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MPEC 2010-G72: Daily Orbit Update (2010 Apr. 10 UT)

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DAILY ORBIT UPDATE (2010 APR. 10 UT)

Update to MPEC 2010-G52

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

<ftp://cfa-ftp.harvard.edu/pub/MPCORB/>

New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
J81E48E	15.7	0.15	K107N	13.592	185.564	185.935	11.811	0.17057	2.85360	4	X
J93B08G	15.1	0.15	K107N	121.506	243.714	120.633	17.608	0.13655	3.20201	5	W
J93F09O	16.5	0.15	K107N	9.063	160.176	60.310	4.855	0.13541	2.61213	6	X
J93O09U	15.6	0.15	K107N	283.805	215.090	116.087	8.788	0.16715	2.68854	5	X
J93P01R	16.3	0.15	K107N	293.527	175.347	148.183	13.727	0.08313	2.70193	6	X
J94E05A	15.6	0.15	K107N	171.283	202.019	167.414	13.815	0.06431	3.06874	6	X
J94P35Y	15.9	0.15	K107N	151.986	174.966	158.698	8.683	0.22573	2.78391	6	W
J94W07G	16.1	0.15	K107N	179.311	237.756	190.081	9.690	0.03535	2.69250	6	X
J95D08G	17.2	0.15	K107N	8.504	86.929	143.448	1.641	0.14177	2.39076	8	X
J95F03P	16.2	0.15	K107N	334.600	152.226	28.085	5.460	0.11251	3.00334	6	W
J95F15G	18.5	0.15	K107N	24.749	120.747	97.400	3.308	0.15131	2.39893	3	X
J95H02Q	17.2	0.15	K107N	332.462	221.903	61.328	7.076	0.12025	2.40836	6	X
J95S07V	16.6	0.15	K107N	214.468	149.139	194.447	0.949	0.11263	2.58329	6	X
J95S51P	17.7	0.15	K107N	200.720	0.961	9.174	3.116	0.04625	2.59712	6	X
J95U14D	15.5	0.15	K107N	344.708	66.129	204.674	10.868	0.20916	3.09978	4	X
J95U40V	16.1	0.15	K107N	224.795	180.128	199.978	8.766	0.15430	3.14793	5	X
J96A07N	18.0	0.15	K107N	340.567	116.817	75.707	3.030	0.10811	2.31820	7	W
J96B09X	16.9	0.15	K107N	237.554	142.644	193.238	5.810	0.04687	2.72448	6	X
J96E05T	15.9	0.15	K107N	339.042	252.193	356.111	10.719	0.19582	2.78211	6	X
J96G09A	17.7	0.15	K107N	322.513	216.220	73.024	3.631	0.16765	2.29813	4	X
J96P01M	15.5	0.15	K107N	175.746	225.155	93.267	5.094	0.15866	3.13677	6	W
J96T09K	15.5	0.15	K107N	245.508	320.305	50.569	14.434	0.18004	2.98902	6	W
J96T51X	16.3	0.15	K107N	315.548	356.176	353.382	8.655	0.21818	2.85016	5	W
J96X06O	16.1	0.15	K107N	127.920	77.491	359.050	6.506	0.08265	2.52337	8	X
J97A03Q	16.1	0.15	K107N	118.590	253.469	113.252	12.321	0.20310	2.68036	5	W

J97C11T	17.2	0.15	K107N	358.482	125.474	108.561	2.299	0.17274	2.58662	5 X
J97K02N	17.2	0.15	K107N	300.969	101.856	171.227	3.470	0.16142	2.73961	5 X
J97S13Z	16.5	0.15	K107N	270.246	300.144	346.958	6.738	0.10325	2.95080	5 X
J97U00A	16.7	0.15	K107N	123.657	353.811	17.754	15.460	0.17837	2.44846	4 W
J98B05J	17.2	0.15	K107N	354.075	134.404	114.831	2.019	0.18376	2.45049	5 X
J98F14L	16.5	0.15	K107N	351.844	223.413	328.571	4.515	0.21529	2.57102	5 X
J98HB8R	15.5	0.15	K107N	333.945	79.695	120.229	12.334	0.20936	2.60973	5 W
J98M23H	16.2	0.15	K107N	11.429	296.054	293.939	4.033	0.17545	2.59114	6 W
J98R29S	15.9	0.15	K107N	191.266	14.145	0.696	9.000	0.26723	2.76897	5 X
J98R62M	17.2	0.15	K107N	264.710	330.375	4.430	5.046	0.21143	2.17411	5 X
J98S30V	17.1	0.15	K107N	93.086	254.583	154.441	3.183	0.18795	2.32605	5 W
J98SC5Q	17.0	0.15	K107N	285.644	206.861	130.773	3.129	0.32076	2.64555	4 X
J98SF5N	16.7	0.15	K107N	301.160	199.481	117.262	4.023	0.25777	2.64211	6 X
J98SG0C	16.9	0.15	K107N	120.259	281.683	100.401	4.058	0.17377	2.31403	5 W
J98SG3B	17.0	0.15	K107N	328.776	293.500	18.982	7.152	0.41919	2.58926	6 X
J98SG8V	17.1	0.15	K107N	224.180	357.891	24.137	5.923	0.18511	2.18206	6 X
J98U07R	15.1	0.15	K107N	96.324	179.151	207.507	10.081	0.22162	3.01725	5 X
J98U12D	17.3	0.15	K107N	225.062	157.479	200.647	5.435	0.21255	2.21871	4 X
J98U19T	16.3	0.15	K107N	335.213	303.907	38.626	13.427	0.34971	2.55773	5 W
J98U23V	16.0	0.15	K107N	276.909	293.276	44.896	14.765	0.23778	2.67445	5 X
J98U47Q	16.6	0.15	K107N	305.502	319.176	37.069	14.818	0.15614	2.61849	7 W
J98V10L	16.0	0.15	K107N	283.235	146.682	207.683	12.897	0.28564	2.64416	6 X
J98W02B	21.8	0.15	K107N	53.261	78.602	52.363	2.385	0.58677	1.97578	2 X
J99B30D	17.3	0.15	K107N	326.577	193.907	109.228	4.776	0.15262	2.24585	6 X
J99E10D	15.3	0.15	K107N	262.211	128.982	170.546	21.024	0.14763	3.12946	3 X
J99F15Z	17.7	0.15	K107N	12.143	201.190	359.086	0.807	0.13426	2.38208	4 X
J99F17G	16.5	0.15	K107N	359.827	54.848	154.814	0.408	0.11419	3.15124	5 X
J99F70G	18.8	0.15	K107N	49.043	332.446	187.828	2.496	0.14550	2.37527	3 X
J99F87F	16.0	0.15	K107N	36.069	349.206	184.651	6.224	0.28210	3.08445	4 X
J99F87V	17.8	0.15	K107N	346.358	321.822	268.194	0.503	0.12990	2.38824	5 X
J99H01W	19.8	0.15	K107N	36.423	136.382	37.905	23.712	0.45642	2.37766	2 X
J99J85K	15.3	0.15	K107N	1.759	113.177	121.322	6.084	0.18575	3.14464	5 X
J99JC6S	15.0	0.15	K107N	19.004	123.150	72.926	14.964	0.23489	3.16987	3 X
J99P03H	15.9	0.15	K107N	127.973	64.857	286.654	6.048	0.28785	2.75943	4 W
J99R09H	16.2	0.15	K107N	326.924	125.998	157.059	2.239	0.16266	3.34129	6 X
J99R77R	17.0	0.15	K107N	295.282	178.149	157.799	2.641	0.23034	2.46378	7 X
J99S02K	16.3	0.15	K107N	31.086	232.500	356.514	4.720	0.45100	2.41487	5 W
J99T10A	18.0	0.15	K107N	355.606	84.740	214.720	20.843	0.24155	1.50571	4 X
J99T32D	15.8	0.15	K107N	119.483	160.106	207.653	7.773	0.20131	2.79725	4 W
J99T49B	16.1	0.15	K107N	49.106	136.748	21.367	13.550	0.13086	2.64099	2 X
J99T72N	16.1	0.15	K107N	356.241	201.269	54.220	14.655	0.13831	2.57938	5 X
J99TF0D	16.6	0.15	K107N	200.382	185.853	183.140	13.174	0.17767	2.62480	4 X
J99TL8F	16.8	0.15	K107N	233.251	339.720	11.710	6.580	0.27056	2.58001	4 X
J99TM2M	16.4	0.15	K107N	154.969	38.928	6.904	11.274	0.18237	2.66673	3 X
J99TQ4V	14.0	0.15	K107N	344.562	26.213	280.293	22.469	0.22596	3.19250	9 W
J99TV0E	17.4	0.15	K107N	115.991	157.076	293.091	1.762	0.05232	2.65802	4 X
J99U07P	15.9	0.15	K107N	38.656	154.393	22.879	34.056	0.17955	2.62725	3 X
J99U30E	16.7	0.15	K107N	140.883	254.850	190.250	6.950	0.17871	2.62597	5 X
J99U47R	15.8	0.15	K107N	71.496	159.318	240.827	7.701	0.32676	2.86314	3 W
J99V99X	17.1	0.15	K107N	203.599	160.053	207.859	2.680	0.15308	2.64675	7 X
J99VA2U	16.9	0.15	K107N	47.791	226.202	227.710	7.291	0.18808	2.84900	4 W
J99VF2G	16.1	0.15	K107N	165.409	11.438	58.572	12.793	0.16106	2.63647	4 X
J99VH2Q	15.4	0.15	K107N	137.835	282.223	63.127	14.151	0.24887	2.84903	4 W
J99VL2D	16.5	0.15	K107N	96.220	285.124	235.850	11.173	0.23194	2.64363	6 W
J99W11R	17.6	0.15	K107N	244.275	320.004	30.961	14.795	0.17631	2.56121	3 X
J99XL8R	16.6	0.15	K107N	226.736	258.350	112.142	7.509	0.02770	2.71402	7 X
J99XQ2X	17.7	0.15	K107N	226.229	102.584	334.733	8.231	0.18192	1.53280	5 W
K00B11W	16.7	0.15	K107N	130.849	114.856	300.992	7.945	0.15108	2.81159	4 W

K00B31M	16.3	0.15	K107N	137.942	315.951	113.994	4.684	0.23516	2.75367	4	X
K00D51F	17.2	0.15	K107N	339.467	196.672	357.839	2.965	0.10427	2.27820	5	W
K00E74M	17.3	0.15	K107N	345.313	205.163	57.932	5.834	0.13641	2.22608	5	X
K00EF2O	17.5	0.15	K107N	39.541	33.123	170.868	4.149	0.10135	2.19213	5	X
K00EI4Z	16.4	0.15	K107N	336.328	80.595	112.249	8.382	0.22072	3.03086	4	W
K00EJ6J	15.3	0.15	K107N	338.500	170.458	359.738	12.071	0.02831	3.06423	5	W
K00F06R	17.4	0.15	K107N	2.256	25.625	199.946	5.529	0.10714	2.23873	4	X
K00F06Z	17.9	0.15	K107N	345.260	345.692	203.446	4.529	0.11474	2.30362	5	W
K00F18E	14.8	0.15	K107N	306.013	76.820	137.970	13.859	0.17238	3.08437	5	W
K00G15T	18.1	0.15	K107N	16.810	339.274	234.226	0.545	0.19477	2.23317	7	X
K00G82S	17.2	0.15	K107N	149.816	27.361	20.356	22.898	0.06675	1.87255	4	X
K00GF3H	17.3	0.15	K107N	308.440	255.158	339.369	5.448	0.20069	2.31409	5	W
K00GI0X	17.3	0.15	K107N	315.541	255.809	30.008	6.001	0.12361	2.24538	5	X
K00J05A	18.2	0.15	K107N	318.666	87.285	181.236	1.633	0.15988	2.27311	6	X
K00J11Y	17.0	0.15	K107N	353.163	46.283	214.955	5.310	0.18738	2.22626	5	X
K00J16S	15.9	0.15	K107N	355.960	316.430	233.702	22.866	0.18858	2.29302	4	W
K00K34P	17.2	0.15	K107N	348.640	163.858	99.075	6.528	0.11968	2.24912	6	X
K00O01L	17.5	0.15	K107N	23.237	12.811	183.673	6.869	0.26020	2.31747	3	X
K00P09B	16.3	0.15	K107N	150.389	304.299	32.321	12.725	0.30338	2.54397	5	W
K00Q34E	16.9	0.15	K107N	259.403	226.866	143.925	14.017	0.24268	2.32657	4	X
K00Q39S	17.2	0.15	K107N	251.473	197.507	153.913	3.041	0.25560	2.36005	5	X
K00Q44Y	16.9	0.15	K107N	196.550	241.368	142.689	3.518	0.33250	2.42921	4	X
K00Q81N	17.0	0.15	K107N	231.571	5.556	345.063	2.209	0.20670	2.40030	5	X
K00Q81R	17.2	0.15	K107N	295.503	135.477	176.189	6.069	0.11659	2.34524	6	X
K00QH5Z	15.6	0.15	K107N	92.326	231.650	173.559	13.197	0.12496	2.56669	7	W
K00QI8F	16.4	0.15	K107N	210.839	314.611	68.073	5.302	0.20095	2.39268	4	X
K00QN0C	16.7	0.15	K107N	251.526	309.021	41.180	5.064	0.27222	2.37754	6	X
K00R17A	15.3	0.15	K107N	294.965	131.814	204.393	12.421	0.29707	3.09925	5	X
K00R39E	17.4	0.15	K107N	231.453	61.858	312.614	1.174	0.24829	2.39283	3	X
K00R69M	16.6	0.15	K107N	261.817	334.105	17.578	5.797	0.20043	2.36269	9	X
K00R80V	16.1	0.15	K107N	143.273	8.288	343.149	18.048	0.19765	2.57739	4	W
K00S05F	16.7	0.15	K107N	295.573	154.989	189.942	24.540	0.25350	2.30315	4	X
K00S19O	16.0	0.15	K107N	98.676	164.310	229.719	11.244	0.18411	2.61592	5	W
K00S31J	17.1	0.15	K107N	126.379	234.411	184.841	7.601	0.26168	2.52123	7	X
K00S31P	16.6	0.15	K107N	235.584	153.524	195.951	6.078	0.13173	2.40535	6	X
K00S47H	16.7	0.15	K107N	122.886	81.139	328.459	17.616	0.09393	1.99565	3	X
K00S49T	12.8	0.15	K107N	313.641	146.351	191.653	27.739	0.14127	5.17067	5	W
K00S54O	17.5	0.15	K107N	297.930	150.782	185.691	6.491	0.22501	2.31697	4	X
K00S63T	16.6	0.15	K107N	249.578	138.233	201.674	3.418	0.21158	2.39747	4	X
K00S87P	16.1	0.15	K107N	330.999	230.091	58.652	9.584	0.20463	2.35009	4	X
K00SA6J	17.2	0.15	K107N	232.065	41.187	308.774	0.368	0.20627	2.42010	4	X
K00SC5U	17.1	0.15	K107N	276.050	295.245	27.755	2.223	0.25361	2.37329	7	X
K00SL4K	17.7	0.15	K107N	269.806	356.853	350.661	0.789	0.20185	2.35332	4	X
K00SL6S	16.4	0.15	K107N	262.093	286.624	75.010	7.430	0.14685	2.36639	5	X
K00SM8O	17.0	0.15	K107N	250.808	315.486	7.111	1.470	0.19151	2.43279	5	X
K00SO8R	17.1	0.15	K107N	225.298	253.321	118.764	3.548	0.20478	2.40021	5	X
K00SP4V	17.5	0.15	K107N	226.609	344.280	34.468	2.704	0.18588	2.39242	6	X
K00SQ4Y	16.1	0.15	K107N	311.971	246.151	38.234	7.293	0.11070	2.38650	4	X
K00SQ9K	16.3	0.15	K107N	114.984	229.577	134.782	5.298	0.27661	2.64250	5	W
K00SR1R	16.3	0.15	K107N	263.735	200.360	162.502	6.794	0.14347	2.37598	5	X
K00SU9S	15.2	0.15	K107N	290.259	178.522	182.186	27.440	0.09699	3.11707	5	W
K00SX4A	15.3	0.15	K107N	265.904	290.829	36.835	8.764	0.19842	3.23182	6	X
K00SZ2D	14.8	0.15	K107N	258.538	312.804	47.320	19.192	0.24739	3.18783	5	X
K00T29O	16.0	0.15	K107N	83.968	34.452	351.504	8.373	0.35503	2.69074	3	W
K00T40C	15.3	0.15	K107N	273.716	302.762	26.542	14.301	0.27288	3.18543	4	X
K00U17W	16.1	0.15	K107N	166.782	244.230	166.742	7.262	0.14359	2.48755	7	X
K00U57B	17.3	0.15	K107N	150.591	33.566	14.512	5.314	0.21983	2.51437	6	X
K00U84W	16.5	0.15	K107N	214.479	254.217	126.905	3.439	0.18034	2.43125	5	X

K00UA9N	15.9	0.15	K107N	86.994	184.643	203.738	13.129	0.29341	2.69063	4	W
K00UB1W	15.7	0.15	K107N	343.193	261.619	55.336	15.087	0.27888	3.09298	4	W
K00UB4U	14.8	0.15	K107N	343.134	275.608	34.455	19.345	0.15323	3.14189	4	W
K00V44M	16.5	0.15	K107N	208.245	144.638	220.775	1.677	0.21535	2.47001	4	X
K00W66H	15.5	0.15	K107N	127.663	297.815	57.673	24.068	0.28161	2.64888	4	W
K00W79J	16.5	0.15	K107N	234.549	189.187	169.475	5.020	0.20716	2.44200	6	X
K00W79V	16.4	0.15	K107N	97.132	126.230	261.800	5.020	0.21373	2.67681	5	W
K00WF1D	16.4	0.15	K107N	116.893	51.238	70.560	24.684	0.09567	1.99906	4	X
K00WG2L	16.4	0.15	K107N	308.421	231.387	84.197	11.749	0.25075	2.36908	4	X
K00WG5B	14.5	0.15	K107N	19.099	42.661	101.523	15.551	0.44996	2.72193	6	X
K00WG7H	17.0	0.15	K107N	117.599	232.085	195.361	5.476	0.25065	2.57012	4	X
K00WH7L	15.6	0.15	K107N	232.990	153.325	170.746	2.615	0.12456	2.51467	6	X
K00X16U	14.8	0.15	K107N	310.493	82.067	280.413	14.613	0.27049	3.13615	3	W
K00X47C	15.9	0.15	K107N	146.621	38.938	9.532	28.657	0.23608	2.56399	5	X
K00Y23H	16.2	0.15	K107N	49.588	106.792	105.812	13.723	0.25250	2.54337	4	W
K00Y54Z	15.7	0.15	K107N	69.665	115.501	293.644	6.909	0.30545	2.74936	3	W
K01A05E	15.3	0.15	K107N	186.138	248.869	149.085	5.331	0.23849	2.53197	5	X
K01A11V	16.1	0.15	K107N	152.776	271.040	148.363	5.078	0.24422	2.56086	5	X
K01A41A	15.7	0.15	K107N	145.438	254.124	164.548	5.277	0.22219	2.57469	4	X
K01B07G	16.1	0.15	K107N	76.941	91.953	321.572	8.122	0.21508	2.74986	4	W
K01B27M	16.3	0.15	K107N	125.000	315.068	135.869	7.743	0.20765	2.58881	3	X
K01B43Q	15.9	0.15	K107N	95.593	236.777	288.817	10.997	0.18806	2.56015	5	W
K01B57T	16.1	0.15	K107N	81.354	264.063	266.906	10.238	0.24454	2.58683	5	W
K01C12S	16.5	0.15	K107N	153.496	350.754	86.844	4.375	0.20279	2.55898	5	X
K01C19E	15.8	0.15	K107N	111.404	351.019	169.660	3.498	0.11898	2.51801	10	W
K01C47X	15.6	0.15	K107N	44.026	123.898	330.314	6.497	0.27706	2.74921	3	W
K01D25M	16.2	0.15	K107N	116.476	334.301	134.483	8.122	0.11994	2.61126	6	X
K01D31D	15.7	0.15	K107N	45.173	30.210	143.160	9.522	0.23853	2.67689	4	X
K01D35P	16.6	0.15	K107N	23.664	172.439	324.348	7.417	0.14784	2.75880	4	X
K01D39U	15.8	0.15	K107N	8.198	22.988	139.914	10.405	0.14828	2.75579	5	X
K01D49W	15.5	0.15	K107N	85.469	94.580	21.792	11.399	0.12908	2.65521	4	X
K01D87B	17.2	0.15	K107N	39.557	69.149	136.542	4.128	0.09048	2.59047	7	X
K01DA5S	15.5	0.15	K107N	21.315	190.379	301.713	10.520	0.15027	2.77087	6	W
K01E04E	15.4	0.15	K107N	2.487	97.712	152.283	13.480	0.16506	2.63726	4	X
K01E14P	15.6	0.15	K107N	65.058	40.011	118.235	12.715	0.12982	2.67484	6	X
K01E22V	15.8	0.15	K107N	84.290	99.607	8.268	15.117	0.15084	2.72687	3	X
K01F11N	16.3	0.15	K107N	328.121	175.170	28.785	8.181	0.24151	2.85145	4	W
K01F19F	15.7	0.15	K107N	336.751	85.516	203.064	12.452	0.25217	2.67243	5	X
K01F39O	15.9	0.15	K107N	46.432	8.084	188.691	9.339	0.11728	2.63764	6	X
K01F58G	16.1	0.15	K107N	12.691	269.806	3.188	16.909	0.33259	2.62430	4	W
K01F75S	15.7	0.15	K107N	46.904	7.068	173.692	12.359	0.11439	2.69860	6	X
K01FB1S	16.3	0.15	K107N	4.628	54.671	180.998	12.592	0.13706	2.67883	4	X
K01FB6S	14.7	0.15	K107N	104.586	268.601	187.232	27.001	0.41847	2.61827	5	X
K01FF8U	16.4	0.15	K107N	6.118	51.439	187.340	13.439	0.21157	2.69951	6	X
K01FH9A	15.8	0.15	K107N	57.919	103.300	63.729	13.168	0.11597	2.67873	6	X
K01FH9T	15.5	0.15	K107N	348.621	202.706	39.360	13.918	0.11120	2.69857	4	W
K01FK2K	17.3	0.15	K107N	113.112	290.955	184.544	4.464	0.10456	2.65208	4	X
K01G09H	16.0	0.15	K107N	336.952	191.764	78.348	10.365	0.17970	2.71742	8	W
K01G11V	16.0	0.15	K107N	20.442	181.373	47.366	14.788	0.19671	2.67674	7	X
K01H00C	19.0	0.15	K107N	224.883	28.159	32.634	23.744	0.49928	0.87458	4	X
K01H14Z	16.3	0.15	K107N	80.651	283.203	193.882	24.637	0.16258	2.72420	5	X
K01J10J	15.9	0.15	K107N	28.603	125.987	72.183	10.784	0.18371	2.73868	4	X
K01K67O	16.6	0.15	K107N	343.430	67.277	171.719	2.274	0.15964	2.79934	5	X
K01O38S	17.0	0.15	K107N	339.203	213.053	62.574	6.851	0.15139	2.14179	4	X
K01O51Y	17.9	0.15	K107N	245.288	295.156	61.515	2.083	0.26435	2.19345	3	X
K01O66Y	15.0	0.15	K107N	245.978	326.381	317.433	16.816	0.19923	3.13792	4	X
K01OA3Z	16.6	0.15	K107N	356.302	118.651	141.871	5.152	0.17893	2.12976	6	X
K01P11T	16.1	0.15	K107N	296.422	292.715	83.462	8.906	0.24614	2.80224	8	W

K01P35P	15.0	0.15	K107N	186.726	188.417	169.502	31.485	0.20847	3.18333	4	X
K01Q01H	16.2	0.15	K107N	84.744	247.882	152.192	22.165	0.29837	2.43957	3	W
K01Q15T	16.2	0.15	K107N	261.269	321.936	1.664	5.367	0.21183	2.21079	4	X
K01QF7F	16.8	0.15	K107N	258.680	154.605	180.875	6.366	0.21539	2.20437	4	X
K01QG3X	15.4	0.15	K107N	229.588	178.296	210.138	16.825	0.26350	3.06609	5	X
K01QH2N	15.3	0.15	K107N	185.388	190.565	187.514	12.208	0.14845	3.13003	4	X
K01QL3T	15.0	0.15	K107N	196.064	9.233	335.111	9.888	0.10441	3.20747	3	X
K01QP0N	16.9	0.15	K107N	126.618	306.422	52.502	5.714	0.25460	2.40851	3	W
K01QP3P	16.5	0.15	K107N	349.770	318.818	346.808	7.497	0.20395	2.77481	6	W
K01QQ2Y	15.7	0.15	K107N	141.702	323.048	30.182	9.188	0.23964	2.41438	5	W
K01QT4M	15.7	0.15	K107N	285.585	164.270	158.900	12.697	0.16104	2.91692	5	X
K01R13W	15.6	0.15	K107N	162.921	201.885	177.576	5.326	0.11693	3.23940	5	X
K01R31Z	16.6	0.15	K107N	101.610	173.571	214.727	4.437	0.22650	2.40402	5	W
K01R48V	16.9	0.15	K107N	270.671	295.914	56.649	20.581	0.20909	2.18755	4	X
K01R52F	17.5	0.15	K107N	288.273	104.965	194.393	2.384	0.19791	2.20616	4	X
K01RA0O	16.9	0.15	K107N	163.706	31.442	3.840	7.064	0.26558	2.30132	4	X
K01RA5C	15.4	0.15	K107N	156.254	38.757	347.528	9.356	0.09862	3.21849	5	X
K01RC5D	17.9	0.15	K107N	192.640	17.340	6.555	7.511	0.15270	2.26564	3	X
K01RE9R	17.5	0.15	K107N	251.401	272.149	5.894	2.230	0.14799	2.29794	5	W
K01RF4W	16.0	0.15	K107N	228.859	164.208	185.143	8.041	0.04538	3.11894	6	X
K01S15M	16.0	0.15	K107N	301.359	289.049	4.423	13.830	0.25804	2.97381	4	X
K01S24N	15.6	0.15	K107N	179.888	191.147	186.228	27.921	0.17098	3.22204	4	X
K01S34X	15.2	0.15	K107N	246.933	158.327	185.703	17.038	0.15768	3.08200	6	X
K01S53A	16.5	0.15	K107N	226.525	198.890	175.591	6.783	0.13911	2.24248	7	X
K01S92J	17.2	0.15	K107N	149.980	60.592	340.888	3.562	0.11722	2.30832	3	X
K01S93E	17.4	0.15	K107N	174.560	213.633	186.016	5.410	0.12237	2.27094	4	X
K01S94Q	15.2	0.15	K107N	325.208	237.619	338.419	11.163	0.09852	3.21589	3	X
K01S94V	15.3	0.15	K107N	26.813	208.108	340.144	8.557	0.05844	3.11241	6	X
K01S96C	15.9	0.15	K107N	214.425	187.253	179.093	9.445	0.08991	3.09685	5	X
K01SC3K	17.1	0.15	K107N	201.127	186.052	176.748	23.441	0.18867	2.27025	3	X
K01SD1M	17.2	0.15	K107N	145.026	56.224	352.101	7.317	0.10823	2.31462	3	X
K01SD4Y	15.9	0.15	K107N	228.160	184.226	189.895	8.331	0.05872	3.04510	8	X
K01SG3Y	14.7	0.15	K107N	221.888	178.201	201.897	9.325	0.08642	3.09682	6	X
K01SJ9O	17.3	0.15	K107N	139.651	58.629	10.183	5.761	0.13789	2.29227	5	X
K01SK3B	17.6	0.15	K107N	282.574	128.832	168.540	4.911	0.17985	2.22537	4	X
K01SL0C	16.2	0.15	K107N	217.368	356.916	14.868	7.500	0.13300	3.08868	5	W
K01SL1G	17.8	0.15	K107N	150.286	32.890	17.695	1.067	0.20067	2.31480	4	X
K01SL7X	17.3	0.15	K107N	4.422	62.536	172.603	6.255	0.12556	2.20037	4	X
K01SM0R	15.5	0.15	K107N	182.967	227.666	160.691	5.314	0.15617	3.17925	5	X
K01SM7K	16.2	0.15	K107N	291.856	112.507	182.149	5.912	0.19324	3.05748	5	X
K01SN3F	16.9	0.15	K107N	306.666	235.921	82.852	3.839	0.13100	2.17868	5	X
K01SPOA	15.4	0.15	K107N	304.569	161.116	186.934	11.959	0.06903	2.92678	4	W
K01SQ0O	16.7	0.15	K107N	243.781	153.844	186.518	3.666	0.24206	3.08281	3	X
K01SS5S	18.0	0.15	K107N	124.011	176.885	246.971	0.595	0.16066	2.35756	4	X
K01T10J	16.8	0.15	K107N	295.407	255.928	74.012	5.869	0.20549	2.18703	6	X
K01T28N	17.2	0.15	K107N	207.096	15.663	355.105	4.482	0.22402	2.28448	5	X
K01T34K	15.3	0.15	K107N	343.359	74.089	255.433	13.452	0.33833	2.83577	4	W
K01T54Z	17.0	0.15	K107N	218.939	4.075	0.967	6.564	0.18480	2.25414	4	X
K01T60B	17.3	0.15	K107N	189.645	296.180	84.944	1.047	0.20483	2.29605	4	X
K01T77R	15.0	0.15	K107N	222.589	330.102	53.743	22.160	0.19794	3.12296	4	X
K01T94M	12.6	0.15	K107N	299.150	335.492	15.515	19.741	0.11490	5.14974	4	W
K01TA1W	17.4	0.15	K107N	218.675	353.788	348.684	8.067	0.13704	2.29028	4	X
K01TA8S	17.3	0.15	K107N	270.666	318.204	354.170	5.315	0.18009	2.24321	4	X
K01TB1L	13.1	0.15	K107N	299.604	326.207	30.511	24.246	0.13931	5.18001	4	W
K01TB9D	16.5	0.15	K107N	247.677	331.802	357.355	23.454	0.15464	2.26657	2	X
K01TC2Y	15.8	0.15	K107N	118.735	55.535	31.108	11.056	0.20181	2.37550	4	W
K01TD1G	15.9	0.15	K107N	263.024	221.053	135.833	7.547	0.26554	2.99387	7	X
K01TD4T	16.6	0.15	K107N	39.604	162.138	323.235	9.846	0.05393	2.36836	5	X

K01TF0O	16.5	0.15	K107N	125.475	295.040	73.403	4.190	0.22297	2.42940	3	W
K01TF6K	18.1	0.15	K107N	181.295	32.967	18.721	3.458	0.15206	2.26846	4	X
K01TG2M	15.0	0.15	K107N	272.669	123.177	206.152	10.716	0.05264	3.05825	5	X
K01TI1D	15.1	0.15	K107N	274.748	304.365	14.192	10.947	0.12804	3.10104	3	X
K01TK8Q	18.1	0.15	K107N	200.312	4.279	10.280	2.756	0.16277	2.29179	4	X
K01TN5P	17.5	0.15	K107N	292.073	256.738	84.371	7.511	0.25848	2.17570	3	X
K01TO8Y	15.3	0.15	K107N	337.270	222.567	23.613	11.833	0.05478	3.10333	4	X
K01TP4W	15.7	0.15	K107N	176.063	4.542	55.836	10.671	0.04778	3.11830	3	X
K01U51E	16.9	0.15	K107N	201.060	187.063	188.317	10.581	0.25270	2.30110	4	X
K01U59G	13.4	0.15	K107N	336.282	282.921	30.007	14.433	0.12685	5.12089	4	W
K01U60L	15.2	0.15	K107N	278.948	115.121	208.263	13.460	0.03069	3.05539	5	X
K01U62X	15.5	0.15	K107N	334.226	248.648	27.884	8.946	0.20276	3.01085	7	X
K01U63B	17.2	0.15	K107N	245.190	347.077	22.295	2.571	0.23733	2.22440	4	X
K01U74M	15.4	0.15	K107N	312.528	300.448	47.920	12.142	0.14261	2.90900	6	W
K01U82J	16.6	0.15	K107N	268.351	294.356	56.077	6.820	0.11837	2.22449	4	X
K01U85C	15.9	0.15	K107N	331.620	48.022	192.950	9.452	0.06550	3.16792	5	X
K01UB8S	15.4	0.15	K107N	246.350	162.304	204.826	10.178	0.14307	3.09887	4	X
K01UD1W	17.4	0.15	K107N	199.572	335.677	51.221	6.965	0.22144	2.27932	3	X
K01UD4J	13.0	0.15	K107N	312.744	120.225	217.923	34.441	0.13847	5.20156	3	W
K01UF3B	14.5	0.15	K107N	242.204	289.161	58.777	16.286	0.06466	3.24002	7	X
K01UG1N	16.7	0.15	K107N	291.519	105.263	225.486	3.703	0.25356	2.21045	4	W
K01UH1V	17.4	0.15	K107N	143.853	217.778	219.847	4.091	0.19719	2.33006	4	X
K01UI4P	15.5	0.15	K107N	320.268	243.244	27.047	24.487	0.05005	3.13886	4	W
K01UI4W	12.6	0.15	K107N	347.262	240.313	53.652	17.445	0.07271	5.28503	7	W
K01UJ5D	16.4	0.15	K107N	355.833	239.811	50.801	4.658	0.10429	2.91324	5	W
K01UL3X	15.5	0.15	K107N	141.895	252.402	200.906	10.898	0.08287	3.17538	6	X
K01UM4V	15.1	0.15	K107N	356.382	193.529	31.739	16.724	0.05413	3.14921	5	W
K01UM6Y	15.8	0.15	K107N	52.147	114.811	52.508	10.826	0.08538	3.18366	3	W
K01V15V	16.0	0.15	K107N	95.817	260.720	178.138	21.714	0.27979	2.40996	3	X
K01V28V	17.2	0.15	K107N	146.785	192.108	240.472	2.503	0.20273	2.33819	4	X
K01V59B	16.2	0.15	K107N	33.892	99.685	27.226	8.833	0.22953	2.46605	4	W
K01V68V	16.1	0.15	K107N	244.522	32.648	16.236	17.493	0.12836	2.96852	4	W
K01V68Y	16.3	0.15	K107N	135.481	13.728	1.613	1.720	0.18881	2.41749	6	X
K01V79P	17.1	0.15	K107N	146.742	308.912	115.992	3.377	0.19287	2.34099	4	X
K01V87V	16.0	0.15	K107N	78.112	292.761	128.853	13.680	0.20650	2.45991	3	W
K01VC2R	16.9	0.15	K107N	202.809	333.374	75.035	6.862	0.17051	2.25664	4	X
K01VD2Y	15.9	0.15	K107N	159.846	50.520	283.755	9.607	0.26769	2.44178	3	W
K01W09F	14.6	0.15	K107N	282.563	239.915	75.924	19.345	0.13491	3.16423	8	X
K01W26B	16.7	0.15	K107N	3.284	118.188	54.556	8.653	0.18298	2.42392	4	W
K01W56O	17.4	0.15	K107N	339.074	246.290	30.095	2.998	0.15097	2.23141	10	X
K01W70Y	17.6	0.15	K107N	186.705	321.220	82.588	3.438	0.10473	2.29223	4	X
K01W71P	16.0	0.15	K107N	263.899	116.483	221.341	8.439	0.17130	3.10911	5	X
K01X25V	16.0	0.15	K107N	73.173	86.246	45.987	5.280	0.17584	2.42932	4	X
K01X49W	16.9	0.15	K107N	212.756	324.931	74.858	8.220	0.13262	2.26334	6	X
K01X69T	15.0	0.15	K107N	208.412	320.866	73.989	10.301	0.08975	3.16459	6	X
K01X75E	17.4	0.15	K107N	118.496	299.762	146.137	2.148	0.19611	2.37447	4	X
K01X89A	14.7	0.15	K107N	76.064	312.936	246.940	15.676	0.07117	3.06538	7	W
K01X90Z	15.5	0.15	K107N	302.963	74.895	278.215	5.535	0.14833	2.96225	6	W
K01XB0U	17.7	0.15	K107N	188.464	262.187	132.113	3.001	0.18617	2.30230	5	X
K01XB1A	17.4	0.15	K107N	130.324	0.275	97.291	7.397	0.13971	2.33123	5	X
K01XC2H	17.3	0.15	K107N	49.643	353.311	110.344	1.123	0.15540	2.47155	4	W
K01XE6S	14.6	0.15	K107N	34.337	181.812	266.174	7.597	0.19948	3.93421	3	W
K01XF1C	17.1	0.15	K107N	154.659	330.994	93.978	6.019	0.21025	2.34422	5	X
K01XH0P	14.8	0.15	K107N	41.753	124.833	307.691	7.432	0.28258	3.94974	3	W
K01XL6R	17.0	0.15	K107N	186.077	335.977	81.742	6.229	0.14303	2.30354	4	X
K01XN1N	17.7	0.15	K107N	150.535	53.659	2.423	2.904	0.16835	2.35803	5	X
K01XO0Z	16.0	0.15	K107N	62.031	138.392	297.113	8.334	0.26325	2.53522	4	W
K01Y21O	16.9	0.15	K107N	72.835	297.868	181.616	6.727	0.12976	2.41892	5	X

