55801	2.50619	13	X
K13S40P	16.3	0.15	K13B4	8.851	180.957	215.853	10.506	0.10284	3.12108	86	X
K13T04D	21.1	0.15	K13B4	8.337	354.527	28.075	7.801	0.40371	2.17977	10	X
K13T04P	27.3	0.15	K13B4	30.719	73.408	188.817	6.318	0.76012	1.88114	9	X
K13T04S	20.8	0.15	K13B4	0.557	186.184	217.397	2.629	0.36164	1.92986	9	X
K13T05Q	19.9	0.15	K13B4	224.086	247.268	286.776	16.392	0.15549	0.77378	10	X
K13T05R	19.1	0.15	K13B4	122.503	277.838	344.905	46.703	0.12746	0.93146	10	X
K13T05T	26.3	0.15	K13B4	320.462	77.397	12.072	7.347	0.09290	1.05884	9	X
K13T05X	23.0	0.15	K13B4	11.052	17.483	1.182	12.773	0.29541	1.64563	8	X
K13T05Y	23.9	0.15	K13B4	356.393	220.490	203.650	6.237	0.60145	2.51456	8	X
K13T05Z	23.3	0.15	K13B4	11.001	158.153	203.630	10.165	0.52589	2.40308	8	S
K13T06A	24.7	0.15	K13B4	7.490	189.287	194.062	18.582	0.44489	1.90694	8	X
K13T06B	22.5	0.15	K13B4	155.400	201.845	22.642	14.375	0.48390	0.78540	8	X
K13T06C	23.4	0.15	K13B4	35.831	120.321	192.770	9.919	0.47721	1.64408	8	X
K13T06D	22.1	0.15	K13B4	2.113	22.515	11.511	30.037	0.47711	2.45817	8	X
K13T06F	21.7	0.15	K13B4	118.817	39.209	202.639	22.385	0.34611	1.21485	8	X
K13T06G	26.6	0.15	K13B4	158.004	221.085	14.020	3.215	0.12615	0.93817	7	X
K13T06J	25.2	0.15	K13B4	11.717	12.800	14.110	27.106	0.13190	1.18238	7	X
K13T12Q	23.7	0.15	K13B4	50.720	274.651	12.571	7.623	0.48954	1.54006	7	X
K13T68W	21.3	0.15	K13B4	25.663	299.169	16.356	11.918	0.55378	2.59651	7	X
K13T69G	21.1	0.15	K13B4	0.125	31.778	9.939	8.094	0.60762	3.35435	7	X
K13T69H	24.2	0.15	K13B4	4.058	51.516	336.469	2.298	0.56022	2.45118	6	X
K13T69L	21.3	0.15	K13B4	1.913	187.623	198.252	35.167	0.52429	2.45863	5	X
K13T69N	23.2	0.15	K13B4	356.469	225.870	190.260	6.564	0.58846	2.49664	4	X
K13T69O	25.7	0.15	K13B4	0.099	135.624	268.693	0.571	0.60025	2.58386	4	X
K13T80B	17.4	0.15	K13B4	348.724	18.302	58.836	12.779	0.55060	2.84362	3	X
K13TC7L	26.6	0.15	K13B4	14.721	292.306	35.531	0.327	0.65433	2.51567	1	X
K13TC7N	26.1	0.15	K13B4	201.308	2.361	198.845	13.435	0.09709	0.93480	1	X

New one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K13P05R	16.6	0.15	K1395	252.140	129.193	334.876	14.495	0.10007	2.86598	71	X
K13P07M	16.6	0.15	K1395	341.516	56.075	321.411	30.579	0.28618	2.60719	73	S
K13P10V	16.1	0.15	K1395	326.734	275.445	139.663	13.314	0.26294	2.68239	70	S
K13P26O	17.0	0.15	K1395	18.337	353.202	312.908	12.157	0.40607	3.01972	62	S
K13P48D	18.3	0.15	K1395	6.424	358.311	334.480	10.610	0.25516	2.64356	65	X
K13P50V	17.5	0.15	K1395	306.469	24.622	66.389	15.132	0.22663	2.67021	61	S
K13Q15O	16.7	0.15	K1395	330.866	284.969	138.972	15.554	0.27051	3.07658	45	S
K13Q34N	16.5	0.15	K1395	345.774	240.069	157.717	20.154	0.22791	3.10932	43	S
K13Q44M	18.4	0.15	K1395	351.780	186.164	175.197	12.666	0.25171	2.33020	58	S
K13Q46B	15.4	0.15	K1395	337.429	49.495	335.258	15.056	0.07549	3.13095	37	S
K13Q82U	16.4	0.15	K1395	2.629	194.177	155.528	13.745	0.29832	3.08026	39	S
K13Q93V	17.4	0.15	K1395	5.592	317.489	22.193	8.622	0.25058	2.61930	46	S
K13R00K	16.7	0.15	K1395	0.005	59.319	293.607	9.952	0.19611	2.60151	40	X
K13R00P	17.8	0.15	K1395	33.822	34.602	280.655	4.652	0.15608	2.24406	37	S
K13R02D	18.3	0.15	K1395	23.039	298.045	15.727	5.212	0.32658	2.26835	41	X
K13R03T	17.2	0.15	K1395	314.520	253.046	166.590	4.857	0.10481	2.71063	41	X
K13R03U	18.4	0.15	K1395	25.938	297.557	18.129	5.392	0.28163	2.71542	41	X
K13R04D	16.8	0.15	K1395	347.982	257.009	126.072	1.922	0.22493	3.20250	41	X
K13R20Y	17.6	0.15	K1395	12.057	184.435	156.387	4.337	0.19360	2.25681	39	X
K13R23K	16.8	0.15	K1395	350.396	177.551	203.052	9.250	0.15577	2.80933	39	X
K13R24Q	18.4	0.15	K1395	333.624	334.410	63.760	1.744	0.21499	2.40214	38DX	
K13R24S	17.5	0.15	K1395	356.925	219.843	143.523	2.976	0.21764	2.65885	38	X
K13R27J	17.0	0.15	K1395	9.593	316.310	31.512	13.882	0.27465	2.62188	38	X
K13R28T	18.3	0.15	K1395	6.141	342.486	13.770	3.709	0.11519	2.15203	38	X
K13R28Y	17.1	0.15	K1395	14.490	293.989	49.956	2.459	0.23262	3.06585	33	S
K13R29O	16.0	0.15	K1395	320.267	6.378	40.246	8.896	0.10179	2.81077	37	S
K13R29R	17.2	0.15	K1395	21.534	145.261	170.117	15.626	0.32054	2.73406	37	S
K13R29T	17.4	0.15	K1395	21.304	273.863	50.580	2.817	0.21787	2.41805	37	X
K13R29U	17.4	0.15	K1395	27.878	289.316	26.304	5.059	0.20610	2.46704	33	S
K13R30F	17.5	0.15	K1395	5.964	308.350	45.236	7.977	0.40527	2.68043	38	S
K13R33U	16.3	0.15	K1395	16.400	61.692	278.378	15.244	0.26547	3.17781	36	S
K13R35Z	17.4	0.15	K1395	1.901	260.138	99.382	5.360	0.23943	2.58620	33	S
K13R40P	18.6	0.15	K1395	336.970	273.631	126.488	2.160	0.31742	2.47005	37	X
K13R40Y	18.7	0.15	K1395	338.498	265.739	127.359	2.356	0.24795	2.47819	37	X
K13R41B	17.2	0.15	K1395	329.781	243.791	170.298	12.829	0.30788	2.64594	37	S
K13R41D	17.6	0.15	K1395	351.011	312.959	58.437	2.222	0.20533	2.42537	37	X
K13R41H	17.6	0.15	K1395	82.274	206.136	54.693	3.086	0.15708	2.43156	37	X
K13R41M	17.3	0.15	K1395	344.290	288.905	91.977	2.437	0.19790	2.42463	37	X
K13R42U	16.6	0.15	K1395	68.861	34.670	241.071	8.722	0.05791	3.16977	29	X
K13R43F	17.1	0.15	K139P	348.441	190.679	206.600	6.976	0.35950	2.61478	31	W
K13R50G	16.8	0.15	K1395	333.791	179.767	208.538	8.469	0.16128	2.75039	32	S
K13R56D	17.5	0.15	K139P	12.417	129.636	203.462	16.586	0.26217	3.15043	29	S
K13R57C	17.7	0.15	K1395	294.706	90.188	346.134	7.756	0.12698	2.24136	27	S
K13R57G	15.4	0.15	K139P	22.144	130.472	194.667	9.187	0.18710	3.97191	30	S
K13R60M	17.8	0.15	K139P	340.540	266.832	145.079	13.413	0.27179	2.61581	34	S
K13R68L	16.9	0.15	K1395	23.287	313.390	4.782	15.786	0.23193	2.63049	34	S
K13R69F	18.8	0.15	K139P	39.727	105.811	192.392	20.633	0.30512	2.26240	29	X
K13R69L	17.9	0.15	K139P	2.285	335.311	26.150	13.496	0.29688	2.64877	29	X
K13R70S	17.8	0.15	K139P	359.990	306.991	59.493	3.351	0.20680	2.44570	29	X
K13R70U	15.7	0.15	K139P	328.931	296.723	113.650	5.625	0.12307	3.19885	29	X
K13R70X	17.1	0.15	K139P	355.295	339.892	42.312	13.849	0.16724	2.69272	31	S
K13R71X	18.1	0.15	K139P	33.745	256.115	54.943	3.827	0.24988	2.39535	28	X
K13R73R	17.9	0.15	K1395	33.348	250.841	43.467	9.648	0.32876	2.20287	39	S
K13R80H	16.4	0.15	K1395	32.878	245.022	74.378	4.190	0.15415	3.14502	37	X
K13R80P	19.7	0.15	K139P	1.595	171.438	190.658	10.965	0.37735	2.68978	28	X
K13R80R	18.9	0.15	K139P	355.655	185.590	189.871	15.947	0.31234	2.59401	28	X
K13R87D	16.5	0.15	K139P	354.510	179.717	202.031	17.997	0.12160	3.11031	29	X
K13R91M	17.2	0.15	K139P	24.824	133.795	191.344	16.194	0.28179	3.02092	28	X
K13R92U	16.9	0.15	K1395	25.416	339.916	348.377	1.920	0.21420	2.73777	37	X
K13R92X	17.6	0.15	K139P	25.630	135.608	205.080	3.153	0.11596	2.30049	23	S
K13R93Y	17.6	0.15	K139P	337.867	172.541	230.839	1.428	0.19247	2.45017	28	X
K13R94L	16.2	0.15	K139P	337.968	111.457	304.415	9.201	0.10310	3.06980	24	S
K13R94Q	17.5	0.15	K139P	20.418	189.735	158.831	16.540	0.18730	2.52398	28	S
K13R94V	17.2	0.15	K139P	358.240	283.853	89.076	4.384	0.20016	2.70678	28	X
K13R94Z	18.0	0.15	K1395	321.009	297.098	120.379	3.496	0.21353	2.34004	37	X
K13R95D	18.0	0.15	K139P	5.444	304.254	56.075	6.158	0.25281	2.57221	28	X
K13R95H	19.5	0.15	K139P	5.108	328.603	26.173	12.352	0.39629	2.75268	28	X
K13S00D	15.9	0.15	K1395	20.724	316.603	36.782	26.018	0.13056	2.76401	36	X
K13S10D	15.4	0.15	K1395	349.208	10.814	357.627	15.337	0.08260	3.12320	36	S
K13S11L	18.3	0.15	K1395	348.936	2.520	5.350	5.963	0.19218	2.25541	30	S
K13S16W	18.6	0.15	K1395	359.995	336.521	14.358	8.123	0.25334	2.27644	34	S
K13S18R	16.4	0.15	K139P	42.638	291.936	9.459	15.355	0.18385	3.19015	15	S
K13S20X	18.6	0.15	K1395	304.959	257.809	173.059	23.319	0.20101	1.90642	40	W
K13S21M	19.7	0.15	K139P	19.389	188.569	147.373	2.456	0.24715	2.12659	18	X