K01Y22R	16.8	0.15	K107N	171.851	0.856	50.869	6.623	0.08828	2.32355	4 X
K01Y49U	14.2	0.15	K107N	28.717	170.191	285.976	7.574	0.24392	3.95566	5 W
K02A02P	15.6	0.15	K107N	149.113	215.974	203.336	23.514	0.26186	2.37013	5 X
K02A12M	17.3	0.15	K107N	118.117	21.319	87.307	2.670	0.14480	2.38548	4 X
K02A30O	16.9	0.15	K107N	67.076	262.000	173.437	0.571	0.18777	2.52987	4 W
K02A43B	16.8	0.15	K107N	41.105	54.020	135.446	5.678	0.13846	2.39964	6 X
K02A44D	16.6	0.15	K107N	89.480	16.226	134.958	5.150	0.09875	2.36658	5 X
K02A75V	16.8	0.15	K107N	32.130	115.699	81.712	3.472	0.12976	2.39971	6 X
K02AA3Q	17.4	0.15	K107N	85.682	60.750	79.237	3.514	0.15786	2.40791	6 X
K02AB5X	15.8	0.15	K107N	283.783	307.025	295.485	13.627	0.09236	2.53045	6 W
K02AC8B	16.2	0.15	K107N	70.999	285.935	138.617	10.021	0.19377	2.58128	5 W
K02AD3R	16.7	0.15	K107N	106.597	344.729	130.770	5.622	0.17569	2.37775	5 X
K02AG6G	15.8	0.15	K107N	56.242	301.981	143.003	29.083	0.19718	2.57837	4 W
K02AH4Y	15.2	0.15	K107N	176.484	300.741	110.091	8.869	0.06394	3.49375	4 X
K02AI3U	17.6	0.15	K107N	133.354	355.454	79.345	2.539	0.16027	2.38709	4 X
K02AI5T	16.6	0.15	K107N	185.405	348.022	69.729	6.377	0.14556	2.34223	4 X
K02AJ6U	17.4	0.15	K107N	162.178	111.608	284.951	1.211	0.21391	2.39490	4 X
K02AK2C	16.6	0.15	K107N	190.897	253.855	154.170	7.006	0.16113	2.34848	5 X
K02B12V	16.6	0.15	K107N	297.314	186.940	127.183	7.963	0.13325	2.36821	8 W
K02B20U	16.8	0.15	K107N	68.986	276.530	282.137	3.697	0.17935	2.38295	5 W
K02B26X	16.5	0.15	K107N	84.129	326.845	78.517	7.632	0.24141	2.53736	4 W
K02B27J	15.8	0.15	K107N	9.236	31.133	118.952	12.409	0.12158	2.59778	4 W
K02C17K	17.1	0.15	K107N	50.823	85.186	81.945	3.183	0.15027	2.43782	4 X
K02C24P	16.4	0.15	K107N	53.637	350.160	182.623	7.658	0.27326	2.45965	4 X
K02C28H	16.8	0.15	K107N	146.963	23.230	42.352	5.352	0.14717	2.40396	4 X
K02C32T	16.3	0.15	K107N	27.305	110.604	110.600	10.964	0.04923	2.38799	6 X
K02C48O	16.9	0.15	K107N	88.514	228.947	259.361	7.108	0.15543	2.43228	4 X
K02C51X	16.8	0.15	K107N	353.365	220.586	336.594	5.372	0.22852	2.57128	5 X
K02C72B	16.2	0.15	K107N	330.001	245.550	325.393	17.142	0.21111	2.56560	4 W
K02C75D	16.3	0.15	K107N	239.158	146.739	131.791	12.781	0.18185	2.61380	5 W
K02C80S	16.0	0.15	K107N	293.619	262.852	333.965	10.695	0.15374	2.59891	5 W
K02C84P	16.1	0.15	K107N	12.788	85.482	145.986	10.312	0.18980	2.45232	6 X
K02CB1G	16.6	0.15	K107N	55.922	31.146	147.378	7.254	0.07123	2.45646	6 X
K02CD9T	16.0	0.15	K107N	63.850	269.518	162.179	11.726	0.25837	2.56687	7 W
K02CF6B	15.7	0.15	K107N	291.007	231.465	0.632	9.106	0.11421	2.58317	4 W
K02CG4B	16.1	0.15	K107N	56.692	184.418	257.604	6.249	0.28602	2.56478	3 W
K02CH2H	16.4	0.15	K107N	8.174	118.210	113.792	6.160	0.14132	2.44184	5 X
K02CI2U	16.7	0.15	K107N	320.675	79.311	119.969	8.780	0.04981	2.56665	3 W
K02CK7X	15.9	0.15	K107N	331.438	213.012	346.569	9.265	0.14177	2.58784	6 W
K02CK8C	16.9	0.15	K107N	43.577	171.092	17.183	1.544	0.13060	2.44836	4 X
K02CL0F	16.3	0.15	K107N	319.998	73.146	141.002	3.851	0.05261	2.57461	5 X
K02CL5Z	16.1	0.15	K107N	294.271	202.145	106.930	3.953	0.05213	2.42595	6 W
K02CM5P	16.3	0.15	K107N	33.894	63.860	57.100	4.264	0.20419	2.57284	3 W
K02CN2W	16.7	0.15	K107N	71.349	79.886	79.776	7.382	0.07935	2.42526	4 X
K02CO1N	16.9	0.15	K107N	10.247	335.663	170.895	11.865	0.11867	2.60616	4 W
K02CP2B	16.0	0.15	K107N	31.447	45.062	153.725	15.106	0.07123	2.42186	4 X
K02CP4V	16.1	0.15	K107N	319.857	287.574	279.479	10.951	0.10593	2.57896	4 W
K02CQ3D	15.8	0.15	K107N	310.947	166.891	55.087	12.101	0.17335	2.60739	7 W
K02CS1N	15.6	0.15	K107N	306.533	36.092	312.985	9.233	0.12824	3.20941	6 W
K02CT4J	16.4	0.15	K107N	338.986	202.750	355.979	10.763	0.20449	2.55009	4 W
K02CT4K	15.6	0.15	K107N	297.743	137.517	97.772	14.278	0.09679	2.54070	3 X
K02CU5R	17.0	0.15	K107N	135.717	27.226	66.148	4.000	0.14519	2.39098	4 X
K02CV1C	17.0	0.15	K107N	345.530	253.425	6.958	2.627	0.13650	2.44502	4 X
K02D03T	15.6	0.15	K107N	339.511	73.489	133.223	29.582	0.30085	2.61597	5 W
K02D20A	15.2	0.15	K107N	59.206	50.270	39.920	22.668	0.10201	2.61215	4 W
K02E13R	16.7	0.15	K107N	41.370	232.821	0.195	4.696	0.18412	2.39868	7 W
K02E25G	15.9	0.15	K107N	49.916	234.595	220.838	11.629	0.25086	2.57291	4 W
K02E69M	15.2	0.15	K107N	226.967	293.284	352.125	7.204	0.28536	2.75343	5 W

K02E71V	14.6	0.15	K107N	10.674	131.927	354.075	10.953	0.31363	4.27719	4	W
K02E81O	16.5	0.15	K107N	322.597	240.501	321.058	6.689	0.04733	2.61445	5	X
K02EA0A	16.1	0.15	K107N	44.520	252.433	216.118	7.928	0.12276	2.57192	6	W
K02EC0R	17.3	0.15	K107N	155.997	270.334	175.743	5.765	0.07213	2.41250	3	X
K02EC7G	17.2	0.15	K107N	53.757	313.126	150.763	5.049	0.22899	2.55238	4	X
K02EF1G	16.1	0.15	K107N	95.657	250.125	163.480	9.594	0.01342	2.66929	6	W
K02F05Y	15.8	0.15	K107N	352.484	122.441	124.362	13.061	0.11729	2.52968	6	W
K02F27B	17.0	0.15	K107N	24.740	109.580	112.295	10.705	0.18735	2.44355	3	X
K02F34H	15.9	0.15	K107N	4.610	141.450	63.791	9.229	0.11293	2.55152	6	X
K02G05K	17.1	0.15	K107N	84.485	316.592	198.014	23.490	0.10764	1.92320	4	X
K02G10O	16.5	0.15	K107N	34.539	351.079	180.290	12.110	0.17943	2.56660	4	X
K02G12E	16.5	0.15	K107N	356.518	179.238	34.012	13.851	0.26937	2.57337	3	X
K02G41S	13.9	0.15	K107N	344.454	251.180	344.761	10.082	0.14511	3.97261	6	X
K02G47K	15.5	0.15	K107N	316.302	249.133	314.088	12.616	0.05885	2.63239	4	W
K02G61C	16.5	0.15	K107N	160.959	27.815	93.892	3.948	0.08846	2.37540	6	W
K02G71Q	15.7	0.15	K107N	196.094	261.917	47.780	5.817	0.04494	2.70712	5	W
K02GE4Q	16.3	0.15	K107N	357.257	103.551	146.357	10.621	0.19835	2.51995	5	X
K02GG4J	16.2	0.15	K107N	20.205	152.100	50.101	4.093	0.03868	2.53641	6	X
K02GH9F	17.0	0.15	K107N	26.247	153.184	64.370	4.990	0.12148	2.43712	4	X
K02H04F	15.8	0.15	K107N	329.270	190.092	82.094	14.814	0.13363	2.54941	6	X
K02H11H	16.1	0.15	K107N	345.941	117.587	123.266	12.951	0.14035	2.55397	4	X
K02J05L	16.1	0.15	K107N	3.063	189.829	45.260	6.829	0.20696	2.53052	5	W
K02J09T	16.6	0.15	K107N	34.889	156.924	65.816	24.694	0.07485	1.91115	6	X
K02J16B	16.7	0.15	K107N	8.754	198.445	30.888	16.187	0.21930	2.53458	3	X
K02J30Z	16.2	0.15	K107N	24.464	163.459	56.344	12.987	0.10770	2.52667	4	X
K02J31N	15.9	0.15	K107N	15.522	157.970	64.843	15.694	0.08460	2.54231	4	X
K02J51G	15.9	0.15	K107N	0.472	198.659	45.087	14.911	0.14276	2.54381	5	X
K02J60O	16.4	0.15	K107N	333.150	235.515	34.633	11.841	0.17526	2.51454	6	X
K02J94U	16.3	0.15	K107N	319.177	234.128	53.280	12.097	0.12603	2.55945	6	X
K02JA6M	15.4	0.15	K107N	245.573	272.691	7.588	11.446	0.19354	2.74622	6	X
K02JE6K	16.7	0.15	K107N	347.910	322.181	293.864	4.481	0.23674	2.55107	5	X
K02JE9A	16.0	0.15	K107N	27.611	258.932	228.316	10.506	0.14664	2.68839	5	W
K02K00F	15.9	0.15	K107N	6.843	96.362	118.258	11.992	0.21194	2.56319	4	X
K02K05J	15.9	0.15	K107N	306.196	140.149	82.801	10.389	0.15762	2.73796	4	W
K02L03N	15.7	0.15	K107N	326.578	122.359	187.842	15.465	0.35850	2.56841	4	X
K02L07T	17.0	0.15	K107N	274.444	130.341	212.470	20.938	0.06165	1.95684	4	W
K02L09L	15.8	0.15	K107N	301.669	225.513	86.624	14.410	0.16557	2.57860	5	X
K02L22R	16.9	0.15	K107N	355.725	184.835	69.657	11.494	0.18113	2.55260	4	X
K02L29J	15.6	0.15	K107N	322.408	199.288	113.875	14.376	0.25402	2.58372	5	X
K02L32U	15.6	0.15	K107N	20.888	79.973	139.593	15.478	0.07307	2.53264	6	X
K02L45E	16.2	0.15	K107N	318.880	240.176	61.812	12.429	0.12972	2.53787	7	X
K02L46M	14.3	0.15	K107N	112.211	106.507	243.949	24.351	0.33316	3.18896	4	W
K02L47A	16.1	0.15	K107N	342.598	104.460	176.685	16.084	0.18094	2.55342	5	X
K02L50C	15.8	0.15	K107N	353.000	177.896	92.230	13.871	0.23807	2.56599	5	X
K02L60J	16.2	0.15	K107N	355.143	73.186	174.512	11.941	0.15006	2.56795	5	X
K02N10G	16.4	0.15	K107N	323.522	324.494	262.776	4.739	0.33499	2.70493	4	W
K02N41Y	16.1	0.15	K107N	307.561	214.792	98.722	6.064	0.20375	2.63956	4	X
K02N43S	16.3	0.15	K107N	353.970	112.067	156.792	11.316	0.21039	2.54425	4	X
K02N50W	15.8	0.15	K107N	166.071	237.928	87.562	12.819	0.20236	3.04678	4	W
K02N57J	16.4	0.15	K107N	344.708	146.580	113.297	14.090	0.14963	2.62549	7	W
K02N62B	16.5	0.15	K107N	337.681	253.476	353.722	2.108	0.10786	2.67906	6	X
K02N67L	16.4	0.15	K107N	253.683	167.284	172.906	4.900	0.06153	2.71128	5	X
K02N67T	15.9	0.15	K107N	10.749	21.680	221.915	13.012	0.19678	2.61920	6	X
K02O05A	16.0	0.15	K107N	338.378	153.725	151.538	27.078	0.01359	2.57674	5	W
K02O16G	14.7	0.15	K107N	127.161	210.884	141.274	18.969	0.16969	3.10776	5	W
K02O17L	16.6	0.15	K107N	328.530	143.551	153.964	13.761	0.28305	2.61650	4	W
K02O30J	16.9	0.15	K107N	187.241	257.924	151.262	6.751	0.04508	2.74479	5	X
K02P29U	15.6	0.15	K107N	166.450	182.835	144.621	9.188	0.07484	3.07012	4	W

K02P33G	16.2	0.15	K107N	228.515	132.687	235.758	3.975	0.12486	2.72027	4	X
K02P43L	16.7	0.15	K107N	37.697	331.463	280.005	20.411	0.03645	1.94017	6	W
K02P58C	15.3	0.15	K107N	264.111	203.430	164.185	17.964	0.26468	2.71183	5	X
K02P63O	15.6	0.15	K107N	107.427	249.440	116.405	27.082	0.26614	3.21119	3	W
K02P69C	16.3	0.15	K107N	343.084	125.421	171.959	18.869	0.30270	2.58502	5	X
K02P78F	15.6	0.15	K107N	347.263	276.176	347.399	11.640	0.24847	2.62366	5	W
K02PA5Q	16.0	0.15	K107N	334.869	94.451	179.225	12.877	0.15716	2.67740	6	X
K02PC0O	15.2	0.15	K107N	181.956	1.553	309.352	9.506	0.15119	3.08842	4	W
K02PC7T	15.8	0.15	K107N	247.874	232.361	128.059	9.399	0.15321	2.72846	4	X
K02PC8U	15.6	0.15	K107N	276.256	255.564	77.415	10.062	0.17696	2.73050	6	W
K02PE5A	15.4	0.15	K107N	113.652	251.817	127.805	10.195	0.08985	3.07213	3	W
K02PH4C	16.7	0.15	K107N	292.937	94.353	183.564	4.259	0.02508	2.80819	3	X
K02PH4S	15.9	0.15	K107N	74.310	79.134	61.584	5.410	0.01361	2.78721	5	X
K02PH4W	16.1	0.15	K107N	210.992	311.994	64.925	5.763	0.13162	2.78325	6	X
K02PH8O	16.5	0.15	K107N	13.814	353.108	234.285	4.601	0.21318	2.64393	7	X
K02PH9Y	17.0	0.15	K107N	235.476	152.661	186.542	0.145	0.07455	2.79573	7	X
K02PI3H	16.7	0.15	K107N	20.005	191.392	0.083	3.180	0.03349	2.76901	6	X
K02PI4L	15.8	0.15	K107N	132.715	226.870	121.381	15.155	0.15846	3.16900	5	W
K02PI5K	15.7	0.15	K107N	271.451	1.712	235.473	10.170	0.06577	3.01818	5	W
K02PI7G	16.4	0.15	K107N	169.148	1.978	71.909	5.995	0.02052	2.71793	8	X
K02PJ0F	14.9	0.15	K107N	93.286	276.216	114.156	16.980	0.15764	3.16705	5	W
K02PJ2G	15.4	0.15	K107N	308.293	294.538	265.039	11.323	0.04881	2.98424	4	W
K02Q12X	16.8	0.15	K107N	326.335	31.512	301.020	7.954	0.17231	2.57795	7	W
K02Q25L	16.4	0.15	K107N	345.184	104.753	161.500	13.624	0.27034	2.64596	2	W
K02Q33S	15.1	0.15	K107N	95.643	270.593	122.369	6.309	0.13417	3.19264	6	W
K02Q35P	15.8	0.15	K107N	307.209	169.294	147.246	13.959	0.14493	2.67636	5	X
K02Q55D	16.8	0.15	K107N	332.150	229.532	45.869	2.231	0.17273	2.68125	4	W
K02Q70H	16.5	0.15	K107N	248.286	200.886	151.479	7.139	0.03977	2.73659	4	X
K02Q77J	16.0	0.15	K107N	20.296	249.819	317.033	2.882	0.12395	2.72883	6	X
K02Q91O	16.5	0.15	K107N	357.611	48.542	202.930	11.278	0.07583	2.65263	3	X
K02Q96P	16.0	0.15	K107N	8.095	108.103	126.652	15.593	0.11151	2.67228	3	X
K02QA1V	16.3	0.15	K107N	222.568	303.727	55.363	2.888	0.10586	2.83639	6	X
K02QA2N	17.3	0.15	K107N	10.444	281.187	354.843	4.927	0.21705	2.58563	5	W
K02QB2B	15.9	0.15	K107N	105.336	255.834	165.531	14.205	0.17020	3.03968	5	X
K02QC3X	16.6	0.15	K107N	238.089	198.976	151.800	3.974	0.09869	2.76569	4	X
K02QC7K	15.6	0.15	K107N	104.311	266.760	129.812	11.236	0.07798	3.08478	5	X
K02QC7M	16.3	0.15	K107N	194.828	26.853	6.004	4.951	0.03329	2.78495	6	W
K02QD3E	17.3	0.15	K107N	350.518	145.656	162.579	12.198	0.17338	2.56089	3	S
K02R05B	14.7	0.15	K107N	31.023	140.794	324.153	26.327	0.14201	3.20304	4	W
K02R05R	16.0	0.15	K107N	335.521	7.333	317.968	11.345	0.19431	2.60289	4	W
K02R31Q	15.2	0.15	K107N	290.384	146.574	186.077	8.501	0.14623	2.69993	6	X
K02R35Q	15.0	0.15	K107N	198.460	124.008	179.982	16.041	0.09021	3.06169	6	W
K02R35Z	15.7	0.15	K107N	273.334	153.191	194.701	6.922	0.16405	2.70302	5	X
K02R46D	16.0	0.15	K107N	333.064	214.012	109.143	4.115	0.14601	2.60008	7	W
K02R53E	15.1	0.15	K107N	188.319	302.563	6.739	10.812	0.10346	3.09872	3	W
K02R71E	15.0	0.15	K107N	72.226	224.485	192.190	15.629	0.09197	3.20514	4	W
K02RB2M	16.1	0.15	K107N	244.516	144.908	167.145	15.345	0.15030	2.87655	4	X
K02RC7W	15.7	0.15	K107N	11.254	43.584	231.162	10.939	0.15242	2.58516	4	W
K02RE2L	15.1	0.15	K107N	99.368	50.810	338.724	18.137	0.12263	3.22586	6	W
K02RF8C	14.9	0.15	K107N	348.514	336.930	187.863	11.933	0.15275	3.12031	6	W
K02RG5S	17.1	0.15	K107N	344.278	27.773	236.957	1.078	0.27998	2.67161	5	X
K02RG7C	16.0	0.15	K107N	158.546	32.636	357.521	8.367	0.07316	2.97342	3	X
K02RH8P	15.7	0.15	K107N	142.964	4.110	338.181	9.949	0.20656	3.15077	3	W
K02RJ1J	16.4	0.15	K107N	322.521	326.423	24.920	12.994	0.28983	2.57800	7	W
K02RJ3P	16.1	0.15	K107N	163.045	36.478	356.798	7.361	0.20377	2.96690	6	X
K02RJ6O	15.3	0.15	K107N	169.369	88.492	232.231	8.687	0.22292	3.15210	3	W
K02RJ7A	15.2	0.15	K107N	243.840	309.586	25.188	13.441	0.09955	2.84511	5	X
K02RL2J	15.9	0.15	K107N	233.354	276.591	98.357	8.817	0.20416	2.80664	6	X

K02RM7M	16.1	0.15	K107N	180.555	17.856	345.328	5.671	0.17562	2.98437	4	X
K02RM7S	16.2	0.15	K107N	114.973	246.367	192.132	10.452	0.13187	2.99838	3	X
K02RM7X	15.9	0.15	K107N	335.028	181.804	92.617	10.261	0.14376	2.69307	7	X
K02RN1X	15.4	0.15	K107N	154.238	145.821	192.942	10.067	0.12780	3.16768	4	W
K02RO4G	16.4	0.15	K107N	179.249	206.904	161.245	2.276	0.11547	2.93055	8	X
K02RO7V	15.7	0.15	K107N	192.353	304.025	4.186	8.815	0.12823	3.05880	3	W
K02RO8O	16.4	0.15	K107N	164.422	208.151	171.900	2.525	0.13059	2.97369	6	X
K02RP0P	15.9	0.15	K107N	237.717	331.886	4.110	13.682	0.10179	2.83277	4	X
K02RP7Q	17.1	0.15	K107N	192.734	341.317	42.420	2.571	0.08360	2.83767	4	X
K02RP7V	16.6	0.15	K107N	104.897	266.160	165.334	0.700	0.14388	3.02376	5	X
K02RQ5G	15.8	0.15	K107N	71.990	299.771	165.151	9.407	0.07618	3.03172	4	X
K02RQ6G	16.5	0.15	K107N	174.770	294.960	119.017	5.456	0.02580	2.79189	4	X
K02S10A	17.0	0.15	K107N	268.616	163.280	168.023	4.497	0.19783	2.79615	4	X
K02S16N	14.3	0.15	K107N	261.906	271.319	337.366	20.870	0.10641	3.14960	4	W
K02S53H	15.2	0.15	K107N	275.035	220.726	128.310	10.933	0.28987	2.72528	4	X
K02T31Z	14.8	0.15	K107N	68.717	88.396	30.699	26.328	0.25935	3.20266	4	W
K02T67C	14.4	0.15	K107N	153.695	107.964	225.262	21.829	0.15024	3.16760	4	W
K02T76W	17.2	0.15	K107N	121.259	127.060	252.198	2.342	0.17670	2.23105	4	W
K02T86V	15.1	0.15	K107N	12.978	115.548	16.749	16.255	0.05026	3.19353	4	W
K02T87B	16.9	0.15	K107N	316.322	108.327	201.435	7.204	0.32411	2.66934	2	S
K02TA5H	15.9	0.15	K107N	315.304	98.291	211.845	11.755	0.26470	2.65898	4	X
K02TA9J	15.9	0.15	K107N	242.820	319.128	30.508	11.552	0.19210	2.80806	4	X
K02TF8S	15.6	0.15	K107N	132.576	224.039	159.392	16.827	0.24956	3.18086	3	X
K02TH0L	15.9	0.15	K107N	119.354	81.574	332.774	15.395	0.23652	3.13680	3	X
K02TJ9O	15.7	0.15	K107N	323.184	31.466	249.219	12.195	0.14436	2.77003	4	W
K02TL2D	14.9	0.15	K107N	178.301	179.316	133.699	20.787	0.12780	3.21350	7	W
K02TL2X	15.4	0.15	K107N	292.250	270.018	62.720	13.552	0.16137	2.71188	7	X
K02TP1Q	17.2	0.15	K107N	116.489	265.455	124.916	3.404	0.13207	2.23024	4	W
K02TU8X	15.9	0.15	K107N	212.191	174.005	123.661	7.143	0.02957	3.19055	4	X
K02TW3C	16.8	0.15	K107N	226.319	326.514	16.246	2.188	0.04692	2.90374	5	X
K02TW6N	15.8	0.15	K107N	54.986	326.504	181.796	9.875	0.16236	2.98880	5	X
K02TW9D	17.1	0.15	K107N	314.232	205.541	61.798	2.795	0.03154	2.87196	5	X
K02TY2A	17.0	0.15	K107N	22.858	222.591	39.446	13.151	0.12396	2.67568	2	S
K02TY2Q	16.2	0.15	K107N	294.246	181.914	39.614	18.327	0.08492	3.14860	4	W
K02Tc3G	15.6	0.15	K107N	291.666	181.300	50.514	11.872	0.15708	3.09617	4	W
K02U61H	16.0	0.15	K107N	252.326	144.969	213.522	13.475	0.19902	2.73040	4	X
K02V11S	15.4	0.15	K107N	319.933	106.970	241.088	16.172	0.21578	2.67202	4	W
K02V22E	17.8	0.15	K107N	81.754	47.224	15.764	1.486	0.19257	2.26635	4	W
K02V38A	14.9	0.15	K107N	132.480	4.831	58.691	21.710	0.10823	3.06908	6	X
K02V54O	15.7	0.15	K107N	230.480	58.596	359.436	12.302	0.10956	2.76576	5	W
K02V74J	16.0	0.15	K107N	207.405	244.848	151.964	4.368	0.16168	2.89027	5	X
K02V95N	16.1	0.15	K107N	118.450	14.026	79.836	6.903	0.26790	3.09919	4	X
K02VB6Z	16.4	0.15	K107N	351.330	291.289	21.391	12.146	0.28351	2.64092	4	W
K02W01B	17.2	0.15	K107N	92.916	75.317	15.192	7.688	0.33277	2.25977	3	X
K02W01Y	15.1	0.15	K107N	81.876	86.635	66.253	11.782	0.08107	3.02312	5	X
K02W02Z	17.0	0.15	K107N	6.762	48.119	261.436	51.415	0.88433	2.46083	4	W
K02W19T	16.5	0.15	K107N	167.257	196.741	219.215	9.675	0.11005	3.01972	4	X
K02X08B	15.8	0.15	K107N	327.421	272.949	66.364	12.270	0.21781	2.67378	5	W
K02X08U	15.7	0.15	K107N	109.997	34.951	72.615	17.457	0.05999	3.08274	5	W
K02X10R	15.3	0.15	K107N	137.038	359.957	94.572	10.878	0.04300	3.03578	6	X
K02X48O	17.0	0.15	K107N	126.313	275.573	97.604	3.539	0.18829	2.26434	4	W
K02X70O	14.9	0.15	K107N	85.044	47.873	76.954	17.801	0.12172	3.20276	6	W
K02X99F	15.7	0.15	K107N	155.699	337.536	100.390	4.197	0.13425	3.02846	5	X
K02XA8U	15.3	0.15	K107N	317.816	80.809	264.226	10.100	0.20978	2.69706	4	W
K02XC0N	15.3	0.15	K107N	38.282	94.038	87.594	13.458	0.07989	3.11356	4	X
K03A05F	15.6	0.15	K107N	139.204	352.428	101.408	19.416	0.11163	3.12731	4	X
K03A62J	17.4	0.15	K107N	40.910	43.123	77.421	7.089	0.22704	2.32024	3	W
K03B19R	16.5	0.15	K107N	28.666	124.769	81.043	7.566	0.02766	2.21807	6	X

K03B35Q	20.3	0.15	K107N	256.132	223.857	137.059	8.485	0.24498	1.42489	3	X
K03B37H	17.3	0.15	K107N	93.878	346.387	151.768	6.752	0.09138	2.24679	5	X
K03B41A	16.7	0.15	K107N	351.468	111.505	144.212	4.504	0.08547	2.18474	6	X
K03B51T	16.5	0.15	K107N	73.594	146.095	284.465	4.303	0.20004	2.34150	4	W
K03B56Q	17.1	0.15	K107N	6.022	100.530	138.758	5.349	0.13611	2.23142	7	X
K03B63M	14.8	0.15	K107N	103.083	193.448	326.741	16.154	0.11687	3.20777	6	W
K03B71K	16.8	0.15	K107N	16.978	14.009	153.783	5.266	0.16168	2.33659	5	X
K03B74D	15.3	0.15	K107N	107.843	166.265	355.995	14.201	0.05972	3.08684	8	W
K03C01M	14.7	0.15	K107N	136.381	129.129	355.652	27.524	0.25498	3.14905	3	W
K03C17G	16.5	0.15	K107N	326.959	117.509	92.382	5.141	0.18109	2.38505	4	W
K03D02R	17.9	0.15	K107N	119.176	320.795	162.128	2.635	0.05114	2.20822	5	X
K03D11R	17.0	0.15	K107N	155.634	256.201	167.945	3.784	0.11385	2.24122	6	X
K03D17P	17.2	0.15	K107N	344.574	233.507	334.683	2.320	0.19683	2.36001	6	X
K03D19U	17.1	0.15	K107N	46.873	43.949	157.858	5.655	0.10126	2.22079	6	X
K03E16J	15.8	0.15	K107N	356.561	83.407	169.096	21.642	0.41162	2.34856	6	X
K03E18A	16.0	0.15	K107N	136.911	139.602	351.716	10.066	0.17719	3.14636	4	W
K03E27O	17.8	0.15	K107N	16.980	195.910	359.014	4.263	0.09192	2.29935	5	X
K03E27Z	16.6	0.15	K107N	347.748	228.896	33.070	7.506	0.20451	2.28094	4	W
K03E30L	17.6	0.15	K107N	36.951	15.765	179.445	3.344	0.15194	2.26105	3	X
K03E33H	16.7	0.15	K107N	323.452	116.757	161.024	4.982	0.17070	2.28619	6	X
K03E39K	15.9	0.15	K107N	293.668	121.750	118.251	15.578	0.13775	2.40769	5	W
K03E42O	17.3	0.15	K107N	27.524	43.112	155.781	6.886	0.04470	2.26795	2	S
K03F07W	16.2	0.15	K107N	321.003	247.918	42.635	8.742	0.29276	2.30215	5	X
K03F21U	17.8	0.15	K107N	322.269	75.895	171.061	6.923	0.07170	2.34438	5	X
K03F32G	17.2	0.15	K107N	31.136	28.489	169.835	5.539	0.10941	2.28873	5	X
K03F34M	17.4	0.15	K107N	67.464	126.095	11.848	4.856	0.17058	2.30623	6	X
K03F35T	17.8	0.15	K107N	349.367	236.250	1.290	3.201	0.19507	2.32349	3	X
K03F39H	18.4	0.15	K107N	35.710	179.930	350.573	1.992	0.15402	2.32600	2	X
K03F47Y	17.9	0.15	K107N	1.657	217.317	1.480	5.223	0.18118	2.32927	3	X
K03F71L	17.9	0.15	K107N	6.897	180.569	51.622	3.120	0.18260	2.29522	3	X
K03FA0P	17.2	0.15	K107N	25.126	142.108	62.664	5.690	0.09057	2.28962	5	W
K03G26Y	16.7	0.15	K107N	0.253	212.322	24.959	7.749	0.15013	2.27381	4	X
K03G28R	17.7	0.15	K107N	53.517	61.795	131.266	10.103	0.08144	2.26643	4	X
K03G35A	16.8	0.15	K107N	343.818	129.480	136.660	6.049	0.14929	2.29491	6	X
K03G52M	17.6	0.15	K107N	14.694	158.946	53.737	2.753	0.14029	2.31851	4	X
K03G53Y	17.4	0.15	K107N	348.483	69.050	180.087	6.617	0.08636	2.30219	3	X
K03H04J	17.6	0.15	K107N	332.119	264.877	4.407	2.227	0.18230	2.32863	3	X
K03H13D	17.5	0.15	K107N	21.121	127.963	92.267	3.237	0.20859	2.30580	5	X
K03H14K	16.2	0.15	K107N	355.819	40.555	175.124	13.129	0.15442	2.36847	4	X
K03H16F	17.5	0.15	K107N	357.272	148.838	105.499	6.199	0.17747	2.31669	3	X
K03H17S	17.1	0.15	K107N	121.034	64.324	53.432	5.180	0.05355	2.29017	4	X
K03H17V	17.6	0.15	K107N	70.934	59.050	98.515	1.852	0.15806	2.29593	4	X
K03H21H	16.9	0.15	K107N	23.648	135.454	70.772	3.095	0.14247	2.32171	6	X
K03H25J	18.3	0.15	K107N	57.612	103.768	56.451	3.390	0.13722	2.31585	4	X
K03H26R	17.4	0.15	K107N	357.494	158.825	97.553	5.947	0.22946	2.31049	4	X
K03H29N	16.7	0.15	K107N	25.676	175.148	26.878	2.715	0.13423	2.33276	5	X
K03H35U	16.3	0.15	K107N	309.698	168.885	136.436	5.878	0.13477	2.29596	7	X
K03H42M	17.1	0.15	K107N	3.842	131.028	111.614	4.786	0.17853	2.32008	3	S
K03H42S	20.2	0.15	K107N	30.867	192.168	38.309	15.825	0.12125	1.45888	4	X
K03H50T	16.7	0.15	K107N	342.023	128.801	151.624	7.704	0.26531	2.33521	4	X
K03J13Z	15.3	0.15	K107N	324.169	346.442	213.279	14.882	0.05331	2.52858	6	W
K03K18A	17.4	0.15	K107N	354.771	73.249	189.681	5.424	0.19138	2.32871	6	X
K03M00L	18.2	0.15	K107N	355.119	127.596	127.868	6.594	0.19630	2.33547	4	X
K03O02V	17.1	0.15	K107N	348.638	74.959	205.153	9.005	0.27563	2.33490	3	X
K03O04R	16.5	0.15	K107N	222.626	154.384	199.704	3.855	0.26043	2.56157	6	X
K03O10O	15.8	0.15	K107N	276.054	305.077	317.021	10.039	0.19247	2.57931	4	X
K03O12M	16.9	0.15	K107N	336.975	133.642	165.016	13.362	0.25450	2.36794	5	X
K03P02A	16.2	0.15	K107N	207.496	180.796	163.452	7.187	0.23512	2.65391	5	X

K03P09P	17.5	0.15	K107N	337.449	132.140	166.210	15.727	0.18772	1.78194	3	X
K03P11D	16.0	0.15	K107N	325.099	142.431	176.095	23.387	0.26119	2.37744	4	X
K03Q05H	20.1	0.15	K107N	4.239	321.108	299.298	17.612	0.22044	1.26026	2	W
K03Q11Z	16.8	0.15	K107N	315.202	186.508	130.554	3.284	0.22640	2.41011	5	X
K03Q20E	16.7	0.15	K107N	331.229	215.697	127.134	5.679	0.25180	2.34682	6	W
K03Q31K	16.4	0.15	K107N	285.030	107.389	217.681	5.278	0.12486	2.47009	5	X
K03Q33Q	16.2	0.15	K107N	287.187	174.469	154.469	8.322	0.13239	2.44443	6	X
K03Q46N	16.6	0.15	K107N	282.143	189.387	154.063	9.452	0.23700	2.45672	4	X
K03Q54C	15.7	0.15	K107N	212.390	357.181	350.638	13.060	0.29349	2.64594	4	X
K03Q66G	15.7	0.15	K107N	256.614	290.634	336.364	10.792	0.16672	2.68036	5	W
K03Q72Z	17.1	0.15	K107N	244.478	334.094	328.880	18.462	0.05259	1.92860	2	X
K03Q74Y	15.7	0.15	K107N	160.755	211.276	174.395	14.873	0.19402	2.72077	3	X
K03Q87T	16.9	0.15	K107N	332.812	129.240	174.331	5.709	0.23896	2.39761	6	X
K03Q93O	16.7	0.15	K107N	293.084	297.996	30.668	2.944	0.21326	2.43536	5	X
K03Q95X	17.7	0.15	K107N	290.039	112.806	176.979	7.385	0.19024	2.57294	4	X
K03Q99J	16.8	0.15	K107N	341.116	332.596	198.837	11.788	0.01888	2.82871	4	W
K03Q99V	16.5	0.15	K107N	308.225	134.546	179.852	6.401	0.13074	2.42826	6	X
K03QA2C	17.5	0.15	K107N	282.934	195.763	144.460	2.573	0.19943	2.45484	5	X
K03QA3B	18.0	0.15	K107N	193.199	25.381	338.124	19.338	0.04375	1.91250	3	W
K03QB1P	15.2	0.15	K107N	91.264	339.324	37.261	13.350	0.31773	3.06027	4	W
K03R02V	17.3	0.15	K107N	291.761	199.557	137.353	3.123	0.20652	2.43909	6	X
K03R07T	16.4	0.15	K107N	312.828	254.103	59.348	10.375	0.25520	2.42458	4	X
K03R19B	16.4	0.15	K107N	228.173	152.108	183.882	3.909	0.15989	2.64202	6	X
K03R25Q	16.4	0.15	K107N	274.803	110.005	215.724	12.972	0.16889	2.53184	4	W
K03S04R	17.3	0.15	K107N	310.901	232.917	86.139	3.283	0.21927	2.43499	5	X
K03S08R	16.8	0.15	K107N	63.094	340.995	190.700	4.661	0.07926	2.59599	5	X
K03S09P	16.6	0.15	K107N	143.739	36.695	319.584	6.796	0.06277	2.87531	4	W
K03S16C	18.1	0.15	K107N	43.681	36.153	198.334	2.537	0.14136	2.40325	6	W
K03S24G	16.5	0.15	K107N	140.055	212.004	193.176	15.396	0.29879	2.80361	4	X
K03S35B	17.1	0.15	K107N	188.892	27.943	351.444	0.779	0.14740	2.67975	4	X
K03S35Y	15.7	0.15	K107N	133.717	261.476	85.833	6.262	0.22544	2.96807	6	W
K03S39Q	16.5	0.15	K107N	324.478	94.991	220.714	6.384	0.24796	2.41918	6	W
K03S41C	15.8	0.15	K107N	191.958	228.797	189.814	21.408	0.06813	2.58032	4	X
K03S41J	16.2	0.15	K107N	280.622	307.369	8.253	14.205	0.19479	2.55882	5	X
K03S54J	16.0	0.15	K107N	165.324	230.947	192.772	17.409	0.17107	2.62925	4	X
K03S54W	14.9	0.15	K107N	74.102	198.203	219.180	8.903	0.12768	2.96650	4	W
K03S56A	17.0	0.15	K107N	303.829	96.500	217.772	4.307	0.19988	2.46760	5	X
K03S64B	16.4	0.15	K107N	195.296	11.676	23.808	15.007	0.18650	2.62594	3	X
K03S99A	15.8	0.15	K107N	91.013	6.267	17.213	24.850	0.23966	3.08574	4	W
K03SA2C	17.8	0.15	K107N	159.972	243.586	193.860	22.286	0.15138	1.89522	3	X
K03SC1X	16.6	0.15	K107N	193.062	166.965	212.850	3.500	0.09514	2.62239	7	X
K03SD6X	17.8	0.15	K107N	330.158	90.314	188.854	10.933	0.16159	2.46618	5	X
K03SD7P	17.9	0.15	K107N	319.271	276.501	15.577	20.578	0.04381	1.87198	3	S
K03SE9K	15.4	0.15	K107N	96.691	6.262	24.177	7.447	0.17286	3.02132	4	W
K03SG1E	15.6	0.15	K107N	68.027	41.791	11.166	16.523	0.21191	3.09816	2	W
K03SG6M	16.6	0.15	K107N	330.244	210.536	51.181	4.741	0.13914	2.53069	6	X
K03SI6C	16.2	0.15	K107N	187.111	14.274	321.647	5.030	0.02614	2.78175	6	X
K03SJ8O	15.6	0.15	K107N	104.024	137.824	230.207	11.181	0.26117	3.05847	4	W
K03SK3N	16.4	0.15	K107N	60.323	44.854	15.696	3.215	0.30605	3.06826	4	W
K03SK4N	14.6	0.15	K107N	59.742	194.554	223.453	13.202	0.26167	3.19969	5	W
K03SO9W	15.7	0.15	K107N	187.357	184.149	208.423	14.053	0.06428	2.69627	5	X
K03SP3W	17.2	0.15	K107N	120.024	284.662	205.519	20.590	0.06663	1.88568	5	X
K03SP7T	16.0	0.15	K107N	234.018	160.871	172.507	5.944	0.15423	2.65860	4	X
K03SP8J	16.3	0.15	K107N	169.004	196.606	200.653	4.392	0.12374	2.72860	6	X
K03SQ9D	17.3	0.15	K107N	284.996	121.089	195.182	5.280	0.25224	2.53427	3	X
K03ST3U	15.5	0.15	K107N	230.837	330.869	30.276	18.188	0.20200	2.65239	5	X
K03SU5F	15.8	0.15	K107N	276.146	303.131	353.633	13.534	0.14652	2.66020	4	X
K03SW1Z	16.9	0.15	K107N	342.048	200.087	46.768	14.744	0.11537	2.61422	4	X

K03SX2L	17.2	0.15	K107N	236.211	262.695	117.946	5.171	0.15829	2.56022	7 X
K03Sg9G	16.2	0.15	K107N	100.095	55.478	348.951	12.460	0.03412	2.93952	3 W
K03T04A	16.1	0.15	K107N	58.548	304.097	215.134	14.473	0.02671	2.65507	7 X
K03T06P	16.4	0.15	K107N	320.648	249.103	57.918	14.757	0.25303	2.44844	3 X
K03T08D	15.4	0.15	K107N	26.201	237.520	244.290	12.667	0.08223	2.97558	5 W
K03T11K	16.2	0.15	K107N	168.199	34.671	0.480	4.677	0.15384	2.73654	5 X
K03U07D	17.3	0.15	K107N	114.449	86.834	29.898	24.960	0.02592	1.90144	2 S
K03U12L	17.2	0.15	K107N	37.326	274.727	193.270	19.726	0.69970	3.29563	3 X
K03U41E	16.2	0.15	K107N	156.399	212.076	193.558	5.050	0.16149	2.79103	5 X
K03U59N	16.9	0.15	K107N	241.317	353.486	348.958	3.467	0.21960	2.61368	4 X
K03U60J	15.9	0.15	K107N	145.306	77.982	274.981	8.703	0.04496	2.97651	5 W
K03U66F	15.8	0.15	K107N	167.417	341.058	81.120	11.545	0.13513	2.68540	5 X
K03U67T	16.7	0.15	K107N	180.263	14.150	11.935	3.088	0.10208	2.72264	7 X
K03U81Z	14.6	0.15	K107N	49.795	245.173	194.798	26.547	0.22691	3.12594	4 W
K03U86V	15.9	0.15	K107N	255.326	172.870	194.665	11.785	0.12490	2.57287	7 X
K03U88K	15.8	0.15	K107N	169.542	216.809	188.938	15.483	0.14141	2.76315	4 X
K03UB2E	16.0	0.15	K107N	101.157	209.867	158.342	8.755	0.27930	3.08674	7 W
K03UC0U	15.2	0.15	K107N	35.682	102.161	359.148	25.799	0.22810	3.11965	4 W
K03UC1B	16.4	0.15	K107N	129.512	241.363	196.113	13.282	0.05851	2.73917	4 X
K03UC8D	15.6	0.15	K107N	30.119	93.629	15.347	15.792	0.06876	3.04962	4 W
K03UD4B	16.1	0.15	K107N	118.747	86.022	269.552	8.807	0.27155	3.03191	3 W
K03UF4N	17.0	0.15	K107N	268.832	285.080	50.524	7.011	0.27190	2.54003	3 W
K03UG1P	15.4	0.15	K107N	124.554	45.794	36.846	9.542	0.13214	2.79205	5 X
K03UG8A	15.4	0.15	K107N	105.682	339.062	56.357	12.015	0.04268	3.01454	4 W
K03UH4B	16.6	0.15	K107N	243.036	53.850	289.120	1.385	0.25716	2.62168	5 X
K03UH5Z	16.1	0.15	K107N	80.747	331.430	69.283	2.874	0.20365	3.05633	5 W
K03UH8S	16.8	0.15	K107N	131.620	60.891	359.021	3.890	0.05818	2.78934	5 X
K03UH9E	16.1	0.15	K107N	141.684	357.608	60.035	3.413	0.22362	2.79817	5 X
K03UH9L	15.7	0.15	K107N	71.668	288.391	125.006	3.625	0.16911	3.09039	6 W
K03UJ0T	17.1	0.15	K107N	250.600	287.062	62.530	3.963	0.25025	2.59260	5 X
K03UJ8F	16.6	0.15	K107N	234.965	172.044	171.739	3.440	0.16165	2.65771	5 X
K03UL0Y	15.3	0.15	K107N	23.861	84.716	35.715	10.313	0.19303	3.13760	3 W
K03UM2W	15.0	0.15	K107N	104.107	137.862	241.506	26.398	0.20201	3.10657	3 W
K03UM3A	16.9	0.15	K107N	256.864	293.686	43.251	21.695	0.11440	1.91501	5 X
K03UM7W	15.9	0.15	K107N	122.444	352.499	23.635	10.417	0.11198	3.01300	4 X
K03UN0J	16.6	0.15	K107N	189.297	194.341	183.444	7.323	0.14180	2.73644	5 X
K03UO5F	15.4	0.15	K107N	165.117	315.242	18.232	12.257	0.06712	2.98171	4 W
K03UP1D	15.4	0.15	K107N	82.747	17.063	36.103	16.158	0.08601	3.08633	4 W
K03UP7D	15.2	0.15	K107N	21.295	43.647	78.533	6.462	0.19932	3.11967	5 W
K03UR2Q	15.8	0.15	K107N	140.205	261.185	182.789	7.475	0.20291	2.76026	5 X
K03UR4Q	15.7	0.15	K107N	223.504	128.669	232.356	8.233	0.09936	2.66186	5 X
K03UR9D	16.4	0.15	K107N	189.902	320.960	74.672	6.028	0.18161	2.71888	4 X
K03US3L	15.1	0.15	K107N	49.356	66.173	11.993	9.557	0.21966	3.17950	5 W
K03US8L	16.5	0.15	K107N	66.739	123.265	30.122	16.250	0.05425	2.71968	2 W
K03UT9W	16.0	0.15	K107N	134.005	46.995	48.942	22.758	0.05171	2.67124	5 X
K03UW7O	17.7	0.15	K107N	337.320	77.538	202.155	13.747	0.12015	2.45413	3 X
K03V05K	15.3	0.15	K107N	8.636	259.315	243.639	11.917	0.09230	3.07310	7 W
K03W00O	16.2	0.15	K107N	152.040	54.973	69.411	12.393	0.13595	2.62101	5 W
K03W04R	15.2	0.15	K107N	97.711	3.012	25.171	14.189	0.12843	3.10771	4 W
K03W05G	16.3	0.15	K107N	62.669	61.431	2.769	3.820	0.20686	3.13621	3 W
K03W08T	15.9	0.15	K107N	244.662	317.224	24.249	11.855	0.09525	2.69629	7 X
K03W09U	15.8	0.15	K107N	326.604	267.126	25.339	14.928	0.15576	2.58779	5 X
K03W23N	16.0	0.15	K107N	106.270	166.992	206.542	4.761	0.18817	3.11609	4 W
K03W24E	17.3	0.15	K107N	187.451	353.388	65.511	22.642	0.09156	1.91924	3 S
K03W27Q	15.5	0.15	K107N	125.499	348.868	28.194	10.098	0.07506	3.03486	4 X
K03W32F	16.1	0.15	K107N	296.626	274.610	45.997	11.190	0.13950	2.58971	5 X
K03W43Z	15.9	0.15	K107N	68.796	144.247	280.735	10.797	0.06961	3.12255	4 W
K03W46S	15.3	0.15	K107N	54.412	206.049	237.659	9.622	0.05825	3.05894	5 W

K03W46V	16.5	0.15	K107N	210.533	316.428	62.934	7.268	0.04339	2.68331	4	W
K03W59C	15.1	0.15	K107N	353.816	281.548	237.582	11.775	0.13358	3.10306	4	W
K03W63P	15.7	0.15	K107N	260.453	293.177	60.742	5.466	0.16171	2.61240	5	X
K03W68C	15.8	0.15	K107N	114.184	139.951	246.241	14.458	0.03495	3.11174	3	W
K03W69H	15.4	0.15	K107N	22.177	240.983	244.224	15.766	0.11143	3.14310	3	W
K03W80J	16.5	0.15	K107N	213.400	352.547	30.488	6.463	0.05385	2.68824	4	X
K03W94P	16.3	0.15	K107N	128.885	58.186	21.059	4.266	0.02756	2.78707	7	X
K03W95L	16.2	0.15	K107N	224.004	316.930	74.090	8.282	0.20199	2.62748	4	X
K03WB6M	14.9	0.15	K107N	79.110	162.215	253.137	26.179	0.07422	3.14690	3	W
K03WB6P	16.1	0.15	K107N	72.760	27.635	29.115	2.974	0.13173	3.16434	4	W
K03WC7K	16.4	0.15	K107N	102.146	73.184	74.374	22.493	0.05163	1.95263	6	X
K03WD9Q	14.9	0.15	K107N	92.600	298.721	75.665	22.508	0.33954	3.19718	4	W
K03WE5S	15.7	0.15	K107N	32.356	137.538	60.113	6.335	0.20350	2.78755	7	X
K03WF0O	16.2	0.15	K107N	160.225	254.002	162.669	5.026	0.07112	2.78442	4	X
K03WF5O	15.6	0.15	K107N	145.888	230.707	112.294	10.699	0.13691	3.08195	7	W
K03WG1T	15.2	0.15	K107N	80.031	317.700	100.745	12.235	0.05877	3.11296	3	W
K03WH5Z	16.5	0.15	K107N	245.644	243.734	106.872	2.937	0.10270	2.67679	6	X
K03X06T	14.9	0.15	K107N	109.675	279.499	93.265	14.556	0.19206	3.17992	3	W
K03X09W	14.8	0.15	K107N	33.918	130.605	333.995	16.382	0.10422	3.22291	5	W
K03X12K	15.9	0.15	K107N	111.211	66.453	3.683	11.281	0.23352	2.99362	5	X
K03X25O	15.8	0.15	K107N	90.088	286.261	100.566	10.896	0.21663	3.16504	3	W
K03X27W	16.8	0.15	K107N	148.447	30.843	314.448	1.902	0.12390	3.08293	4	W
K03Y32D	15.7	0.15	K107N	69.261	40.862	76.820	9.761	0.31870	3.07176	4	X
K03Y38V	15.6	0.15	K107N	127.134	213.111	139.609	3.248	0.20600	3.10016	5	W
K03Y40B	16.4	0.15	K107N	64.326	67.903	79.481	2.958	0.08137	2.99960	5	X
K03Y47D	15.3	0.15	K107N	59.563	187.110	250.358	7.972	0.07100	3.17515	4	W
K03Y69T	16.5	0.15	K107N	281.712	171.255	154.429	4.524	0.21800	2.59640	6	X
K03Y71P	15.4	0.15	K107N	35.457	44.203	64.847	12.531	0.14009	3.18803	4	S
K03Y82B	15.5	0.15	K107N	48.819	92.341	77.267	5.893	0.18320	3.00470	6	X
K03Y84X	14.8	0.15	K107N	347.721	278.992	260.238	12.196	0.24580	3.15796	6	W
K03YA7E	16.2	0.15	K107N	273.253	246.880	120.450	12.833	0.34209	2.58734	4	X
K03YB2D	16.5	0.15	K107N	256.602	336.856	23.131	5.681	0.30170	2.59686	4	X
K03YE3J	15.0	0.15	K107N	4.783	187.663	322.516	13.151	0.05126	3.17967	5	X
K03YF1P	15.7	0.15	K107N	63.280	90.955	56.915	15.713	0.27163	3.05681	4	X
K03YF4V	14.8	0.15	K107N	52.433	74.085	96.049	18.548	0.21470	3.13582	3	X
K03YH3N	17.0	0.15	K107N	48.194	144.346	353.708	1.279	0.16316	3.00967	6	X
K04A11Z	16.2	0.15	K107N	40.133	206.649	315.790	4.593	0.10651	3.04850	5	S
K04A25C	16.9	0.15	K107N	112.168	357.899	91.211	2.646	0.15186	3.00546	5	X
K04B03Z	15.5	0.15	K107N	28.508	98.349	101.692	10.169	0.08084	2.98894	4	X
K04B46F	15.4	0.15	K107N	72.549	4.909	139.434	11.513	0.08450	3.00088	9	X
K04B62F	15.6	0.15	K107N	3.226	342.354	304.797	15.477	0.21562	2.69084	6	W
K04B62T	16.2	0.15	K107N	134.912	17.726	82.795	3.171	0.03573	2.88664	7	X
K04B69E	15.9	0.15	K107N	44.110	90.131	46.121	13.973	0.25940	3.16206	3	X
K04B70K	15.6	0.15	K107N	27.137	80.581	121.420	10.898	0.02550	2.96534	7	X
K04B75J	16.2	0.15	K107N	73.041	29.196	108.004	7.203	0.21606	3.07050	4	X
K04B81A	15.8	0.15	K107N	55.655	224.244	281.322	6.070	0.04006	3.07556	7	W
K04B86Z	15.0	0.15	K107N	77.969	13.732	109.174	2.327	0.13739	3.13704	6	X
K04B89U	15.0	0.15	K107N	104.116	313.157	155.359	21.372	0.19715	3.04619	3	X
K04B96Q	16.4	0.15	K107N	78.599	3.684	143.523	6.625	0.08587	2.99485	4	X
K04BA9P	15.2	0.15	K107N	56.865	114.632	33.055	10.672	0.18808	3.13738	6	X
K04BB5D	17.1	0.15	K107N	97.698	108.737	347.775	2.221	0.10328	3.07718	3	X
K04BB5S	15.2	0.15	K107N	38.413	137.828	23.089	15.132	0.22100	3.16344	2	X
K04BE3P	18.0	0.15	K107N	58.287	66.028	102.286	4.972	0.15070	3.00879	3	X
K04BF0F	15.8	0.15	K107N	25.797	121.086	76.051	1.360	0.22515	3.07285	5	X
K04BF1H	15.1	0.15	K107N	50.319	7.281	140.338	16.933	0.07055	3.07600	5	X
K04BG2F	14.8	0.15	K107N	0.142	145.596	83.309	18.035	0.14806	3.09755	7	W
K04C43F	15.8	0.15	K107N	90.734	47.063	77.469	5.694	0.19650	3.05746	4	X
K04C45E	15.8	0.15	K107N	233.792	268.677	95.388	10.660	0.06344	2.93009	5	X

K04C58D	15.6	0.15	K107N	29.469	100.417	88.538	14.560	0.23729	3.15966	4 X
K04C65P	15.4	0.15	K107N	73.572	74.280	55.676	8.749	0.20951	3.12485	5 X
K04C97B	16.0	0.15	K107N	74.026	281.434	189.631	9.288	0.20773	3.14418	5 X
K04CA8Z	14.9	0.15	K107N	18.877	50.376	170.297	27.011	0.19735	3.09300	4 X
K04CB4O	14.8	0.15	K107N	61.983	110.018	20.699	26.702	0.21883	3.17054	4 X
K04D18J	16.0	0.15	K107N	64.622	309.210	187.779	16.006	0.15088	3.18302	3 X
K04D62N	15.5	0.15	K107N	57.750	38.111	130.021	11.033	0.03745	3.01508	4 X
K04E05P	15.4	0.15	K107N	50.922	20.895	157.927	10.332	0.04730	3.12495	7 X
K04E09U	18.9	0.15	K107N	14.374	202.389	161.123	28.590	0.50529	0.88040	4 X
K04E52B	15.6	0.15	K107N	289.828	319.665	347.868	13.144	0.06034	3.07343	5 X
K04E54D	15.7	0.15	K107N	346.423	79.810	172.205	11.416	0.10377	3.10228	6 X
K04E59D	15.7	0.15	K107N	12.932	138.302	94.325	7.051	0.08232	3.07548	6 X
K04E65E	14.9	0.15	K107N	337.219	155.409	120.886	18.356	0.17286	3.09269	8 X
K04E65J	14.3	0.15	K107N	120.607	67.115	39.822	22.286	0.05880	3.09452	4 X
K04E80Z	15.8	0.15	K107N	85.564	87.983	27.832	16.431	0.24368	3.15276	4 X
K04E81G	15.2	0.15	K107N	76.877	5.738	144.979	15.489	0.14033	3.12666	5 X
K04EA8X	15.9	0.15	K107N	220.986	193.848	181.573	15.420	0.04382	3.08503	5 X
K04EB2M	15.4	0.15	K107N	339.258	140.042	130.461	12.265	0.16203	3.11221	6 X
K04F13C	14.9	0.15	K107N	38.674	10.657	192.267	27.667	0.10003	3.11588	6 X
K04F23C	15.5	0.15	K107N	339.334	80.512	178.179	9.577	0.06039	3.12699	3 X
K04F29Z	15.4	0.15	K107N	33.387	52.340	153.911	5.835	0.08474	3.11613	5 X
K04F51P	16.2	0.15	K107N	31.058	55.859	150.416	14.594	0.16702	3.09904	5 X
K04F52X	15.0	0.15	K107N	63.823	318.607	207.123	13.493	0.07168	3.18050	5 X
K04F53J	16.7	0.15	K107N	22.517	40.361	171.135	9.433	0.03851	3.02987	6 X
K04F74N	16.0	0.15	K107N	242.693	162.464	185.599	9.797	0.06700	3.14272	5 X
K04F84N	15.6	0.15	K107N	54.549	112.138	52.167	10.600	0.18564	3.13825	4 X
K04FA4G	16.7	0.15	K107N	231.008	339.938	23.700	1.334	0.05629	3.09845	5 X
K04FC9W	15.5	0.15	K107N	23.301	31.343	176.304	18.419	0.19124	3.22563	4 X
K04FF6T	16.5	0.15	K107N	118.521	300.635	169.983	6.454	0.14234	3.08524	5 X
K04G05M	15.4	0.15	K107N	82.553	31.665	160.498	10.912	0.06725	3.04056	6 W
K04G07H	16.1	0.15	K107N	271.506	224.258	97.032	4.389	0.06619	3.11918	4 X
K04G15X	15.4	0.15	K107N	20.293	42.957	182.472	9.467	0.04068	3.17435	4 X
K04G21X	15.2	0.15	K107N	65.397	307.305	205.854	15.694	0.18253	3.14382	4 X
K04G23U	16.7	0.15	K107N	256.747	146.461	135.074	7.649	0.13304	2.23889	5 X
K04G36Z	14.6	0.15	K107N	317.077	93.980	213.644	24.443	0.22140	3.17873	5 X
K04G46U	15.6	0.15	K107N	208.612	190.223	202.601	9.865	0.05225	3.17872	5 X
K04G74P	15.6	0.15	K107N	61.284	107.177	103.070	6.857	0.11402	3.04695	4 W
K04G74R	15.3	0.15	K107N	26.388	172.093	76.362	14.752	0.26317	3.11398	2 S
K04G75S	14.7	0.15	K107N	10.623	298.272	327.645	16.061	0.26414	3.13298	4 W
K04G77O	15.9	0.15	K107N	54.761	45.765	158.309	24.078	0.21204	3.09889	3 W
K04H06S	15.7	0.15	K107N	37.263	2.311	200.478	28.460	0.13794	3.16091	2 X
K04J01V	14.7	0.15	K107N	12.261	6.771	264.927	13.160	0.10306	3.11219	8 W
K04J16Z	15.4	0.15	K107N	11.138	125.136	144.799	6.309	0.15486	3.15878	5 W
K04J54E	15.4	0.15	K107N	340.647	87.848	222.500	16.242	0.11615	3.13609	6 W
K04K10U	15.6	0.15	K107N	50.483	330.279	237.604	11.705	0.25420	3.13830	4 W
K04N22Z	15.8	0.15	K107N	128.418	36.634	314.751	12.154	0.25458	2.64489	3 W
K04N23P	17.3	0.15	K107N	228.955	179.377	184.937	5.475	0.23885	2.29065	6 X
K04N32U	16.3	0.15	K107N	193.203	188.565	168.628	12.693	0.19807	2.40931	4 X
K04O13B	17.1	0.15	K107N	264.841	321.494	357.101	23.796	0.20140	2.28311	2 X
K04P06F	16.7	0.15	K107N	253.262	144.127	174.844	6.796	0.13211	2.30406	5 X
K04P35Y	16.3	0.15	K107N	251.115	179.808	173.955	6.540	0.25061	2.29755	5 X
K04P44X	16.9	0.15	K107N	297.259	289.287	352.167	6.111	0.12355	2.28346	3 X
K04P45D	17.0	0.15	K107N	243.971	328.209	15.227	3.873	0.17559	2.30043	4 X
K04P50E	16.6	0.15	K107N	214.085	354.916	349.157	6.144	0.14981	2.36657	4 X
K04P50N	16.9	0.15	K107N	229.932	358.220	355.405	5.563	0.14823	2.30610	6 X
K04P85N	16.0	0.15	K107N	95.760	255.633	169.812	17.800	0.28242	2.64605	3 X
K04P91J	16.6	0.15	K107N	229.740	208.814	173.584	10.257	0.25574	2.31112	6 X
K04P96G	17.7	0.15	K107N	286.324	76.698	234.061	1.203	0.19549	2.24786	7 X

K04Q26S	17.4	0.15	K107N	337.119	107.197	150.620	2.943	0.11105	2.24742	4	X
K04R17S	16.6	0.15	K107N	141.993	257.001	88.932	4.739	0.22385	2.61699	6	W
K04R40V	17.5	0.15	K107N	121.575	128.696	305.192	0.697	0.16316	2.45233	5	X
K04R55C	15.5	0.15	K107N	185.208	322.450	357.559	26.817	0.09610	2.55510	4	W
K04R57M	16.2	0.15	K107N	74.777	31.387	10.201	12.152	0.31345	2.76542	2	W
K04R60O	17.7	0.15	K107N	303.426	105.327	192.160	2.133	0.18132	2.24867	4	X
K04R60Q	17.3	0.15	K107N	284.771	115.184	202.119	1.558	0.18865	2.25736	7	X
K04R63E	16.9	0.15	K107N	345.832	93.468	176.952	5.080	0.10495	2.22571	7	X
K04R64A	17.4	0.15	K107N	301.955	308.954	352.831	2.668	0.19164	2.24814	4	X
K04R64D	16.6	0.15	K107N	296.733	107.971	176.734	6.607	0.20823	2.29086	5	X
K04R64K	16.4	0.15	K107N	93.936	198.940	195.495	3.532	0.17938	2.67820	5	W
K04R64T	17.3	0.15	K107N	290.258	165.718	176.080	6.899	0.19968	2.20977	6	X
K04R66G	17.6	0.15	K107N	211.117	85.024	281.367	0.468	0.20367	2.37107	4	X
K04R68R	16.8	0.15	K107N	267.945	177.077	161.079	5.507	0.18761	2.27552	5	X
K04R73M	17.4	0.15	K107N	308.449	170.266	159.530	4.963	0.21411	2.19052	4	X
K04R76B	17.3	0.15	K107N	263.465	224.694	139.439	5.498	0.13733	2.24697	4	X
K04R79A	17.1	0.15	K107N	244.164	346.585	343.219	2.678	0.27450	2.35298	7	X
K04RA3P	16.4	0.15	K107N	171.409	345.113	72.540	8.120	0.11012	2.35224	6	X
K04RD6V	18.0	0.15	K107N	274.657	317.845	2.287	2.047	0.13769	2.29242	5	X
K04RF3L	16.1	0.15	K107N	76.954	100.062	318.930	10.804	0.19552	2.66345	5	W
K04RF7C	16.8	0.15	K107N	253.181	184.668	185.730	8.890	0.11129	2.25108	6	X
K04RG2Z	16.0	0.15	K107N	97.928	164.821	215.178	16.751	0.29583	2.74254	4	W
K04RL0K	16.4	0.15	K107N	112.898	135.204	235.463	12.318	0.25679	2.65441	3	W
K04RM4M	17.1	0.15	K107N	221.193	201.257	187.506	6.226	0.21010	2.32559	4	X
K04RO3T	17.3	0.15	K107N	62.093	359.417	158.675	5.107	0.16269	2.36040	4	X
K04RP4Z	16.2	0.15	K107N	106.340	268.995	138.972	15.057	0.10916	2.58381	5	X
K04RR2G	16.9	0.15	K107N	28.902	316.209	167.012	12.780	0.07939	2.56041	6	W
K04RU2X	17.7	0.15	K107N	175.947	19.986	14.371	6.561	0.11452	2.40022	4	X
K04RV3X	16.9	0.15	K107N	154.155	42.652	359.368	5.008	0.10413	2.44789	4	X
K04RW7U	15.8	0.15	K107N	152.082	84.110	267.002	15.608	0.13899	2.62275	3	W
K04RW8K	16.5	0.15	K107N	75.105	81.140	334.966	8.257	0.19063	2.73270	3	W
K04RX7C	16.6	0.15	K107N	251.691	165.417	198.609	6.143	0.12497	2.29366	5	X
K04RX7Y	17.3	0.15	K107N	103.180	82.512	10.287	2.697	0.17126	2.53347	7	X
K04S17C	16.9	0.15	K107N	289.219	237.929	96.030	7.429	0.20492	2.22695	5	X
K04S26K	15.8	0.15	K107N	285.060	279.668	65.572	23.387	0.28134	2.23786	3	X
K04S39N	16.2	0.15	K107N	283.748	281.465	30.751	6.773	0.15250	2.32330	3	X
K04T00E	17.6	0.15	K107N	196.696	352.245	25.750	2.989	0.19488	2.40229	3	X
K04T02R	17.7	0.15	K107N	260.468	324.618	348.415	2.151	0.21260	2.36155	4	X
K04T12Y	17.9	0.15	K107N	203.634	309.346	70.790	3.422	0.21307	2.38527	4	X
K04T19R	16.2	0.15	K107N	75.976	331.575	88.558	5.020	0.17920	2.72365	4	W
K04T32G	17.7	0.15	K107N	154.239	128.694	2.250	6.930	0.04056	2.24843	4	W
K04T44M	17.1	0.15	K107N	18.596	8.821	225.659	3.770	0.08783	2.32485	8	W
K04T55H	17.0	0.15	K107N	139.928	224.041	191.342	4.076	0.22106	2.54028	6	X
K04T65P	16.1	0.15	K107N	91.634	307.938	84.738	10.507	0.22097	2.75156	4	W
K04T67Z	16.8	0.15	K107N	211.566	310.671	91.387	6.926	0.20102	2.33239	3	X
K04T70F	17.3	0.15	K107N	278.374	254.608	91.805	2.965	0.17683	2.26967	6	X
K04T92P	16.9	0.15	K107N	64.248	228.075	212.908	7.783	0.14376	2.70670	2	S
K04T96E	16.3	0.15	K107N	32.553	94.301	26.894	8.177	0.06031	2.65613	4	W
K04TB3N	17.1	0.15	K107N	143.273	16.075	45.561	8.836	0.23266	2.51962	6	X
K04TC8T	17.3	0.15	K107N	216.017	314.808	56.867	2.087	0.19913	2.36599	4	X
K04TD1E	17.4	0.15	K107N	229.641	213.108	140.169	1.345	0.23520	2.37980	6	X
K04TD3T	16.6	0.15	K107N	191.557	0.265	49.530	11.574	0.18595	2.39463	3	X
K04TD8F	15.6	0.15	K107N	64.462	230.481	218.934	21.046	0.03331	2.61039	6	W
K04TE2Y	16.5	0.15	K107N	32.491	183.604	21.880	23.954	0.16966	2.34897	3	S
K04TE4Z	16.4	0.15	K107N	167.883	207.904	217.806	6.681	0.03381	2.41430	7	X
K04TF1F	17.1	0.15	K107N	163.518	193.679	208.459	2.103	0.15410	2.45790	6	X
K04TG1B	17.5	0.15	K107N	210.080	8.834	1.204	1.230	0.19443	2.41172	4	X
K04TG8H	17.2	0.15	K107N	161.101	211.344	191.468	12.319	0.17024	2.46697	4	X