K13S21P	17.2	0.15	K1395	18.058	279.838	64.354	3.297	0.12498	3.05704	39	X
K13S21Q	19.4	0.15	K139P	350.720	253.927	132.672	2.396	0.26736	2.66426	17	X
K13S21R	16.9	0.15	K139P	104.169	237.669	28.165	10.887	0.02597	3.14965	17	X
K13S22S	17.2	0.15	K139P	31.090	294.640	17.103	13.587	0.40229	2.99516	15	S
K13S24B	16.8	0.15	K139P	27.838	304.149	34.343	8.838	0.09099	2.44275	17	X
K13S24E	17.7	0.15	K139P	41.813	256.004	55.808	4.501	0.19317	2.39509	14	X
K13S25J	16.1	0.15	K139P	357.560	337.165	50.305	24.485	0.09936	2.46192	15	S
K13S25V	15.9	0.15	K139P	18.929	291.236	60.508	16.960	0.28516	3.13571	14	S
K13S26E	16.1	0.15	K139P	6.355	102.502	259.994	10.847	0.06917	2.92825	10	S
K13S26P	17.5	0.15	K139P	2.814	66.767	306.091	1.810	0.22185	2.75382	14	X
K13S26V	17.2	0.15	K139P	295.294	68.869	24.546	17.855	0.15080	2.57549	13	X
K13S26W	17.8	0.15	K139P	339.048	358.473	38.765	6.674	0.11241	2.27544	13	X
K13S27F	15.5	0.15	K139P	37.123	291.550	36.376	17.126	0.11672	3.08223	13	X
K13S27H	15.5	0.15	K139P	320.887	242.001	183.310	13.866	0.08974	3.20722	26	X
K13S28F	17.1	0.15	K139P	9.208	148.250	210.463	19.852	0.34973	3.08150	26	S
K13S28H	17.7	0.15	K139P	1.076	149.385	226.730	3.665	0.16483	2.37700	14	X
K13S28L	18.1	0.15	K139P	341.071	68.186	340.220	2.188	0.22525	2.39410	13	X
K13S28P	17.5	0.15	K139P	343.492	335.445	74.029	8.925	0.27575	2.66290	13	X
K13S29Z	17.9	0.15	K1395	3.569	357.356	4.383	9.294	0.21599	2.41188	22	X
K13S30A	18.2	0.15	K139P	18.732	119.117	229.654	2.583	0.18578	2.36398	13	X
K13S31Q	17.2	0.15	K1395	323.813	352.526	59.158	3.102	0.20490	2.42773	37	X
K13S31S	18.0	0.15	K139P	34.844	229.502	85.304	4.542	0.20465	2.17123	17	S

K13S33R	17.9	0.15	K139P	35.811	338.638	335.134	4.655	0.11570	2.69372	24	S
K13S37V	19.4	0.15	K139P	302.386	67.265	10.686	18.359	0.17079	1.86684	15	S
K13S38C	16.3	0.15	K139S	328.369	243.931	154.957	6.456	0.06359	2.84791	37	X
K13S38L	18.4	0.15	K139P	20.579	184.761	151.550	3.811	0.19023	2.22843	17	X
K13S38Q	16.8	0.15	K139P	321.991	290.943	117.095	3.229	0.04871	2.88236	33	X
K13S38S	17.1	0.15	K139S	18.899	300.030	27.471	7.457	0.25612	2.99442	37	X
K13S38U	19.2	0.15	K139P	23.805	223.180	105.806	2.353	0.21047	2.31684	17	X
K13S38V	16.2	0.15	K139S	345.401	350.175	28.170	7.995	0.06708	2.80265	37	X
K13S39T	13.5	0.15	K139P	34.632	310.897	28.241	18.944	0.11816	5.14061	17	X
K13S39U	15.9	0.15	K139P	16.894	198.571	157.593	0.907	0.13864	3.14842	29	X
K13S40G	18.4	0.15	K139P	10.516	306.994	41.730	6.287	0.28306	2.25432	28	X
K13S42B	17.8	0.15	K139P	339.775	231.679	163.406	9.942	0.20352	2.58009	10	S
K13S42N	17.9	0.15	K139P	39.098	259.725	35.270	9.042	0.31251	2.25182	22	S
K13S43B	16.8	0.15	K139P	9.308	195.730	159.946	10.628	0.13856	2.97389	12	S
K13S43L	16.1	0.15	K139P	10.301	285.872	73.793	7.205	0.04353	2.74546	17	S
K13S49B	17.6	0.15	K139P	347.218	313.107	86.420	4.305	0.12926	2.38105	9	S
K13S49C	16.5	0.15	K139P	350.240	211.974	186.898	9.032	0.24727	2.68843	9	S
K13S49H	17.3	0.15	K139P	346.476	212.351	190.181	14.627	0.15853	2.56526	9	S
K13S50Y	16.9	0.15	K139P	337.267	321.799	86.315	3.308	0.17540	2.69502	14	X
K13S50Z	17.8	0.15	K139P	6.633	251.931	112.200	3.309	0.20085	2.44397	14	X
K13S51B	16.0	0.15	K139P	340.785	24.836	26.505	12.124	0.27483	3.16826	17	X
K13S51C	16.9	0.15	K139P	36.767	289.914	24.627	15.118	0.28778	2.85142	13	S
K13S52X	17.1	0.15	K139P	33.255	245.978	73.465	3.007	0.17793	2.80075	28	X
K13S53K	16.7	0.15	K139P	0.233	176.999	192.345	5.083	0.11777	3.06379	13	X
K13S55A	17.3	0.15	K139S	14.141	229.899	94.281	9.565	0.32002	2.77742	34	S
K13S55G	16.1	0.15	K139P	290.108	213.590	255.403	13.754	0.09318	2.70126	9	S
K13S55M	16.5	0.15	K139P	33.093	318.824	46.741	14.743	0.02447	2.60882	13	X
K13S55O	16.9	0.15	K139P	12.959	329.027	44.077	7.951	0.21728	2.57633	13	X
K13S56K	18.0	0.15	K139P	17.470	24.790	318.773	0.448	0.19205	2.45288	27	X
K13S56P	16.0	0.15	K139P	355.411	327.532	48.532	8.239	0.15912	3.21810	17	X
K13S56Q	15.6	0.15	K139P	19.002	317.182	26.709	16.332	0.12922	3.15845	32	X
K13S56Z	17.6	0.15	K139S	53.558	283.296	17.620	21.236	0.04512	1.96279	37	S
K13S57C	15.9	0.15	K139P	21.128	319.841	23.031	16.622	0.07009	3.09235	17	X
K13S57D	16.0	0.15	K139S	347.344	227.381	151.008	6.858	0.04855	3.16315	37	X
K13S57E	16.9	0.15	K139S	34.357	276.255	37.880	6.628	0.15678	2.44213	38	X
K13S57V	17.9	0.15	K139P	24.858	47.930	293.312	0.528	0.21772	2.84142	12	X
K13S57X	17.8	0.15	K139P	334.086	41.300	16.296	11.308	0.19501	2.63905	12	X
K13S58P	16.9	0.15	K139P	63.672	190.641	92.726	3.498	0.21060	2.30841	27	S
K13S58W	17.1	0.15	K139P	26.683	141.864	193.643	3.440	0.10855	2.60642	8	S
K13S60R	17.7	0.15	K139S	355.197	353.883	0.875	5.354	0.16286	2.20186	38	S
K13S62E	17.1	0.15	K139P	35.388	224.524	90.028	6.763	0.13414	2.51787	16	S
K13S62S	17.3	0.15	K139S	348.459	201.511	169.295	9.486	0.15309	2.59660	38	S
K13S64C	17.7	0.15	K139P	29.616	176.880	155.379	6.452	0.16044	2.28055	26	X
K13S64D	16.8	0.15	K139P	3.001	243.148	126.165	5.829	0.19943	3.03886	13	X
K13S64L	16.7	0.15	K139P	357.420	193.801	204.528	7.263	0.18219	2.59551	13	X
K13S65Y	18.0	0.15	K139P	6.069	193.478	161.230	3.703	0.23074	2.42702	19	X
K13S66O	16.9	0.15	K139P	10.799	307.609	39.554	9.749	0.22093	2.46118	27	S
K13S67A	16.1	0.15	K139S	19.183	285.895	37.187	7.996	0.22308	2.77873	36	S
K13S67Q	16.3	0.15	K139P	336.302	24.179	15.077	16.386	0.22638	3.09040	14	S
K13S67S	16.0	0.15	K139P	284.730	241.600	200.531	14.276	0.04183	2.63692	32	X
K13S68T	16.0	0.15	K139P	257.383	113.072	10.521	12.146	0.18397	2.41662	15	S
K13S70Y	18.2	0.15	K139P	339.486	270.577	123.570	2.958	0.21415	2.65612	13	S
K13S71D	17.8	0.15	K139P	18.423	312.245	30.944	2.985	0.16572	2.36431	18	X
K13S71E	17.3	0.15	K139P	22.001	147.345	186.138	1.952	0.22523	2.64963	18	X
K13S71H	16.6	0.15	K139S	4.599	39.931	317.914	11.693	0.19816	2.61856	26	S
K13S71K	16.9	0.15	K139P	5.016	329.933	25.796	8.858	0.22986	2.62874	17	S
K13S71S	17.2	0.15	K139P	332.153	4.711	56.130	7.507	0.30424	2.64618	28	S
K13S71V	16.2	0.15	K139P	352.335	291.784	87.032	7.266	0.04576	2.79493	28	S
K13S71X	16.4	0.15	K139P	18.056	202.132	140.373	7.367	0.11773	3.08441	19	S
K13S71Y	17.8	0.15	K139P	7.604	183.134	170.803	14.103	0.19357	2.49926	9	S
K13S74X	18.0	0.15	K139S	353.276	177.492	184.239	9.502	0.10010	2.52651	37	S
K13S76L	16.3	0.15	K139P	19.973	292.435	38.368	16.234	0.27199	3.11143	27	S
K13S76T	18.5	0.15	K139P	2.663	335.134	34.571	22.478	0.11236	1.90991	15	X
K13S77A	16.6	0.15	K139P	357.972	331.560	48.950	14.155	0.17671	2.63805	28	S
K13S78G	18.2	0.15	K139P	36.911	259.835	61.166	4.287	0.19063	2.20898	14	X
K13S78O	16.3	0.15	K139S	334.873	205.981	191.730	22.052	0.11179	3.19314	36	X
K13S78X	16.9	0.15	K139P	347.819	242.406	141.658	13.775	0.27467	2.68591	18	S
K13S79Q	17.6	0.15	K139P	24.491	22.640	317.291	4.718	0.16417	2.27232	26	S
K13S81C	17.4	0.15	K139S	26.235	335.466	340.183	0.547	0.19127	2.43386	36	S
K13S81F	17.6	0.15	K139P	342.257	318.809	70.127	8.022	0.22498	2.37330	18	S
K13S81G	16.6	0.15	K139P	22.210	24.090	322.725	15.432	0.23528	3.12369	9	S
K13S82D	16.5	0.15	K139P	16.911	221.077	127.566	5.092	0.10995	2.79025	17	X
K13S82M	17.4	0.15	K139P	26.384	289.260	33.119	8.540	0.26428	2.69276	17	X
K13S83B	17.9	0.15	K139P	18.009	236.511	106.009	5.789	0.29825	2.58061	12	S
K13T00W	18.0	0.15	K139P	1.432	299.015	69.121	3.621	0.21742	2.45699	11	X
K13T00X	16.0	0.15	K139P	265.279	54.534	63.649	5.741	0.08687	2.99674	11	X
K13T01H	16.6	0.15	K139P	336.539	350.400	50.535	7.221	0.10683	2.78442	11	X
K13T01J	17.8	0.15	K139P	12.407	183.779	162.906	6.671	0.29479	2.67396	27	X
K13T01P	16.7	0.15	K139S	323.134	103.676	303.870	13.117	0.23251	2.69171	54	S
K13T02N	15.2	0.15	K139P	321.532	286.286	122.178	10.247	0.12643	3.52098	9	S
K13T02P	17.1	0.15	K139P	121.779	152.328	93.503	3.436	0.05545	2.28611	11	X