K04TH7O	16.7	0.15	K107N	220.039	157.181	201.274	6.079	0.16182	2.40618	4 X
K04TJ2M	17.2	0.15	K107N	101.068	97.850	27.146	6.753	0.10199	2.40743	4 X
K04TK4O	16.2	0.15	K107N	60.119	37.831	39.647	7.674	0.19538	2.80017	2 W
K04TK7Q	16.5	0.15	K107N	117.241	335.335	49.795	7.901	0.10660	2.73127	2 S
K04TK9R	17.2	0.15	K107N	104.103	257.579	188.199	7.613	0.20958	2.53601	3 X
K04TM0N	15.7	0.15	K107N	153.780	343.165	83.528	12.111	0.22872	2.44905	6 X
K04TN1U	17.2	0.15	K107N	336.987	252.182	8.455	5.876	0.16128	2.33873	5 X
K04TN7S	17.1	0.15	K107N	265.661	296.344	41.622	5.792	0.20553	2.31266	6 X
K04TO7V	15.8	0.15	K107N	137.984	263.880	88.539	13.580	0.28850	2.67280	4 X
K04TQ3H	16.6	0.15	K107N	338.484	163.218	25.745	12.051	0.11470	2.63556	5 W
K04TQ6M	17.7	0.15	K107N	117.505	226.232	217.636	1.782	0.12348	2.52233	5 X
K04TS1J	17.1	0.15	K107N	335.825	251.628	6.092	5.072	0.12706	2.31998	4 X
K04TS3A	16.6	0.15	K107N	246.170	312.665	40.833	5.767	0.26468	2.34490	4 X
K04TT4P	16.9	0.15	K107N	82.144	347.180	59.339	5.419	0.20553	2.77340	2 W
K04TT6R	17.2	0.15	K107N	163.554	9.445	49.318	5.147	0.05128	2.45877	3 X
K04TT9W	15.7	0.15	K107N	203.588	44.898	261.842	10.744	0.18787	2.58489	5 W
K04TW1M	17.4	0.15	K107N	83.358	118.917	345.859	2.983	0.12135	2.61496	4 X
K04TY6P	16.6	0.15	K107N	93.799	16.593	12.187	8.401	0.23006	2.76751	4 W
K04TY9Q	16.7	0.15	K107N	234.711	322.109	57.944	4.584	0.21924	2.32614	6 X
K04Ta7K	17.2	0.15	K107N	190.537	308.666	107.310	4.850	0.14168	2.35674	3 X
K04Ta9A	16.8	0.15	K107N	173.302	208.903	181.888	3.933	0.17467	2.49097	6 X
K04U00G	14.8	0.15	K107N	82.499	121.855	33.432	31.554	0.39833	2.67006	3 W
K04U03B	15.7	0.15	K107N	98.955	273.073	104.344	9.484	0.28723	2.76487	2 W
K04U09Q	19.6	0.15	K107N	252.614	255.574	111.939	6.764	0.24011	2.29341	3 X
K04V06K	16.4	0.15	K107N	160.995	352.622	62.983	8.657	0.11495	2.47933	4 W
K04V12M	16.9	0.15	K107N	155.041	295.354	144.876	3.263	0.14188	2.44126	6 X
K04V15X	16.0	0.15	K107N	81.899	289.019	133.949	9.144	0.16224	2.71603	3 X
K04V24H	16.3	0.15	K107N	137.585	209.060	207.561	3.805	0.23721	2.57350	6 X
K04V26E	16.1	0.15	K107N	75.161	23.178	33.515	9.154	0.17875	2.80296	4 W
K04V36K	16.1	0.15	K107N	91.534	180.541	227.104	4.593	0.06805	2.74957	6 W
K04V57J	16.7	0.15	K107N	128.328	63.283	22.076	5.432	0.21978	2.53489	5 X
K04V66G	17.6	0.15	K107N	143.000	68.404	339.147	1.547	0.09113	2.54217	4 X
K04V70V	15.7	0.15	K107N	155.347	282.262	61.565	13.964	0.09143	2.73520	6 W
K04W00K	15.8	0.15	K107N	58.385	6.757	69.005	11.231	0.20629	2.79908	5 W
K04W09W	16.1	0.15	K107N	227.970	313.650	58.896	24.092	0.30079	2.30747	6 W
K04W10L	15.7	0.15	K107N	99.620	269.687	256.129	11.193	0.13745	2.40683	4 W
K04W12N	15.8	0.15	K107N	69.736	63.020	84.068	13.477	0.18161	2.70446	4 X
K04X06B	16.2	0.15	K107N	100.280	179.371	216.022	9.153	0.15364	2.77362	5 X
K04X07X	15.7	0.15	K107N	181.570	300.177	88.698	15.271	0.07709	2.54551	7 X
K04X10D	17.1	0.15	K107N	120.701	340.752	103.064	8.345	0.30356	2.61633	3 X
K04X15L	16.6	0.15	K107N	105.459	155.171	299.846	1.447	0.11122	2.61256	5 X
K04X28X	15.7	0.15	K107N	101.312	20.004	102.342	8.583	0.13809	2.59241	5 X
K04X35L	19.5	0.15	K107N	203.042	356.114	73.798	27.299	0.27842	1.35539	3 X
K04X78L	16.6	0.15	K107N	129.970	345.168	99.112	4.824	0.17079	2.55705	5 W
K04X80F	15.5	0.15	K107N	49.109	69.591	107.643	14.429	0.04139	2.62682	4 W
K04X86M	16.4	0.15	K107N	44.919	345.713	121.087	3.798	0.15597	2.90453	4 X
K04X87V	15.5	0.15	K107N	70.308	324.228	94.897	16.613	0.18449	2.94306	3 W
K04X98L	16.7	0.15	K107N	278.186	254.903	90.292	7.940	0.23527	2.38572	5 X
K04XA2K	16.3	0.15	K107N	89.611	42.397	71.391	14.091	0.21517	2.67433	4 X
K04XA7U	16.3	0.15	K107N	136.947	23.721	62.504	5.837	0.21636	2.55019	5 X
K04XC4M	15.3	0.15	K107N	61.825	79.767	68.657	25.426	0.17043	2.71668	4 X
K04XC6J	15.9	0.15	K107N	70.656	62.959	91.890	14.017	0.15419	2.61929	5 X
K04XC8Q	16.1	0.15	K107N	208.750	278.962	78.881	9.944	0.09890	2.55352	4 X
K04XG0C	16.1	0.15	K107N	64.287	74.359	77.874	12.372	0.12944	2.66018	5 X
K04XG2C	16.5	0.15	K107N	280.033	315.802	26.962	13.648	0.24749	2.30361	5 X
K04Y02K	16.8	0.15	K107N	92.648	0.260	132.830	1.655	0.12470	2.57247	6 X
K04Y07Y	16.5	0.15	K107N	160.346	200.489	207.999	0.863	0.09482	2.51767	7 X
K04Y19M	16.5	0.15	K107N	135.831	314.973	113.061	3.362	0.19440	2.64323	4 X

K04Y20C	16.1	0.15	K107N	63.034	92.132	116.903	5.830	0.12345	2.50961	6 W
K04Y20F	15.9	0.15	K107N	28.858	187.542	288.976	10.425	0.09826	2.97610	3 W
K04Y25Q	15.4	0.15	K107N	58.055	29.669	127.631	12.812	0.21706	2.77271	4 X
K05A04B	16.3	0.15	K107N	221.344	325.199	63.889	7.546	0.11064	2.45319	6 X
K05A07H	16.4	0.15	K107N	72.129	31.215	99.203	9.940	0.25279	2.74781	5 W
K05A08G	16.2	0.15	K107N	86.967	29.553	104.362	5.202	0.23362	2.68406	4 X
K05A09G	16.5	0.15	K107N	104.958	50.471	72.102	13.084	0.19627	2.60382	3 X
K05A10Y	16.3	0.15	K107N	12.544	110.188	79.409	9.833	0.10029	2.77804	6 X
K05A17P	15.8	0.15	K107N	97.651	8.834	122.265	14.151	0.09677	2.62402	5 X
K05A20O	16.5	0.15	K107N	166.851	170.831	220.700	2.290	0.23478	2.62385	5 X
K05A23E	15.9	0.15	K107N	105.868	35.119	86.774	6.891	0.08428	2.62799	7 X
K05A30A	15.6	0.15	K107N	45.708	141.444	34.563	12.841	0.04720	2.66071	3 X
K05A33S	16.8	0.15	K107N	238.215	207.627	168.574	2.547	0.21665	2.42195	6 X
K05A37L	16.7	0.15	K107N	41.621	109.058	74.244	5.293	0.16842	2.69983	5 X
K05A40O	16.7	0.15	K107N	113.763	203.706	316.922	12.025	0.10325	2.47868	4 W
K05A43C	15.8	0.15	K107N	149.069	299.473	129.343	12.446	0.16558	2.61939	4 W
K05A53C	16.7	0.15	K107N	202.206	308.121	80.422	4.308	0.22422	2.52253	4 X
K05A64O	17.1	0.15	K107N	134.850	296.977	129.855	3.237	0.21093	2.65156	4 X
K05A76K	16.7	0.15	K107N	52.765	92.169	70.754	3.411	0.10464	2.72744	4 X
K05A77X	14.9	0.15	K107N	117.319	37.766	339.055	9.399	0.08858	3.06497	4 W
K05A79V	16.4	0.15	K107N	264.322	304.134	355.783	4.093	0.05494	2.76547	5 X
K05A80W	16.2	0.15	K107N	348.602	154.016	103.900	5.661	0.24843	2.67901	6 X
K05B04G	16.6	0.15	K107N	208.674	257.886	134.258	7.574	0.16493	2.51229	5 X
K05B08C	16.3	0.15	K107N	44.944	157.105	349.540	4.618	0.06502	2.78226	6 X
K05B10Y	16.4	0.15	K107N	158.474	315.554	120.688	3.949	0.10652	2.59065	6 X
K05B12J	17.3	0.15	K107N	140.357	347.557	104.642	6.066	0.06600	2.56825	4 X
K05B14G	18.6	0.15	K107N	3.992	280.503	95.418	21.650	0.72829	1.99265	4 X
K05B16M	16.8	0.15	K107N	85.306	12.969	102.899	10.978	0.24035	2.70660	5 X
K05B21T	17.1	0.15	K107N	90.136	232.392	165.795	2.218	0.15860	2.99339	5 W
K05B22L	16.9	0.15	K107N	157.233	68.340	340.492	2.545	0.05666	2.71748	7 X
K05B22Z	16.6	0.15	K107N	104.636	29.032	77.513	2.510	0.08212	2.71420	6 X
K05B23Q	15.8	0.15	K107N	345.058	151.215	106.037	13.789	0.12171	2.58976	5 W
K05B26U	15.7	0.15	K107N	29.967	64.695	145.833	13.122	0.11925	2.69913	5 X
K05B48W	16.0	0.15	K107N	40.200	359.486	200.895	11.037	0.07046	2.89454	4 X
K05C03L	16.7	0.15	K107N	262.405	254.159	90.694	4.815	0.03360	2.62809	6 X
K05C03P	17.0	0.15	K107N	169.648	316.471	110.246	6.558	0.05439	2.65202	6 X
K05C09P	16.2	0.15	K107N	17.352	147.028	342.565	10.721	0.17002	3.06569	3 W
K05C11T	15.4	0.15	K107N	0.864	171.435	333.149	19.728	0.00980	3.06359	6 W
K05C13V	16.4	0.15	K107N	101.452	298.078	171.002	12.801	0.23064	2.68553	5 X
K05C18M	17.0	0.15	K107N	49.134	50.453	138.103	13.489	0.13624	2.67210	2 X
K05C22G	15.6	0.15	K107N	20.138	143.298	68.895	4.427	0.18741	2.77112	7 W
K05C27J	15.4	0.15	K107N	58.692	126.917	313.042	21.151	0.07676	3.03757	4 W
K05C29A	16.1	0.15	K107N	35.970	336.367	131.594	10.881	0.06404	3.07948	3 W
K05C31C	15.8	0.15	K107N	64.464	307.406	122.102	6.461	0.12527	3.09454	4 W
K05C36B	16.3	0.15	K107N	62.849	58.651	107.581	6.617	0.03086	2.65868	6 X
K05C39Z	17.0	0.15	K107N	79.434	352.812	135.376	3.976	0.14016	2.74158	4 X
K05C43N	17.2	0.15	K107N	46.181	69.442	81.363	0.553	0.28737	2.83136	2 W
K05C48D	16.3	0.15	K107N	11.474	48.994	162.524	2.617	0.16890	2.79203	4 X
K05C50L	15.3	0.15	K107N	312.972	250.816	325.743	25.858	0.20353	3.09422	2 S
K05C57H	16.3	0.15	K107N	357.276	201.165	323.636	4.064	0.19778	3.02588	3 W
K05C58T	16.0	0.15	K107N	64.496	30.366	126.628	5.030	0.13187	2.72470	5 X
K05C60S	16.3	0.15	K107N	27.120	161.999	331.886	7.873	0.19084	2.96502	5 X
K05C65J	15.2	0.15	K107N	300.928	230.893	339.679	27.210	0.08723	3.15421	3 W
K05C65R	15.9	0.15	K107N	94.063	108.985	0.389	7.556	0.18188	2.78129	4 X
K05C72Z	15.8	0.15	K107N	76.905	80.795	337.451	15.752	0.11806	3.09779	3 W
K05C73A	17.3	0.15	K107N	106.245	98.083	351.131	4.278	0.13556	2.78965	4 X
K05E11F	16.2	0.15	K107N	58.153	221.184	353.951	10.223	0.13206	2.57082	6 W
K05E18R	16.8	0.15	K107N	95.376	106.052	358.750	11.179	0.07729	2.89962	3 X

K05E22R	15.8	0.15	K107N	14.050	266.712	225.718	3.091	0.16901	3.11681	3	W
K05E25U	15.5	0.15	K107N	307.186	358.840	344.761	11.348	0.07598	2.52180	6	W
K05E30X	16.2	0.15	K107N	35.622	6.690	98.874	4.893	0.24499	3.09936	3	W
K05E36V	14.8	0.15	K107N	280.709	327.851	272.772	9.851	0.15549	3.18555	2	S
K05E37K	16.3	0.15	K107N	165.418	43.374	357.629	23.020	0.05737	1.87981	6	X
K05E43S	15.7	0.15	K107N	355.940	18.969	135.618	2.536	0.13337	3.14193	6	W
K05E47U	16.2	0.15	K107N	50.745	8.369	157.877	10.000	0.14742	2.79980	4	X
K05E60E	15.6	0.15	K107N	17.125	177.235	306.523	6.562	0.08585	3.19203	6	W
K05E66J	15.4	0.15	K107N	4.203	91.837	127.105	16.903	0.22098	2.91216	3	X
K05E72L	14.9	0.15	K107N	301.644	228.263	354.625	26.836	0.18467	3.13734	6	W
K05E73N	16.8	0.15	K107N	31.330	71.212	131.964	3.252	0.12480	2.76593	8	X
K05E78G	14.8	0.15	K107N	234.002	90.820	177.021	12.931	0.06866	3.25065	7	W
K05E88D	15.5	0.15	K107N	321.101	260.207	322.257	15.717	0.21146	3.08947	3	X
K05E93E	16.2	0.15	K107N	122.998	349.036	112.166	14.643	0.21269	2.67862	4	X
K05E94S	16.6	0.15	K107N	62.494	240.879	321.992	6.029	0.19158	2.61762	6	W
K05E97V	15.6	0.15	K107N	24.268	22.185	186.911	8.531	0.01980	2.71670	5	X
K05EA2U	16.4	0.15	K107N	79.606	303.671	109.237	2.325	0.12914	3.03922	4	W
K05EA9P	15.9	0.15	K107N	83.901	357.319	151.052	5.827	0.03362	2.70082	7	X
K05EC0V	15.1	0.15	K107N	12.569	312.361	178.355	27.173	0.14716	3.15371	5	W
K05EC4S	15.9	0.15	K107N	352.962	192.644	55.975	4.575	0.07825	2.79982	4	X
K05EC6F	15.6	0.15	K107N	357.916	109.620	50.509	16.478	0.19264	3.16353	4	W
K05ED1M	16.7	0.15	K107N	156.581	259.315	180.866	4.138	0.09891	2.62477	6	X
K05ED2D	16.4	0.15	K107N	29.818	93.414	108.522	10.936	0.16738	2.76300	5	X
K05EE6D	16.2	0.15	K107N	280.645	110.487	173.174	10.341	0.07540	2.98484	4	X
K05EE9Z	16.6	0.15	K107N	326.217	199.527	82.293	4.991	0.06421	2.80379	6	X
K05EF7V	16.7	0.15	K107N	349.858	269.935	298.648	0.683	0.05913	2.96721	4	X
K05EF9Z	16.5	0.15	K107N	52.778	299.978	181.277	3.941	0.23761	2.98200	5	X
K05EG0D	16.4	0.15	K107N	117.892	256.290	165.632	1.052	0.13929	2.99613	5	X
K05EG3Q	16.7	0.15	K107N	289.392	190.256	125.874	1.438	0.06227	2.76766	7	X
K05EH4K	16.5	0.15	K107N	12.930	82.607	191.058	12.624	0.22259	2.66570	4	W
K05EH9N	16.6	0.15	K107N	151.408	185.365	229.536	1.143	0.06161	2.86786	5	X
K05EI3G	16.9	0.15	K107N	84.829	110.375	350.864	2.504	0.06210	3.00044	4	X
K05EI5S	15.3	0.15	K107N	334.094	339.679	207.348	9.948	0.16556	3.14843	4	W
K05EI8N	19.1	0.15	K107N	92.486	301.988	186.748	23.353	0.16587	1.84609	3	W
K05EJ3C	15.6	0.15	K107N	345.634	196.168	323.997	2.106	0.07653	3.22209	4	W
K05EJ4Q	16.6	0.15	K107N	347.717	56.451	183.712	10.735	0.08454	2.85376	5	X
K05EJ5M	16.2	0.15	K107N	145.473	197.028	221.254	1.275	0.07635	2.90784	4	X
K05EK3B	16.6	0.15	K107N	141.871	59.855	27.895	4.600	0.03410	2.81567	4	X
K05EK5U	15.7	0.15	K107N	133.127	201.160	153.733	16.769	0.12549	3.09245	4	W
K05EK8O	16.2	0.15	K107N	258.833	158.229	178.633	8.328	0.09500	2.73166	6	X
K05EK9L	15.5	0.15	K107N	282.657	257.812	320.150	21.036	0.03330	3.20924	5	W
K05EL2M	14.8	0.15	K107N	335.907	140.099	41.043	17.483	0.12286	3.16571	4	W
K05EL7U	16.1	0.15	K107N	238.701	150.796	167.113	4.508	0.06016	3.07169	3	X
K05EM4Q	17.8	0.15	K107N	56.230	163.206	11.807	22.150	0.06047	1.83339	3	X
K05EM5E	15.2	0.15	K107N	358.941	55.157	107.371	27.680	0.19420	3.15644	2	W
K05EM6X	16.4	0.15	K107N	91.573	277.971	173.034	9.121	0.07368	2.98310	4	X
K05EO5Z	16.9	0.15	K107N	68.540	108.698	13.229	1.158	0.04501	2.97137	4	X
K05EP2G	16.6	0.15	K107N	30.164	172.361	348.828	1.368	0.25920	2.98862	4	X
K05EQ4Q	16.2	0.15	K107N	185.673	200.724	189.351	13.139	0.14635	2.83968	4	X
K05EQ9A	16.1	0.15	K107N	3.207	25.187	205.171	11.037	0.06843	2.88044	6	X
K05EQ9G	14.6	0.15	K107N	337.422	56.743	142.527	17.312	0.18073	3.14466	6	X
K05ES8M	15.5	0.15	K107N	84.171	29.963	88.979	12.733	0.21095	2.78112	4	X
K05EW2Y	15.4	0.15	K107N	346.444	11.644	148.717	9.890	0.04087	3.16555	4	W
K05EW7C	15.4	0.15	K107N	4.595	173.375	36.488	7.343	0.12991	3.06855	4	X
K05G01E	16.1	0.15	K107N	343.407	114.242	67.061	12.367	0.21728	3.22096	5	W
K05G05M	16.3	0.15	K107N	93.088	285.058	180.791	9.910	0.06744	3.03862	5	X
K05G10F	15.7	0.15	K107N	293.879	112.303	167.138	9.296	0.24273	3.12970	4	X
K05G13A	14.5	0.15	K107N	265.220	69.438	170.484	15.473	0.09704	3.46720	6	W

K05G36H	15.0	0.15	K107N	37.678	57.962	47.263	16.988	0.10868	3.20544	5	W
K05G37X	15.6	0.15	K107N	344.131	328.497	210.372	22.309	0.23564	3.16794	3	W
K05G45M	15.3	0.15	K107N	329.761	191.748	63.209	11.944	0.02737	2.87249	4	W
K05G47O	15.8	0.15	K107N	64.282	337.051	194.877	9.027	0.06936	2.79919	6	X
K05G49B	16.8	0.15	K107N	338.264	64.923	167.181	2.396	0.15699	3.04774	2	X
K05G50U	15.1	0.15	K107N	356.798	167.725	21.507	28.529	0.12374	3.08911	2	X
K05G54Y	16.9	0.15	K107N	118.500	225.849	218.624	1.272	0.08412	2.92281	6	X
K05G64B	15.5	0.15	K107N	353.660	209.023	30.105	14.941	0.19461	2.85214	5	X
K05G82K	15.1	0.15	K107N	344.171	217.514	308.519	9.302	0.10947	3.17207	6	W
K05GB0S	16.4	0.15	K107N	292.200	48.777	233.556	0.362	0.06466	3.07144	6	X
K05GB1V	15.6	0.15	K107N	111.001	314.084	202.351	28.169	0.16585	2.69516	4	W
K05GB8C	15.6	0.15	K107N	225.613	159.351	185.156	8.870	0.13708	3.01971	6	X
K05GC3F	15.9	0.15	K107N	210.462	336.868	52.051	10.267	0.11593	2.91935	4	X
K05GC7G	15.6	0.15	K107N	94.668	325.942	156.606	12.417	0.09345	2.94668	6	X
K05GC7J	15.2	0.15	K107N	317.969	178.168	86.794	13.595	0.18203	3.06311	6	X
K05GD4B	16.0	0.15	K107N	302.847	141.712	189.975	9.247	0.23393	2.81064	3	X
K05GF9R	16.5	0.15	K107N	348.174	276.467	32.565	12.997	0.21448	2.72439	4	W
K05H04F	15.1	0.15	K107N	95.817	52.074	50.868	22.979	0.04249	3.07606	5	X
K05J16D	15.3	0.15	K107N	5.198	132.795	65.242	9.728	0.10268	3.08189	3	X
K05J27S	15.7	0.15	K107N	287.471	115.477	186.203	26.558	0.22283	3.13651	4	X
K05J28K	15.8	0.15	K107N	79.897	31.736	106.313	11.774	0.06455	3.06724	5	X
K05J35N	16.5	0.15	K107N	27.064	8.122	180.688	7.395	0.15799	3.06735	4	X
K05J79S	15.4	0.15	K107N	262.769	87.706	239.181	10.240	0.03527	3.03496	4	S
K05J85F	15.4	0.15	K107N	353.752	112.195	113.951	3.667	0.09956	3.06242	6	X
K05J89Z	15.7	0.15	K107N	9.550	112.506	101.534	10.609	0.06329	3.03383	6	X
K05JB3S	15.9	0.15	K107N	268.046	147.407	188.821	4.111	0.06628	2.94191	5	X
K05JB9F	16.0	0.15	K107N	58.199	60.728	97.233	7.751	0.08885	3.06275	5	X
K05JC8U	16.6	0.15	K107N	321.743	168.128	117.565	4.293	0.06138	2.94064	3	X
K05JD9F	15.7	0.15	K107N	322.374	132.886	158.193	12.771	0.22459	3.00453	8	W
K05JH6Z	16.1	0.15	K107N	347.374	90.216	163.931	7.539	0.11299	3.00569	7	X
K05K05K	16.2	0.15	K107N	67.457	63.725	86.202	10.447	0.10331	3.03765	4	W
K05K08F	15.2	0.15	K107N	34.921	107.200	85.779	13.452	0.10299	3.04725	5	X
K05K10S	15.6	0.15	K107N	313.137	126.653	190.528	20.063	0.29760	3.05152	4	X
K05K13X	16.1	0.15	K107N	346.023	41.544	198.298	6.168	0.23136	3.09037	3	X
K05L04K	15.2	0.15	K107N	21.872	1.050	190.605	9.155	0.03042	3.10217	8	X
K05L10F	16.1	0.15	K107N	312.249	210.201	88.958	8.910	0.16540	3.01029	6	X
K05L19R	15.6	0.15	K107N	350.513	136.243	98.164	13.330	0.04860	3.11628	4	X
K05L21M	15.4	0.15	K107N	235.738	302.996	58.823	5.351	0.00544	2.99610	4	X
K05L22U	15.5	0.15	K107N	315.356	176.624	114.091	7.341	0.11952	3.22011	4	X
K05L23R	16.2	0.15	K107N	326.613	177.699	80.271	2.816	0.07750	3.06122	4	X
K05L36F	15.2	0.15	K107N	106.993	52.081	66.570	8.134	0.02080	3.02576	6	X
K05M16F	15.2	0.15	K107N	327.710	77.329	253.153	20.341	0.19628	3.05949	5	W
K05M29A	15.5	0.15	K107N	72.847	283.460	283.394	16.746	0.02105	3.09035	4	W
K05M32T	15.9	0.15	K107N	62.789	314.559	206.742	14.787	0.01599	3.11473	3	W
K05O00H	14.4	0.15	K107N	313.234	308.230	50.061	27.982	0.23688	3.18009	5	W
K05O20P	15.3	0.15	K107N	302.313	202.513	139.394	19.601	0.09304	3.17807	5	W
K05O27W	17.3	0.15	K107N	262.594	181.667	172.399	22.685	0.07842	1.95668	5	X
K05P17K	15.8	0.15	K107N	237.968	93.593	319.384	25.033	0.13751	3.16412	4	W
K05Q01L	14.3	0.15	K107N	226.521	154.903	169.153	7.122	0.18130	3.94613	6	X
K05Q12E	15.6	0.15	K107N	287.808	52.696	321.574	16.165	0.16034	3.12989	2	S
K05Q16R	15.4	0.15	K107N	21.369	255.355	353.833	24.928	0.25814	3.19109	5	W
K05Q20G	15.4	0.15	K107N	328.925	338.438	339.038	17.199	0.09519	3.20188	4	W
K05Q21P	17.1	0.15	K107N	193.843	202.817	120.218	5.616	0.08872	2.21137	5	W
K05Q41D	15.4	0.15	K107N	297.117	28.759	334.585	19.143	0.16997	3.19616	4	W
K05Q42R	17.0	0.15	K107N	88.567	251.410	157.438	10.096	0.24003	2.34703	4	W
K05Q56X	14.9	0.15	K107N	340.531	33.151	273.303	8.233	0.05021	3.16666	5	W
K05Q60Q	17.2	0.15	K107N	119.160	157.509	220.724	3.021	0.19113	2.30402	4	W
K05Q90K	15.9	0.15	K107N	312.800	189.920	154.905	2.623	0.13096	3.13699	5	W

K05Q92O	15.6	0.15	K107N	311.539	129.890	158.673	10.264	0.06556	3.53933	3	X
K05QA9S	17.2	0.15	K107N	128.349	92.447	284.309	1.925	0.16282	2.28491	3	W
K05QG1M	16.0	0.15	K107N	327.787	314.586	22.453	10.141	0.24404	3.07515	5	W
K05QH4X	15.6	0.15	K107N	334.302	94.958	233.777	8.867	0.26626	3.12182	4	W
K05QI0C	14.8	0.15	K107N	359.942	8.345	277.265	23.180	0.13238	3.12935	5	W
K05R34G	14.5	0.15	K107N	336.777	25.675	295.203	26.879	0.21627	3.17308	4	W
K05SC0B	16.9	0.15	K107N	56.645	254.480	197.294	22.820	0.23805	2.37076	4	W
K05SG8M	15.8	0.15	K107N	26.211	284.471	331.091	7.615	0.02732	3.40666	4	W
K05SN0W	15.2	0.15	K107N	273.711	105.943	196.485	2.483	0.18209	3.94077	9	X
K05SN2E	18.4	0.15	K107N	148.989	45.241	15.174	0.850	0.13174	2.18682	3	X
K05SP9G	15.2	0.15	K107N	305.788	319.945	37.387	17.119	0.17759	3.20390	4	W
K05T65G	17.9	0.15	K107N	47.621	348.634	126.307	3.129	0.11714	2.30040	7	W
K05TD4N	15.0	0.15	K107N	276.885	103.638	198.018	2.585	0.20440	3.97890	4	X
K05TI1C	15.3	0.15	K107N	11.020	27.209	198.247	8.212	0.12207	3.95128	5	X
K05U13E	17.4	0.15	K107N	36.566	267.627	220.846	4.886	0.10177	2.31573	6	W
K05UB2K	17.1	0.15	K107N	234.291	334.792	358.361	2.230	0.09982	2.18530	4	X
K05UF5A	18.6	0.15	K107N	137.264	183.490	245.077	1.159	0.12711	2.22779	4	X
K05UG0V	16.9	0.15	K107N	85.362	349.890	64.591	9.933	0.19718	2.40737	3	W
K05UJ6X	18.3	0.15	K107N	126.474	232.689	201.900	3.004	0.15309	2.22731	6	X
K05UR9R	14.8	0.15	K107N	69.812	9.685	187.002	2.474	0.13370	3.96857	6	W
K05Uo4T	16.4	0.15	K107N	51.893	325.889	130.132	5.508	0.02237	2.77664	3	W
K05Ur0L	16.0	0.15	K107N	151.458	212.065	139.475	6.124	0.08197	2.69141	5	W
K05V03B	16.9	0.15	K107N	117.478	289.983	92.776	2.343	0.13849	2.37946	4	W
K05V30Z	16.4	0.15	K107N	13.226	94.410	66.319	5.872	0.22853	2.42519	5	W
K05V86L	17.1	0.15	K107N	121.496	10.855	101.613	6.357	0.09531	2.18288	6	X
K05V87N	18.0	0.15	K107N	92.093	277.117	183.219	1.694	0.16154	2.28614	6	X
K05W06S	17.5	0.15	K107N	111.218	35.731	71.594	2.842	0.09589	2.21769	4	X
K05W06T	18.3	0.15	K107N	132.538	33.660	37.427	1.176	0.17748	2.23538	4	X
K05W87N	16.7	0.15	K107N	137.850	3.530	88.622	6.558	0.12043	2.23274	4	X
K05WC5J	17.1	0.15	K107N	269.241	24.015	231.770	4.253	0.06544	2.31921	6	W
K05WE9N	17.4	0.15	K107N	155.888	18.169	44.772	4.866	0.11321	2.21349	4	X
K05WF0V	16.6	0.15	K107N	21.024	154.263	345.088	3.242	0.13566	2.46199	5	W
K05WG0F	15.7	0.15	K107N	3.299	256.406	291.852	26.982	0.36238	2.61784	3	W
K05WI0J	17.2	0.15	K107N	129.787	222.676	211.930	3.533	0.14332	2.25389	6	X
K05WK4K	17.2	0.15	K107N	82.834	18.927	124.257	6.319	0.14124	2.34987	4	X
K05X04C	14.8	0.15	K107N	347.453	258.781	309.016	26.537	0.36781	2.62482	3	W
K05X20P	17.9	0.15	K107N	43.236	167.432	6.206	2.852	0.08225	2.25204	4	X
K05X26Q	16.9	0.15	K107N	118.482	38.481	52.857	3.279	0.16483	2.29293	6	X
K05X56N	16.8	0.15	K107N	139.703	40.086	45.552	8.005	0.10449	2.22178	4	X
K05X91G	18.6	0.15	K107N	48.627	136.843	34.851	4.195	0.13988	2.31673	5	X
K05XA9Z	17.2	0.15	K107N	318.687	139.002	149.924	2.397	0.20309	2.39965	4	X
K05Y05D	17.2	0.15	K107N	49.844	114.574	64.782	4.232	0.15170	2.25309	5	X
K05Y15T	17.9	0.15	K107N	57.826	285.255	227.683	0.489	0.12955	2.37443	5	X
K05Y24U	17.4	0.15	K107N	86.676	203.533	278.286	1.720	0.16642	2.33965	6	X
K05Y42F	18.0	0.15	K107N	43.928	90.728	107.455	7.075	0.02731	2.24050	6	X
K05Y42Y	16.4	0.15	K107N	274.074	333.297	286.022	12.434	0.24158	2.55369	5	W
K05Y48V	17.5	0.15	K107N	41.738	94.378	95.893	3.590	0.12792	2.32788	5	W
K05Y55U	21.8	0.15	K107N	26.094	268.791	39.305	0.514	0.42905	1.14271	2	X
K05Y63Q	17.9	0.15	K107N	98.128	116.844	333.032	0.811	0.14769	2.37894	5	X
K05Y66D	17.6	0.15	K107N	32.498	109.532	89.056	6.954	0.14730	2.32234	3	X
K05Y82Z	17.3	0.15	K107N	73.837	42.504	123.888	7.293	0.02908	2.25286	7	X
K05Y83O	18.3	0.15	K107N	80.727	305.775	180.553	1.062	0.12942	2.35975	3	X
K05Y86G	17.3	0.15	K107N	31.608	110.790	79.657	1.321	0.14227	2.33590	8	X
K05YB0E	17.7	0.15	K107N	83.618	33.703	125.522	5.620	0.10077	2.24830	4	X
K05YB6D	17.1	0.15	K107N	187.024	322.456	82.061	5.014	0.16148	2.22540	6	W
K05YD0M	18.3	0.15	K107N	56.947	163.874	335.196	0.691	0.13187	2.40148	3	X
K05YD4D	17.6	0.15	K107N	71.037	129.605	11.428	4.508	0.12476	2.33660	3	W
K05YF3B	17.3	0.15	K107N	31.606	83.289	94.813	9.636	0.14140	2.37769	4	X

K05YG7Y	17.1	0.15	K107N	42.025	28.017	82.181	12.662	0.19092	2.55707	3	W
K05YH2P	15.6	0.15	K107N	61.429	61.278	19.823	13.159	0.14428	2.56065	4	W
K05YH3W	15.7	0.15	K107N	8.024	224.964	288.604	8.654	0.18409	2.65899	5	W
K05YK3U	18.2	0.15	K107N	99.395	21.264	114.538	2.740	0.07878	2.26625	3	X
K05YK4M	17.4	0.15	K107N	58.501	31.761	128.162	2.938	0.13480	2.36151	6	X
K05YK4V	17.1	0.15	K107N	79.212	14.764	142.942	3.620	0.13153	2.36962	3	X
K05YL9P	16.9	0.15	K107N	42.877	106.066	9.631	11.109	0.17072	2.52716	3	X
K05YO5R	15.7	0.15	K107N	316.628	285.838	290.233	30.993	0.10685	2.55507	2	W
K05YO9H	18.1	0.15	K107N	133.401	22.072	60.529	3.479	0.12565	2.27374	3	X
K05YP6F	17.3	0.15	K107N	9.359	250.905	271.967	9.912	0.20913	2.55711	2	W
K05YQ4S	17.8	0.15	K107N	11.459	202.749	351.974	3.207	0.03829	2.38353	5	X
K05YQ8A	16.7	0.15	K107N	81.896	132.508	295.064	11.028	0.05214	2.58535	3	W
K05YQ9N	16.7	0.15	K107N	14.179	18.746	141.677	10.954	0.19088	2.62581	4	X
K05YR1B	17.2	0.15	K107N	184.931	309.291	107.034	7.159	0.05346	2.24192	6	X
K05YR2P	18.3	0.15	K107N	51.882	159.617	347.866	1.070	0.14577	2.40703	3	X
K05YR4A	18.3	0.15	K107N	85.493	118.723	349.076	3.399	0.10520	2.41975	2	X
K06A04X	15.6	0.15	K107N	107.039	277.272	102.284	30.086	0.24600	2.62056	3	W
K06A05Q	16.8	0.15	K107N	84.675	50.631	53.960	11.436	0.19824	2.42498	3	X
K06A10R	16.8	0.15	K107N	192.682	338.763	73.483	6.442	0.13796	2.20885	3	X
K06A11C	16.3	0.15	K107N	198.808	185.690	124.598	13.752	0.20198	2.58298	6	W
K06A15L	17.6	0.15	K107N	32.772	80.160	129.960	3.206	0.14405	2.31173	5	X
K06A17B	18.9	0.15	K107N	32.939	342.676	191.587	0.872	0.13267	2.37790	4	X
K06A19R	18.1	0.15	K107N	87.183	108.088	353.996	1.366	0.15403	2.38010	4	X
K06A21Q	15.8	0.15	K107N	308.952	121.703	97.957	15.714	0.06291	2.57079	3	X
K06A32E	16.9	0.15	K107N	51.464	18.205	79.862	12.674	0.22748	2.55720	2	W
K06A36D	17.8	0.15	K107N	27.498	207.005	343.928	1.604	0.14945	2.38719	4	X
K06A40A	16.3	0.15	K107N	277.377	292.038	308.892	10.673	0.09456	2.63026	4	W
K06A41R	16.9	0.15	K107N	108.943	321.240	146.926	3.685	0.09382	2.32877	7	X
K06A42Z	18.1	0.15	K107N	97.644	348.476	145.958	3.057	0.11118	2.30316	3	X
K06A59Q	17.4	0.15	K107N	34.821	73.476	117.125	1.229	0.16076	2.33536	6	X
K06A68G	16.5	0.15	K107N	79.830	105.250	300.745	16.078	0.25822	2.60286	4	W
K06A72Q	16.9	0.15	K107N	46.283	49.639	134.597	5.570	0.16029	2.34891	5	X
K06A76T	16.6	0.15	K107N	32.836	71.234	136.128	7.451	0.04831	2.30739	7	X
K06A78J	16.6	0.15	K107N	47.798	32.474	162.627	12.616	0.12249	2.40470	4	X
K06A83Z	17.1	0.15	K107N	45.761	134.370	41.775	2.865	0.10331	2.37211	5	X
K06A84Y	16.7	0.15	K107N	45.721	95.720	90.434	6.068	0.17925	2.38642	5	X
K06A96F	16.2	0.15	K107N	17.840	63.697	79.724	16.070	0.12655	2.59882	3	W
K06AA0W	17.3	0.15	K107N	110.704	326.564	150.099	4.554	0.06094	2.34466	7	X
K06AA2C	16.8	0.15	K107N	265.872	320.127	340.747	1.825	0.18012	2.47399	6	X
K06AA2K	16.7	0.15	K107N	44.904	50.329	153.095	11.519	0.05676	2.37026	3	X
K06B02O	16.8	0.15	K107N	73.462	26.313	135.417	5.204	0.16418	2.33218	4	X
K06B07N	16.6	0.15	K107N	28.780	60.849	85.885	30.053	0.37224	2.59239	3	W
K06B10D	16.8	0.15	K107N	39.743	36.682	144.707	5.370	0.19189	2.39158	5	W
K06B10W	17.0	0.15	K107N	16.318	104.850	122.594	2.950	0.15837	2.33777	5	X
K06B11H	16.5	0.15	K107N	24.070	83.209	124.826	5.775	0.17753	2.39380	6	X
K06B13J	16.8	0.15	K107N	82.476	315.566	184.893	4.659	0.17938	2.33345	6	X
K06B17C	16.7	0.15	K107N	9.415	113.040	116.323	7.645	0.05991	2.30973	5	X
K06B20H	17.3	0.15	K107N	129.292	352.651	114.717	3.490	0.09781	2.26014	6	X
K06B22F	16.9	0.15	K107N	353.007	124.936	123.235	2.811	0.20292	2.36140	5	X
K06B23T	17.9	0.15	K107N	110.637	314.081	162.204	4.869	0.17624	2.29797	3	X
K06B27G	17.4	0.15	K107N	125.002	101.109	352.135	4.102	0.17560	2.32397	4	W
K06B30P	17.4	0.15	K107N	187.641	324.495	89.299	3.029	0.13662	2.23827	5	X
K06B38L	17.1	0.15	K107N	357.089	153.757	81.791	2.445	0.10667	2.42026	4	X
K06B40E	17.1	0.15	K107N	57.847	308.670	138.995	4.580	0.29625	2.58794	2	X
K06B43L	16.8	0.15	K107N	79.149	63.670	76.002	3.996	0.12445	2.38057	4	X
K06B57K	17.6	0.15	K107N	84.744	95.590	5.098	2.362	0.16661	2.43743	5	X
K06B57T	17.4	0.15	K107N	36.537	152.063	36.835	4.325	0.01054	2.34757	4	X
K06B61E	15.7	0.15	K107N	220.660	291.303	2.836	14.399	0.15800	2.61142	5	W