K13T02T	15.7	0.15	K139P	298.855	206.153	249.488	9.799	0.07688	3.21824	11	X
K13T03O	16.6	0.15	K139P	357.034	333.283	50.390	15.211	0.15517	2.65115	28	S
K13T03R	15.8	0.15	K139P	49.816	255.575	70.622	16.135	0.11158	2.72512	22	S
K13T04B	15.7	0.15	K139S	6.834	79.222	257.029	23.502	0.34741	3.16579	36	S
K13T04L	20.0	0.15	K139S	355.364	190.912	172.209	6.635	0.33862	2.26416	39	X
K13T04X	16.9	0.15	K139P	58.981	195.199	92.008	18.725	0.28787	2.41307	10	S
K13T05D	18.9	0.15	K139P	20.970	297.474	33.716	24.842	0.18730	1.83653	9	S
K13T07U	17.0	0.15	K139P	42.391	206.324	107.626	3.971	0.17870	2.70727	10	X
K13T07V	17.9	0.15	K139S	340.312	216.338	186.017	12.653	0.28789	2.64801	45	X
K13T07X	16.4	0.15	K139P	11.928	298.638	64.346	4.617	0.10874	2.70985	13	S
K13T08F	18.0	0.15	K139P	10.218	232.454	130.127	4.251	0.17362	2.20622	10	S
K13T08L	17.0	0.15	K139P	338.569	319.278	82.477	3.695	0.18510	2.44704	27	X
K13T08O	16.8	0.15	K139P	351.033	358.600	24.954	13.431	0.22466	3.11164	13	X
K13T09D	16.8	0.15	K139P	39.821	308.536	20.092	15.537	0.14753	2.58723	10	X
K13T09G	16.1	0.15	K139P	348.452	115.191	280.487	4.905	0.05679	2.72590	10	X
K13T09H	15.7	0.15	K139P	21.706	59.783	304.877	9.612	0.07508	3.09884	6	S

K13T09L	16.5	0.15	K139P	334.976	58.041	13.031	26.721	0.25512	3.15032	6	S
K13T10G	17.5	0.15	K139S	331.514	240.757	156.186	7.173	0.12233	2.35275	37	S
K13T10T	17.2	0.15	K139P	1.482	168.912	208.177	9.856	0.29418	3.09249	9	X
K13T10Z	16.4	0.15	K139P	352.045	342.230	40.608	10.040	0.11204	3.19338	9	X
K13T11J	16.5	0.15	K139P	56.660	303.493	5.858	14.677	0.16223	2.60915	28	X
K13T11S	17.7	0.15	K139P	22.871	341.484	1.494	2.871	0.18839	2.25308	9	X
K13T12F	18.8	0.15	K139S	333.632	25.713	15.592	6.918	0.18928	2.19589	36	X
K13T12G	17.1	0.15	K139P	18.186	340.099	8.732	5.206	0.13960	2.44662	28	X
K13T12L	16.7	0.15	K139S	317.656	269.064	145.503	7.091	0.11011	2.66358	40	S
K13T12T	18.5	0.15	K139P	355.112	169.169	220.288	12.482	0.37740	2.72957	8	X
K13T13L	16.3	0.15	K139P	349.435	352.316	34.250	9.653	0.10419	3.15208	11	X
K13T13M	16.5	0.15	K139P	0.999	331.485	41.130	5.785	0.00546	2.68683	11	X
K13T14L	15.6	0.15	K139P	58.792	214.830	104.104	4.523	0.00769	3.25456	11	X
K13T14P	17.2	0.15	K139S	15.578	288.545	65.807	5.128	0.15785	2.65964	11	S
K13T15B	19.0	0.15	K139S	358.262	287.155	73.035	3.263	0.22777	2.37487	37	X
K13T15F	17.3	0.15	K139P	355.326	270.709	102.860	3.547	0.10332	2.77165	11	X
K13T15G	15.8	0.15	K139S	320.761	257.528	150.724	6.084	0.05098	3.23767	37	X
K13T15H	17.4	0.15	K139S	44.261	165.844	152.693	6.763	0.01133	2.65894	37	X
K13T17E	13.1	0.15	K139P	319.192	119.431	311.921	6.374	0.05131	5.15848	11	X
K13T17G	16.5	0.15	K139P	334.850	68.910	353.247	9.154	0.23280	3.12989	11	X
K13T17H	16.2	0.15	K139P	146.440	350.547	244.674	8.245	0.03947	3.10945	11	X
K13T17M	15.9	0.15	K139P	309.966	87.658	11.192	15.445	0.23509	3.19051	11	X
K13T19Q	17.9	0.15	K139S	324.617	223.130	189.093	14.905	0.17355	2.53626	41	X
K13T19S	17.1	0.15	K139P	14.946	301.246	51.471	2.995	0.09930	2.79225	11	X
K13T19T	17.9	0.15	K139P	338.264	229.083	167.360	4.430	0.07516	2.76210	11	X
K13T19X	18.5	0.15	K139P	346.705	219.164	170.359	2.392	0.22904	2.40977	11	X
K13T19Y	16.8	0.15	K139P	19.353	203.569	142.880	1.630	0.10443	3.14713	11	X
K13T20A	17.3	0.15	K139P	324.390	40.538	15.378	1.298	0.13423	3.08957	11	X
K13T20B	17.8	0.15	K139P	40.375	160.230	150.988	1.507	0.19324	2.42955	11	X
K13T20F	16.5	0.15	K139P	241.876	121.813	15.478	18.552	0.08641	3.05676	11	X
K13T20H	18.6	0.15	K139P	4.907	344.365	18.101	7.240	0.12892	2.32403	11	X
K13T20J	18.5	0.15	K139P	324.913	358.080	61.695	1.019	0.19590	2.29635	11	X
K13T20L	15.9	0.15	K139S	59.839	136.708	152.510	1.581	0.15625	3.15095	41	X
K13T20O	19.0	0.15	K139P	356.704	348.207	25.157	2.768	0.25524	2.56196	11	X
K13T20R	17.8	0.15	K139P	329.342	27.829	26.540	2.806	0.20321	2.66544	11	X
K13T20S	14.8	0.15	K139P	359.213	189.398	182.988	8.649	0.13729	5.46541	11	S
K13T20T	18.5	0.15	K139S	349.784	359.170	18.440	6.461	0.25596	2.62680	39	X
K13T20W	17.3	0.15	K139P	10.948	197.306	157.565	1.501	0.14984	3.09862	11	X
K13T20X	16.6	0.15	K139P	274.461	103.255	14.871	15.745	0.19401	3.08856	11	X
K13T20Z	16.7	0.15	K139P	347.799	208.269	178.046	4.639	0.16163	3.24397	11	X
K13T21A	16.5	0.15	K139P	7.742	335.229	26.548	9.800	0.08225	3.04259	11	X
K13T21B	18.3	0.15	K139P	23.936	308.636	33.143	5.100	0.09090	2.59785	11	X
K13T21F	17.3	0.15	K139P	180.143	162.119	28.230	7.529	0.05504	2.27725	11	X
K13T21G	18.2	0.15	K139P	26.367	226.201	110.224	2.027	0.12857	2.63747	11	X
K13T21J	16.9	0.15	K139P	147.963	61.934	159.167	4.523	0.04443	2.77127	11	X
K13T21K	17.5	0.15	K139S	27.834	183.872	136.482	2.563	0.20339	2.38639	39	X
K13T21L	16.6	0.15	K139P	244.068	317.389	176.349	9.502	0.05500	3.13409	11	X
K13T21M	17.0	0.15	K139P	307.255	280.645	153.662	3.873	0.10111	2.91150	11	X
K13T21Q	16.1	0.15	K139P	316.002	33.916	28.074	7.010	0.08398	3.14194	11	X
K13T21S	16.2	0.15	K139P	87.501	248.924	24.795	9.072	0.08553	3.12059	11	X
K13T21T	17.7	0.15	K139P	13.537	313.429	35.166	4.307	0.19535	2.58053	11	X
K13T21U	18.7	0.15	K139P	33.820	156.244	159.080	3.109	0.23395	2.26480	11	X
K13T22A	17.3	0.15	K139P	7.370	303.044	58.031	2.579	0.10135	2.63608	11	X
K13T22C	17.6	0.15	K139P	324.126	312.683	109.433	2.425	0.18977	3.14188	11	X
K13T22E	16.9	0.15	K139P	168.792	159.706	39.883	5.368	0.15497	2.59235	11	X
K13T22H	18.6	0.15	K139P	0.361	327.525	39.811	3.120	0.20344	2.39887	11	X
K13T22J	16.2	0.15	K139P	323.556	232.394	178.912	8.913	0.05799	3.16319	11	X
K13T22K	18.3	0.15	K139P	332.096	234.716	173.942	5.371	0.17420	2.64713	11	X
K13T22N	18.0	0.15	K139P	37.218	260.728	59.949	2.246	0.14320	2.53620	11	X
K13T22P	17.3	0.15	K139P	307.265	290.975	150.123	1.916	0.18024	3.17097	11	X
K13T22Q	19.2	0.15	K139P	358.533	337.123	33.244	2.423	0.22547	2.63383	11	X
K13T22R	18.1	0.15	K139P	323.596	10.662	41.780	2.334	0.08933	2.84971	11	X
K13T22W	17.2	0.15	K139P	341.027	230.153	161.884	2.210	0.10672	2.88530	11	X
K13T22X	19.3	0.15	K139S	6.814	175.938	170.126	2.679	0.24317	2.34932	39	X
K13T22Z	16.7	0.15	K139P	53.894	235.458	73.041	1.567	0.06526	2.77370	11	X
K13T23B	17.4	0.15	K139P	15.240	312.714	37.909	2.204	0.08863	2.85747	11	X
K13T23C	19.4	0.15	K139P	356.746	323.760	48.485	1.815	0.20496	2.43219	11	X
K13T23Q	16.3	0.15	K139P	299.721	31.048	55.033	1.639	0.13717	3.20178	11	X
K13T23T	18.9	0.15	K139P	0.060	35.243	342.586	3.300	0.35424	2.59461	11	X
K13T25K	16.9	0.15	K139S	331.319	29.090	12.920	5.771	0.09525	2.65235	36	X
K13T25X	18.8	0.15	K139P	295.176	245.405	194.396	18.832	0.04996	1.82202	29	X
K13T26B	17.0	0.15	K139P	55.635	110.066	203.931	6.308	0.02396	2.74792	11	X
K13T26M	17.0	0.15	K139P	63.362	114.031	186.496	2.963	0.09564	2.68304	27	X
K13T26P	17.2	0.15	K139S	15.414	327.796	13.932	1.725	0.17757	2.41906	36	X
K13T26S	16.9	0.15	K139P	342.759	20.876	17.658	8.197	0.18167	3.10858	11	X
K13T26X	19.1	0.15	K139P	7.697	158.254	200.223	0.826	0.18271	2.13417	11	X
K13T27T	16.4	0.15	K139P	99.263	73.469	193.238	10.734	0.05353	2.98387	8	S
K13T28Z	17.1	0.15	K139S	351.990	11.937	8.578	2.431	0.28477	3.10790	36	X
K13T29J	18.1	0.15	K139P	11.083	325.377	37.992	6.163	0.25861	2.39764	7	S
K13T29T	18.2	0.15	K139P	325.115	39.781	15.831	2.303	0.11445	2.24307	11	X
K13T29U	17.6	0.15	K139S	339.123	12.166	22.957	1.524	0.18658	2.44421	36	X
K13T29X	16.4	0.15	K139P	355.004	359.939	37.790	14.559	0.17531	2.78521	11	X
K13T31O	16.8	0.15	K139P	6.096	46.828	323.445	4.741	0.08994	2.71603	9	S
K13T31Z	17.4	0.15	K139P	335.153	43.104	6.573	1.391	0.17521	2.37317	16	S
K13T32A	15.8	0.15	K139P	33.597	237.905	96.682	2.562	0.13785	3.22088	17	X
K13T32B	16.5	0.15	K139P	72.054	138.424	159.417	4.165	0.07880	2.72570	10	X