K06B62T	16.8	0.15	K107N	68.525	38.615	129.094	7.236	0.03458	2.32665	5 X
K06B67M	17.7	0.15	K107N	33.401	151.363	17.908	1.554	0.12984	2.44308	3 X
K06B74L	16.7	0.15	K107N	24.390	19.555	115.264	9.522	0.13491	2.60545	3 W
K06B75Q	17.5	0.15	K107N	21.400	45.786	91.296	3.586	0.15754	2.60643	3 W
K06B81Y	16.2	0.15	K107N	96.052	302.427	93.880	3.349	0.17062	2.73386	4 W
K06B85S	18.0	0.15	K107N	100.505	76.314	26.337	1.607	0.14196	2.38681	5 X
K06B94T	18.0	0.15	K107N	48.776	236.554	301.277	1.636	0.12864	2.40375	2 X
K06BA3F	18.6	0.15	K107N	59.493	278.304	229.393	1.075	0.13478	2.42634	3 X
K06BB9T	16.4	0.15	K107N	112.649	65.685	304.754	6.759	0.23220	2.74577	4 W
K06BC5J	17.1	0.15	K107N	66.084	44.100	123.489	2.112	0.12060	2.37451	6 X
K06BC5R	17.5	0.15	K107N	343.666	137.192	127.211	3.745	0.16627	2.38424	4 X
K06BD5F	17.6	0.15	K107N	209.755	268.615	115.328	3.601	0.04121	2.29486	3 X
K06BD7P	18.1	0.15	K107N	103.739	246.695	209.150	1.545	0.15684	2.41608	3 X
K06BE4U	16.5	0.15	K107N	31.016	29.234	167.421	11.641	0.22611	2.41450	4 X
K06BE7K	17.6	0.15	K107N	353.772	251.351	328.516	0.427	0.14477	2.44621	4 X
K06BE8E	16.3	0.15	K107N	80.400	269.997	143.592	13.089	0.18984	2.66554	7 W
K06BE9G	15.8	0.15	K107N	137.134	72.919	296.582	29.586	0.06580	2.59203	4 W
K06BF1U	17.0	0.15	K107N	49.345	73.495	95.057	3.003	0.16022	2.40687	6 X
K06BF4K	16.8	0.15	K107N	60.213	59.587	119.728	4.165	0.10485	2.34634	4 X
K06BF4N	16.2	0.15	K107N	159.815	213.145	130.866	6.323	0.07425	2.72758	5 W
K06BG3E	17.0	0.15	K107N	307.590	173.339	135.603	6.444	0.15074	2.25991	8 W
K06BG5D	16.7	0.15	K107N	281.883	279.788	335.497	2.949	0.17521	2.69608	5 X
K06BG8T	17.8	0.15	K107N	67.924	220.577	350.118	2.310	0.10114	2.24715	6 W
K06BI0Z	17.3	0.15	K107N	207.982	263.573	129.777	6.102	0.17619	2.23948	4 X
K06BI2P	18.0	0.15	K107N	12.743	123.555	95.713	2.009	0.15232	2.40832	3 X
K06BJ3S	17.5	0.15	K107N	63.593	22.492	152.746	6.862	0.03105	2.32050	5 X
K06BJ5L	17.2	0.15	K107N	331.479	118.571	162.060	6.952	0.12682	2.31478	6 X
K06BK2A	17.4	0.15	K107N	331.540	248.384	18.759	2.239	0.20067	2.38229	3 X
K06BN4U	17.5	0.15	K107N	358.865	223.386	350.207	2.199	0.14604	2.43251	4 X
K06BN8V	16.8	0.15	K107N	108.821	252.675	138.400	10.072	0.13413	2.54638	6 W
K06BQ2T	17.1	0.15	K107N	263.602	207.616	141.240	7.392	0.13621	2.29517	5 X
K06BR0Z	16.8	0.15	K107N	65.723	23.987	121.961	2.509	0.15170	2.41772	3 X
K06BR4B	16.6	0.15	K107N	79.920	335.071	174.567	6.688	0.04906	2.36186	5 X
K06BR4O	16.9	0.15	K107N	282.006	153.673	166.337	4.237	0.15342	2.38567	6 X
K06BR9L	16.3	0.15	K107N	223.190	138.045	150.732	4.856	0.04336	2.78687	5 W
K06C08D	17.0	0.15	K107N	252.086	145.819	163.189	10.684	0.16116	2.53618	4 X
K06C12V	16.7	0.15	K107N	337.911	306.837	315.527	6.612	0.09092	2.32533	5 W
K06C13D	17.3	0.15	K107N	322.587	148.023	143.827	10.749	0.17112	2.28766	4 X
K06C21T	16.4	0.15	K107N	140.320	69.876	18.700	6.726	0.07652	2.34582	4 X
K06C34V	17.0	0.15	K107N	352.032	35.428	205.810	2.228	0.13258	2.35999	5 X
K06C47X	18.0	0.15	K107N	28.997	5.562	183.696	1.390	0.05530	2.39710	5 X
K06C50L	16.1	0.15	K107N	304.775	121.941	169.148	7.089	0.09261	2.39756	6 X
K06C57O	16.7	0.15	K107N	72.561	24.129	137.557	8.961	0.01769	2.37852	4 W
K06C57S	17.6	0.15	K107N	48.272	99.959	85.261	3.271	0.13946	2.40553	4 X
K06C59Q	17.5	0.15	K107N	49.258	43.109	142.963	1.915	0.12479	2.39036	5 X
K06C66Q	17.8	0.15	K107N	316.470	68.802	196.345	1.015	0.15585	2.43356	5 X
K06C67L	17.9	0.15	K107N	105.308	31.965	87.247	3.326	0.17351	2.37621	3 X
K06D00E	15.7	0.15	K107N	19.945	66.198	80.636	28.637	0.23570	2.60999	3 W
K06D10V	17.1	0.15	K107N	63.820	19.601	144.128	5.705	0.16483	2.38704	5 X
K06D11B	16.2	0.15	K107N	33.163	131.348	86.566	6.884	0.05361	2.33678	4 X
K06D19R	17.6	0.15	K107N	68.297	117.657	18.728	2.731	0.16222	2.43942	5 X
K06D22W	16.5	0.15	K107N	191.526	178.577	137.435	5.114	0.05746	2.79521	4 W
K06D24E	17.5	0.15	K107N	281.042	186.261	148.940	7.621	0.14997	2.31624	6 X
K06D34G	17.6	0.15	K107N	348.776	101.845	167.738	9.047	0.21133	2.42809	5 X
K06D35E	17.4	0.15	K107N	114.410	81.420	12.417	3.240	0.05398	2.51742	4 X
K06D49K	17.0	0.15	K107N	51.128	101.271	88.160	2.317	0.12329	2.38531	4 W
K06D52K	17.5	0.15	K107N	344.481	183.360	93.352	3.307	0.17926	2.35419	3 X
K06D54G	16.8	0.15	K107N	177.879	208.765	161.623	4.396	0.11395	2.58365	3 X

K06D57V	17.2	0.15	K107N	35.685	336.497	176.405	4.750	0.13912	2.58006	4 X
K06D66J	16.4	0.15	K107N	17.578	123.847	99.541	6.374	0.16237	2.37630	5 W
K06D68O	16.1	0.15	K107N	341.561	69.578	114.531	19.050	0.12843	2.72843	5 W
K06D73A	17.0	0.15	K107N	0.305	180.238	72.959	4.490	0.12834	2.33424	6 X
K06D78Z	16.6	0.15	K107N	39.767	131.242	336.312	8.276	0.21898	2.67685	3 W
K06D81V	17.0	0.15	K107N	110.220	86.162	355.371	3.787	0.03482	2.55845	5 X
K06D82C	17.0	0.15	K107N	291.504	171.887	165.780	6.388	0.13519	2.29256	6 X
K06D86X	18.7	0.15	K107N	2.442	124.225	121.983	2.118	0.13983	2.41355	3 X
K06D93B	17.3	0.15	K107N	299.694	111.195	173.024	5.717	0.21304	2.58186	5 X
K06D94D	17.3	0.15	K107N	8.252	200.423	2.585	5.050	0.14212	2.56214	3 X
K06D94O	17.1	0.15	K107N	147.343	56.028	5.232	6.600	0.04601	2.53902	4 X
K06D95N	15.5	0.15	K107N	158.850	147.997	186.767	27.571	0.12788	3.05245	3 W
K06D98B	15.8	0.15	K107N	352.023	174.775	90.417	16.013	0.16627	2.56302	5 X
K06DA2R	16.5	0.15	K107N	54.669	16.229	179.537	6.243	0.04192	2.34220	6 X
K06DA5X	17.4	0.15	K107N	259.971	309.270	358.072	6.019	0.03791	2.52358	4 X
K06DB0C	15.8	0.15	K107N	277.374	229.074	15.196	8.922	0.15504	2.79872	5 W
K06DB0F	16.5	0.15	K107N	237.418	342.918	358.483	10.605	0.13220	2.54451	4 X
K06DB6N	15.7	0.15	K107N	358.604	139.680	21.630	8.239	0.15052	2.76848	6 W
K06DC0Y	17.0	0.15	K107N	84.994	97.084	35.812	6.253	0.08188	2.38926	5 X
K06DC1B	16.5	0.15	K107N	17.780	150.523	353.523	15.091	0.09442	2.63442	4 X
K06DC1O	17.0	0.15	K107N	136.808	36.477	44.892	7.381	0.08825	2.38073	4 X
K06DC2K	16.3	0.15	K107N	345.219	229.543	43.571	13.395	0.20009	2.40569	3 X
K06DD0Z	16.4	0.15	K107N	105.837	327.974	62.435	5.278	0.07793	2.79584	4 W
K06DD4M	16.7	0.15	K107N	334.944	155.156	114.039	3.654	0.20357	2.42598	7 X
K06DD6B	17.1	0.15	K107N	25.278	125.218	6.503	1.465	0.15320	2.65239	6 W
K06DD8Y	17.5	0.15	K107N	319.042	219.270	78.007	3.752	0.20098	2.38544	4 X
K06DE1P	16.0	0.15	K107N	65.260	53.593	24.195	4.621	0.04330	2.78687	5 W
K06DE5K	17.4	0.15	K107N	340.924	144.475	138.200	2.871	0.22410	2.37276	6 X
K06DE7H	17.6	0.15	K107N	327.539	49.619	237.865	1.531	0.17415	2.40773	4 X
K06DF7P	17.6	0.15	K107N	110.067	13.874	104.805	2.425	0.12976	2.37680	5 X
K06DH0R	17.0	0.15	K107N	55.382	125.666	53.196	3.759	0.11321	2.42015	4 X
K06DI7G	16.1	0.15	K107N	128.903	262.360	123.198	2.974	0.07910	2.78430	5 X
K06DJ0O	16.9	0.15	K107N	346.055	99.025	159.047	7.073	0.08709	2.44357	4 X
K06DJ3B	17.2	0.15	K107N	336.679	129.895	151.771	2.502	0.18031	2.43526	6 X
K06DJ6M	16.7	0.15	K107N	23.439	135.266	81.825	8.182	0.11519	2.41905	4 X
K06DL1S	17.1	0.15	K107N	205.140	219.175	182.279	6.209	0.08669	2.38022	5 X
K06DL4B	16.8	0.15	K107N	6.846	203.330	27.528	23.940	0.17808	2.43533	2 X
K06DL6Z	17.6	0.15	K107N	153.190	260.449	155.916	2.880	0.18428	2.39615	5 X
K06E14Q	16.7	0.15	K107N	136.268	61.887	354.761	6.582	0.09151	2.55370	3 X
K06E26L	17.5	0.15	K107N	350.971	64.096	182.488	2.578	0.17601	2.34354	5 X
K06E36J	16.8	0.15	K107N	210.915	268.244	31.546	4.780	0.05009	2.78552	5 W
K06E37T	16.5	0.15	K107N	24.590	22.937	190.280	3.930	0.16630	2.37159	5 X
K06F04O	16.5	0.15	K107N	24.214	308.582	186.683	8.223	0.25768	2.71099	5 W
K06F06K	15.9	0.15	K107N	356.476	115.432	55.391	9.853	0.17800	2.74270	5 W
K06F10B	16.6	0.15	K107N	16.002	322.473	260.285	9.555	0.19277	2.47831	5 W
K06F16M	17.0	0.15	K107N	107.273	268.613	188.685	15.283	0.09681	2.51778	3 X
K06F31E	17.2	0.15	K107N	311.609	129.938	181.015	4.575	0.15921	2.38543	5 X
K06F32F	17.3	0.15	K107N	307.030	272.164	6.943	2.102	0.13004	2.58912	5 X
K06F37A	15.7	0.15	K107N	27.834	67.215	89.063	14.195	0.20760	2.66372	4 X
K06F42K	16.4	0.15	K107N	128.023	245.208	188.284	11.670	0.12857	2.58310	5 X
K06F50C	15.7	0.15	K107N	72.762	280.308	148.086	4.947	0.05072	2.79192	6 W
K06F50O	14.5	0.15	K107N	242.576	129.905	140.492	27.555	0.18296	3.13266	6 W
K06G00F	17.0	0.15	K107N	353.385	96.172	160.909	5.130	0.07927	2.42255	6 X
K06G01U	17.3	0.15	K107N	154.855	254.243	185.094	5.306	0.13118	2.30201	6 X
K06G04H	16.1	0.15	K107N	222.916	350.202	352.070	4.738	0.22330	2.53384	4 X
K06G11K	16.9	0.15	K107N	93.866	308.718	181.063	9.912	0.02215	2.52135	5 X
K06G30A	16.9	0.15	K107N	313.869	92.792	190.085	9.089	0.19417	2.59044	5 X
K06G36X	16.3	0.15	K107N	314.723	132.409	61.556	3.189	0.01537	2.94354	5 W

K06G40N	16.2	0.15	K107N	36.174	4.967	161.025	6.144	0.19554	2.60053	5 X
K06G44B	16.9	0.15	K107N	67.089	306.305	176.028	3.100	0.07061	2.70470	3 X
K06G45E	16.5	0.15	K107N	185.969	0.468	32.888	6.351	0.08775	2.56117	5 X
K06G49F	15.0	0.15	K107N	54.237	326.582	119.275	14.408	0.12908	2.87103	5 W
K06G53Y	17.7	0.15	K107N	350.048	35.289	198.383	1.816	0.15120	2.62931	4 X
K06G54E	16.9	0.15	K107N	319.578	245.316	57.786	7.942	0.18743	2.52358	6 X
K06H02A	16.1	0.15	K107N	4.674	144.235	51.163	14.498	0.19207	2.66416	3 X
K06H10V	16.9	0.15	K107N	102.069	347.757	153.755	6.152	0.06814	2.45281	6 X
K06H14S	16.4	0.15	K107N	168.935	15.717	32.416	11.444	0.12458	2.57350	6 X
K06H15J	16.1	0.15	K107N	48.644	133.573	24.570	12.763	0.19078	2.59141	3 X
K06H19L	16.5	0.15	K107N	28.882	35.048	160.006	5.715	0.05002	2.57004	5 X
K06H21Y	16.6	0.15	K107N	299.547	174.807	145.559	5.245	0.24975	2.54876	6 X
K06H25U	16.3	0.15	K107N	32.856	192.744	54.173	13.240	0.17835	2.41115	6 W
K06H26J	16.2	0.15	K107N	220.205	333.145	58.758	13.435	0.16544	2.52971	7 X
K06H28R	16.0	0.15	K107N	344.459	162.269	99.997	16.769	0.11226	2.58308	3 X
K06H35E	17.2	0.15	K107N	20.182	155.512	50.287	4.670	0.19338	2.58451	4 X
K06H36R	15.8	0.15	K107N	296.593	116.208	211.697	27.264	0.27301	2.61343	4 X
K06H37B	16.5	0.15	K107N	7.310	299.420	214.834	7.393	0.18371	2.72987	3 W
K06H37S	17.0	0.15	K107N	295.755	112.489	188.609	14.134	0.12720	2.58383	6 X
K06H38L	16.8	0.15	K107N	312.316	109.427	180.164	8.393	0.15579	2.56483	5 X
K06H38P	16.7	0.15	K107N	42.381	94.866	59.365	11.452	0.23815	2.62574	4 X
K06H40W	15.6	0.15	K107N	227.571	92.995	183.077	15.656	0.05518	3.19287	5 W
K06H48C	16.5	0.15	K107N	318.333	123.138	146.736	4.367	0.07166	2.59283	6 X
K06H48X	16.0	0.15	K107N	298.426	194.438	103.668	13.019	0.08687	2.60348	7 X
K06H54H	17.1	0.15	K107N	13.000	184.780	32.727	8.994	0.16056	2.53072	5 X
K06H55K	16.2	0.15	K107N	66.987	44.998	116.030	7.000	0.12489	2.48391	6 X
K06H56T	14.8	0.15	K107N	202.170	248.939	52.391	15.081	0.15449	3.18561	6 W
K06H58T	16.5	0.15	K107N	32.451	89.142	110.028	7.338	0.15150	2.56097	5 X
K06H60N	14.9	0.15	K107N	267.355	50.617	196.254	27.007	0.12892	3.11174	5 W
K06H61S	16.6	0.15	K107N	72.421	63.106	26.127	28.972	0.41059	2.59327	2 X
K06H71O	15.8	0.15	K107N	291.848	109.144	121.906	5.983	0.10453	2.98674	5 X
K06H77A	17.0	0.15	K107N	20.928	87.598	105.451	12.221	0.19716	2.64732	2 X
K06H80J	16.5	0.15	K107N	223.344	125.870	205.842	1.335	0.11745	2.87022	7 X
K06H80S	17.3	0.15	K107N	356.473	188.368	40.041	4.206	0.06084	2.62377	5 X
K06H82B	17.0	0.15	K107N	254.297	243.690	107.338	2.423	0.05043	2.56323	6 X
K06H84Z	15.5	0.15	K107N	45.055	238.183	212.998	10.008	0.15974	3.12657	6 W
K06H87J	17.5	0.15	K107N	304.041	101.191	199.290	4.154	0.23354	2.54591	5 X
K06H89N	16.0	0.15	K107N	22.944	162.716	60.193	13.386	0.20955	2.54550	3 X
K06H89Y	15.8	0.15	K107N	273.322	176.963	128.489	13.829	0.11922	2.68335	7 X
K06H92E	16.7	0.15	K107N	343.255	103.296	148.333	4.467	0.12227	2.60665	6 X
K06H93R	16.1	0.15	K107N	46.483	358.224	174.175	12.094	0.09835	2.62224	6 W
K06H93S	15.8	0.15	K107N	261.240	113.586	138.277	11.041	0.06602	3.09009	2 W
K06H93Z	15.4	0.15	K107N	251.764	140.265	127.903	10.209	0.07699	3.07146	4 X
K06H94M	15.5	0.15	K107N	69.631	224.205	200.276	19.284	0.07081	3.21504	8 W
K06H95W	16.9	0.15	K107N	330.609	191.097	34.776	0.622	0.01177	2.76477	6 X
K06H99M	17.5	0.15	K107N	306.261	83.089	184.705	1.665	0.02379	2.70113	6 X
K06HB7C	15.2	0.15	K107N	256.167	185.405	63.750	18.324	0.06007	3.20116	4 W
K06HC5A	16.9	0.15	K107N	310.165	247.170	53.205	6.395	0.22315	2.60919	4 X
K06HD0Y	16.3	0.15	K107N	225.174	105.875	180.578	4.498	0.02418	2.76788	4 W
K06HF2Z	16.6	0.15	K107N	68.763	65.988	81.793	9.069	0.13745	2.61870	3 X
K06J03X	15.8	0.15	K107N	215.513	239.216	49.231	10.481	0.03765	3.10060	4 W
K06J06L	16.6	0.15	K107N	56.884	79.041	61.259	12.367	0.14520	2.68907	3 X
K06J07G	15.0	0.15	K107N	232.133	61.948	213.938	13.159	0.16059	3.17630	7 W
K06J10L	17.0	0.15	K107N	268.359	307.561	3.456	1.221	0.08037	2.71598	7 X
K06J18A	16.3	0.15	K107N	318.583	224.538	55.638	17.505	0.11696	2.60994	5 X
K06J27Z	17.3	0.15	K107N	10.769	54.471	162.328	3.333	0.13643	2.60823	4 X
K06J30B	16.0	0.15	K107N	103.611	320.598	152.338	3.870	0.16510	2.56786	8 W
K06J30D	17.1	0.15	K107N	293.435	244.478	82.145	4.939	0.15469	2.52729	6 X

K06J30L	17.0	0.15	K107N	326.919	159.812	114.250	2.664	0.15717	2.58738	6	X
K06J30X	17.0	0.15	K107N	305.028	303.741	359.892	1.712	0.11937	2.52221	6	X
K06J32M	16.6	0.15	K107N	132.517	275.779	173.969	12.762	0.16296	2.58727	5	X
K06J33C	16.6	0.15	K107N	65.090	64.287	94.100	12.829	0.09562	2.58914	4	W
K06J36G	17.0	0.15	K107N	326.984	170.438	122.995	3.198	0.17901	2.55471	4	X
K06J37F	17.1	0.15	K107N	332.727	217.225	74.556	7.292	0.13727	2.45336	6	X
K06J41S	16.0	0.15	K107N	55.870	348.336	167.682	10.542	0.16535	2.63544	6	W
K06J47Q	16.0	0.15	K107N	345.317	189.013	65.874	6.520	0.10565	2.58896	6	X
K06J47R	16.1	0.15	K107N	333.920	148.294	113.817	14.529	0.23348	2.61577	7	X
K06J49A	15.6	0.15	K107N	46.476	18.950	134.284	14.607	0.19810	2.61930	5	X
K06J52F	16.1	0.15	K107N	8.089	136.619	69.123	15.836	0.08731	2.67946	3	X
K06J54X	15.4	0.15	K107N	58.310	113.165	50.148	22.766	0.07966	2.62718	4	X
K06J55D	16.3	0.15	K107N	291.099	282.152	57.203	13.136	0.25572	2.57286	3	X
K06J56Z	17.0	0.15	K107N	17.119	171.757	46.997	14.423	0.19276	2.56841	3	X
K06J61D	17.4	0.15	K107N	313.027	77.567	206.143	2.725	0.20730	2.62283	4	X
K06K00Q	16.8	0.15	K107N	5.371	153.735	82.477	6.180	0.20171	2.57686	3	X
K06K00X	15.6	0.15	K107N	323.858	183.830	80.571	15.221	0.15993	2.70704	6	X
K06K02Q	15.9	0.15	K107N	70.223	40.132	121.703	15.739	0.04586	2.54023	4	X
K06K03B	16.0	0.15	K107N	39.568	64.102	120.198	6.369	0.21375	2.59069	3	X
K06K05E	17.1	0.15	K107N	320.588	230.198	73.595	2.863	0.15392	2.53949	6	W
K06K09S	14.7	0.15	K107N	269.678	164.815	82.797	12.346	0.06961	3.09737	6	X
K06K09X	16.6	0.15	K107N	350.261	174.581	73.684	5.945	0.14645	2.59948	7	X
K06K11K	16.0	0.15	K107N	15.792	133.549	64.042	14.161	0.10468	2.68723	5	X
K06K14W	16.0	0.15	K107N	354.903	129.220	101.371	13.981	0.14322	2.61277	3	X
K06K17H	16.0	0.15	K107N	328.556	221.289	62.257	13.798	0.15616	2.59849	7	X
K06K19G	16.5	0.15	K107N	8.260	54.146	176.752	8.305	0.18988	2.58697	3	X
K06K20N	15.2	0.15	K107N	253.734	107.316	149.948	16.529	0.15186	3.13627	5	W
K06K22N	16.0	0.15	K107N	23.331	85.841	99.842	12.716	0.13730	2.69063	3	X
K06K28N	15.5	0.15	K107N	71.007	7.298	60.645	10.224	0.06356	3.16744	4	W
K06K31H	16.1	0.15	K107N	83.070	162.726	250.753	3.116	0.05300	3.20300	3	W
K06K31W	17.1	0.15	K107N	45.965	295.026	236.011	8.135	0.08705	2.63077	4	X
K06K33C	16.7	0.15	K107N	213.431	155.068	204.172	3.176	0.10556	2.77648	7	X
K06K35L	17.2	0.15	K107N	50.881	314.258	199.042	1.328	0.16374	2.66993	3	X
K06K35M	17.0	0.15	K107N	340.392	56.048	191.442	15.542	0.15515	2.67546	3	X
K06K41F	16.3	0.15	K107N	327.486	153.651	121.588	4.944	0.08598	2.60436	6	X
K06K41Q	16.2	0.15	K107N	347.773	151.820	112.083	5.645	0.16496	2.59403	6	X
K06K46Y	17.1	0.15	K107N	219.828	295.399	90.853	5.024	0.11172	2.59305	5	X
K06K49E	16.6	0.15	K107N	328.843	148.554	106.682	3.066	0.02444	2.67010	5	X
K06K53F	16.3	0.15	K107N	54.745	83.801	79.925	13.556	0.11886	2.63739	4	X
K06K54W	17.0	0.15	K107N	257.585	268.469	95.283	5.242	0.19400	2.57934	7	X
K06K59A	16.8	0.15	K107N	264.083	137.114	187.623	5.427	0.22590	2.77085	4	X
K06K60E	16.3	0.15	K107N	306.822	163.656	145.365	6.182	0.15238	2.59843	6	X
K06K65T	16.5	0.15	K107N	169.535	354.178	68.369	5.632	0.17659	2.59097	6	X
K06K70W	15.8	0.15	K107N	276.549	139.969	90.025	9.677	0.02916	3.13839	4	W
K06K74H	17.0	0.15	K107N	92.940	8.772	133.334	8.368	0.02031	2.62873	4	X
K06K86F	16.2	0.15	K107N	72.878	34.520	122.317	15.626	0.09110	2.56384	6	X
K06K91H	16.6	0.15	K107N	297.715	186.341	121.604	9.943	0.15922	2.57495	6	X
K06KA0W	15.8	0.15	K107N	77.048	107.598	48.999	11.197	0.06766	2.57080	5	X
K06KA3R	15.4	0.15	K107N	339.074	74.696	93.424	10.594	0.04857	3.16858	5	W
K06KA5A	16.4	0.15	K107N	61.048	352.449	157.529	13.076	0.25364	2.61630	6	X
K06KB4T	16.1	0.15	K107N	358.814	41.206	172.390	10.699	0.19668	2.67929	5	X
K06KB4W	15.9	0.15	K107N	8.326	71.664	165.741	17.823	0.22794	2.59838	4	X
K06KB8E	16.5	0.15	K107N	24.899	74.386	134.564	11.989	0.24267	2.55959	2	X
K06KC1B	16.0	0.15	K107N	14.851	77.618	122.407	13.250	0.21067	2.66999	5	X
K06KC3B	16.0	0.15	K107N	243.631	169.686	183.641	14.558	0.05084	2.66345	7	W
K06KC3U	15.1	0.15	K107N	332.282	249.843	51.567	14.727	0.23354	2.55262	6	X
K06KE2J	15.8	0.15	K107N	317.721	307.036	245.071	8.925	0.02343	3.15518	3	S
K06L00N	15.3	0.15	K107N	259.009	341.392	279.683	10.125	0.18683	3.11613	6	W

K06L02P	15.3	0.15	K107N	327.466	185.113	74.104	15.574	0.16597	2.72178	8 X
K06L02U	14.8	0.15	K107N	274.694	162.887	86.658	18.889	0.20118	3.11144	5 W
K06L02V	17.0	0.15	K107N	349.324	128.155	123.822	3.169	0.22811	2.62863	3 X
K06M11J	15.4	0.15	K107N	290.469	64.406	257.482	11.937	0.19013	2.85764	7 X
K06O09K	16.7	0.15	K107N	280.395	149.808	170.241	12.187	0.05119	2.92425	3 X
K06O10U	17.8	0.15	K107N	92.936	173.373	335.277	33.715	0.34995	1.75409	3 W
K06O14K	16.5	0.15	K107N	3.851	325.705	322.841	5.100	0.26963	2.55852	5 W
K06O15K	15.9	0.15	K107N	314.464	276.046	22.897	7.048	0.32209	2.78138	4 X
K06O18N	15.7	0.15	K107N	308.051	256.516	64.600	12.814	0.18677	2.69840	4 X
K06P13W	15.9	0.15	K107N	349.214	227.876	30.617	9.620	0.23242	2.76603	6 X
K06P27M	16.0	0.15	K107N	331.778	283.271	49.414	17.505	0.17815	2.56872	3 W
K06P28C	16.1	0.15	K107N	21.206	223.439	32.737	13.601	0.21510	2.59880	7 W
K06P31W	16.1	0.15	K107N	316.584	263.855	100.940	13.007	0.31407	2.59491	4 W
K06P34S	16.9	0.15	K107N	341.642	114.311	172.200	6.787	0.22801	2.67083	7 X
K06P37H	16.3	0.15	K107N	316.243	246.270	61.790	6.112	0.31189	2.75298	2 X
K06Q30P	15.0	0.15	K107N	283.047	297.182	344.240	23.042	0.19790	3.19353	4 X
K06Q57L	16.4	0.15	K107N	358.169	352.621	295.970	11.637	0.18293	2.65012	4 W
K06Q77H	15.8	0.15	K107N	283.624	155.668	164.999	11.514	0.08990	2.94907	5 X
K06Q98D	15.7	0.15	K107N	21.774	320.492	295.770	14.129	0.17818	2.65605	8 W
K06QA5K	15.4	0.15	K107N	216.172	189.336	181.130	9.805	0.07165	3.17199	6 X
K06QB3T	15.4	0.15	K107N	12.035	281.821	351.897	17.536	0.17931	2.68435	4 W
K06QC0Y	17.3	0.15	K107N	330.686	102.366	196.309	7.284	0.21031	2.75985	4 W
K06QF2G	17.0	0.15	K107N	168.311	344.990	130.231	0.613	0.02275	2.76608	6 W
K06QF2H	15.4	0.15	K107N	196.917	243.985	153.942	9.960	0.08737	3.16344	6 X
K06QG8Q	15.6	0.15	K107N	239.350	339.162	22.112	14.564	0.19732	3.15853	4 X
K06QH0O	16.1	0.15	K107N	248.579	202.192	156.191	9.952	0.13413	2.97401	5 X
K06R02Z	16.6	0.15	K107N	14.568	274.128	354.334	8.045	0.17389	2.72119	4 W
K06R10D	16.1	0.15	K107N	338.844	146.679	171.197	7.549	0.14343	2.72179	5 W
K06R23S	16.6	0.15	K107N	258.414	149.295	180.299	10.438	0.12552	3.16291	3 X
K06R34T	15.8	0.15	K107N	234.656	186.246	195.843	11.645	0.17133	3.12935	7 X
K06R41Z	16.5	0.15	K107N	282.500	140.770	185.136	7.027	0.08219	3.16912	4 X
K06R48T	15.6	0.15	K107N	56.714	207.412	8.828	8.253	0.07898	3.03851	4 W
K06RA4U	15.8	0.15	K107N	321.093	132.836	151.806	1.595	0.10349	3.16678	7 X
K06S06J	17.2	0.15	K107N	281.898	46.581	351.731	2.218	0.30173	2.72371	2 S
K06S08V	15.2	0.15	K107N	222.824	186.667	190.954	17.443	0.09165	3.22508	6 X
K06S26D	16.2	0.15	K107N	308.366	93.817	260.673	5.885	0.15212	2.74937	5 W
K06S33B	16.6	0.15	K107N	292.825	127.186	187.991	13.993	0.25761	3.00431	4 X
K06S44R	15.0	0.15	K107N	259.709	242.552	101.965	12.443	0.15119	3.12495	7 X
K06S46X	15.7	0.15	K107N	225.930	169.673	208.497	6.716	0.15946	3.19856	4 W
K06S56C	15.5	0.15	K107N	294.950	346.238	31.590	8.778	0.23391	2.77264	6 W
K06S90L	15.6	0.15	K107N	57.322	197.662	19.935	16.512	0.07680	3.08582	3 W
K06SA8J	15.6	0.15	K107N	289.021	275.359	46.934	12.931	0.12835	3.05785	6 X
K06SF9Y	16.2	0.15	K107N	322.712	108.613	177.077	4.975	0.14022	3.19858	5 X
K06SH7D	15.9	0.15	K107N	304.349	126.898	168.592	2.552	0.21300	3.10965	4 X
K06SH8F	16.0	0.15	K107N	249.753	183.577	182.751	8.327	0.09826	3.09070	6 X
K06SI8Y	15.8	0.15	K107N	322.897	175.707	90.325	3.074	0.17411	3.19887	5 X
K06SP2T	16.7	0.15	K107N	284.924	114.326	194.010	15.903	0.21825	3.17781	3 X
K06SQ5S	14.9	0.15	K107N	288.986	192.117	137.655	13.332	0.12812	3.13047	5 X
K06SS5J	15.9	0.15	K107N	301.745	276.245	30.644	6.963	0.15886	3.11863	5 X
K06SS6L	14.5	0.15	K107N	151.527	15.519	59.811	18.938	0.04394	3.54828	3 X
K06SX4S	16.5	0.15	K107N	307.436	186.920	117.845	3.095	0.13283	3.10262	5 X
K06SX9A	16.3	0.15	K107N	301.102	250.589	51.997	5.715	0.23265	3.07332	3 X
K06SZ2B	16.0	0.15	K107N	259.445	150.154	207.726	14.485	0.12865	3.12389	4 X
K06SZ7L	15.7	0.15	K107N	279.356	158.073	197.520	12.176	0.23903	3.04787	3 X
K06Sa6G	15.0	0.15	K107N	125.935	109.858	35.592	17.685	0.04209	3.38026	4 W
K06Sa7T	16.3	0.15	K107N	328.660	257.645	79.128	12.716	0.20339	2.68407	6 W
K06T13O	15.2	0.15	K107N	161.120	294.819	180.881	20.496	0.02168	3.04181	4 W
K06T28M	15.5	0.15	K107N	295.599	116.547	210.109	13.585	0.19716	3.11511	3 X