K13T32K	16.4	0.15	K139S	74.800	273.580	347.774	10.748	0.14833	2.61816	36	S
K13T33V	17.0	0.15	K139P	311.595	80.060	48.611	7.349	0.45447	3.18447	10	S
K13T33X	15.4	0.15	K139P	46.608	180.520	130.741	2.325	0.31112	4.21677	10	S
K13T33Y	17.1	0.15	K139P	56.851	254.918	46.737	5.098	0.23506	2.37891	10	X
K13T34A	17.4	0.15	K139P	10.014	299.588	66.183	2.963	0.26336	2.78942	10	X
K13T34C	16.3	0.15	K139P	354.359	357.619	37.464	17.215	0.17709	3.10316	10	X
K13T34H	16.9	0.15	K139P	25.567	275.771	70.419	4.292	0.24873	2.99635	10	X
K13T34K	16.6	0.15	K139P	345.829	211.812	194.447	14.589	0.27487	3.17631	27	S
K13T34Q	18.3	0.15	K139P	358.769	321.289	62.749	5.492	0.20668	2.27338	10	X
K13T34R	16.7	0.15	K139P	139.578	160.582	86.954	4.395	0.02897	2.44382	10	X
K13T34W	17.4	0.15	K139P	336.270	225.568	186.848	15.357	0.31150	2.63818	33	S

K13T35D	16.0	0.15	K1395	0.552	7.657	15.414	18.139	0.24585	2.97895	41	X
K13T36D	16.9	0.15	K139P	320.752	269.050	168.383	13.610	0.21150	2.72693	10	S
K13T36J	17.8	0.15	K139P	42.381	235.856	76.719	2.368	0.14671	2.79203	10	X
K13T36K	18.0	0.15	K139P	283.666	34.101	66.166	2.537	0.14004	2.45167	17	X
K13T36L	19.0	0.15	K139P	329.095	352.324	58.032	2.604	0.17591	2.28327	10	X
K13T36M	18.3	0.15	K1395	349.773	345.114	28.212	6.062	0.18019	2.29050	37	X
K13T36O	17.6	0.15	K1395	333.779	227.475	176.346	14.225	0.26378	2.61361	39	S
K13T36R	17.9	0.15	K139P	23.751	300.539	28.287	12.832	0.22709	2.46869	29	X
K13T36T	19.7	0.15	K139P	10.292	309.109	40.153	3.628	0.26051	2.28674	10	X
K13T36V	15.8	0.15	K139P	340.723	17.467	20.735	20.753	0.15977	3.17913	27	S
K13T36W	16.2	0.15	K1395	57.385	175.992	125.872	3.125	0.08753	2.94664	39	X
K13T37M	17.0	0.15	K139P	6.004	117.867	252.062	6.908	0.22528	2.85546	10	X
K13T37N	17.0	0.15	K139P	25.654	1.036	343.623	8.671	0.17607	2.58102	10	X
K13T37R	15.5	0.15	K139P	150.911	95.835	127.711	6.387	0.01286	3.11385	6	S
K13T37X	16.2	0.15	K139P	359.850	22.321	352.314	2.791	0.19606	3.12737	10	S
K13T38P	16.0	0.15	K139P	324.275	9.226	47.648	9.172	0.03328	3.24506	11	X
K13T38V	17.6	0.15	K139P	69.823	279.571	11.405	7.407	0.11253	2.24969	5	S
K13T38Z	16.8	0.15	K139P	338.679	27.046	19.981	20.739	0.28816	3.06232	28	X
K13T39C	19.1	0.15	K139P	17.719	135.888	214.867	1.316	0.21840	2.37433	10	X
K13T39X	17.6	0.15	K139P	32.902	132.083	210.438	6.065	0.08638	2.47492	10	X
K13T39Z	16.9	0.15	K139P	60.006	108.511	208.673	15.256	0.07425	3.19632	10	X
K13T40A	15.8	0.15	K139P	190.757	171.039	24.219	4.767	0.03173	3.15211	10	X
K13T40B	16.9	0.15	K139P	346.568	189.167	210.062	3.879	0.11904	2.74124	10	X
K13T40E	17.8	0.15	K139P	354.664	168.398	220.760	1.771	0.19445	2.76063	10	X
K13T40F	18.5	0.15	K139P	330.600	67.051	354.997	0.983	0.17753	2.47400	10	X
K13T40Z	17.6	0.15	K139P	5.872	355.149	16.251	3.809	0.18931	2.73432	10	X
K13T41A	17.3	0.15	K139P	285.716	124.461	4.016	1.355	0.28032	2.49232	10	X
K13T41C	18.0	0.15	K139P	345.749	38.354	359.511	0.949	0.15431	2.36300	6	S
K13T42K	16.0	0.15	K139P	257.705	140.055	12.367	10.617	0.17472	3.11298	4	S
K13T42R	17.2	0.15	K139P	355.509	89.283	296.555	2.547	0.09740	2.75877	9	X
K13T42S	18.7	0.15	K139P	349.118	90.481	302.233	2.143	0.16687	2.29949	9	X
K13T42U	17.6	0.15	K139P	56.495	280.877	15.448	14.087	0.25568	2.65764	9	X
K13T42W	18.5	0.15	K139P	12.735	96.317	261.643	1.990	0.18968	2.18311	9	X
K13T42X	16.8	0.15	K139P	339.568	67.987	342.277	3.106	0.13948	3.13658	9	X
K13T42Z	16.3	0.15	K139P	338.673	175.429	234.600	4.268	0.11441	3.07339	9	X
K13T43J	16.9	0.15	K139P	11.450	348.135	14.533	10.956	0.16158	2.74483	29	S
K13T43L	17.2	0.15	K139P	344.079	30.780	12.658	8.034	0.22155	2.77634	29	S
K13T44H	16.0	0.15	K139P	60.468	289.847	19.246	16.584	0.11021	3.15709	29	X
K13T44J	16.6	0.15	K139P	292.663	85.360	17.369	13.209	0.12328	3.20619	9	X
K13T44K	16.7	0.15	K139P	48.350	295.139	16.360	9.774	0.19451	2.73846	29	X
K13T44V	16.0	0.15	K139P	344.404	206.264	193.323	11.685	0.14275	3.07653	9	X
K13T44W	18.0	0.15	K139P	26.613	131.030	190.959	10.317	0.34320	2.75063	29	X
K13T45A	13.3	0.15	K139P	308.719	65.824	13.370	9.738	0.04568	5.24698	9	X
K13T46Y	17.7	0.15	K139P	16.420	339.009	11.890	2.549	0.21860	2.37305	17	X
K13T48A	16.1	0.15	K139P	60.393	70.359	242.307	7.938	0.09531	2.83408	9	X
K13T48R	17.7	0.15	K139P	16.017	159.167	191.460	14.491	0.22861	2.72784	29	X
K13T48S	18.4	0.15	K139P	343.047	3.843	34.591	6.907	0.16401	2.26851	14	X
K13T48Y	18.6	0.15	K139P	352.158	335.588	50.654	2.650	0.20194	2.28729	9	X
K13T48Z	16.6	0.15	K139P	339.092	10.103	38.328	7.578	0.17699	3.09930	9	X
K13T49B	18.3	0.15	K139P	40.302	151.480	168.134	2.164	0.18614	2.15360	9	X
K13T50D	17.4	0.15	K139P	291.491	85.178	24.640	13.851	0.15366	2.78104	10	X
K13T51A	18.2	0.15	K139P	352.115	10.754	18.137	6.808	0.24835	2.34446	29	X
K13T51B	17.1	0.15	K139P	27.096	185.144	170.627	3.396	0.07817	2.72434	10	X
K13T51E	15.5	0.15	K139P	310.315	46.621	41.954	11.634	0.10417	3.10949	9	S
K13T51V	17.3	0.15	K139P	22.460	130.794	197.386	10.954	0.26298	2.60594	21	S
K13T52J	18.4	0.15	K139P	4.686	80.998	291.990	4.655	0.22500	2.57148	8	X
K13T52K	16.3	0.15	K139P	296.131	219.960	234.597	14.118	0.04389	3.06444	8	X
K13T52L	17.2	0.15	K139P	352.589	166.519	226.407	12.170	0.27957	2.62854	8	X
K13T52M	16.7	0.15	K139P	25.664	357.495	345.460	8.018	0.22438	2.77029	28	X
K13T52O	16.3	0.15	K139P	265.393	277.509	229.643	18.718	0.23144	3.03130	8	X
K13T52R	17.6	0.15	K1395	4.836	91.953	265.808	4.705	0.34397	2.57455	38	X
K13T52S	15.8	0.15	K139P	47.909	90.360	241.167	10.494	0.08082	2.95352	8	X
K13T52V	17.2	0.15	K139P	12.525	106.430	257.556	6.317	0.20206	2.63052	8	X
K13T52W	16.7	0.15	K139P	2.762	29.929	351.589	7.865	0.13815	2.68469	8	X
K13T53A	16.8	0.15	K139P	354.364	72.580	321.983	5.885	0.04998	2.90344	8	X
K13T53B	17.2	0.15	K139P	329.829	74.996	357.570	9.872	0.24004	3.12852	8	X
K13T53D	17.9	0.15	K139P	48.790	60.177	258.927	4.793	0.13911	2.27900	8	X
K13T53F	17.5	0.15	K139P	9.085	19.567	346.888	6.784	0.22133	2.59967	8	X
K13T53G	19.3	0.15	K139P	0.671	90.557	285.727	3.503	0.23147	2.21886	8	X
K13T53N	16.2	0.15	K139P	243.667	234.057	284.270	5.025	0.14951	2.91110	8	X
K13T53P	15.9	0.15	K139P	274.696	272.969	229.811	12.507	0.27378	2.82328	8ES	
K13T53R	17.1	0.15	K139P	316.390	94.258	342.685	5.678	0.09357	2.69265	8	X
K13T53S	18.1	0.15	K139P	36.382	11.423	305.125	3.855	0.31169	2.55350	8	X
K13T53T	16.6	0.15	K139P	255.356	154.597	339.379	5.341	0.02683	2.69159	8	X
K13T58W	16.3	0.15	K139P	320.205	184.830	225.171	11.306	0.11792	2.64473	4	S
K13T59C	17.5	0.15	K139P	311.990	12.639	68.933	3.214	0.17422	2.37426	8	X
K13T62H	15.7	0.15	K139P	289.592	104.002	3.092	9.900	0.09755	2.76558	8	S
K13T65J	16.6	0.15	K139P	56.627	302.425	351.124	4.541	0.22151	2.66893	7	S
K13T66S	16.5	0.15	K139P	358.475	359.793	13.032	21.301	0.10795	2.77069	6ES	
K13T69T	17.1	0.15	K139P	22.049	306.014	31.394	1.355	0.19212	3.03509	11	X
K13T70D	16.1	0.15	K139P	148.030	31.473	188.198	7.087	0.05299	3.02087	11	X
K13T70E	17.8	0.15	K139P	352.805	0.175	19.665	4.164	0.16349	3.01657	11	X
K13T70H	17.1	0.15	K139P	353.165	248.792	132.078	1.969	0.16916	3.08217	11	X
K13T70L	16.4	0.15	K139P	18.981	162.259	184.565	10.407	0.10613	3.13937	11	X
K13T70O	18.8	0.15	K139P	356.600	225.004	148.652	1.602	0.19282	2.43860	11	X
K13T70S	17.4	0.15	K139P	330.170	28.840	24.811	2.845	0.19899	3.09935	11	X
K13T70T	18.6	0.15	K139P	333.628	230.603	175.161	3.260	0.17921	2.32536	11	X
K13T70U	17.0	0.15	K139P	62.021	131.904	171.935	2.116	0.04183	2.93851	11	S
K13T70V	18.8	0.15	K139P	328.700	9.291	44.686	0.946	0.19507	2.28308	11	X
K13T72E	16.5	0.15	K139P	74.613	270.897	24.584	8.651	0.11699	2.74544	10	X
K13T72F	18.0	0.15	K139P	18.746	49.960	300.038	0.369	0.19984	2.36344	10	X
K13T72G	17.9	0.15	K139P	354.863	16.609	10.980	1.809	0.13993	2.62540	10	X