K06T45G	16.1	0.15	K107N	309.219	251.790	71.446	3.581	0.24054	3.04966	6	W
K06T61R	15.5	0.15	K107N	126.708	262.952	250.571	10.039	0.03638	2.90369	5	W
K06T67B	15.6	0.15	K107N	321.748	38.731	287.687	7.806	0.09030	2.88879	4	W
K06TB6B	16.7	0.15	K107N	324.253	171.541	119.307	5.524	0.10694	3.10533	4	X
K06U88V	15.3	0.15	K107N	330.137	282.356	41.877	15.968	0.08003	3.02913	3	W
K06UE2H	15.4	0.15	K107N	328.221	259.655	26.750	13.350	0.24985	3.19399	4	X
K06UE3T	15.4	0.15	K107N	304.609	306.285	41.157	16.930	0.10081	3.09365	7	W
K06UE8L	15.8	0.15	K107N	296.578	283.854	10.653	16.356	0.19718	3.11575	2	X
K06UK1X	16.5	0.15	K107N	301.355	308.379	61.736	12.333	0.23133	2.70801	3	W
K06V74F	16.0	0.15	K107N	312.989	211.909	145.201	2.137	0.23092	2.93753	5	W
K06VB0E	15.4	0.15	K107N	299.381	38.153	326.227	4.814	0.17183	2.98253	6	W
K06W87W	15.8	0.15	K107N	307.196	240.045	84.328	11.145	0.21797	3.16284	6	X
K06Y01N	15.1	0.15	K107N	299.586	285.133	69.976	11.596	0.10812	3.21270	6	W
K07D39O	17.2	0.15	K107N	34.816	30.065	97.237	3.304	0.07714	2.29420	4	W
K07D56B	19.2	0.15	K107N	86.496	122.151	349.049	7.720	0.36046	2.02913	3	X
K07D60W	17.4	0.15	K107N	96.123	322.696	165.549	23.571	0.04734	1.98698	4	X
K07DB7E	17.3	0.15	K107N	26.764	188.152	19.589	20.205	0.04163	1.98548	3	X
K07E18R	17.5	0.15	K107N	324.425	127.128	82.702	2.836	0.10066	2.29311	5	W
K07E54H	17.2	0.15	K107N	312.286	53.327	176.328	5.334	0.18709	2.35586	6	W
K07EH4V	17.5	0.15	K107N	309.044	29.017	202.824	5.492	0.19677	2.33178	6	W
K07EI4Q	17.3	0.15	K107N	121.177	65.647	41.262	23.740	0.11028	1.97461	4	X
K07F28A	12.8	0.15	K107N	328.190	320.407	348.773	26.545	0.07171	5.26461	6	W
K07F33R	18.2	0.15	K107N	303.022	115.533	165.831	0.797	0.11736	2.11358	6	X
K07G32E	17.7	0.15	K107N	137.789	67.124	23.792	19.516	0.13886	1.99040	4	X
K07G66L	16.2	0.15	K107N	69.863	214.348	217.147	9.728	0.22256	2.52475	3	W
K07G77N	16.1	0.15	K107N	173.871	274.807	65.317	13.351	0.04225	2.60273	2	W
K07H04X	17.7	0.15	K107N	151.583	14.479	41.690	56.560	0.33155	1.31745	4	W
K07H28E	17.3	0.15	K107N	284.964	113.395	177.308	1.946	0.20294	2.32487	4	X
K07H56W	17.5	0.15	K107N	8.132	344.343	182.707	4.775	0.16968	2.34662	6	W
K07H66V	16.3	0.15	K107N	3.644	47.478	115.253	7.482	0.07672	2.45990	5	X
K07J25Y	17.9	0.15	K107N	349.706	49.152	172.575	5.310	0.10176	2.26436	3	X
K07J33G	15.9	0.15	K107N	99.911	277.075	114.891	8.824	0.17061	2.78541	6	W
K07J36V	16.5	0.15	K107N	262.083	205.831	58.758	5.064	0.15606	2.42912	7	W
K07J42E	15.6	0.15	K107N	285.770	137.071	103.275	27.996	0.07495	2.58911	3	W
K07K07L	16.4	0.15	K107N	256.451	299.486	50.654	3.612	0.33249	2.42025	8	X
K07M13K	20.0	0.15	K107N	283.800	259.855	95.125	19.881	0.13969	1.02441	3	S
K07M13L	20.2	0.15	K107N	23.588	139.224	135.566	18.013	0.08486	1.29737	2	H
K07N01R	16.9	0.15	K107N	340.289	106.129	167.158	7.869	0.12502	2.28465	4	X
K07N02A	14.8	0.15	K107N	203.289	142.204	148.911	28.129	0.19888	3.19572	3	W
K07N04O	15.2	0.15	K107N	214.334	67.068	225.371	14.254	0.24548	3.14083	4	W
K07O00P	16.4	0.15	K107N	92.905	341.463	122.793	14.660	0.11605	2.58000	6	X
K07O04U	17.0	0.15	K107N	339.116	171.196	98.290	7.798	0.08528	2.35056	5	X
K07O04V	17.0	0.15	K107N	243.412	271.115	99.216	7.548	0.23467	2.46547	5	X
K07O04W	16.5	0.15	K107N	248.233	328.913	340.310	12.565	0.14903	2.69392	3	X
K07O06A	16.5	0.15	K107N	302.373	162.169	110.226	7.483	0.13574	2.55174	5	X
K07O07R	17.5	0.15	K107N	288.863	85.111	208.213	0.468	0.18267	2.44511	5	X
K07O08C	16.3	0.15	K107N	289.929	122.294	188.202	4.472	0.13058	2.42219	6	X
K07P00E	16.9	0.15	K107N	275.837	151.952	192.310	6.174	0.13203	2.39070	5	X
K07P15B	16.0	0.15	K107N	276.132	213.530	125.509	7.844	0.13905	2.40458	4	X
K07P16X	16.2	0.15	K107N	299.812	247.717	81.517	3.358	0.21103	2.39187	6	X
K07P18A	16.8	0.15	K107N	253.542	184.490	157.219	3.250	0.14882	2.48812	5	X
K07P21X	16.9	0.15	K107N	272.080	237.978	123.756	6.013	0.20952	2.36082	3	X
K07P22M	15.7	0.15	K107N	275.233	306.745	34.666	22.516	0.25526	2.41104	4	X
K07P25X	17.4	0.15	K107N	325.820	179.366	115.597	6.139	0.17081	2.30001	5	X
K07P27H	17.2	0.15	K107N	292.258	258.369	54.737	6.242	0.11693	2.45921	5	X
K07P28A	17.1	0.15	K107N	223.743	329.402	34.402	7.138	0.20606	2.67110	3	X
K07P29B	16.4	0.15	K107N	222.824	336.455	31.555	14.405	0.25740	2.68751	3	X
K07P31Q	17.2	0.15	K107N	272.254	315.934	23.983	1.715	0.20808	2.38556	6	W

K07P34P	16.3	0.15	K107N	297.814	156.903	148.627	9.278	0.10845	2.39462	5 X
K07P38J	15.1	0.15	K107N	260.292	279.688	331.367	16.432	0.18482	3.10140	4 W
K07P40O	15.1	0.15	K107N	192.703	180.155	174.643	9.773	0.18458	3.08696	6 X
K07P49L	17.4	0.15	K107N	353.658	285.796	333.655	3.225	0.24944	2.25382	5 X
K07Q02H	16.7	0.15	K107N	174.960	14.482	15.141	3.091	0.08711	2.81729	6 X
K07Q07O	17.3	0.15	K107N	304.750	113.493	204.905	1.999	0.18652	2.35132	5 W
K07Q09Z	17.3	0.15	K107N	335.650	219.058	73.931	2.235	0.22086	2.28719	7 W
K07Q11Y	15.6	0.15	K107N	269.471	327.590	21.038	12.302	0.27685	2.59248	5 X
K07Q13Q	18.2	0.15	K107N	316.219	118.700	192.637	3.567	0.19069	2.32167	5 W
K07R19M	17.7	0.15	K107N	299.505	181.716	146.055	2.001	0.19841	2.36171	5 X
K07R19O	16.2	0.15	K107N	259.925	318.499	358.000	11.196	0.20093	2.66572	3 X
K07R23J	16.8	0.15	K107N	322.535	2.528	294.373	4.945	0.20466	2.34260	5 W
K07R24L	16.2	0.15	K107N	243.427	334.217	8.962	15.154	0.20799	2.71314	4 X
K07R31J	16.1	0.15	K107N	313.719	55.880	237.531	6.160	0.14969	2.41768	4 X
K07R32K	16.2	0.15	K107N	301.525	298.124	9.151	12.607	0.25924	2.39641	3 X
K07R33R	16.1	0.15	K107N	286.862	285.870	58.242	5.932	0.26818	2.39012	6 X
K07R36P	17.1	0.15	K107N	306.296	335.874	337.281	1.749	0.21462	2.41560	6 X
K07R37M	15.1	0.15	K107N	131.279	254.251	180.880	11.668	0.11372	3.04967	4 X
K07R39L	16.9	0.15	K107N	247.202	325.135	8.686	4.032	0.13552	2.67625	6 X
K07R45P	16.9	0.15	K107N	329.053	333.820	305.991	4.544	0.21327	2.41137	6 X
K07R48J	16.3	0.15	K107N	298.884	99.567	180.514	4.239	0.07487	2.80871	2 X
K07R48Q	15.4	0.15	K107N	136.587	49.499	12.401	19.854	0.12770	3.22779	4 W
K07R49D	15.9	0.15	K107N	40.344	153.067	12.612	16.624	0.16149	3.14359	3 X
K07R49P	16.5	0.15	K107N	21.857	22.850	194.412	6.079	0.07231	2.67465	3 X
K07R50N	15.8	0.15	K107N	40.372	296.216	223.750	9.393	0.08922	3.04730	4 W
K07R68F	17.7	0.15	K107N	310.021	165.754	130.133	1.807	0.18155	2.43379	3 X
K07R81R	15.4	0.15	K107N	133.668	239.100	166.302	10.505	0.04269	3.11281	6 X
K07R82L	16.8	0.15	K107N	308.934	258.407	352.834	11.021	0.04003	2.83404	2 X
K07R93N	16.9	0.15	K107N	327.460	192.014	108.636	3.593	0.18061	2.36910	6 X
K07R95J	17.5	0.15	K107N	307.693	123.959	199.462	8.059	0.22799	2.47343	4 X
K07R95P	16.7	0.15	K107N	355.291	88.730	143.826	4.263	0.04326	2.80294	5 X
K07R96Q	15.3	0.15	K107N	33.918	149.194	27.771	15.304	0.14708	3.07682	2 X
K07R97S	17.2	0.15	K107N	287.758	245.184	90.893	2.767	0.20409	2.45232	4 X
K07R97U	15.3	0.15	K107N	210.846	171.368	172.247	12.892	0.19895	3.04725	7 X
K07R98C	17.1	0.15	K107N	322.787	140.723	161.173	8.453	0.21133	2.39459	5 X
K07RA3H	17.6	0.15	K107N	325.999	123.280	192.018	3.784	0.31521	2.25762	4 X
K07RA7M	15.0	0.15	K107N	95.871	235.767	176.773	3.483	0.29978	3.99448	4 X
K07RA9Q	16.9	0.15	K107N	305.175	51.263	213.640	1.300	0.01366	2.90015	5 X
K07RB5R	16.4	0.15	K107N	199.710	144.674	246.531	2.740	0.10686	2.77562	6 X
K07RB9W	17.7	0.15	K107N	324.145	182.022	122.116	2.337	0.19260	2.33744	5 X
K07RC4L	15.6	0.15	K107N	24.770	79.971	27.267	3.084	0.18621	3.95416	5 W
K07RC5X	16.5	0.15	K107N	176.809	161.827	222.847	1.092	0.08638	2.91808	7 X
K07RD4S	17.3	0.15	K107N	259.887	132.432	218.356	3.299	0.15867	2.51465	7 X
K07RD6Q	16.7	0.15	K107N	287.795	291.143	358.306	14.688	0.14330	2.64905	2 X
K07RF7N	16.4	0.15	K107N	303.012	245.456	78.389	4.484	0.19932	2.35922	7 X
K07RG1L	16.2	0.15	K107N	295.633	222.142	71.831	4.614	0.05376	2.71674	7 X
K07RH3J	16.9	0.15	K107N	320.307	134.618	150.749	6.142	0.11889	2.54672	6 X
K07RH7W	16.4	0.15	K107N	316.268	247.025	27.736	9.941	0.09849	2.65546	3 X
K07RH9F	15.4	0.15	K107N	131.882	248.565	209.050	10.020	0.05905	3.15122	6 X
K07RI5P	14.8	0.15	K107N	56.573	121.435	23.347	26.830	0.16037	3.12156	5 X
K07RI6F	16.8	0.15	K107N	3.243	35.453	193.197	11.904	0.13597	2.68813	3 W
K07RJ2Q	16.4	0.15	K107N	197.261	227.019	170.562	12.569	0.13822	2.71354	6 X
K07RJ4R	17.7	0.15	K107N	331.021	247.766	44.609	2.045	0.18237	2.38415	4 W
K07RK3K	15.8	0.15	K107N	109.811	92.555	7.989	4.630	0.12361	3.10842	5 W
K07RK4E	14.8	0.15	K107N	115.306	251.498	197.217	17.285	0.13619	3.16194	6 X
K07RK6Q	16.9	0.15	K107N	232.132	252.406	101.954	2.847	0.07693	2.76178	5 X
K07RK8T	15.8	0.15	K107N	253.626	128.899	167.002	10.524	0.09359	3.01632	5 X
K07RK8W	16.4	0.15	K107N	40.773	19.679	169.665	13.179	0.09142	2.72766	5 X

K07RL0V	16.5	0.15	K107N	231.042	161.570	182.285	5.351	0.08054	2.70712	7 X
K07RL3J	17.5	0.15	K107N	294.653	334.879	343.302	2.647	0.19943	2.41933	4 W
K07RL9C	16.7	0.15	K107N	243.147	29.039	283.933	1.114	0.03783	3.04005	4 X
K07RM2S	16.4	0.15	K107N	317.709	278.298	347.801	4.004	0.22550	2.63162	5 X
K07RM3C	16.6	0.15	K107N	242.851	164.052	186.096	9.535	0.20048	2.71322	4 X
K07RM6F	17.0	0.15	K107N	314.735	137.422	159.296	6.092	0.14346	2.39034	3 X
K07RM6S	16.8	0.15	K107N	233.030	208.691	150.805	4.235	0.18993	2.68912	4 X
K07RM7Z	16.0	0.15	K107N	228.576	309.422	65.404	1.977	0.05051	2.97419	7 W
K07RN3N	16.6	0.15	K107N	200.883	249.876	144.445	8.348	0.23899	2.78625	5 X
K07RN5S	16.3	0.15	K107N	260.524	332.978	342.323	3.456	0.07077	2.73882	5 X
K07RO3G	17.1	0.15	K107N	270.095	235.893	113.164	3.423	0.14091	2.46583	6 X
K07RO3H	16.6	0.15	K107N	331.654	217.326	65.728	4.521	0.20255	2.37607	4 X
K07RO5D	16.2	0.15	K107N	188.815	350.850	58.617	5.165	0.06764	2.78210	4 X
K07RO5R	16.1	0.15	K107N	300.318	270.082	358.729	12.409	0.09008	2.71500	6 X
K07RO6X	16.9	0.15	K107N	314.519	281.889	8.245	5.352	0.22321	2.39911	2 X
K07RP3A	15.9	0.15	K107N	184.946	14.753	4.214	11.910	0.12077	3.05927	4 X
K07RP5P	16.7	0.15	K107N	316.504	65.487	196.170	6.967	0.04142	2.68943	3 X
K07RQ0V	16.7	0.15	K107N	198.959	282.436	121.160	4.243	0.09556	2.72141	5 X
K07RQ3U	16.9	0.15	K107N	255.447	194.934	168.143	2.646	0.19066	2.43647	6 X
K07RR1D	15.5	0.15	K107N	20.187	272.683	283.610	3.773	0.04187	2.90687	5 W
K07RS4J	17.0	0.15	K107N	264.336	250.262	73.505	0.806	0.10818	2.65331	6 W
K07RS5R	16.1	0.15	K107N	6.155	213.705	13.195	4.048	0.04690	2.75851	5 X
K07RS5T	16.1	0.15	K107N	85.247	94.682	33.946	11.368	0.03936	3.13451	6 X
K07RS9W	16.3	0.15	K107N	243.776	194.554	166.589	3.000	0.04628	2.87744	7 X
K07RT4K	16.7	0.15	K107N	221.415	64.483	287.174	0.930	0.07794	2.94138	5 X
K07RU1C	16.5	0.15	K107N	114.506	274.171	189.546	12.693	0.09578	2.94965	5 X
K07RU2J	16.3	0.15	K107N	253.751	260.478	73.813	4.092	0.09360	2.99722	3 X
K07RU8S	16.9	0.15	K107N	59.847	307.758	196.371	9.402	0.04130	3.07850	3 X
K07RV0A	16.7	0.15	K107N	231.273	158.325	175.752	17.410	0.12526	2.72768	3 X
K07RV2G	16.8	0.15	K107N	233.029	311.074	43.747	5.732	0.12745	2.71067	5 X
K07RV8Q	17.1	0.15	K107N	317.813	260.528	14.590	3.175	0.15060	2.56049	5 X
K07RW0K	15.7	0.15	K107N	164.923	32.573	344.750	8.504	0.07931	3.18778	3 X
K07S00Q	16.4	0.15	K107N	326.385	218.869	73.902	6.068	0.21344	2.38829	8 W
K07S09L	16.2	0.15	K107N	183.899	324.201	62.896	4.037	0.24915	3.03562	3 X
K07S09O	15.5	0.15	K107N	249.014	138.469	170.391	9.880	0.09238	3.03834	3 X
K07S11Z	16.0	0.15	K107N	341.542	225.304	66.679	11.030	0.23677	2.33114	7 X
K07T09L	16.2	0.15	K107N	222.830	202.512	190.847	10.798	0.15317	2.61667	5 X
K07T15A	16.3	0.15	K107N	323.887	112.413	212.715	23.116	0.33623	2.24914	5 X
K07T17Q	14.9	0.15	K107N	140.335	227.343	213.773	17.080	0.12110	3.11173	6 X
K07T20A	16.2	0.15	K107N	240.053	325.135	27.188	12.527	0.21412	2.78143	4 X
K07T20C	16.1	0.15	K107N	197.366	55.468	315.833	1.122	0.23043	3.07760	5 X
K07T23O	14.4	0.15	K107N	196.763	114.095	330.140	26.059	0.18361	3.14993	5 W
K07T28X	15.9	0.15	K107N	336.295	234.087	31.486	12.868	0.14082	2.72733	5 X
K07T31M	16.9	0.15	K107N	249.382	344.849	7.491	2.700	0.13828	2.56675	6 W
K07T34V	15.5	0.15	K107N	201.927	337.472	39.920	12.126	0.11021	3.05411	3 X
K07T35Q	14.6	0.15	K107N	331.397	229.059	51.774	32.747	0.23007	2.64284	2 W
K07T37G	17.3	0.15	K107N	315.673	285.578	17.215	1.819	0.18095	2.44568	4 X
K07T37T	16.2	0.15	K107N	164.775	252.240	148.724	1.867	0.18012	3.09659	3 X
K07T41X	16.4	0.15	K107N	262.809	120.649	174.250	4.947	0.13693	2.80852	7 X
K07T44V	16.5	0.15	K107N	246.166	180.851	179.956	5.827	0.06085	2.68908	7 X
K07T46M	16.6	0.15	K107N	284.058	133.804	143.301	0.319	0.04379	3.01094	2 X
K07T55E	15.9	0.15	K107N	248.612	307.362	26.929	10.427	0.08311	2.97719	4 X
K07T56X	15.4	0.15	K107N	122.227	232.643	222.349	7.258	0.07562	3.21702	7 W
K07T61P	16.7	0.15	K107N	272.302	113.138	214.995	4.050	0.06550	2.77845	5 X
K07T67S	15.3	0.15	K107N	329.214	70.533	182.619	10.841	0.06666	2.92026	5 X
K07T68K	16.3	0.15	K107N	76.874	353.571	171.729	4.480	0.01078	2.79049	6 X
K07T68M	15.9	0.15	K107N	112.201	46.390	43.557	11.811	0.18736	3.44161	3 X
K07T74K	16.5	0.15	K107N	330.652	120.057	165.325	4.744	0.08379	2.56281	6 X

K07T85V	16.0	0.15	K107N	346.952	212.631	48.225	11.231	0.22698	2.64061	2	W
K07T86E	16.9	0.15	K107N	230.139	209.540	140.938	2.876	0.08139	3.01176	3	X
K07T87B	16.6	0.15	K107N	257.212	224.239	104.945	3.172	0.09275	2.93038	4	X
K07T94O	15.3	0.15	K107N	148.713	36.256	36.944	14.439	0.17169	3.08549	5	W
K07T94T	15.1	0.15	K107N	145.762	38.335	39.899	15.926	0.19078	3.10886	4	W
K07T95C	16.0	0.15	K107N	271.130	294.434	43.889	12.652	0.18348	2.62024	3	X
K07TA2Q	16.6	0.15	K107N	243.147	300.784	69.092	5.134	0.08342	2.76486	4	W
K07TA3V	15.7	0.15	K107N	99.729	71.944	54.769	9.702	0.08587	3.20937	3	X
K07TA9V	15.9	0.15	K107N	214.266	341.580	55.513	6.538	0.17304	2.73268	4	W
K07TC3E	16.4	0.15	K107N	266.146	170.702	167.715	2.714	0.28653	2.60842	6	X
K07TC3S	15.9	0.15	K107N	262.357	278.592	56.357	6.516	0.11603	2.78227	6	X
K07TC7S	16.3	0.15	K107N	304.314	244.635	55.958	5.252	0.05321	2.78075	4	X
K07TC9N	15.5	0.15	K107N	178.772	16.180	37.941	9.109	0.13569	3.04291	4	W
K07TE5Z	16.0	0.15	K107N	184.895	188.539	194.527	11.906	0.11893	3.06048	3	X
K07TF7P	15.5	0.15	K107N	126.937	244.998	214.814	16.232	0.22686	3.10104	5	W
K07TH5O	16.5	0.15	K107N	234.791	2.879	357.919	1.672	0.07993	2.86707	6	X
K07TH7T	16.1	0.15	K107N	181.063	332.175	58.329	4.273	0.17451	3.16568	3	X
K07TI0O	15.8	0.15	K107N	334.246	53.938	178.006	1.523	0.16283	2.88360	6	X
K07TI3H	15.6	0.15	K107N	124.750	73.807	21.655	9.283	0.06964	3.11707	4	X
K07TI8K	16.4	0.15	K107N	333.438	66.016	200.459	3.995	0.01868	2.77237	6	W
K07TJ2F	16.0	0.15	K107N	159.520	204.619	217.841	9.200	0.09576	2.98657	5	X
K07TJ4G	16.0	0.15	K107N	165.778	12.772	43.369	11.159	0.06975	2.99435	6	X
K07TJ9E	16.5	0.15	K107N	163.074	187.423	225.216	4.546	0.15642	3.13051	4	X
K07TK7W	15.3	0.15	K107N	143.221	324.711	110.809	9.672	0.17017	3.10214	6	X
K07TM1Z	17.7	0.15	K107N	321.855	153.479	154.498	1.468	0.19182	2.41368	4	W
K07TM2X	16.4	0.15	K107N	168.620	292.745	131.428	3.263	0.16807	2.97346	4	X
K07TM6R	17.0	0.15	K107N	327.896	163.549	124.839	1.678	0.14798	2.58658	6	X
K07TN0U	17.4	0.15	K107N	303.417	158.480	149.348	3.743	0.23815	2.60250	3	X
K07TN4P	16.7	0.15	K107N	304.459	246.029	64.571	5.455	0.21917	2.62917	5	X
K07TN4Y	16.4	0.15	K107N	223.456	15.545	317.576	1.146	0.06675	2.86200	8	X
K07TN6B	15.9	0.15	K107N	295.550	97.548	175.082	4.605	0.18486	2.91552	3	X
K07TP6G	15.4	0.15	K107N	288.394	87.171	182.078	3.453	0.05890	3.25028	4	X
K07TP9L	16.1	0.15	K107N	149.429	69.237	350.750	2.260	0.16117	3.15837	4	W
K07TQ0Y	15.9	0.15	K107N	0.080	206.354	45.955	13.047	0.21055	2.64659	2	S
K07TQ3D	16.3	0.15	K107N	337.445	231.589	41.161	5.470	0.11187	2.72840	3	W
K07TR2K	17.1	0.15	K107N	2.629	191.040	101.488	3.558	0.16880	2.32404	5	W
K07TS2F	16.5	0.15	K107N	233.931	97.087	227.811	0.996	0.07964	2.95242	4	X
K07TS3J	16.7	0.15	K107N	292.454	111.308	171.491	4.115	0.25910	2.70599	3	X
K07TS7Y	16.2	0.15	K107N	231.802	286.241	86.978	9.292	0.16518	2.66735	4	X
K07TT9F	16.6	0.15	K107N	235.446	100.516	241.848	1.722	0.16197	2.89908	4	X
K07TU2E	16.4	0.15	K107N	143.081	200.000	240.523	1.719	0.07356	3.09761	4	X
K07TV0L	16.2	0.15	K107N	118.797	1.818	114.143	3.127	0.03343	2.90004	6	X
K07TV3C	16.7	0.15	K107N	241.393	251.787	91.353	3.752	0.04551	2.91355	5	X
K07TV9V	16.3	0.15	K107N	265.050	116.637	200.248	4.387	0.13146	3.03499	5	X
K07TX9K	16.9	0.15	K107N	224.270	210.968	170.351	4.310	0.02084	2.59830	6	X
K07TZ0B	16.9	0.15	K107N	317.223	208.434	79.674	2.458	0.17814	2.38301	7	X
K07Ta0R	16.0	0.15	K107N	0.660	123.649	113.767	8.047	0.16541	3.04115	5	X
K07Ta5T	17.7	0.15	K107N	315.028	156.232	151.695	3.165	0.18840	2.40401	6	X
K07Tb6X	17.0	0.15	K107N	254.805	205.143	152.087	9.454	0.19507	2.57247	5	X
K07Tc1H	16.8	0.15	K107N	280.690	272.740	62.929	5.543	0.11909	2.60682	4	W
K07Tc5S	16.0	0.15	K107N	170.583	182.571	227.069	4.201	0.09444	3.02094	6	W
K07Tc8C	17.2	0.15	K107N	297.108	126.143	173.087	4.667	0.06340	2.67310	5	X
K07Tc9O	16.4	0.15	K107N	173.320	269.539	157.099	4.836	0.05317	2.79448	7	X
K07Td2E	15.8	0.15	K107N	325.941	53.841	194.156	9.815	0.04381	2.97466	4	X
K07Td3E	15.1	0.15	K107N	21.968	112.150	79.269	7.978	0.05814	3.12185	5	W
K07Td9L	16.0	0.15	K107N	140.475	250.229	199.548	13.613	0.20211	3.10189	4	X
K07Te6V	15.6	0.15	K107N	264.136	304.791	48.421	15.481	0.14096	2.67353	5	W
K07Tf8U	16.3	0.15	K107N	233.037	186.665	186.956	13.339	0.15127	2.76786	5	X

K07Tg8Y	16.7	0.15	K107N	238.388	30.188	302.547	0.775	0.08297	3.00633	4	X
K07Tg9H	16.3	0.15	K107N	83.715	90.745	53.023	7.311	0.07861	3.14955	4	X
K07Th0U	15.7	0.15	K107N	277.984	248.871	95.063	17.271	0.15752	3.07242	4	X
K07Th1E	16.2	0.15	K107N	75.737	139.015	8.374	2.342	0.07282	3.06045	4	X
K07Th2L	16.2	0.15	K107N	202.225	190.667	194.546	3.073	0.07567	2.96536	4	W
K07Ti2O	15.9	0.15	K107N	220.232	320.054	71.453	7.646	0.06910	2.75038	4	W
K07Ti3S	16.5	0.15	K107N	190.722	254.065	140.628	3.580	0.08971	2.96372	5	X
K07U02F	16.7	0.15	K107N	309.050	259.955	68.154	12.396	0.31350	2.31829	3	X
K07U09L	16.1	0.15	K107N	308.769	226.393	72.845	9.915	0.10527	2.64410	5	X
K07U10B	15.8	0.15	K107N	223.190	318.710	56.232	15.037	0.11192	2.73553	4	X
K07U14B	16.1	0.15	K107N	318.687	66.990	168.599	6.468	0.01263	3.12602	2	X
K07U17F	16.4	0.15	K107N	230.234	131.526	209.724	1.326	0.10356	2.95241	7	X
K07U20V	17.6	0.15	K107N	328.849	143.897	154.427	2.660	0.21174	2.41601	6	X
K07U25X	16.0	0.15	K107N	145.847	222.265	214.118	9.572	0.07663	3.21293	5	X
K07U28Z	17.6	0.15	K107N	352.207	333.562	336.080	2.553	0.19365	2.23211	5	W
K07U31C	15.9	0.15	K107N	158.577	237.763	188.934	16.528	0.15756	3.05790	5	X
K07U51H	15.4	0.15	K107N	163.332	229.489	209.606	15.580	0.06699	3.09178	6	X
K07U81R	16.7	0.15	K107N	205.825	273.148	100.896	3.280	0.07544	2.93123	5	X
K07U84E	15.6	0.15	K107N	16.826	166.369	52.304	7.318	0.05343	3.05556	5	X
K07U95Y	16.3	0.15	K107N	287.959	248.305	29.178	0.858	0.11644	2.97272	6	X
K07UA5D	15.0	0.15	K107N	288.540	252.244	77.066	12.130	0.21778	2.68183	8	X
K07UA6F	16.2	0.15	K107N	169.778	68.725	345.341	1.601	0.10135	3.15820	7	X
K07UA7L	15.2	0.15	K107N	182.516	336.103	69.933	10.706	0.15713	3.09604	6	X
K07UD1T	15.7	0.15	K107N	195.333	213.893	193.083	10.264	0.11073	3.00733	4	X
K07UD6B	15.2	0.15	K107N	257.720	231.451	101.590	16.576	0.06664	3.03610	5	W
K07V00Q	15.7	0.15	K107N	324.640	205.251	73.085	11.086	0.06731	2.82159	7	X
K07V13A	16.7	0.15	K107N	29.122	211.360	349.380	1.367	0.03057	2.92133	5	X
K07V34V	15.1	0.15	K107N	250.695	265.607	70.791	11.844	0.05971	3.18653	6	X
K07V57V	15.5	0.15	K107N	285.832	209.370	112.524	6.183	0.00442	2.95220	6	X
K07V62Z	16.4	0.15	K107N	268.954	61.320	253.742	0.106	0.16406	3.10265	6	X
K07V65N	15.1	0.15	K107N	353.959	293.235	290.941	4.998	0.06609	3.19273	3	X
K07V65X	16.4	0.15	K107N	2.965	195.651	23.984	9.495	0.13371	2.77596	4	X
K07V84F	15.2	0.15	K107N	155.475	143.225	282.643	8.813	0.03979	3.18779	7	W
K07V90P	14.9	0.15	K107N	142.939	34.119	55.234	17.586	0.07186	3.09895	3	X
K07VC0B	16.5	0.15	K107N	20.841	45.142	174.680	4.821	0.06081	2.72688	3	X
K07VD5D	16.7	0.15	K107N	261.233	342.085	341.787	1.307	0.06923	2.90036	3	W
K07VF8V	15.9	0.15	K107N	357.464	161.734	76.216	10.915	0.11423	3.10689	4	X
K07VH6L	17.1	0.15	K107N	185.380	19.322	26.072	4.635	0.07217	2.79742	4	X
K07VI9R	15.2	0.15	K107N	323.568	170.341	101.389	11.048	0.05550	3.07574	7	W
K07VI9U	16.1	0.15	K107N	126.752	121.911	26.912	6.404	0.09386	2.72147	5	W
K07VK7A	16.4	0.15	K107N	254.618	202.000	172.472	4.303	0.21958	2.59890	5	W
K07VM1L	17.6	0.15	K107N	313.406	253.906	40.341	5.908	0.23136	2.61536	3	X
K07VO1A	15.3	0.15	K107N	144.633	27.279	51.064	30.674	0.21529	3.12905	3	X
K07VO2V	16.7	0.15	K107N	313.072	213.967	80.382	5.356	0.04563	2.77002	3	X
K07VQ8U	15.4	0.15	K107N	211.310	315.617	69.926	16.960	0.08830	3.04014	4	X
K07VR3B	15.8	0.15	K107N	262.744	269.288	61.863	16.796	0.03367	3.01284	4	X
K07VS1Z	16.1	0.15	K107N	307.177	259.745	62.152	15.939	0.27256	2.54321	5	X
K07VT9S	15.6	0.15	K107N	259.171	233.780	134.409	14.949	0.23452	2.62955	7	X
K07VW1R	15.3	0.15	K107N	85.669	71.014	80.331	11.928	0.08822	3.21069	3	X
K07W03Z	15.9	0.15	K107N	89.459	100.266	36.966	16.732	0.07373	3.20824	3	W
K07W42E	15.7	0.15	K107N	228.664	307.461	73.857	9.858	0.10985	2.89721	3	X
K07W60X	15.5	0.15	K107N	310.652	45.649	257.728	6.740	0.21048	2.78759	6	X
K07X01X	15.7	0.15	K107N	247.846	284.907	72.227	10.245	0.14917	2.90762	3	X
K07X11S	15.8	0.15	K107N	90.462	83.468	58.660	18.031	0.09332	3.18559	5	X
K07X23D	14.7	0.15	K107N	328.473	180.700	86.146	9.901	0.05595	3.09948	6	X
K07X29G	16.6	0.15	K107N	198.895	346.210	55.996	12.802	0.05650	2.93223	4	X
K07Y32E	15.2	0.15	K107N	266.319	265.023	74.441	11.198	0.03439	3.10137	4	X
K08A01V	14.6	0.15	K107N	25.702	315.729	297.261	17.734	0.08981	3.24362	5	W