K13T72J	18.1	0.15	K139P	25.007	35.847	303.186	1.818	0.20057	2.41698	9	X
K13T73E	14.0	0.15	K139P	357.527	209.950	186.602	9.815	0.13239	5.23563	14	X
K13T73G	17.8	0.15	K139P	16.303	117.844	243.007	4.876	0.17032	2.40164	4ES	
K13T73J	18.8	0.15	K139P	15.468	347.560	5.585	3.109	0.18941	2.18203	9	X
K13T74K	16.8	0.15	K139P	96.250	243.668	25.245	13.457	0.16654	2.58885	10	X

K13T75Q	17.7	0.15	K139P	18.780	110.303	230.097	12.187	0.33856	2.67622	11	X
K13T76F	16.6	0.15	K139P	24.167	146.479	221.606	5.290	0.10115	2.95009	8	X
K13T76J	17.0	0.15	K139P	45.137	126.517	220.809	2.861	0.07062	2.72635	8	X
K13T76N	16.4	0.15	K139P	325.374	33.951	46.965	17.145	0.08335	3.07965	13	X
K13T77T	16.3	0.15	K139P	62.303	274.875	15.620	12.924	0.25058	3.08435	9	X
K13T77U	17.6	0.15	K139P	351.652	177.954	213.308	10.372	0.15481	3.04911	9	X
K13T77V	18.5	0.15	K139P	350.707	67.807	322.531	1.631	0.16952	2.43989	7	X
K13T77W	16.2	0.15	K139P	25.478	105.042	228.134	6.382	0.31077	3.80694	7	ES
K13T77X	18.9	0.15	K139P	1.531	30.083	343.729	2.624	0.22410	2.39417	9	X
K13T77Z	18.4	0.15	K139P	5.243	78.362	289.394	1.438	0.22121	2.36936	9	X
K13T78A	17.2	0.15	K139P	358.573	166.369	215.610	8.611	0.27489	3.10687	7	S
K13T78B	17.7	0.15	K139P	45.385	31.339	289.629	4.202	0.16341	2.45092	7	X
K13T78G	18.2	0.15	K139P	14.331	62.847	290.353	0.996	0.26995	2.68658	7	X
K13T78H	16.6	0.15	K139P	294.175	278.938	223.325	3.672	0.45096	2.72612	7	ES
K13T78J	18.4	0.15	K139P	25.695	322.644	17.995	10.142	0.22028	2.57933	7	X
K13T78S	17.1	0.15	K139P	8.331	124.808	236.486	3.748	0.16466	2.75960	6	S
K13T78W	17.4	0.15	K139P	354.734	349.446	43.064	9.388	0.19524	2.77573	14	X
K13T79M	16.7	0.15	K139P	32.264	64.824	251.999	2.029	0.16414	3.10882	26	X
K13T81O	17.8	0.15	K139S	359.407	2.621	358.584	2.472	0.21921	2.32826	38	S
K13T82R	17.0	0.15	K139P	349.030	163.758	233.673	9.555	0.21460	3.12451	11	X
K13T82V	18.6	0.15	K139P	7.506	58.195	307.585	4.008	0.18641	2.25908	11	X
K13T82W	16.9	0.15	K139P	178.348	233.609	330.474	6.152	0.11873	2.47887	11	X
K13T82Z	16.9	0.15	K139P	321.349	205.384	236.198	8.922	0.23289	3.05326	11	X
K13T83A	16.9	0.15	K139P	101.493	311.615	316.791	4.916	0.11913	2.56980	11	X
K13T83B	17.5	0.15	K139P	37.250	353.262	331.390	5.404	0.20843	2.45655	11	X
K13T83M	19.2	0.15	K139P	13.184	12.731	349.614	6.026	0.14842	2.30239	11	X
K13T83Z	17.3	0.15	K139P	16.495	133.842	223.951	8.027	0.18292	3.07696	11	X
K13T84V	18.4	0.15	K139S	332.458	115.620	287.352	2.741	0.22922	2.27818	35	S
K13T85Z	16.2	0.15	K139P	57.410	262.778	21.235	13.048	0.26806	3.16821	11	X
K13T86A	19.1	0.15	K139P	338.223	295.782	105.700	1.299	0.19866	2.25180	11	X
K13T86D	18.3	0.15	K139P	149.809	57.106	159.409	2.957	0.08857	2.18015	11	X
K13T86F	18.5	0.15	K139P	50.251	122.759	175.801	4.727	0.20553	2.18767	11	X
K13T86J	18.5	0.15	K139P	24.863	299.943	30.019	3.624	0.23155	2.57832	11	X
K13T86S	16.6	0.15	K139P	295.806	262.922	181.475	8.066	0.08369	3.15967	11	X
K13T86X	17.9	0.15	K139P	358.581	333.013	37.369	2.043	0.18171	2.61427	11	X
K13T86Z	17.8	0.15	K139P	39.827	299.065	17.088	8.614	0.15273	2.67816	11	X
K13T87B	18.0	0.15	K139P	346.393	221.921	164.065	2.169	0.09013	2.85589	11	X
K13T87F	18.2	0.15	K139P	339.882	251.944	147.676	1.107	0.21687	2.99757	11	X
K13T87G	17.7	0.15	K139P	346.583	202.689	182.660	4.055	0.10100	2.79079	11	X
K13T87L	15.3	0.15	K139P	176.364	5.185	187.417	11.403	0.30027	2.99079	11	ES
K13T87N	17.6	0.15	K139P	344.035	357.682	32.811	2.115	0.14579	2.98800	11	X
K13T87O	17.1	0.15	K139P	299.768	254.248	179.745	2.318	0.04325	2.68276	11	X
K13T87Q	17.3	0.15	K139P	331.035	338.875	72.182	2.568	0.17523	3.10377	11	X
K13T87T	19.5	0.15	K139P	353.765	359.900	20.475	10.363	0.29598	2.72931	11	X
K13T87X	13.8	0.15	K139P	178.604	172.432	20.578	13.461	0.02887	5.14283	11	ES
K13T87Z	17.0	0.15	K139P	314.871	240.913	181.934	8.430	0.08837	3.12137	11	X
K13T88A	17.5	0.15	K139P	28.728	301.431	32.837	3.202	0.10251	2.79708	11	X
K13T88C	19.0	0.15	K139P	304.483	26.731	54.365	2.291	0.16216	2.33642	11	X
K13T88H	18.1	0.15	K139P	342.718	226.507	167.211	2.154	0.19477	2.59671	11	X
K13T88L	17.2	0.15	K139P	4.963	200.609	162.929	2.624	0.05905	2.88335	11	X
K13T90Q	17.4	0.15	K139P	335.517	175.658	226.381	8.032	0.21114	2.37453	23	S
K13T90Y	18.2	0.15	K139P	28.721	328.563	4.245	5.213	0.13883	2.39756	11	X
K13T93G	17.7	0.15	K139P	195.280	355.148	195.947	5.275	0.04418	2.17114	11	X
K13T93X	15.5	0.15	K139P	246.012	110.279	44.657	11.058	0.07791	3.09290	8	S
K13T95A	17.6	0.15	K139P	323.222	53.547	34.350	24.427	0.25449	2.36250	11	X
K13T96V	18.1	0.15	K139P	359.228	233.113	142.447	2.704	0.22319	2.42580	11	X
K13T96X	17.3	0.15	K139S	350.805	188.835	166.392	20.670	0.33009	3.05871	58	S
K13T98D	16.9	0.15	K139P	40.517	248.760	78.989	2.777	0.20497	3.03548	10	ES
K13T98E	17.9	0.15	K139P	33.984	170.590	174.099	2.865	0.08529	2.38189	10	X
K13T98L	16.7	0.15	K139P	10.509	239.477	138.226	2.707	0.10985	3.09248	10	X
K13T98M	16.5	0.15	K139P	358.583	301.624	90.750	3.614	0.10682	3.03576	10	X
K13T98O	16.6	0.15	K139P	11.947	265.990	110.515	3.199	0.07952	2.88025	10	X
K13T98U	16.6	0.15	K139P	356.656	257.631	135.400	4.070	0.02972	3.08514	10	X
K13T98W	17.1	0.15	K139P	354.662	320.629	72.445	4.571	0.11755	2.64552	10	X
K13T98X	16.8	0.15	K139P	354.922	297.798	96.011	3.919	0.09793	2.79419	10	X
K13T98Z	17.7	0.15	K139P	57.833	237.327	71.094	5.618	0.18340	2.44953	10	X
K13T99A	17.5	0.15	K139P	342.845	292.855	120.757	3.052	0.21984	2.89762	10	X
K13T99M	17.7	0.15	K139P	346.333	48.337	4.251	9.465	0.28931	2.54012	10	X
K13TA0D	17.5	0.15	K139S	24.122	298.499	24.108	2.023	0.21776	3.04835	30	S
K13TA0H	16.4	0.15	K139P	88.763	112.358	166.094	6.760	0.01042	2.73867	17	X
K13TA0K	18.8	0.15	K139P	343.708	235.995	154.307	6.771	0.17950	2.21067	11	S
K13TA0M	16.2	0.15	K139P	1.098	180.063	188.370	9.017	0.13732	3.11957	11	ES
K13TA1C	17.5	0.15	K139P	47.891	305.822	7.155	6.092	0.12930	2.24730	5	S
K13TA2J	18.2	0.15	K139P	300.044	86.263	11.188	2.271	0.15078	2.38391	10	X
K13TA2R	17.4	0.15	K139P	68.996	276.465	8.646	2.280	0.23742	2.40319	10	X
K13TA3L	17.9	0.15	K139P	31.399	171.702	145.180	5.425	0.22702	2.27920	12	S
K13TA3N	19.3	0.15	K139P	348.062	120.127	274.589	2.040	0.22318	2.24940	9	X
K13TA3V	16.2	0.15	K139P	291.470	243.238	215.195	15.206	0.05846	3.13668	9	X
K13TA3Y	16.7	0.15	K139P	75.213	41.361	252.418	2.523	0.11891	2.65754	9	X
K13TA3Z	18.4	0.15	K139P	326.795	111.183	314.690	1.916	0.18304	2.27614	9	X
K13TA4F	16.5	0.15	K139P	3.316	2.647	18.365	10.176	0.06807	3.10833	9	X
K13TA4G	16.6	0.15	K139P	119.992	302.164	311.423	1.703	0.12086	2.63597	9	X
K13TA4L	18.2	0.15	K139P	16.032	20.029	327.618	1.690	0.25170	2.39027	10	X
K13TA4M	19.4	0.15	K139P	5.196	52.420	314.264	1.624	0.19573	2.20046	9	X
K13TA4N	18.0	0.15	K139P	54.559	333.021	328.332	1.895	0.20581	2.37075	9	X
K13TA4O	17.7	0.15	K139P	323.265	134.732	294.009	1.531	0.17525	2.46184	9	X
K13TA4S	16.0	0.15	K139P	356.628	11.757	14.738	9.630	0.02452	3.14846	9	X
K13TA4X	18.4	0.15	K139P	19.226	134.527	214.496	4.246	0.18118	2.24092	9	X
K13TA4Z	18.6	0.15	K139P	9.901	309.136	39.803	5.240	0.23727	2.18186	17	X
K13TA5C	18.0	0.15	K139P	43.153	103.430	214.314	2.475	0.18749	2.24554	9	X
K13TA5F	17.0	0.15	K139P	51.468	292.271	20.855	15.937	0.17453	2.71911	9	X
K13TA5G	18.0	0.15	K139P	17.401	331.900	16.343	6.575	0.24839	2.34891	10	X
K13TA5L	13.8	0.15	K139P	306.273	74.487	1.818	5.904	0.08910	5.18301	24	S
K13TA5M	17.5	0.15	K139P	21.506	214.871	120.261	6.372	0.19890	2.54344	11	S
K13TA7J	18.6	0.15	K139P	24.321	275.525	70.878	1.945	0.19276	2.41928	9	X
K13TA7K	17.2	0.15	K139P	39.708	190.979	142.791	1.764	0.14026	2.63569	9	X
K13TA7L	18.0	0.15	K139P	25.393	275.499	56.242	2.566	0.32906	2.64468	9	X

K13TA8Q	15.9	0.15	K139P	343.906	118.053	282.181	14.776	0.16172	3.35563	6	S