K08A02R	15.5	0.15	K107N	236.104	271.046	96.115	10.312	0.17309	3.14339	5 X
K08A34E	15.9	0.15	K107N	117.687	205.914	309.663	8.190	0.08065	3.37995	4 W
K08B24Q	15.3	0.15	K107N	291.147	59.744	299.086	20.727	0.07943	3.08964	4 W
K08E00E	19.8	0.15	K107N	2.437	332.348	343.627	16.160	0.21191	0.98167	3 X
K08F63O	14.0	0.15	K107N	335.302	255.290	66.000	10.168	0.23171	5.13750	4 W
K08F95A	13.0	0.15	K107N	303.286	260.648	82.651	7.177	0.05294	5.25389	8 W
K08G87T	13.0	0.15	K107N	344.057	278.891	23.003	35.793	0.13785	5.17707	4 W
K08GA6C	13.2	0.15	K107N	324.970	121.487	194.288	24.659	0.10046	5.24139	4 W
K08J26L	15.4	0.15	K107N	125.953	181.963	323.525	27.710	0.10882	3.16595	3 S
K08K11Z	16.2	0.15	K107N	125.473	216.818	137.831	13.814	0.30653	2.53599	5 W
K08N02Q	17.1	0.15	K107N	134.066	231.479	169.805	9.238	0.23044	2.32326	6 X
K08O04C	15.4	0.15	K107N	74.706	93.208	321.235	16.532	0.15438	2.87938	3 W
K08O24G	16.6	0.15	K107N	94.744	81.195	317.858	4.173	0.13266	2.74552	4 W
K08Q05G	17.5	0.15	K107N	159.626	56.187	351.176	4.430	0.13159	2.26751	6 X
K08Q05K	16.4	0.15	K107N	100.993	250.811	177.312	7.455	0.21083	2.76433	6 X
K08Q33V	16.1	0.15	K107N	113.873	21.790	355.680	9.134	0.13456	2.99357	3 W
K08Q47H	17.4	0.15	K107N	96.519	265.866	196.798	8.898	0.17980	2.42425	4 X
K08R05K	16.2	0.15	K107N	146.980	182.014	172.999	12.427	0.07682	2.83520	5 W
K08R08W	15.8	0.15	K107N	111.223	206.671	167.070	10.211	0.15461	3.18408	4 W
K08R26V	17.2	0.15	K107N	31.417	171.902	332.465	6.264	0.07665	2.31297	4 X
K08R30W	17.9	0.15	K107N	96.820	284.009	175.488	4.796	0.11365	2.31054	2 X
K08R32C	17.8	0.15	K107N	89.617	117.368	353.241	2.390	0.15600	2.31977	5 X
K08R57O	17.7	0.15	K107N	95.071	161.313	287.725	1.453	0.24915	2.61498	5 X
K08R63M	16.4	0.15	K107N	52.587	305.796	139.994	3.441	0.09560	2.96597	6 W
K08R80S	16.1	0.15	K107N	143.390	337.352	9.501	15.012	0.11476	3.02443	4 W
K08R88E	15.9	0.15	K107N	113.251	124.367	256.859	5.273	0.07178	3.04277	4 W
K08R96K	14.9	0.15	K107N	29.283	82.247	11.498	7.275	0.20748	3.99879	7 W
K08R97T	17.5	0.15	K107N	239.797	126.812	221.299	2.623	0.15672	2.20824	6 X
K08RA3R	16.7	0.15	K107N	98.431	87.986	342.103	12.566	0.18295	2.75472	2 X
K08RA3W	16.4	0.15	K107N	332.384	237.692	298.947	5.558	0.03625	2.81036	5 W
K08RD6L	17.6	0.15	K107N	139.986	353.045	71.202	2.863	0.21425	2.37809	3 X
K08RD8T	15.6	0.15	K107N	114.023	333.970	32.880	11.345	0.16025	3.21249	4 W
K08RD8U	15.9	0.15	K107N	264.010	120.931	124.362	5.325	0.01290	2.81257	7 W
K08S03R	16.1	0.15	K107N	113.896	242.507	167.890	12.029	0.21816	2.74927	2 X
K08S08N	16.2	0.15	K107N	80.981	99.140	328.270	8.120	0.14361	2.78305	4 X
K08S27Q	17.1	0.15	K107N	204.872	292.188	10.705	4.642	0.06276	2.70568	6 W
K08S30Q	17.0	0.15	K107N	208.790	73.799	229.939	9.931	0.08632	2.65274	3 W
K08S32W	16.2	0.15	K107N	117.175	88.730	293.182	5.230	0.06307	3.00565	5 W
K08S40A	17.0	0.15	K107N	153.426	218.390	178.599	7.754	0.10017	2.44553	4 X
K08S50P	16.4	0.15	K107N	103.724	59.523	343.598	1.540	0.07065	2.85069	6 X
K08S59L	15.4	0.15	K107N	30.105	21.772	79.117	3.924	0.18667	3.94709	2 W
K08S65F	15.7	0.15	K107N	83.170	211.945	187.989	25.339	0.15240	3.18024	4 W
K08S67N	18.1	0.15	K107N	233.567	111.241	229.110	0.501	0.19498	2.15015	5 X
K08S69U	16.5	0.15	K107N	205.601	316.359	347.713	3.929	0.05695	2.78743	5 W
K08S71W	15.8	0.15	K107N	349.821	142.196	20.818	27.460	0.13287	3.19432	4 W
K08S89T	16.0	0.15	K107N	52.169	86.314	350.667	15.473	0.14479	3.17796	3 W
K08S90R	17.6	0.15	K107N	227.811	186.682	194.568	22.154	0.07840	1.97815	4 X
K08S90S	15.8	0.15	K107N	233.645	28.447	239.682	3.129	0.02490	2.97739	6 W
K08SA5E	16.9	0.15	K107N	182.005	191.331	194.849	4.874	0.13841	2.34351	5 X
K08SA9T	15.4	0.15	K107N	72.770	238.561	183.383	10.468	0.07176	3.22009	5 W
K08SB0O	17.3	0.15	K107N	116.250	261.274	174.310	6.309	0.04765	2.43290	6 X
K08SB0V	16.0	0.15	K107N	125.122	204.473	174.228	7.936	0.01479	2.99078	5 W
K08SC4S	17.8	0.15	K107N	170.273	72.532	344.687	1.784	0.12784	2.21038	5 W
K08SD5T	16.5	0.15	K107N	95.331	264.695	140.246	5.184	0.07430	2.80039	6 W
K08SD6J	17.1	0.15	K107N	288.599	0.447	251.828	4.439	0.19600	2.33570	5 W
K08SF4C	15.9	0.15	K107N	83.695	241.951	164.594	7.820	0.13455	3.15557	6 W
K08SF5P	15.2	0.15	K107N	139.332	305.209	44.859	10.314	0.10119	3.12621	6 W
K08SF8W	16.5	0.15	K107N	104.387	201.603	201.987	4.351	0.01889	2.79723	5 W

K08SG6D	15.7	0.15	K107N	86.791	318.342	93.403	2.674	0.13765	3.17493	6	X
K08SH3X	16.6	0.15	K107N	172.597	227.271	207.174	21.170	0.10102	1.97089	5	X
K08SH4E	15.9	0.15	K107N	162.662	314.671	17.654	20.442	0.09892	3.09200	4	W
K08SH6Q	15.9	0.15	K107N	71.927	256.096	178.371	12.108	0.02036	2.91953	6	W
K08SI2H	17.4	0.15	K107N	129.721	13.451	64.291	2.225	0.16202	2.44888	4	X
K08SI5L	16.4	0.15	K107N	131.435	64.027	350.054	9.303	0.11523	2.62858	3	X
K08SI9O	16.3	0.15	K107N	96.251	83.837	6.730	8.851	0.21340	2.71254	4	X
K08SJ5Q	17.4	0.15	K107N	123.963	38.106	39.541	5.682	0.20678	2.56608	5	X
K08SJ8B	17.3	0.15	K107N	203.220	181.345	179.040	5.034	0.15940	2.33420	6	X
K08SK4M	16.9	0.15	K107N	55.508	349.089	180.552	6.860	0.12443	2.35447	5	X
K08SL9P	16.5	0.15	K107N	168.958	71.251	264.644	3.064	0.07385	2.77781	4	W
K08SM0K	15.3	0.15	K107N	68.690	195.664	205.974	8.220	0.24370	3.82827	3	W
K08SM6Q	17.6	0.15	K107N	131.335	32.248	67.726	6.224	0.12696	2.26757	3	X
K08SO5Y	17.9	0.15	K107N	23.626	327.091	220.526	6.091	0.15490	2.34420	4	X
K08SO6L	16.1	0.15	K107N	104.511	196.126	198.934	11.617	0.06044	2.95067	4	W
K08SO8J	14.6	0.15	K107N	31.207	40.826	56.877	3.674	0.20004	3.93728	3	W
K08SO9M	16.9	0.15	K107N	160.062	41.412	5.886	6.930	0.11065	2.38369	2	X
K08SP1P	17.4	0.15	K107N	89.593	257.087	212.938	3.187	0.13543	2.57398	6	X
K08SP2N	17.5	0.15	K107N	305.794	106.331	212.054	20.629	0.07313	1.95175	5	W
K08SP6B	16.5	0.15	K107N	24.505	55.210	61.592	1.947	0.06855	3.12730	7	W
K08SQ1E	17.7	0.15	K107N	119.739	274.662	185.533	6.202	0.03033	2.28298	5	X
K08SQ5G	15.1	0.15	K107N	197.740	247.691	56.546	12.228	0.08283	3.15005	5	W
K08SR8Z	14.7	0.15	K107N	222.875	205.134	66.095	10.964	0.02976	3.56791	2	W
K08SR9T	18.1	0.15	K107N	45.775	332.995	186.065	2.331	0.06088	2.29787	6	X
K08SS4U	15.2	0.15	K107N	277.964	221.424	10.612	10.473	0.04573	3.10001	5	W
K08SS9B	16.4	0.15	K107N	3.514	138.233	7.963	8.976	0.06703	3.01017	3	W
K08ST2U	15.1	0.15	K107N	125.781	234.018	126.454	16.949	0.09355	3.21223	4	W
K08ST8K	16.8	0.15	K107N	134.548	54.160	356.805	10.220	0.13553	2.55576	4	X
K08ST9Y	16.7	0.15	K107N	85.171	100.395	9.188	9.562	0.17815	2.65041	2	X
K08SU8G	16.3	0.15	K107N	207.082	169.356	177.130	6.313	0.05868	2.68733	3	X
K08T07Z	17.0	0.15	K107N	91.565	280.639	173.925	6.037	0.14264	2.58521	4	X
K08T30T	17.5	0.15	K107N	52.594	143.089	24.663	24.363	0.17102	2.31036	2	X
K08T32A	17.6	0.15	K107N	122.415	253.351	178.689	3.059	0.16950	2.57444	3	X
K08T32O	16.7	0.15	K107N	8.559	307.002	189.993	7.949	0.02433	3.11879	6	W
K08T33D	16.7	0.15	K107N	77.782	256.117	194.648	14.769	0.31823	3.18205	3	X
K08T47U	16.7	0.15	K107N	123.592	271.157	164.762	5.151	0.22670	2.62240	5	X
K08T53L	17.8	0.15	K107N	111.985	65.079	358.463	4.275	0.23779	2.52727	4	X
K08T59R	17.6	0.15	K107N	108.084	57.237	44.352	3.599	0.13426	2.41179	6	X
K08T64U	16.2	0.15	K107N	109.338	165.389	218.166	14.333	0.06905	3.08820	5	W
K08T68H	15.6	0.15	K107N	238.946	216.011	47.804	10.339	0.04932	3.17261	4	W
K08T74H	16.9	0.15	K107N	148.803	31.898	10.402	2.701	0.10679	2.57979	5	X
K08T78P	16.7	0.15	K107N	46.243	323.869	183.608	6.337	0.31437	2.67389	6	X
K08T79S	16.6	0.15	K107N	107.243	62.576	36.396	13.618	0.18830	2.61420	3	X
K08T89H	18.4	0.15	K107N	147.373	61.240	23.365	2.854	0.10217	2.20994	6	X
K08T94C	18.2	0.15	K107N	142.737	43.783	34.011	6.305	0.07472	2.20931	5	X
K08T94H	17.3	0.15	K107N	151.304	230.361	173.537	6.827	0.07952	2.39887	6	X
K08TA4V	16.7	0.15	K107N	228.622	272.762	8.446	4.237	0.02666	2.96230	2	W
K08TA6Z	16.4	0.15	K107N	272.817	190.689	50.077	5.166	0.02625	2.75983	5	W
K08TA8S	18.0	0.15	K107N	163.873	0.336	49.117	4.886	0.21656	2.28786	3	X
K08TB8F	16.7	0.15	K107N	141.236	39.360	37.424	7.376	0.06517	2.34483	6	X
K08TC3S	16.5	0.15	K107N	45.179	67.565	24.897	5.644	0.21181	3.06108	3	W
K08TC4D	16.8	0.15	K107N	113.051	135.244	246.838	5.236	0.09592	3.10106	3	S
K08TD4T	16.1	0.15	K107N	302.188	202.153	9.757	8.323	0.07069	3.00946	5	W
K08TD6F	16.0	0.15	K107N	46.682	102.514	26.805	17.007	0.23210	3.11260	2	X
K08TE2U	15.3	0.15	K107N	40.458	76.966	21.674	13.276	0.11159	3.20759	4	W
K08TE4M	16.9	0.15	K107N	99.728	84.835	17.580	13.787	0.15599	2.41980	5	X
K08TF0G	18.1	0.15	K107N	181.800	211.516	171.316	3.785	0.03854	2.24852	5	X
K08TF6Y	15.2	0.15	K107N	17.766	43.313	74.054	4.433	0.19626	3.95747	3	W

K08TG6A	16.0	0.15	K107N	105.930	158.744	235.039	17.746	0.05442	3.12450	4 W
K08TH1Y	16.1	0.15	K107N	139.748	224.820	171.100	13.681	0.20260	2.73408	6 X
K08TH3T	16.1	0.15	K107N	56.364	11.662	53.295	3.642	0.19230	3.92661	2 S
K08TH7D	16.9	0.15	K107N	161.775	208.573	185.957	16.656	0.25106	2.52900	5 X
K08TH7L	15.2	0.15	K107N	76.292	324.541	95.452	11.579	0.03798	3.20750	3 W
K08U01L	17.0	0.15	K107N	151.637	348.861	76.744	11.952	0.23498	2.41985	3 W
K08U05O	16.6	0.15	K107N	118.460	64.571	23.102	14.041	0.14266	2.57133	4 X
K08U11C	17.5	0.15	K107N	47.084	157.091	3.390	6.619	0.04909	2.25594	4 X
K08U11Q	16.5	0.15	K107N	125.972	30.827	342.352	3.264	0.07410	2.99771	3 W
K08U21S	15.2	0.15	K107N	174.460	296.555	31.188	11.185	0.05273	3.09365	3 W
K08U29T	17.4	0.15	K107N	91.679	302.697	198.027	4.959	0.09840	2.31159	4 X
K08U48Q	16.2	0.15	K107N	201.716	27.290	321.582	1.833	0.17529	2.53055	6 X
K08U51R	17.2	0.15	K107N	89.620	96.864	2.652	1.389	0.06893	2.88304	8 X
K08U71Y	17.4	0.15	K107N	275.157	301.272	359.294	6.521	0.10129	2.34303	5 X
K08U72C	16.6	0.15	K107N	305.531	282.797	348.446	6.116	0.12330	2.36394	5 X
K08U86G	16.6	0.15	K107N	119.442	199.978	203.434	0.842	0.24762	3.06209	5 X
K08U91J	16.6	0.15	K107N	120.370	243.763	217.036	27.262	0.22099	2.35570	4 W
K08U98Z	15.0	0.15	K107N	141.343	91.968	258.463	8.995	0.12918	3.19330	3 W
K08UB7Y	17.0	0.15	K107N	44.901	150.216	354.444	4.847	0.13821	2.86458	4 X
K08UE4L	17.7	0.15	K107N	10.368	140.052	80.622	2.257	0.11944	2.26658	5 X
K08UH0K	16.4	0.15	K107N	100.814	90.288	355.802	7.181	0.11407	2.61702	6 X
K08UI6V	16.6	0.15	K107N	184.981	207.786	157.727	1.920	0.16976	2.63836	7 X
K08UJ2V	16.6	0.15	K107N	60.133	349.427	158.083	5.042	0.18975	2.60298	2 S
K08UL2C	16.8	0.15	K107N	76.350	333.978	176.796	5.333	0.02044	2.29767	5 X
K08UL5W	17.7	0.15	K107N	248.756	287.018	31.975	4.530	0.02166	2.52373	4 X
K08UL6G	16.4	0.15	K107N	101.359	254.031	176.851	1.130	0.14111	3.19613	4 X
K08UM0G	17.1	0.15	K107N	86.249	100.856	351.316	1.559	0.14528	2.97025	4 X
K08UM9G	17.4	0.15	K107N	115.956	42.721	47.052	6.809	0.14079	2.69849	5 X
K08UN6O	16.1	0.15	K107N	65.063	119.239	21.105	11.633	0.12567	2.60989	5 X
K08UO5H	15.7	0.15	K107N	26.309	157.386	37.569	13.615	0.20382	2.64313	6 W
K08UP0L	17.3	0.15	K107N	35.467	226.730	293.719	1.126	0.04456	2.60422	4 X
K08UP0S	17.8	0.15	K107N	116.639	85.694	17.637	1.580	0.14808	2.44058	4 X
K08UP1B	16.7	0.15	K107N	46.370	174.821	334.585	0.665	0.09163	2.68893	3 X
K08UP8Q	17.9	0.15	K107N	142.574	46.294	47.634	6.123	0.07464	2.29413	3 X
K08UQ6V	16.8	0.15	K107N	105.630	116.801	336.210	2.251	0.10882	2.61473	3 X
K08UQ9H	17.4	0.15	K107N	19.203	21.624	178.653	2.484	0.13385	2.40484	6 X
K08UR0J	17.2	0.15	K107N	234.608	148.574	176.348	3.281	0.00968	2.51906	4 X
K08UR5X	15.5	0.15	K107N	218.391	63.829	220.605	8.610	0.06317	3.16550	4 W
K08UR7D	15.2	0.15	K107N	45.937	234.520	218.880	8.468	0.03867	3.46045	3 W
K08US7V	18.5	0.15	K107N	353.212	151.796	89.897	2.966	0.03346	2.15153	3 X
K08UU4O	17.6	0.15	K107N	179.642	42.135	345.477	3.039	0.12248	2.53806	3 X
K08UU4Q	16.8	0.15	K107N	152.022	77.962	347.795	3.270	0.13920	2.52008	5 W
K08UV9S	15.6	0.15	K107N	320.892	300.920	256.726	9.884	0.10328	3.06284	5 W
K08UW2H	17.6	0.15	K107N	105.283	90.581	359.190	7.529	0.16442	2.60221	2 X
K08UW6V	16.6	0.15	K107N	231.708	274.582	89.390	6.741	0.03847	2.72846	4 W
K08UX8Q	17.8	0.15	K107N	340.682	215.421	42.793	6.998	0.04382	2.25581	2 X
K08UY4T	16.3	0.15	K107N	45.082	109.978	66.446	14.997	0.14716	2.64118	3 X
K08UY8A	17.4	0.15	K107N	81.346	273.821	205.803	3.049	0.12266	2.68023	2 X
K08UZ1K	17.3	0.15	K107N	6.671	355.514	230.438	5.517	0.07829	2.30466	3 W
K08UZ1X	16.4	0.15	K107N	116.294	265.008	183.841	13.231	0.16884	2.60712	6 X
K08UZ8L	15.6	0.15	K107N	179.530	236.922	89.606	14.281	0.09704	3.05909	4 X
K08UZ8R	16.9	0.15	K107N	124.884	246.259	185.212	8.611	0.12127	2.77347	7 X
K08V01X	17.7	0.15	K107N	195.453	28.085	8.441	4.809	0.16983	2.21729	6 W
K08V09D	17.0	0.15	K107N	77.899	25.689	119.595	5.537	0.13868	2.47464	4 X
K08V11B	16.7	0.15	K107N	303.088	94.791	173.327	4.738	0.08563	2.41281	6 X
K08V14Z	16.4	0.15	K107N	149.924	280.521	137.014	4.187	0.21237	2.57642	6 X
K08V16U	17.8	0.15	K107N	32.009	133.858	63.831	3.558	0.14219	2.29222	4 W
K08V20R	17.2	0.15	K107N	228.014	289.723	90.922	3.495	0.05662	2.13425	4 X

K08V21D	18.0	0.15	K107N	103.933	31.739	98.373	3.370	0.15448	2.37882	5 W
K08V24A	16.4	0.15	K107N	171.899	327.825	83.234	7.088	0.09318	2.40781	4 X
K08V41U	16.6	0.15	K107N	77.012	33.527	107.865	5.923	0.17108	2.54100	4 X
K08V59J	17.8	0.15	K107N	220.809	125.311	235.654	2.315	0.15040	2.21920	6 X
K08V68R	15.5	0.15	K107N	123.660	169.591	291.158	8.829	0.04481	3.13527	4 X
K08V69R	18.1	0.15	K107N	43.612	140.901	58.332	6.380	0.07083	2.23445	6 X
K08V71G	16.7	0.15	K107N	130.206	60.339	10.019	13.632	0.16172	2.53962	2 X
K08V74D	16.8	0.15	K107N	140.563	224.796	180.560	1.987	0.06790	2.86020	6 X
K08V79D	16.1	0.15	K107N	172.159	333.734	84.294	8.752	0.03852	2.68855	5 X
K08W02J	15.9	0.15	K107N	150.634	43.186	6.337	13.969	0.17796	2.58380	2 X
K08W24P	17.0	0.15	K107N	148.951	114.082	297.987	0.781	0.15394	2.59987	6 X
K08W25N	17.5	0.15	K107N	307.671	49.031	217.134	1.138	0.09382	2.31670	4 X
K08W31V	16.9	0.15	K107N	110.383	82.625	358.999	1.432	0.17148	2.98947	4 X
K08W35F	17.0	0.15	K107N	43.535	24.699	158.999	3.102	0.09439	2.30071	7 X
K08W38V	17.5	0.15	K107N	52.981	326.985	189.650	1.397	0.05104	2.59413	4 X
K08W45O	15.8	0.15	K107N	36.368	119.084	65.879	3.402	0.12892	2.62911	6 X
K08W47R	17.0	0.15	K107N	85.411	57.925	45.392	0.548	0.16996	3.10898	5 X
K08W59F	17.2	0.15	K107N	104.772	329.092	154.993	3.403	0.15178	2.46501	4 X
K08W66X	16.8	0.15	K107N	198.890	192.376	160.234	1.617	0.17674	2.56237	5 X
K08W68L	17.7	0.15	K107N	225.266	160.368	203.176	1.627	0.25275	2.19223	6 X
K08W82Y	17.0	0.15	K107N	137.092	234.357	183.511	4.813	0.15350	2.79080	4 X
K08W83H	16.5	0.15	K107N	183.846	190.230	177.075	4.939	0.09471	2.78383	5 X
K08W85Y	17.2	0.15	K107N	143.907	208.100	226.506	4.630	0.14781	2.67914	5 X
K08W94A	16.3	0.15	K107N	144.833	53.437	4.182	14.823	0.09493	2.58802	4 X
K08W95Z	15.9	0.15	K107N	165.458	208.065	187.736	3.740	0.22297	2.60034	7 X
K08W96N	17.7	0.15	K107N	230.059	250.979	115.453	6.038	0.12006	2.20871	5 X
K08WA5Z	16.8	0.15	K107N	359.400	209.659	15.771	6.751	0.09215	2.40996	6 X
K08WB2A	16.8	0.15	K107N	11.322	169.414	58.684	5.829	0.09748	2.36203	5 W
K08WB6Q	18.4	0.15	K107N	263.212	131.693	196.585	0.815	0.14942	2.25518	5 X
K08WC6X	17.2	0.15	K107N	302.417	280.040	356.781	0.815	0.16176	2.44976	5 X
K08WD0M	16.2	0.15	K107N	109.150	42.809	71.117	4.759	0.05182	2.77811	4 X
K08WD7W	16.3	0.15	K107N	189.136	170.191	205.587	2.542	0.26659	2.53289	3 X
K08WD9X	16.0	0.15	K107N	312.125	178.932	108.760	8.324	0.09795	2.74459	4 X
K08X04S	15.4	0.15	K107N	178.565	333.986	74.452	15.747	0.08310	2.54297	3 X
K08X16S	17.1	0.15	K107N	331.077	35.486	231.055	3.714	0.12479	2.35764	8 X
K08X35H	16.2	0.15	K107N	222.967	63.748	288.499	4.635	0.06130	2.51384	5 X
K08X38F	16.7	0.15	K107N	33.637	180.249	18.318	3.370	0.10696	2.55652	6 X
K08X40K	16.7	0.15	K107N	126.679	47.923	12.644	2.305	0.06825	3.12142	6 X
K08X47H	17.1	0.15	K107N	113.056	352.031	102.091	3.591	0.11047	2.96253	5 X
K08X48Y	16.5	0.15	K107N	39.839	293.811	301.247	16.282	0.16665	2.55575	5 W
K08Y02U	16.4	0.15	K107N	205.800	19.757	350.227	2.190	0.20389	2.52934	5 X
K08Y05B	17.3	0.15	K107N	329.430	327.773	296.873	1.141	0.02030	2.65986	4 X
K08Y09N	15.4	0.15	K107N	326.794	151.242	109.863	11.879	0.02102	3.09667	5 X
K08Y11B	16.7	0.15	K107N	134.747	327.833	97.792	3.131	0.21364	2.74386	6 X
K08Y13Z	17.3	0.15	K107N	136.290	342.537	84.870	3.393	0.19635	2.68757	3 X
K08Y21J	16.7	0.15	K107N	160.042	199.239	230.724	1.010	0.02146	2.90916	6 X
K08Y23N	16.3	0.15	K107N	109.454	251.428	185.634	0.562	0.18111	3.14492	4 X
K08Y24W	16.7	0.15	K107N	333.531	7.307	263.923	2.876	0.14113	2.39369	6 X
K08Y37J	17.2	0.15	K107N	164.314	303.535	126.201	3.726	0.19227	2.60431	4 X
K08Y37M	16.1	0.15	K107N	312.292	171.635	119.415	10.499	0.11620	2.75133	6 X
K08Y37N	17.0	0.15	K107N	266.013	216.001	120.253	7.105	0.06482	2.66781	5 X
K08Y38K	16.2	0.15	K107N	137.984	336.991	108.124	8.722	0.12937	2.74673	5 X
K08Y47K	15.9	0.15	K107N	43.166	82.342	96.198	7.177	0.15266	3.20149	5 X
K08Y60L	15.5	0.15	K107N	328.811	185.393	89.620	9.508	0.14688	2.68322	6 X
K08Y83S	16.8	0.15	K107N	291.659	219.545	70.604	3.159	0.03764	2.88978	4 X
K08Y92A	16.9	0.15	K107N	102.419	36.801	99.133	5.176	0.04346	2.67348	5 X
K08Y95M	16.3	0.15	K107N	268.517	222.969	106.772	6.827	0.01947	2.66192	3 X
K08Y95Y	16.2	0.15	K107N	291.029	2.082	298.485	5.480	0.01041	2.78840	3 X

K08Y96F	17.7	0.15	K107N	210.031	300.132	98.976	3.284	0.21087	2.33093	4 X
K08Y97K	15.9	0.15	K107N	332.318	186.177	88.975	4.384	0.05298	2.74755	3 X
K08YA3G	16.8	0.15	K107N	89.437	338.264	155.495	2.083	0.11731	3.07577	3 X
K08YA3T	15.9	0.15	K107N	39.402	78.447	110.787	7.286	0.07797	3.08131	4 X
K08YA6R	17.0	0.15	K107N	268.454	264.292	74.229	3.381	0.07060	2.66036	4 X
K08YB1C	16.4	0.15	K107N	75.552	107.841	8.208	1.667	0.04655	2.98860	5 X
K08YB2A	17.1	0.15	K107N	130.129	226.591	226.044	1.982	0.11250	2.54578	4 X
K08YB4A	17.1	0.15	K107N	183.294	283.166	110.219	1.688	0.08017	2.81732	4 X
K08YC4Q	16.5	0.15	K107N	132.143	0.096	64.699	2.120	0.17900	3.20380	5 X
K08YC6J	16.1	0.15	K107N	94.668	52.305	111.518	29.743	0.14337	2.60143	3 W
K08YC7E	16.6	0.15	K107N	221.168	280.237	82.159	3.208	0.08889	2.82908	4 X
K08YD9D	16.5	0.15	K107N	78.279	5.233	138.294	1.620	0.13086	3.08650	3 X
K08YE2Q	15.7	0.15	K107N	322.585	168.660	109.545	13.351	0.12742	2.74089	6 S
K08YE4J	16.1	0.15	K107N	310.519	161.742	134.401	5.499	0.09900	2.73202	5 X
K08YF1S	16.8	0.15	K107N	203.288	224.452	172.163	2.746	0.08302	2.65051	6 X
K08YF2E	16.1	0.15	K107N	306.654	192.162	92.486	3.655	0.11434	3.05309	5 X
K08YF3K	17.2	0.15	K107N	337.356	169.242	117.979	4.839	0.16280	2.41869	5 X
K08YF3M	16.7	0.15	K107N	238.816	44.578	293.487	1.059	0.14787	2.89262	2 X
K08YF5N	16.5	0.15	K107N	19.607	109.422	114.163	3.870	0.09605	3.03434	3 X
K08YF5R	16.5	0.15	K107N	22.983	50.686	165.292	2.204	0.01032	2.87019	5 X
K08YF6F	16.5	0.15	K107N	295.106	145.862	146.225	2.708	0.07690	2.91192	6 X
K08YG1C	16.0	0.15	K107N	84.015	65.665	73.057	4.444	0.11223	3.04076	5 X
K08YG6U	16.3	0.15	K107N	159.699	0.418	60.211	4.694	0.13600	2.69187	6 W
K08YG7C	15.1	0.15	K107N	37.464	80.062	101.578	24.854	0.18567	3.17803	2 S
K08YG7Z	16.3	0.15	K107N	166.228	269.318	146.758	5.019	0.06682	2.80394	4 X
K08YH0E	15.9	0.15	K107N	118.357	121.836	31.134	16.007	0.14705	2.48484	4 W
K09A02K	16.6	0.15	K107N	209.868	152.708	209.737	2.107	0.26377	2.57616	4 X
K09A05H	16.4	0.15	K107N	348.905	157.885	95.671	10.020	0.13610	2.67770	4 X
K09A12E	16.3	0.15	K107N	62.698	185.561	330.255	1.465	0.08925	3.21222	7 X
K09A23P	15.8	0.15	K107N	332.276	167.016	110.489	13.646	0.16665	2.64498	4 X
K09A29R	16.1	0.15	K107N	187.007	255.926	103.392	0.309	0.01509	3.50308	5 X
K09A30A	16.4	0.15	K107N	145.062	201.424	242.189	2.012	0.04171	2.68576	6 X
K09A35M	17.0	0.15	K107N	297.541	154.586	143.268	5.016	0.04491	2.78500	3 X
K09A38Q	16.3	0.15	K107N	77.459	10.559	134.786	6.744	0.08555	3.09252	5 X
K09A41C	17.3	0.15	K107N	256.014	347.205	10.495	1.656	0.20177	2.37432	5 X
K09A49C	15.2	0.15	K107N	55.909	116.199	50.211	10.870	0.06090	3.05842	6 X
K09B04Q	15.4	0.15	K107N	28.274	305.178	252.990	10.987	0.06570	2.96814	6 W
K09B12Q	15.8	0.15	K107N	88.471	24.406	128.925	15.492	0.03441	2.66376	6 X
K09B14K	15.9	0.15	K107N	133.944	33.819	71.379	9.059	0.07656	3.09683	4 W
K09B15M	16.5	0.15	K107N	35.765	317.353	287.158	10.980	0.15761	2.34398	6 W
K09B18U	16.9	0.15	K107N	291.834	167.470	134.778	4.183	0.05297	2.69558	6 X
K09B18X	16.8	0.15	K107N	184.525	257.385	135.424	2.837	0.07110	2.85343	5 X
K09B24H	16.2	0.15	K107N	137.715	9.750	82.788	5.211	0.12053	3.05952	4 X
K09B31D	16.6	0.15	K107N	140.233	357.762	105.683	5.553	0.02945	2.78752	3 X
K09B35J	16.7	0.15	K107N	172.774	323.474	104.177	6.356	0.11105	2.73749	4 X
K09B36K	16.4	0.15	K107N	191.554	316.110	100.885	6.881	0.01317	2.79363	4 X
K09B46W	15.7	0.15	K107N	116.117	320.423	163.280	4.524	0.03632	3.15670	5 X
K09B52H	16.7	0.15	K107N	13.292	114.647	120.129	5.600	0.01554	2.77634	4 X
K09B53F	17.2	0.15	K107N	225.222	279.300	110.633	4.802	0.22650	2.35650	4 X
K09B64M	17.3	0.15	K107N	283.783	217.794	116.794	5.781	0.09663	2.60739	4 X
K09B68B	16.1	0.15	K107N	280.291	216.953	114.021	2.508	0.06492	3.02984	7 W
K09B68K	16.8	0.15	K107N	184.435	339.366	71.684	5.940	0.19813	2.53096	3 X
K09B74Y	15.0	0.15	K107N	71.768	73.697	76.030	13.478	0.10612	3.21832	4 X
K09B75G	15.7	0.15	K107N	334.358	231.169	31.419	10.675	0.05842	3.00522	4 X
K09B82P	16.5	0.15	K107N	191.523	5.573	36.091	7.027	0.26333	2.54764	4 X
K09B85G	16.2	0.15	K107N	269.300	182.644	143.256	9.531	0.00671	2.96679	6 X
K09B93E	16.2	0.15	K107N	22.363	297.694	313.036	14.428	0.22214	2.87602	4 W
K09B96G	16.7	0.15	K107N	107.165	334.687	140.610	3.312	0.17600	3.07483	5 X