K13TA8T	18.4	0.15	K139P	12.659	117.891	234.218	1.043	0.30996	2.63620	9	ES
K13TA9G	18.0	0.15	K139P	40.556	279.951	41.862	3.082	0.15862	2.20417	14	X
K13TB4B	18.6	0.15	K139P	2.837	199.900	170.251	4.373	0.24324	2.26806	13	S
K13TB6D	17.9	0.15	K139P	30.283	16.440	319.143	4.806	0.20768	2.39742	8	X
K13TB6M	16.6	0.15	K139P	287.967	209.868	259.150	5.905	0.09933	2.71565	8	X
K13TB6N	17.7	0.15	K139P	48.540	331.078	338.968	5.343	0.23291	2.29315	8	X
K13TC0H	16.6	0.15	K139P	14.275	268.752	74.136	4.280	0.19085	2.75063	33	S
K13TC1M	18.2	0.15	K139P	30.583	115.542	212.044	4.818	0.19126	2.25542	8	X
K13TC1T	17.4	0.15	K139P	331.658	216.563	213.880	5.605	0.11333	2.63389	8	X
K13TC1U	18.4	0.15	K139P	38.388	293.799	32.609	0.620	0.28255	2.38492	8	X
K13TC1V	16.9	0.15	K139P	42.748	289.668	45.529	5.572	0.20873	2.96128	8	X
K13TC1W	17.4	0.15	K139P	340.394	206.628	215.604	4.474	0.15237	2.73483	8	X
K13TC1Y	16.5	0.15	K139P	40.605	306.415	43.356	10.886	0.10893	3.00298	28	X
K13TC2A	17.1	0.15	K139P	62.024	109.013	221.375	5.242	0.06737	2.70274	8	X
K13TC2B	16.1	0.15	K139P	59.224	290.113	48.429	10.222	0.03578	2.99514	8	X
K13TC2E	16.1	0.15	K139P	359.886	181.954	221.014	10.778	0.05510	3.11982	8	X
K13TC3T	17.4	0.15	K139P	7.175	65.012	302.069	2.053	0.21939	3.14108	7	X
K13TC3W	17.5	0.15	K139P	41.959	325.214	358.990	3.425	0.14960	2.80007	7	X
K13TC3X	18.6	0.15	K139P	345.070	90.125	310.494	1.490	0.22347	2.60232	7	X
K13TC3Y	17.0	0.15	K139P	42.205	108.095	221.809	3.791	0.09294	2.75109	7	S
K13TC3Z	17.8	0.15	K139P	58.299	295.510	5.939	4.493	0.18946	2.78182	7	X
K13TC4B	17.6	0.15	K139P	22.711	109.098	228.239	4.949	0.30274	3.45773	7	S
K13TC4D	18.6	0.15	K139P	27.710	349.998	342.566	2.283	0.21283	2.09901	9	X
K13TC4G	18.3	0.15	K139P	337.934	99.540	315.316	4.042	0.23442	2.43041	7	X
K13TC4K	16.0	0.15	K139P	332.358	208.641	211.732	26.497	0.15255	3.15518	11	X
K13TC4L	18.7	0.15	K139P	350.013	145.329	250.708	1.731	0.32615	2.57281	9	X
K13TC4O	16.4	0.15	K139P	68.731	78.044	212.640	9.555	0.22433	3.25874	7	X
K13TC4Z	18.5	0.15	K139P	29.558	82.387	237.230	8.948	0.34935	2.44389	7	X
K13TC5A	16.4	0.15	K139P	337.069	124.026	291.182	6.034	0.12814	3.10185	7	X
K13TC5B	16.1	0.15	K139P	302.889	93.326	357.241	10.584	0.06426	3.08078	8	X
K13TC5C	15.8	0.15	K139P	16.841	12.484	353.305	9.299	0.12541	3.60335	7	S
K13TC5D	18.7	0.15	K139P	15.420	108.453	245.916	6.589	0.22356	2.25053	7	X
K13TC5W	16.8	0.15	K139P	12.014	154.308	202.791	14.714	0.13942	2.68030	7	X
K13TC6Y	15.7	0.15	K139P	268.140	82.647	51.889	7.932	0.11594	3.21988	6	ES
K13TC7O	13.5	0.15	K139P	335.328	90.531	328.050	23.588	0.12866	5.20852	2	X
K13TC7P	17.6	0.15	K139P	336.136	247.502	200.207	22.899	0.43066	2.71757	30	S
K13TC7Q	18.1	0.15	K139P	1.645	3.477	16.411	11.871	0.41683	2.69363	30	S
K13TC7S	18.4	0.15	K139P	334.097	160.049	242.943	4.415	0.20375	2.34499	6	S
K13TC7T	16.6	0.15	K139P	37.744	327.937	17.167	13.429	0.07132	2.61569	4	S
K13TC7U	17.9	0.15	K139P	341.524	50.509	7.330	8.316	0.29206	2.68937	4	S
K13TC7X	13.5	0.15	K139P	35.953	115.694	206.559	11.342	0.06423	5.19508	13	S
K13TC7Y	16.0	0.15	K139P	210.667	332.572	194.476	15.943	0.03571	3.10743	8	S
K13TC7Z	16.8	0.15	K139P	344.364	245.146	152.886	1.313	0.21019	3.06065	7	S
K13TC8A	18.5	0.15	K139P	10.493	155.726	199.727	7.454	0.19184	2.19354	7	S
K13TC8B	17.9	0.15	K139P	348.066	43.735	352.891	2.350	0.33779	2.81204	3	S
K13TC8C	17.9	0.15	K139P	347.738	239.800	163.132	6.762	0.24811	2.65116	4	S
K13TC8E	17.5	0.15	K139P	328.563	260.419	159.009	26.308	0.27718	3.16390	7	X
K13TC8F	15.8	0.15	K139P	168.726	134.204	75.349	6.714	0.05913	2.76912	4	S
K13TC8G	16.0	0.15	K139P	2.292	160.214	199.596	8.815	0.16012	3.20958	8	S
K13TC8H	16.9	0.15	K139P	302.825	157.024	281.422	2.094	0.16750	2.74349	13	S
K13TC8N	18.2	0.15	K139P	355.093	157.890	213.311	5.646	0.20041	2.24029	6	S
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K13TC8Q	15.5	0.15	K139P	18.210	131.429	209.270	11.332	0.11941	3.10439	13	S
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K13TC8S	15.7	0.15	K139P	212.024	173.335	341.147	10.982	0.02377	3.05442	13	S
K13TC9C	15.8	0.15	K139P	60.397	39.653	256.529	5.814	0.07295	3.02593	2	S
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K13TC9E	13.7	0.15	K139P	306.618	54.803	20.422	9.121	0.04153	5.01536	5	ES
K13TC9F	18.0	0.15	K139P	9.019	184.730	170.407	7.702	0.39708	2.73168	2	S
K13TC9J	17.7	0.15	K139P	6.126	208.678	158.807	5.417	0.26006	2.25921	9	S
K13TC9K	17.4	0.15	K139P	32.170	268.986	66.425	7.245	0.21063	2.70593	4	S
K13TC9L	15.2	0.15	K139P	175.735	132.953	80.028	6.853	0.10809	3.00108	4	S
K13TC9O	15.4	0.15	K139P	11.698	269.378	112.722	13.795	0.31012	3.08664	3	S
K13TC9P	16.1	0.15	K139P	329.962	256.378	204.572	28.082	0.32165	2.52992	3	S
K13TC9Q	17.0	0.15	K139P	306.164	13.961	92.679	14.099	0.13685	1.95423	3	ES
K13TC9T	18.6	0.15	K139P	29.603	186.460	134.765	2.746	0.25142	2.20933	5	S
K13TC9V	17.0	0.15	K139P	21.946	164.884	167.046	10.217	0.16173	3.11631	4	ES
K13TC9W	16.2	0.15	K139P	8.009	122.430	223.709	16.013	0.13149	3.02136	10	S
K13TC9Y	18.7	0.15	K139P	347.200	38.047	351.011	0.749	0.26961	2.46427	7	S
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K13TD0C	17.1	0.15	K139P	39.860	274.235	44.621	6.353	0.23329	2.40521	13	S
K13TD0D	16.6	0.15	K139P	24.268	254.014	87.244	3.758	0.09169	2.70143	6	S
K13TD0F	18.2	0.15	K139P	11.917	169.451	180.564	10.089	0.22628	2.43708	1	S
K13TD0H	16.6	0.15	K139P	62.425	316.002	332.159	10.503	0.16211	2.71060	2	S
K13TD0L	15.5	0.15	K139P	346.648	95.763	290.277	8.599	0.06183	3.10114	12	S
K13TD0M	18.9	0.15	K139P	2.868	208.809	153.389	6.592	0.19596	2.26376	7	S
K13TD0N	15.9	0.15	K139P	341.687	31.064	18.667	10.218	0.21614	3.04214	5	S
K13TD0P	17.8	0.15	K139P	327.036	302.371	122.356	6.436	0.19137	2.45743	2	ES
K13TD0Q	17.4	0.15	K139P	345.998	109.621	285.444	11.881	0.18093	2.54142	5	S
K13TD0R	15.2	0.15	K139P	277.851	71.993	38.217	17.457	0.09930	3.14946	6	S
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K13TD1F	16.7	0.15	K139P	354.042	224.198	151.539	9.347	0.10217	2.88074	7	S
K13TD1G	18.0	0.15	K139P	358.279	251.571	118.414	5.031	0.22925	2.65100	7	S
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K13TD1Y	16.6	0.15	K139P	357.494	358.760	17.658	0.564	0.20762	3.15275	3	S
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K13P430	KC2013	10	12.14882623	01	03	65	+12	22	26.5
K13P430	KC2013	10	12.16499923	01	03	93	+12	22	30.8
K13P430	KC2013	10	12.18219523	01	04	28	+12	22	35.9
K13P43R	KC2013	10	12.19799623	53	07	09	+08	32	49.4
K13P43R	KC2013	10	12.21060623	53	07	16	+08	32	45.8
K13P43R	KC2013	10	12.22343023	53	07	27	+08	32	43.2
K13Q10J	KC2013	10	12.09558	21	26	53.43	+25	00	28.6
K13Q10J	KC2013	10	12.10924	21	26	53.25	+25	00	12.7
K13Q10J	KC2013	10	12.11962	21	26	53.15	+25	00	00.6
K13R06B	KC2013	10	12.32263	21	22	06.27	+30	29	08.1
K13R06B	KC2013	10	12.32547	21	22	06.03	+30	29	10.5
K13R06B	KC2013	10	12.32832	21	22	05.72	+30	29	12.8
K13R21N	KC2013	10	12.41575	01	09	58.08	-02	18	51.1
K13R21N	KC2013	10	12.42153	01	09	57.69	-02	18	53.1
K13R21N	KC2013	10	12.42732	01	09	57.36	-02	18	55.1
K13R43K	KC2013	10	13.20830	23	25	19.15	-05	10	14.5
K13R43K	KC2013	10	13.21362	23	25	18.92	-05	10	18.8
K13R43K	KC2013	10	13.21895	23	25	18.69	-05	10	21.3
K13R43M	C2013	10	12.44443	02	40	03.90	+03	39	52.9
K13R43M	C2013	10	12.44943	02	40	03.97	+03	40	04.6
K13R43M	C2013	10	12.45444	02	40	03.99	+03	40	15.3
K13R43M	C2013	10	12.45946	02	40	04.04	+03	40	26.1
K13R74B	KC2013	10	12.44946	03	53	24.59	-01	53	16.6
K13R74B	KC2013	10	12.45094	03	53	24.90	-01	53	16.2
K13R74B	KC2013	10	12.45242	03	53	25.20	-01	53	15.1
K13R74H	C2013	10	11.95980	03	15	57.19	+19	03	08.0
K13R74H	C2013	10	11.96332	03	16	01.62	+19	03	04.2
K13R74H	C2013	10	11.96537	03	16	04.22	+19	03	01.3
K13R74H	C2013	10	11.96684	03	16	06.04	+19	03	00.3
K13R74H	C2013	10	11.96743	03	16	06.83	+19	02	59.0
K13R74H	C2013	10	11.96977	03	16	09.80	+19	02	57.3
K13R74H	C2013	10	11.97241	03	16	13.11	+19	02	54.2
K13R74J	KC2013	10	12.07274422	40	20	0.03	+04	08	56.0
K13R74J	KC2013	10	12.08260522	40	18	64	+04	08	57.5
K13R74J	KC2013	10	12.09225322	40	17	28	+04	08	59.1
K13R74J	KC2013	10	13.13522	22	37	53.35	+04	12	05.3
K13R74J	KC2013	10	13.13723	22	37	53.07	+04	12	05.5
K13R74J	KC2013	10	13.13924	22	37	52.79	+04	12	06.2
K13S00T	C2013	10	12.12120	23	16	43.31	-35	36	36.1
K13S00T	C2013	10	12.12820	23	16	42.66	-35	36	52.7
K13S00T	C2013	10	12.13504	23	16	41.99	-35	37	09.2
K13S19K	KC2013	10	12.40093204	02	53	39	+50	10	56.1
K13S19K	KC2013	10	12.40460004	02	53	65	+50	10	46.4
K13S19K	KC2013	10	12.40926704	02	53	99	+50	10	34.1
K13S19L	KC2013	10	12.36262	23	16	10.51	-02	07	43.0
K13S19L	KC2013	10	12.36627	23	16	10.82	-02	07	40.2
K13S19L	KC2013	10	12.36992	23	16	11.10	-02	07	38.4
K13S19L	KC2013	10	13.19473	23	17	25.18	-01	58	11.9
K13S19L	KC2013	10	13.19837	23	17	25.46	-01	58	09.3
K13S19L	KC2013	10	13.20202	23	17	25.73	-01	58	07.2
K13S19O	KC2013	10	12.14735700	11	14	74	+27	11	38.7
K13S19O	KC2013	10	12.15434400	11	14	72	+27	11	58.9
K13S19O	KC2013	10	12.16117200	11	14	76	+27	12	18.5
K13S19X	KC2013	10	12.37592	22	38	55.93	+47	01	59.7
K13S19X	KC2013	10	12.37939	22	38	55.19	+47	02	05.3
K13S19X	KC2013	10	12.38287	22	38	54.51	+47	02	11.0
K13S20A	C2013	10	12.06854	23	02	42.24	-00	22	41.3
K13S20A	C2013	10	12.07405	23	02	40.87	-00	22	46.4
K13S20A	C2013	10	12.07957	23	02	39.49	-00	22	51.6
K13S20A	KC2013	10	13.15196	22	58	18.95	-00	39	46.7
K13S20A	KC2013	10	13.15477	22	58	18.22	-00	39	49.5
K13S20C	KC2013	10	12.33680	23	49	06.07	-15	55	24.2
K13S20C	KC2013	10	12.34524	23	49	06.15	-15	55	41.3
K13S20C	KC2013	10	12.35369	23	49	06.22	-15	55	59.8
K13S20C	KC2013	10	13.16139	23	49	19.44	-16	24	23.9
K13S20C	KC2013	10	13.17074	23	49	19.53	-16	24	42.9
K13S20C	KC2013	10	13.18013	23	49	19.60	-16	25	02.6
K13S20L	C2013	10	12.16080	21	42	59.03	-00	23	40.8
K13S20L	C2013	10	12.16315	21	42	55.15	-00	23	42.1
K13S20L	C2013	10	12.16550	21	42	51.29	-00	23	44.0
K13S24R	KC2013	10	12.05247722	04	16	95	+24	06	46.0
K13S24R	KC2013	10	12.05839422	04	17	40	+24	06	53.2
K13S24R	KC2013	10	12.06454722	04	17	84	+24	07	00.2
K13S24V	C2013	10	12.52778	00	12	24.77	+01	19	25.3
K13S24V	C2013	10	12.53025	00	12	24.63	+01	19	37.4
K13S24V	C2013	10	12.53767	00	12	24.15	+01	20	16.5
K13S24W	C2013	10	10.55575	23	55	26.25	+18	50	18.6
K13S24W	C2013	10	10.57564	23	55	28.93	+18	50	23.7
K13S24W	C2013	10	10.59552	23	55	31.56	+18	50	27.7
K13S30L	KC2013	10	12.20204	23	56	29.66	-09	17	55.7
K13S30L	KC2013	10	12.22399	23	56	26.94	-09	17	08.8
K13S30L	C2013	10	12.23336	23	56	25.87	-09	16	47.7
K13S30L	C2013	10	12.24456	23	56	24.52	-09	16	24.1
K13S30L	KC2013	10	12.25147	23	56	23.54	-09	16	10.0
K13S30L	C2013	10	12.25631	23	56	23.07	-09	15	58.5
K13T04D	C2013	10	12.39012	03	04	18.17	+16	19	58.1
K13T04D	C2013	10	12.40784	03	04	18.29	+16	20	26.5
K13T04D	C2013	10	12.42609	03	04	18.44	+16	20	55.5
K13T04P	KC2013	10	12.29113	00	17	52.79	-04	34	04.1
K13T04P	KC2013	10	12.30343	00	17	52.27	-04	34	07.8
K13T04S	C2013	10	12.21017	03	12	25.27	+20	16	44.8

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22.1	RoET094695
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21.0	VuET094807
21.1	VuET094807
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K13T04S	C2013	10	12.22674	03	12	27.00	+20	16	44.0	19.3	RoET094926
K13T04S	C2013	10	12.24084	03	12	28.44	+20	16	43.1	19.3	RoET094926
K13T04S	KC2013	10	12.35297	03	12	39.25	+20	16	30.6	19.8	RqET094H36
K13T04S	KC2013	10	12.36662	03	12	40.63	+20	16	28.9	19.3	RqET094H36
K13T04S	KC2013	10	12.37388	03	12	41.33	+20	16	28.0	19.0	RqET094H36
K13T05Q	C2013	10	12.11598	17	07	08.74	+15	28	56.8	21.1	RoET094926
K13T05Q	C2013	10	12.12449	17	07	10.09	+15	29	02.5	21.8	RoET094926
K13T05Q	C2013	10	12.13471	17	07	11.69	+15	29	09.3	22.0	RoET094926
K13T05R	C2013	10	12.11961	17	25	52.19	+32	38	12.2	19.9	RoET094926
K13T05R	C2013	10	12.13109	17	25	53.74	+32	38	32.1	20.0	RoET094926
K13T05R	C2013	10	12.14645	17	25	55.84	+32	38	57.4	20.0	RoET094926
K13T05T	C2013	10	12.41688	02	07	28.74	+54	01	55.2	20.1	RoET094926
K13T05T	C2013	10	12.41992	02	07	27.10	+54	02	50.3	20.2	RoET094926
K13T05T	C2013	10	12.42298	02	07	25.47	+54	03	43.8	19.9	RoET094926
K13T05T	KC2013	10	12.46617	02	07	03.05	+54	16	30.5	19.8	RoET094291
K13T05T	KC2013	10	12.46706	02	07	02.58	+54	16	46.0	19.7	RoET094291
K13T05T	KC2013	10	12.46796	02	07	02.16	+54	17	01.9	20.4	RoET094291
K13T05X	KC2013	10	12.11903000	28	11.39	+32	23	06.3	21.0	VuET094H21	
K13T05X	KC2013	10	12.12877900	28	10.35	+32	23	43.9	20.9	VuET094H21	
K13T05X	KC2013	10	12.13862400	28	09.35	+32	24	21.7	21.3	VuET094H21	
K13T05X	C2013	10	12.26769	00	27	56.01	+32	32	42.1	20.5	RoET094926
K13T05X	C2013	10	12.27442	00	27	55.25	+32	33	07.5	20.5	RoET094926
K13T05X	C2013	10	12.28245	00	27	54.37	+32	33	38.4	20.3	RoET094926
K13T05Y	C2013	10	12.42982	02	21	56.89	+16	42	41.4	20.9	RoET094926
K13T05Y	C2013	10	12.43315	02	21	58.48	+16	42	37.9	20.9	RoET094926
K13T05Y	C2013	10	12.43650	02	22	00.09	+16	42	34.4	20.9	RoET094926
K13T05Z	C2013	10	12.36718	01	46	15.40	+15	05	42.5	20.4	RoET094926
K13T05Z	C2013	10	12.37277	01	46	16.65	+15	05	23.1	20.4	RoET094926
K13T05Z	C2013	10	12.37836	01	46	17.89	+15	05	03.8	20.5	RoET094926
K13T06A	C2013	10	12.44007	03	04	42.13	-14	59	54.4	20.2	RoET094926
K13T06A	C2013	10	12.44358	03	04	44.37	-15	00	38.7	20.2	RoET094926
K13T06A	C2013	10	12.44707	03	04	46.60	-15	01	22.3	20.3	RoET094926
K13T06B	C2013	10	12.24804	02	48	10.82	+10	07	25.2	18.1	RoET094926
K13T06B	C2013	10	12.24980	02	48	08.83	+10	07	29.9	18.1	RoET094926
K13T06B	C2013	10	12.25153	02	48	06.85	+10	07	34.7	18.0	RoET094926
K13T06C	C2013	10	12.18917	03	34	13.14	+02	09	33.8	19.9	VuET094807
K13T06C	C2013	10	12.19308	03	34	11.85	+02	09	17.3	20.0	VuET094807
K13T06C	C2013	10	12.19698	03	34	10.60	+02	09	00.4	20.1	VuET094807
K13T06C	KC2013	10	12.36491903	33	16.59	+01	55	26.6	20.4	VuET094H21	
K13T06C	KC2013	10	12.37106003	33	14.62	+01	55	00.4	19.6	VuET094H21	
K13T06C	KC2013	10	12.37787503	33	12.41	+01	54	32.1	19.9	VuET094807	
K13T06D	C2013	10	12.18266	01	04	35.07	+30	55	51.4	20.8	RoET094926
K13T06D	C2013	10	12.18722	01	04	33.94	+30	56	15.1	20.7	RoET094926
K13T06D	C2013	10	12.19177	01	04	32.79	+30	56	38.8	20.8	RoET094926
K13T06F	C2013	10	12.30285	00	46	39.37	+12	05	12.9	20.4	RoET094926
K13T06F	C2013	10	12.32008	00	46	37.54	+12	04	15.4	20.7	RoET094926
K13T06G	C2013	10	12.03604	22	58	28.41	+00	21	20.4	20.5	VuET094807
K13T06G	C2013	10	12.04095	22	58	27.56	+00	21	39.4	20.4	VuET094807
K13T06G	C2013	10	12.04535	22	58	26.80	+00	21	56.4	20.5	VuET094807
K13T06G	tC2013	10	12.19865	22	58	10.73	+00	27	16.1	21.1	RoET094926
K13T06G	tC2013	10	12.20541	22	58	09.56	+00	27	42.2	20.7	RoET094926
K13T06G	tC2013	10	12.21339	22	58	08.18	+00	28	12.4	20.7	RoET094926
K13T06J	C2013	10	12.16903	22	43	38.39	+55	24	21.8	20.7	RoET094926
K13T06J	C2013	10	12.17277	22	43	30.89	+55	25	03.9	21.2	RoET094926
K13T12Q	KC2013	10	12.28466	01	48	22.31	+17	56	46.5	21.3	RoET094291
K13T12Q	KC2013	10	12.28813	01	48	21.43	+17	56	46.9	20.9	RoET094291
K13T68W	KC2013	10	12.45639	02	13	35.31	+19	11	57.5	20.6	RoET094291
K13T68W	KC2013	10	12.45898	02	13	34.99	+19	11	59.3	21.2	RoET094291
K13T68W	KC2013	10	12.46158	02	13	34.69	+19	12	00.9	21.2	RoET094291
K13T69H	KC2013	10	12.33150901	50	58.18	+31	51	42.9	20.5	VuET094H21	
K13T69H	KC2013	10	12.33773201	51	01.38	+31	52	08.1	20.3	VuET094H21	
K13T69H	KC2013	10	12.34400801	51	04.61	+31	52	33.3	20.7	VuET094H21	
K13T69L	KC2013	10	12.03992722	21	39.10	+12	43	50.0	19.7	VuET094H21	
K13T69L	KC2013	10	12.04596822	21	40.49	+12	42	54.8	19.8	VuET094H21	
K13T69L	C2013	10	12.13870	22	22	02.26	+12	28	51.2	20.1	RoET094926
K13T69L	C2013	10	12.14105	22	22	02.78	+12	28	29.4	19.8	RoET094926
K13T69L	C2013	10	12.14340	22	22	03.32	+12	28	08.3	19.9	RoET094926
K13T69N	C2013	10	12.09061	23	21	05.35	-08	19	08.2	20.4	VuET094807
K13T69N	C2013	10	12.09662	23	21	05.83	-08	19	26.0	20.5	VuET094807
K13T69N	C2013	10	12.10251	23	21	06.32	-08	19	43.2	20.8	VuET094807
K13T69N	C2013	10	12.21683	23	21	17.97	-08	26	17.5	20.6	RoET094926
K13T69N	C2013	10	12.22355	23	21	18.55	-08	26	37.2	20.4	RoET094926
K13T69N	C2013	10	12.23031	23	21	19.09	-08	26	57.3	20.5	RoET094926
K13T69O	C2013	10	12.28656	00	35	24.98	+12	05	31.7	20.8	RoET094926
K13T69O	C2013	10	12.29100	00	35	27.00	+12	05	50.2	21.0	RoET094926
K13T69O	C2013	10	12.29542	00	35	29.01	+12	06	08.6	21.0	RoET094926
K13T80B	C2013	10	12.17706	01	53	43.44	-12	33	20.8	18.1	VuET094807
K13T80B	C2013	10	12.17880	01	53	43.33	-12	33	20.3	18.3	VuET094807
K13T80B	C2013	10	12.18095	01	53	43.24	-12	33	19.8	18.2	VuET094807
K13T80B	C2013	10	12.18313	01	53	43.12	-12	33	19.5	17.9	VuET094807
K13T80B	C2013	10	12.18485	01	53	43.03	-12	33	19.3	17.9	VuET094807
K13T80B	C2013	10	12.30809201	53	36.88	-12	33	12.1	17.8	VuET094H21	
K13T80B	C2013	10	12.31285601	53	36.64	-12	33	11.4	18.0	VuET094H21	
K13T80B	C2013	10	12.31759801	53	36.40	-12	33	10.3	17.6	VuET094H21	
K13T80B	C2013	10	12.32233401	53	36.16	-12	33	09.3	18.0	VuET094H21	
K13T80B	C2013	10	12.32549001	53	35.99	-12	33	09.0	18.1	VuET094H21	
K13T80B	C2013	10	12.32833001	53	35.85	-12	33	08.5	18.0	VuET094H21	
K13TC7L	KC2013	10	12.36486	02	24	09.95	+10	36	53.0	19.9	RqET094448
K13TC7L	KC2013	10	12.37981	02	24	10.40	+10	38	16.0	18.9	RqET094448
K13TC7L	KC2013	10	12.39581	02	24	10.99	+10	39	42.9	20.0	RqET094448
K13TC7N	KC2013	10	12.10009723	47	47.66	+04	41	51.4	19.3	VuET094H21	
K13TC7N	KC2013	10	12.10267823	47	47.88	+04	40	37.8	19.5	VuET094H21	
K13TC7N	KC2013	10	12.10516423	47	48.09	+04	39	27.2	19.5	VuET094H21	
K13TC7N	KC2013	10	12.10731223	47	48.32	+04	38	26.3	19.6	VuET094H21	
K13TC7N	KC2013	10	12.11012023	47	48.56	+04	37	05.9	19.4	VuET094H21	
03361	C2013	10	10.62272	01	40	10.88	+07	56	48.2	17.1	RqET094D29
03361	C2013	10	10.64260	01	40	08.75	+07	56	21.9	17.3	RqET094D29

03361	C2013	10	10.66249	01	40	06.60	+07	55	55.6	17.4	RqET094D29
03361	C2013	10	11.99212	01	37	53.87	+07	25	13.5	17.4	VqET094D00
03361	C2013	10	12.00310	01	37	52.66	+07	24	57.5	17.5	VqET094D00
03361	C2013	10	12.01403	01	37	51.31	+07	24	42.5	17.3	VqET094D00
03361	C2013	10	12.02502	01	37	50.09	+07	24	27.0	17.3	VqET094D00
03361	C2013	10	12.39451	01	37	12.36	+07	15	43.7	16.6	VqET094G96
03361	C2013	10	12.40155	01	37	11.54	+07	15	33.4	16.6	VqET094G96
03361	C2013	10	12.40857	01	37	10.72	+07	15	23.1	16.7	VqET094G96
03361	C2013	10	12.41562	01	37	09.90	+07	15	12.8	16.7	VqET094G96
03361	C2013	10	12.45954	01	37	04.88	+07	14	08.2	16.7	VqET094G96
03361	C2013	10	12.46021	01	37	04.79	+07	14	07.2	16.7	VqET094G96
03361	C2013	10	12.46088	01	37	04.71	+07	14	06.2	16.7	VqET094G96
03361	C2013	10	12.46155	01	37	04.63	+07	14	05.2	16.7	VqET094G96
03691	C2013	10	12.15255	22	36	29.71	-02	32	08.5	17.5	VqET094G96
03691	C2013	10	12.16083	22	36	29.34	-02	32	06.2	17.5	VqET094G96
03691	C2013	10	12.16906	22	36	28.95	-02	32	04.0	17.5	VqET094G96
03691	C2013	10	12.17727	22	36	28.59	-02	32	01.6	17.5	VqET094G96
03908	2C2013	07	06.24744409	50	53.115+11	15	10.79			21.8	RtET094568
03908	2C2013	07	06.24870509	50	53.247+11	15	10.16			21.5	RtET094568
03908	2C2013	07	06.24952409	50	53.332+11	15	09.72			21.7	RtET094568
05863	C2013	10	12.46354	03	25	07.50	-07	36	28.9	18.1	VqET094703
05863	C2013	10	12.46807	03	25	07.19	-07	36	33.3	18.2	VqET094703
05863	C2013	10	12.47260	03	25	06.88	-07	36	37.5	18.1	VqET094703
05863	C2013	10	12.47709	03	25	06.58	-07	36	41.7	18.3	VqET094703
06239	C2013	10	12.46782	08	32	44.63	+23	11	04.0	21.4	VqET094G96
06239	C2013	10	12.47426	08	32	45.74	+23	11	00.4	21.1	VqET094G96
06239	C2013	10	12.48066	08	32	46.86	+23	10	57.4	21.4	VqET094G96
06239	C2013	10	12.48703	08	32	48.00	+23	10	54.0	21.2	VqET094G96
11398	C2013	10	12.34832	02	17	25.09	-09	51	19.7	19.4	VqET094703
11398	C2013	10	12.35338	02	17	24.82	-09	51	23.1	19.6	VqET094703
11398	C2013	10	12.35848	02	17	24.35	-09	51	26.1	19.6	VqET094703
11398	C2013	10	12.36345	02	17	23.96	-09	51	30.5	19.5	VqET094703
11398	C2013	10	12.39475	02	17	21.68	-09	51	50.4	19.3	VqET094703
11398	C2013	10	12.40103	02	17	21.31	-09	51	53.9	19.0	VqET094703
11398	C2013	10	12.40727	02	17	20.76	-09	51	58.7	19.4	VqET094703
11398	C2013	10	12.41352	02	17	20.29	-09	52	03.4	19.4	VqET094703
39565	KC2013	10	12.06522	21	24	08.00	-07	21	51.6	17.6	RqET094448
39565	KC2013	10	12.07094	21	24	09.30	-07	21	29.6	17.4	RqET094448
39565	KC2013	10	12.07700	21	24	10.69	-07	21	06.1	17.2	RqET094448
D7120	KC2013	10	12.23788901	44	23.72	+21	34	13.6		22.2	VuET094H21
D7120	KC2013	10	12.25238101	44	22.64	+21	34	09.8		22.4	VuET094H21
D7120	KC2013	10	12.26436201	44	21.71	+21	34	06.8		22.2	VuET094H21
G2510	C2013	10	12.08936	22	24	44.72	+25	38	17.6	19.5	VqET094703
G2510	C2013	10	12.09488	22	24	44.05	+25	38	15.7	19.2	VqET094703
G2510	C2013	10	12.10052	22	24	43.37	+25	38	15.2	19.7	VqET094703
G2510	C2013	10	12.10612	22	24	42.72	+25	38	15.2	19.7	VqET094703
G2913	C2013	10	12.48243	03	05	45.15	+02	30	03.6	18.5	VqET094703
G2913	C2013	10	12.48743	03	05	44.82	+02	29	56.0	18.6	VqET094703
G2913	C2013	10	12.49237	03	05	44.53	+02	29	49.1	18.9	VqET094703
G2913	C2013	10	12.49738	03	05	44.20	+02	29	41.7	18.6	VqET094703
G8378	C2013	10	12.18838	00	23	33.01	-00	40	54.4	17.4	VqET094G96
G8378	C2013	10	12.19600	00	23	32.50	-00	40	52.5	17.5	VqET094G96
G8378	C2013	10	12.20361	00	23	32.00	-00	40	50.7	17.6	VqET094G96
G8378	C2013	10	12.21124	00	23	31.48	-00	40	49.2	17.6	VqET094G96
J4126	C2013	10	12.28894	01	16	12.46	-17	12	36.8	18.3	VqET094703
J4126	C2013	10	12.29438	01	16	11.38	-17	12	31.8	18.5	VqET094703
J4126	C2013	10	12.29980	01	16	10.47	-17	12	26.6	18.3	VqET094703
J4126	C2013	10	12.30527	01	16	09.54	-17	12	21.0	18.7	VqET094703
M3456	C2013	10	12.23977	00	20	59.49	-07	55	15.6	20.2	VqET094703
M3456	C2013	10	12.24672	00	20	58.90	-07	55	17.3	19.9	VqET094703
M3456	C2013	10	12.25366	00	20	58.41	-07	55	18.8	19.8	VqET094703
P0620	C2013	09	29.42323	21	14	28.03	+05	33	37.9	17.1	VqET094D95
P0620	C2013	09	29.42753	21	14	27.46	+05	33	25.3	17.4	VqET094D95
P0620	C2013	09	29.43076	21	14	27.06	+05	33	15.8	17.1	VqET094D95
P7838	C2013	10	12.93796	03	06	27.36	+11	36	50.4	19.3	qET094D03
P7838	C2013	10	12.95948	03	06	25.90	+11	36	37.1	19.9	qET094D03
Z0988	C2013	10	12.26708	00	45	49.59	-23	46	43.4	17.6	VqET094703
Z0988	C2013	10	12.27257	00	45	49.07	-23	46	59.1	17.5	VqET094703
Z0988	C2013	10	12.27808	00	45	48.63	-23	47	11.5	17.5	VqET094703
Z0988	C2013	10	12.28359	00	45	48.07	-23	47	27.1	17.6	VqET094703
Z5256	C2013	10	10.48815	23	17	42.54	+15	20	20.9	18.7	RqET094D29
Z5256	C2013	10	10.50803	23	17	42.50	+15	20	00.4	18.9	RqET094D29
Z5256	C2013	10	10.52792	23	17	42.50	+15	19	39.4	18.8	RqET094D29
b1660	C2013	10	12.30865	01	45	37.82	-22	20	27.3	18.7	VqET094703
b1660	C2013	10	12.31362	01	45	37.28	-22	20	26.2	18.7	VqET094703
b1660	C2013	10	12.31860	01	45	36.77	-22	20	24.8	18.8	VqET094703
b1660	C2013	10	12.32368	01	45	36.27	-22	20	24.5	18.8	VqET094703
b3135	C2013	10	12.15620	01	01	07.78	+07	39	52.2	19.7	VoET094691
b3135	C2013	10	12.17387	01	01	05.96	+07	39	34.5	19.6	VoET094691
b3135	C2013	10	12.19500	01	01	03.74	+07	39	13.3	19.5	VoET094691

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