K09B99P	15.8	0.15	K107N	127.381	48.781	55.080	9.169	0.07455	3.03161	4	X
K09BA5M	15.8	0.15	K107N	292.979	151.574	157.362	10.215	0.06364	3.18149	4	X
K09BB4Z	15.9	0.15	K107N	213.782	347.957	32.470	2.488	0.04631	2.99498	5	X
K09BC5V	16.4	0.15	K107N	8.156	80.837	152.168	1.393	0.05428	3.14349	5	W
K09BC9C	16.9	0.15	K107N	231.938	224.755	150.851	4.928	0.08573	2.78634	3	X
K09BG1P	16.2	0.15	K107N	65.985	285.238	278.953	6.505	0.16324	2.77305	5	S
K09BH3R	15.1	0.15	K107N	320.461	187.193	99.327	19.378	0.05059	3.11234	7	X
K09BH4O	16.1	0.15	K107N	322.031	142.008	152.025	6.274	0.09096	3.23422	6	X
K09BI1K	16.3	0.15	K107N	131.401	331.657	136.047	13.588	0.06621	2.74132	4	X
K09BI5J	16.2	0.15	K107N	349.501	111.802	147.912	12.591	0.09889	3.14024	2	X
K09C04L	17.3	0.15	K107N	227.047	237.321	144.519	3.616	0.13471	2.42946	3	X
K09C22V	16.5	0.15	K107N	266.603	182.893	156.789	7.375	0.07894	2.78810	6	X
K09C27T	16.1	0.15	K107N	191.184	300.501	107.699	5.541	0.07429	3.10177	4	X
K09C33L	16.1	0.15	K107N	271.563	196.942	148.909	15.054	0.10952	3.05964	5	X
K09C33T	15.3	0.15	K107N	302.085	40.329	238.696	1.747	0.16426	3.94588	5	X
K09C35A	15.3	0.15	K107N	327.714	174.727	94.447	8.005	0.10803	3.16442	3	X
K09C43F	16.7	0.15	K107N	76.968	78.389	111.972	8.616	0.15792	2.78991	4	W
K09C63A	15.6	0.15	K107N	10.593	274.927	354.459	14.775	0.22888	3.22402	4	W
K09D35U	14.9	0.15	K107N	330.196	325.028	7.006	23.113	0.24308	2.96691	4	W
K09D65B	16.5	0.15	K107N	147.450	315.771	174.613	7.931	0.08086	2.79152	5	W
K09D65M	16.3	0.15	K107N	5.962	326.128	316.416	9.546	0.23300	2.46297	4	W
K09D70G	15.6	0.15	K107N	30.584	263.242	337.514	24.938	0.18982	3.13754	4	W
K09DB3F	15.6	0.15	K107N	9.099	99.376	170.717	17.800	0.14753	3.20680	5	W
K09DD6X	15.5	0.15	K107N	104.811	306.276	208.785	26.318	0.18866	3.18156	5	W
K09DD9A	16.0	0.15	K107N	344.127	295.733	14.169	10.722	0.20237	3.06945	4	W
K09DD9B	16.6	0.15	K107N	26.075	243.908	7.192	26.326	0.09850	3.10952	4	W
K09E09Q	17.2	0.15	K107N	203.112	163.620	229.911	1.634	0.20857	2.58140	8	X
K09E24G	16.3	0.15	K107N	47.054	143.812	83.788	2.648	0.11238	3.16755	3	W
K09E26D	15.7	0.15	K107N	33.262	263.894	339.371	8.934	0.09474	3.17497	6	W
K09F01B	14.6	0.15	K107N	352.434	267.540	27.513	22.807	0.13716	3.18089	4	W
K09F33J	15.7	0.15	K107N	82.394	172.715	359.741	22.548	0.19114	3.16402	4	W
K09F41P	16.0	0.15	K107N	126.052	114.774	31.810	17.105	0.09773	3.05905	4	W
K09F45T	15.2	0.15	K107N	108.220	70.803	85.775	18.893	0.16446	3.20305	5	W
K09SZ2Q	15.2	0.15	K107N	20.123	213.862	274.141	17.115	0.05442	3.10042	4	W
K09Sa1S	16.1	0.15	K107N	115.910	267.035	124.290	5.831	0.10073	2.75660	3	X
K09U18V	16.0	0.15	K107N	32.241	62.678	86.812	8.342	0.63247	3.17634	2	X
K09UF1Q	16.0	0.15	K107N	63.764	339.335	84.741	11.873	0.20204	3.14480	2	W
K09W53X	16.0	0.15	K107N	25.233	57.552	74.866	13.815	0.18447	2.65709	5	W
K09X01F	15.5	0.15	K107N	23.202	50.492	71.006	17.418	0.16895	3.13493	3	W
K09X01G	15.2	0.15	K107N	358.336	184.221	324.068	11.331	0.11891	3.16291	5	W
K09X02G	15.4	0.15	K107N	75.905	166.375	260.632	15.542	0.04759	2.89890	3	W
K09X06L	15.7	0.15	K107N	61.365	195.447	244.410	8.767	0.08207	2.93855	3	W
K09X14X	15.8	0.15	K107N	319.290	96.008	104.265	10.643	0.13332	3.15179	3	W
K09X21J	15.5	0.15	K107N	324.647	79.257	102.217	10.155	0.03867	3.17223	4	W
K09Y02M	16.0	0.15	K107N	71.495	315.354	113.981	13.103	0.13908	2.76284	2	W
K09Y06M	15.5	0.15	K107N	28.456	30.608	86.816	8.625	0.21420	3.10540	4	W
K09Y12V	16.2	0.15	K107N	54.774	183.352	272.715	6.084	0.06574	2.70061	5	W
K09Y16N	15.3	0.15	K107N	103.530	269.495	129.723	12.838	0.06338	3.21171	5	X
K09Y21F	16.7	0.15	K107N	106.632	297.723	95.526	14.782	0.17140	2.61655	3	X
K09Y21Z	16.2	0.15	K107N	4.005	242.328	278.348	14.353	0.05455	2.41520	4	W
K10A18M	16.6	0.15	K107N	25.529	46.277	75.675	2.279	0.15716	3.06096	7	W
K10A39N	15.5	0.15	K107N	36.356	140.928	286.015	5.969	0.38725	4.49676	2	W
K10A41U	17.2	0.15	K107N	69.868	323.876	131.452	6.842	0.07111	2.33840	4	X
K10A44U	17.8	0.15	K107N	29.614	188.965	309.881	2.365	0.11590	2.30489	6	W
K10A74G	17.0	0.15	K107N	83.269	190.928	241.155	3.214	0.10438	2.16170	7	W
K10A76T	14.7	0.15	K107N	13.030	182.646	316.082	24.555	0.02074	3.17135	4	X
K10A79E	16.0	0.15	K107N	255.157	137.976	126.793	12.191	0.06974	3.09935	2	X
K10B00P	15.4	0.15	K107N	57.676	123.718	309.704	9.503	0.12933	3.22202	4	W

K10C01P	16.9	0.15	K107N	67.162	247.564	233.739	5.657	0.06189	2.37976	3	W
K10C12Q	15.7	0.15	K107N	19.596	174.375	341.169	14.701	0.21817	3.17056	2	X
K10C55O	15.2	0.15	K107N	1.704	245.175	278.466	15.656	0.12826	2.75831	2	W
K10C57F	15.3	0.15	K107N	350.525	222.504	352.297	19.563	0.18233	3.10458	3	X
K10C69F	15.7	0.15	K107N	31.674	162.830	10.091	12.731	0.08921	2.77728	7	X
K10CB7J	16.0	0.15	K107N	312.421	78.474	178.558	13.660	0.07493	2.66462	5	X
K10CC4A	15.5	0.15	K107N	324.493	207.694	52.805	14.654	0.16517	2.71854	3	X
K10CC9O	17.1	0.15	K107N	49.613	329.678	175.105	8.251	0.19361	2.44183	4	X
K10CI0C	18.8	0.15	K107N	32.533	216.710	352.435	15.260	0.32161	1.87337	2	X
K10CI5J	15.5	0.15	K107N	2.162	141.586	89.796	14.768	0.14924	2.79583	2	S
K10D08C	18.5	0.15	K107N	41.362	327.179	188.395	2.693	0.19206	2.58364	2	X
K10D08L	17.9	0.15	K107N	26.284	5.212	180.224	2.892	0.11030	2.27884	2	X
K10D76B	15.8	0.15	K107N	193.699	13.821	3.349	8.586	0.08783	2.61624	6	X
K10E29J	16.6	0.15	K107N	69.649	309.536	186.349	12.415	0.12144	2.61801	5	X
K10E33W	16.7	0.15	K107N	31.332	168.890	13.355	3.919	0.07856	2.65910	6	X
K10E34E	16.4	0.15	K107N	48.923	329.728	182.184	7.805	0.27111	2.74401	5	X
K10E34J	17.0	0.15	K107N	354.438	46.300	187.056	14.214	0.08071	2.60846	4	X
K10E36F	17.2	0.15	K107N	51.775	337.351	187.301	10.941	0.15410	2.39158	3	X
K10E39Q	17.2	0.15	K107N	46.175	306.708	206.642	5.986	0.23020	2.37629	4	X
K10E39X	15.2	0.15	K107N	327.098	268.536	6.693	24.974	0.28466	3.18257	5	W
K10E41H	15.9	0.15	K107N	357.105	207.911	11.308	8.541	0.04189	2.81243	3	X
K10E41K	16.0	0.15	K107N	57.513	322.199	185.996	7.680	0.15903	2.75953	5	X
K10E42F	16.6	0.15	K107N	25.187	166.590	34.317	4.868	0.16301	2.68883	2	S
K10E42V	15.6	0.15	K107N	26.336	161.657	24.519	11.020	0.12521	2.76148	5	X
K10E44H	14.9	0.15	K107N	7.077	157.007	40.946	22.680	0.09120	3.14449	3	X
K10E67A	16.6	0.15	K107N	32.398	5.281	180.794	6.248	0.07575	2.41761	7	X
K10E77A	17.8	0.15	K107N	343.750	85.826	177.852	4.014	0.21259	2.33522	5	X
K10E82V	15.8	0.15	K107N	328.578	250.176	17.514	8.444	0.23881	2.80382	3	X
K10E84X	17.0	0.15	K107N	33.110	170.877	2.772	3.767	0.06517	2.89369	3	X
K10E87Y	15.7	0.15	K107N	3.408	174.870	44.433	15.764	0.08115	2.66576	2	S
K10E88C	16.2	0.15	K107N	51.802	126.455	40.287	23.666	0.24941	2.36241	2	X
K10E99F	16.2	0.15	K107N	33.530	145.723	31.786	12.847	0.21052	3.04917	3	X
K10E99S	17.0	0.15	K107N	8.860	132.013	99.055	3.341	0.18021	2.40162	2	X
K10EA5Q	17.0	0.15	K107N	36.756	155.009	28.939	5.185	0.18105	2.60709	3	W
K10EA6R	15.8	0.15	K107N	310.124	257.966	1.150	11.132	0.05174	3.16143	2	X
K10EC5F	15.9	0.15	K107N	10.103	188.719	33.044	7.807	0.14493	2.75084	3	X
K10EC6A	15.3	0.15	K107N	4.142	12.628	191.899	17.216	0.14677	3.12252	2	X
K10EC7G	15.9	0.15	K107N	1.963	197.170	24.216	8.600	0.16459	3.10619	5	X
K10ED0N	17.8	0.15	K107N	38.528	17.626	176.043	6.840	0.04239	2.34030	5	X
K10ED5Q	17.9	0.15	K107N	335.712	165.447	110.425	2.225	0.17191	2.33283	2	X
K10ED7G	17.5	0.15	K107N	5.793	109.939	123.910	2.221	0.13811	2.18588	7	X
K10ED8R	16.2	0.15	K107N	348.760	130.304	121.648	2.955	0.21610	2.71351	2	X
K10ED8Z	16.3	0.15	K107N	37.245	65.234	123.543	12.525	0.10337	2.58153	4	X
K10ED9K	4.0	0.15	K107N	342.290	284.848	346.269	29.500	0.53205	69.35496	4	M
K10F01U	16.3	0.15	K107N	223.172	231.881	109.924	4.762	0.09627	2.64005	4	S
K10F16E	15.4	0.15	K107N	83.796	118.556	3.637	11.365	0.08545	3.10863	2	S
K10F27Z	15.6	0.15	K107N	5.474	96.438	108.276	8.260	0.14994	2.90871	5	X
K10F30D	16.6	0.15	K107N	38.370	57.778	129.183	3.810	0.09731	2.74449	5	X
K10F43Q	16.7	0.15	K107N	61.274	340.084	91.182	5.536	0.18378	2.79654	2	W
K10F83W	16.3	0.15	K107N	66.610	51.843	87.361	5.766	0.15631	2.56567	2	S
K10G23N	13.1	0.15	K107N	358.447	173.393	106.988	32.562	0.04770	5.17901	4	S
T3S2300	16.3	0.15	K107N	140.515	40.169	11.720	9.206	0.21994	2.68566	4	X

New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K10A00L	22.6	0.15	K107N	71.009	34.139	110.493	9.442	0.39782	1.74816	93	X
K10A41W	16.9	0.15	K107N	12.180	26.018	139.892	6.296	0.10229	2.25949	93	X
K10B02T	17.7	0.15	K107N	37.022	331.413	175.429	12.980	0.47841	2.70446	79	X

K10B03C	20.5	0.15	K107N	27.970	154.983	359.222	4.839	0.65398	3.18394	78	X
K10B04Z	22.5	0.15	K107N	33.637	51.275	98.864	10.056	0.62902	2.76324	74	X
K10C00M	18.4	0.15	K107N	3.718	93.444	125.793	7.430	0.53746	2.61533	88	X
K10C18H	18.9	0.15	K107N	29.778	109.872	49.366	27.146	0.57022	2.60661	56	W
K10C44M	19.4	0.15	K107N	26.776	196.363	11.117	6.335	0.48284	2.31548	55	X
K10C44N	19.8	0.15	K107N	30.258	302.852	189.762	3.843	0.67599	2.85143	46	W
K10C55G	14.2	0.15	K107N	359.603	81.975	195.951	146.377	0.90808	31.39501	53	M
K10C10V	18.8	0.15	K107N	12.645	239.920	339.451	18.885	0.60304	3.06029	54	X
K10D00E	17.2	0.15	K107N	110.053	277.017	177.040	23.979	0.39684	2.11392	52	S
K10D34B	19.5	0.15	K107N	37.372	22.105	188.828	25.796	0.29079	1.69842	47	X
K10D56M	20.1	0.15	K107N	155.882	48.095	349.687	25.606	0.29222	1.30539	42	W
K10E21F	18.4	0.15	K107N	51.412	143.686	300.671	10.289	0.71948	2.42779	30	X
K10E43E	24.3	0.15	K107N	67.227	176.793	12.022	2.708	0.24018	1.41368	27	X
K10E43K	21.7	0.15	K107N	117.477	38.422	18.524	7.888	0.65341	1.39743	26	X
K10E43Q	18.5	0.15	K107N	351.024	274.880	5.125	44.125	0.47598	2.39107	28	X
K10E44F	20.2	0.15	K107N	54.515	234.631	174.322	38.277	0.88732	2.18713	25	X
K10E44K	19.7	0.15	K107N	6.466	107.000	181.333	11.181	0.77001	2.84652	28	X
K10E45V	19.8	0.15	K107N	26.487	118.094	125.941	7.930	0.36969	1.84966	25	X
K10F00P	20.8	0.15	K107N	25.487	111.028	62.853	6.523	0.57095	2.94799	23	X
K10F00R	21.6	0.15	K107N	160.657	272.492	167.349	14.233	0.36513	1.13146	23	X
K10F06B	21.9	0.15	K107N	192.100	49.587	2.996	25.486	0.18624	1.29653	22	X
K10F07E	23.7	0.15	K107N	69.805	42.990	57.324	1.556	0.55259	1.95344	21	X
K10F09V	25.4	0.15	K107N	151.662	65.010	30.678	0.634	0.28708	1.14542	19	X
K10F09Z	19.3	0.15	K107N	33.883	13.671	183.492	15.325	0.44766	2.36011	23	X
K10F10F	21.7	0.15	K107N	12.301	105.014	166.501	5.136	0.63713	2.43079	20	S
K10F80Y	20.2	0.15	K107N	14.625	45.391	164.822	18.916	0.61547	2.68174	13	X
K10F81C	21.9	0.15	K107N	20.026	63.247	144.613	1.681	0.62775	2.66091	10	X
K10G05U	24.5	0.15	K107N	31.675	167.666	19.342	6.392	0.55025	2.34996	6	X
K10G05Z	22.9	0.15	K107N	22.306	122.831	186.678	6.116	0.58544	1.43403	5	X
K10G06A	26.0	0.15	K107N	22.392	33.400	198.173	9.821	0.59233	2.31165	4	S
K10G06B	22.1	0.15	K107N	289.081	188.046	195.139	35.512	0.24437	0.88300	5	X
K10G06C	21.4	0.15	K107N	23.174	236.598	4.598	30.476	0.40594	1.82433	4	X
K10G06D	23.7	0.15	K107N	163.975	296.087	189.130	21.466	0.05982	1.03640	4	X
K10G06T	21.6	0.15	K107N	14.603	303.268	8.331	10.062	0.59194	1.49502	4	X
K10G06U	20.5	0.15	K107N	9.508	84.086	195.925	10.349	0.67876	2.71471	4	S
K10G06Z	19.6	0.15	K107N	357.021	72.725	199.421	45.077	0.14548	1.40847	3	S
K10G07A	21.2	0.15	K107N	236.395	25.471	21.549	30.009	0.38887	0.91266	4	X
K10G07F	25.9	0.15	K107N	32.800	215.066	24.850	3.716	0.45017	1.68327	4	X
K10G07G	21.5	0.15	K107N	32.561	96.020	124.075	13.562	0.34799	1.83196	3	X
K10G07H	27.4	0.15	K107N	78.629	335.233	192.516	3.469	0.30218	1.40496	2	X
K10G07S	21.4	0.15	K107N	13.736	50.288	197.139	9.657	0.64300	2.68491	3	X
K10G07T	20.3	0.15	K107N	37.108	57.718	75.956	9.091	0.67173	2.62851	2	X
K10G21U	20.8	0.15	K107N	16.110	201.164	57.141	3.194	0.56140	2.18181	5	X
K10G23J	18.4	0.15	K107N	50.871	312.039	122.616	18.159	0.50411	2.59271	6	K
K10G23K	19.8	0.15	K107N	29.750	343.272	141.232	35.583	0.71268	3.03207	5	X
K10G23L	22.7	0.15	K107N	158.119	235.864	213.731	7.310	0.34502	1.12531	1	K
K10G23M	24.8	0.15	K107N	29.833	81.440	205.011	4.383	0.44176	1.31242	1	X

New one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K09B29B	17.1	0.15	K098H	76.955	78.685	343.194	2.063	0.30259	2.86698	448	X
K09D86H	18.4	0.15	K092I	33.121	166.189	311.881	2.710	0.17526	2.42452	4	S
K09Y00D	17.0	0.15	K101O	9.012	336.752	127.920	4.367	0.14475	2.58688	115	X
K09Y13D	16.4	0.15	K101O	330.791	234.190	273.991	15.605	0.06578	3.02101	137	S
K10A74C	16.1	0.15	K102D	42.478	287.281	142.445	13.682	0.18817	2.69358	92	X
K10A80O	16.8	0.15	K102D	356.477	359.158	191.275	13.863	0.22671	2.66064	87	X
K10C29J	15.2	0.15	K1035	24.600	143.777	351.021	4.675	0.14405	3.65346	59	H
K10C31E	17.5	0.15	K1035	279.380	263.901	358.958	5.275	0.12535	2.18715	59	X

K10C31Y	17.7	0.15	K1035	328.528	226.947	347.972	7.056	0.17643	2.73507	59	X
K10C56J	17.8	0.15	K1035	358.818	1.012	156.415	10.078	0.39281	2.63637	63	H
K10C60K	16.6	0.15	K1035	36.442	301.993	169.074	8.882	0.11890	2.57044	54	X
K10C60L	17.0	0.15	K1035	14.102	319.168	178.073	4.009	0.18179	2.40317	59	X
K10C76L	15.3	0.15	K1035	217.320	325.420	342.689	4.787	0.13436	3.23596	55	X
K10C76V	18.1	0.15	K1035	18.431	256.176	247.770	1.650	0.16595	2.36526	55	X
K10C77T	16.2	0.15	K1035	276.178	80.614	179.892	0.796	0.13815	3.16079	55	X
K10C79G	16.5	0.15	K1035	265.154	300.286	331.956	2.494	0.12632	2.79252	55	X
K10C79L	16.9	0.15	K1035	4.051	16.879	141.269	0.165	0.16662	3.11417	55	X
K10C82E	16.5	0.15	K1035	323.632	233.500	2.487	6.926	0.25848	2.79403	55	X
K10C84E	16.7	0.15	K1035	39.200	129.764	340.955	6.802	0.11607	2.74641	54	X
K10C94Y	15.7	0.15	K1035	194.596	343.825	352.867	10.136	0.07297	3.22314	54	X
K10CC3Z	16.2	0.15	K1035	308.988	144.980	98.305	13.006	0.15812	2.70898	53	X
K10CF7R	17.0	0.15	K1035	34.267	124.788	358.857	1.991	0.12254	3.21281	53	X
K10CG7T	14.7	0.15	K102D	236.856	121.608	93.009	27.574	0.16677	3.01190	1	ES
K10CH0N	17.0	0.15	K1035	20.701	279.994	223.450	0.872	0.07716	2.67701	58	X
K10CHOV	16.6	0.15	K1035	158.255	19.820	344.094	5.678	0.04201	2.71471	55	X
K10CH1H	17.2	0.15	K1035	291.644	258.279	353.982	12.471	0.14801	2.67589	54	X
K10CI0A	17.0	0.15	K1035	329.530	208.128	348.465	8.593	0.11413	2.34356	61	X
K10CI2G	16.5	0.15	K1035	116.849	220.810	165.585	14.823	0.15754	3.06926	54	X
K10CI5E	15.2	0.15	K1035	51.679	102.204	343.173	23.852	0.18790	3.15986	53	X
K10CI5K	16.3	0.15	K1035	354.146	183.627	21.879	23.953	0.16970	2.34903	53	S
K10D06R	18.2	0.15	K1035	327.405	28.989	180.419	2.450	0.13331	2.34844	52	X
K10D06S	17.8	0.15	K1035	4.802	282.509	238.428	0.637	0.13973	2.45115	52	X
K10D06U	16.8	0.15	K1035	0.921	353.005	174.032	2.554	0.14113	2.75322	52	X
K10D13F	16.7	0.15	K1014	341.144	271.411	187.094	21.163	0.06404	3.11014	54	S
K10D34N	17.0	0.15	K1035	349.275	171.824	14.453	19.605	0.06175	1.97970	50	X
K10D37Q	17.5	0.15	K1035	264.332	295.717	339.704	4.679	0.18184	2.46296	52	X
K10D38U	18.5	0.15	K1035	27.920	130.298	2.282	3.943	0.10233	2.25144	52	X
K10D49Z	16.9	0.15	K1035	73.445	97.623	342.092	10.739	0.05273	2.92154	52	X
K10D50W		0.15	K102D	123.238	171.436	149.428	24.924	0.06288	2.30923	1	ES
K10D77X	17.2	0.15	K1035	338.287	213.830	351.118	12.201	0.12509	2.41027	52	X
K10D79F	16.8	0.15	K1035	318.781	247.996	354.784	12.073	0.22988	2.62834	47	S
K10E12F	17.4	0.15	K1035	349.477	349.860	195.632	13.702	0.27171	3.02550	33	X
K10E12Q	15.9	0.15	K1035	199.688	151.462	178.591	11.828	0.04530	2.66126	32	X
K10E20Y	17.0	0.15	K103P	75.892	64.597	358.496	21.566	0.29849	2.32777	31	X
K10E20Z	15.2	0.15	K1035	246.871	234.563	31.248	11.065	0.03408	3.09583	34	X
K10E30A	16.6	0.15	K1035	55.175	90.035	355.387	16.902	0.23950	2.67645	35	X
K10E32Z	16.6	0.15	K1035	343.574	13.649	171.384	5.885	0.00907	2.91350	36	X
K10E33O	16.5	0.15	K1035	342.295	207.224	358.739	6.634	0.20673	3.11979	36	X
K10E33P	16.7	0.15	K1035	330.334	219.580	3.992	13.365	0.21519	2.65755	36	X
K10E33S	17.2	0.15	K1035	301.575	237.758	11.685	6.857	0.11624	2.34478	36	X
K10E33V	16.2	0.15	K1035	276.907	275.948	359.767	10.777	0.09731	3.01630	36	X
K10E34B	17.1	0.15	K1035	350.994	357.542	194.529	4.788	0.09960	2.67225	35	X
K10E37R	15.7	0.15	K103P	316.043	79.347	177.174	7.812	0.12167	3.11778	28	H
K10E37W	17.5	0.15	K103P	332.764	61.675	190.007	30.109	0.32418	2.67112	28	H
K10E38A	16.7	0.15	K103P	342.656	40.343	187.430	10.190	0.24397	2.66865	28	X
K10E39V	17.8	0.15	K103P	333.739	37.038	184.041	4.058	0.16893	2.35641	29	X
K10E41X	16.2	0.15	K103P	55.524	98.384	8.569	14.156	0.21073	3.11359	28	X
K10E66L	16.9	0.15	K103P	324.879	237.576	2.715	11.471	0.25821	2.64225	29	H
K10E67O	17.9	0.15	K103P	4.824	170.679	8.894	19.553	0.05168	1.97870	28	X
K10E70E	17.3	0.15	K103P	39.575	274.975	189.769	19.232	0.44942	3.14308	28	H
K10E75S	16.3	0.15	K103P	37.108	313.971	186.244	12.359	0.09659	3.08314	28	X
K10E76D	18.4	0.15	K103P	3.172	267.840	274.789	0.521	0.12839	2.34525	28	X
K10E82R	16.0	0.15	K103P	289.565	254.166	8.417	16.086	0.07985	2.57184	28	X
K10E83Q	17.5	0.15	K103P	42.446	314.104	191.154	12.790	0.17922	2.54780	27	X
K10E84O	17.1	0.15	K103P	58.281	106.647	11.116	11.911	0.08868	2.60802	27	X
K10E84W	18.3	0.15	K103P	337.451	219.440	353.734	2.129	0.12785	2.62666	27	X

K10E84Y	16.6	0.15	K103P	264.968	101.511	180.867	5.047	0.02742	2.78639	27	X
K10E85F	18.2	0.15	K103P	348.248	195.294	4.752	4.211	0.11189	2.27555	27	X
K10E98R	16.8	0.15	K103P	341.931	193.049	30.687	15.649	0.22242	3.16533	26	X
K10E99D	16.8	0.15	K103P	326.881	55.580	176.948	15.230	0.06974	2.54195	25	S
K10EA3X	16.5	0.15	K103P	322.806	53.417	186.544	8.894	0.10070	3.07622	25	X
K10EA5L	17.4	0.15	K103P	345.338	14.307	196.192	6.286	0.12065	2.39929	27	S
K10EA5R	16.9	0.15	K103P	10.560	35.532	146.040	5.193	0.17885	2.62798	25	S
K10EA6K	17.4	0.15	K103P	61.898	96.977	23.799	21.787	0.03484	1.88336	26	H
K10EA7Z	16.4	0.15	K103P	42.934	301.226	190.075	15.325	0.27379	3.04921	28	X
K10EA8Y	16.9	0.15	K103P	31.162	113.654	51.657	7.847	0.05161	2.57441	26	X
K10EA9B	17.2	0.15	K103P	317.748	192.938	63.878	5.191	0.17255	2.60512	26	X
K10EB3F	15.7	0.15	K103P	256.561	267.844	41.260	11.309	0.07378	3.19142	26	X
K10EB9V	18.6	0.15	K103P	2.114	343.460	193.060	21.048	0.48839	3.28404	25	H
K10EC3L	16.9	0.15	K103P	296.600	193.472	82.679	4.900	0.09226	2.45490	25	X
K10ED3N	16.7	0.15	K103P	82.081	69.633	38.645	12.110	0.05470	2.77380	26	X
K10ED4A	17.6	0.15	K1035	326.859	30.836	196.123	1.955	0.17034	2.39575	35	X
K10ED4Y	17.9	0.15	K103P	4.049	4.703	188.932	8.715	0.22982	2.71979	28	X
K10ED7O	18.0	0.15	K103P	313.985	242.097	2.471	2.645	0.14015	2.36938	28	X
K10ED9F	17.5	0.15	K103P	346.766	180.194	25.358	20.261	0.05207	1.98704	21	ES
K10ED9L	5.1	0.15	K103P	1.449	232.320	328.436	22.221	0.15618	43.31548	28	EM
K10F04O	15.8	0.15	K103P	279.358	266.453	9.029	16.128	0.08518	3.21984	24	X
K10F06H	17.0	0.15	K103P	28.563	283.111	228.665	1.176	0.06869	2.92554	24	X
K10F15D	16.4	0.15	K103P	359.547	86.743	117.673	3.577	0.10023	2.99384	23	X
K10F24T	18.1	0.15	K103P	2.892	298.193	258.180	1.548	0.14273	2.33427	22	X
K10F30O	15.9	0.15	K103P	103.321	41.420	48.654	9.869	0.09917	3.13785	22	X
K10F30W	17.5	0.15	K103P	342.429	196.622	21.297	14.237	0.19789	2.68501	23	X
K10F55Q	18.1	0.15	K103P	330.636	190.840	42.273	3.001	0.16850	2.29482	25	X
K10F56E	17.1	0.15	K103P	27.449	146.131	11.321	14.317	0.18442	2.60612	16	S
K10F83M	16.7	0.15	K103P	324.849	165.211	85.665	4.713	0.12441	2.61375	21	X
K10F84L	15.7	0.15	K102D	300.863	82.603	194.460	19.351	0.21210	3.40609	87	H
K10F84P	18.1	0.15	K103P	308.755	198.120	65.885	3.021	0.17843	2.34315	15	X
K10F84T	16.6	0.15	K103P	9.639	146.810	30.583	5.633	0.20682	3.00074	14	X
K10F85E	17.0	0.15	K103P	351.578	77.231	131.544	5.743	0.17308	2.61142	20	X
K10F85G	16.2	0.15	K103P	321.034	100.210	130.469	13.821	0.10002	2.63921	21	X
K10F86B	17.7	0.15	K103P	346.513	96.568	132.809	2.801	0.16390	2.33546	15	X
K10F86X	4.3	0.15	K103P	183.231	81.188	312.866	25.255	0.06444	44.01221	22	EM
K10F87E	17.4	0.15	K103P	295.435	97.968	199.209	3.708	0.28028	2.53843	12	S
K10F87F	15.8	0.15	K103P	315.729	199.067	52.450	8.941	0.11057	2.71474	20	S
K10F87G	17.4	0.15	K103P	319.873	138.236	116.917	3.968	0.14243	2.25737	21	H
K10F87H	17.9	0.15	K103P	32.523	314.724	197.453	3.726	0.13285	2.78755	22	ES
K10G01K	17.1	0.15	K103P	46.954	257.094	169.957	10.002	0.17244	2.43528	2	ES
K10G01Y	16.8	0.15	K103P	30.978	57.440	27.604	25.248	0.19308	2.79677	2	ES
K10G03V	15.5	0.15	K103P	17.559	50.219	55.528	27.259	0.19358	3.11754	2	ES
K10G04N	16.2	0.15	K103P	18.855	82.126	18.371	25.881	0.15611	3.20835	1	ES
K10G05Q	15.2	0.15	K103P	34.481	4.850	73.843	17.017	0.14184	3.93633	1	ES
K10G05R	18.1	0.15	K103P	41.549	258.803	171.784	25.894	0.18760	2.49342	2	ES
K10G05V	17.6	0.15	K103P	334.583	124.982	96.880	0.535	0.15550	2.33052	6	X
K10G05W	17.1	0.15	K103P	245.537	305.744	13.642	5.523	0.18958	2.23763	7	X
K10G06M	14.5	0.15	K103P	209.640	357.181	351.522	11.553	0.05256	2.99998	5	X
K10G07P	18.4	0.15	K103P	41.715	116.405	43.670	22.026	0.03975	2.00112	4	X
K10G07U	18.3	0.15	K103P	111.606	39.346	44.565	20.780	0.09405	1.86253	3	X
K10G21V		0.15	K103P	316.255	223.641	86.205	24.253	0.19496	2.24982	1	S
K10G21W		0.15	K103P	174.116	131.179	182.511	10.862	0.15545	2.07171	1	S
K10G21Y		0.15	K103P	309.124	157.206	152.541	28.753	0.08659	2.45033	2	S
K10G22B		0.15	K103P	299.263	124.106	66.444	16.299	0.02424	2.98345	1	S
K10G22C		0.15	K103P	291.948	137.529	192.797	4.604	0.01956	2.70352	1	S
K10G22D		0.15	K103P	286.888	92.991	277.641	19.760	0.30570	3.08044	1	S
K10G22E		0.15	K103P	167.033	137.144	309.766	15.527	0.12828	2.21578	1	S

K10G22H	0.15	K103P	142.571	245.998	97.792	12.027	0.06999	2.25840	1	S	
K10G22J	0.15	K103P	311.908	125.990	55.750	28.705	0.03537	3.00818	1	S	
K10G22K	0.15	K103P	10.070	241.071	227.250	3.608	0.25859	3.93503	1	S	
K10G22L	0.15	K103P	202.528	340.372	310.643	11.401	0.17076	2.38399	1	S	
K10G22M	0.15	K103P	38.533	118.379	325.597	11.293	0.07096	2.73267	0	S	
K10G22O	0.15	K103P	221.985	200.271	200.179	12.755	0.12161	1.95930	1	S	
K10G22Q	0.15	K103P	195.548	138.514	154.103	15.506	0.04651	2.64627	1	S	
K10G22R	0.15	K103P	96.585	91.505	298.280	12.725	0.02639	2.56397	1	S	
K10G22S	0.15	K103P	210.115	83.532	196.609	26.575	0.07178	2.77083	1	S	
K10G22T	0.15	K103P	74.751	224.008	177.527	7.949	0.15912	2.05108	1	S	
K10G22U	0.15	K103P	263.636	122.851	108.317	24.632	0.05756	2.91582	1	S	
K10G22V	0.15	K103P	134.546	342.330	7.675	12.786	0.07803	2.25701	1	S	
K10G22X	0.15	K103P	308.572	31.596	289.433	2.309	0.12934	2.49868	1	S	
K10G22Y	0.15	K103P	146.940	155.642	301.573	28.058	0.19892	2.11389	1	S	
K10G22Z	0.15	K103P	165.103	221.466	233.816	14.696	0.05860	2.53693	1	S	
K10G23B	0.15	K103P	11.448	322.945	150.294	24.071	0.07865	2.98959	1	S	
K10G23C	0.15	K103P	16.768	25.122	88.057	23.282	0.08742	2.80427	1	S	
K10G23D	0.15	K103P	192.580	159.603	141.715	28.680	0.15995	2.07292	1	S	
K10G23H	0.15	K103P	3.484	282.051	201.742	17.654	0.05731	3.12710	1	S	
K10G23Q	15.2	0.15	K103P	112.259	25.080	43.662	30.553	0.17885	2.78993	3	H
K10G23R	17.6	0.15	K103P	349.431	314.867	230.411	5.377	0.01930	2.23422	3	X
K10G23T	20.2	0.15	K103P	355.495	167.403	39.027	17.472	0.47784	2.67487	1	EX
K10G23U	16.7	0.15	K103P	31.334	321.071	180.830	23.899	0.36634	2.57588	1	EX

New observations:

J98W02B	KC2010	04	08.86880	09	22	32.43	+36	27	00.6	19.4	V	EG072B23
J98W02B	C2010	04	09.09779	09	29	11.59	+35	45	46.2	18.0	V	EG072H21
J98W02B	C2010	04	09.10061	09	29	16.29	+35	45	15.1	18.9	V	EG072H21
J98W02B	C2010	04	09.10342	09	29	20.98	+35	44	44.1	18.0	V	EG072H21
J98W02B	C2010	04	09.10623	09	29	25.64	+35	44	13.1	18.5	V	EG072H21
J98W02B	C2010	04	09.10921	09	29	30.60	+35	43	40.2	18.4	V	EG072H21
J98W02B	C2010	04	09.18617	09	31	40.69	+35	29	43.5	19.0	V	EG072703
J98W02B	C2010	04	09.18891	09	31	42.76	+35	28	46.9	17.3	V	EG072H26
J98W02B	C2010	04	09.19065	09	31	45.68	+35	28	26.6	17.3	V	EG072H26
J98W02B	C2010	04	09.19141	09	31	49.29	+35	28	44.8	18.0	V	EG072703
J98W02B	C2010	04	09.19238	09	31	48.59	+35	28	07.1	17.4	V	EG072H26
J98W02B	C2010	04	09.19325	09	31	49.97	+35	27	57.6	17.6	V	EG072H26
J98W02B	C2010	04	09.19667	09	31	57.93	+35	27	46.7	17.8	V	EG072703
J98W02B	C2010	04	09.20190	09	32	06.46	+35	26	47.9	18.5	V	EG072703
J98W02B	C2010	04	09.32097	09	35	21.44	+35	03	45.4	17.8	R	EG072H26
J98W02B	C2010	04	09.33054	09	35	37.13	+35	01	54.7	17.8	R	EG072H26
J98W02B	C2010	04	09.33483	09	35	44.30	+35	01	04.6	17.7	R	EG072H26
J98W02B	C2010	04	09.33568	09	35	45.60	+35	00	55.0	17.8	R	EG072H26
J98W02B	C2010	04	09.33654	09	35	47.06	+35	00	45.0	17.7	R	EG072H26
J98W02B	KC2010	04	09.89360	09	50	39.77	+33	16	04.2	17.9	R	EG072213
J98W02B	KC2010	04	09.89535	09	50	42.41	+33	15	44.4	17.6	R	EG072213
J98W02B	KC2010	04	09.90281	09	50	53.48	+33	14	17.8	18.1	R	EG072213
J98W02B	KC2010	04	09.90736	09	51	00.26	+33	13	25.2	18.1	R	EG072213
J99H01W	C2010	04	09.27147	14	10	41.26	+17	46	45.0	19.0	V	EG072703
J99H01W	C2010	04	09.27720	14	10	40.33	+17	46	25.8	19.0	V	EG072703
J99H01W	C2010	04	09.28301	14	10	39.50	+17	46	05.5	19.3	V	EG072703
J99H01W	C2010	04	09.28878	14	10	38.67	+17	45	46.0	19.4	V	EG072703
J99T10A	C2010	04	09.43222	15	49	25.68	-22	48	21.6	18.4	R	EG072G92
J99T10A	C2010	04	09.44693	15	49	26.38	-22	47	53.2	18.4	R	EG072G92
J99T10A	C2010	04	09.46166	15	49	27.14	-22	47	24.1	18.8	R	EG072G92
J99XQ2X	S2010	04	01.45038	18	59	31.08	-32	31	03.3	22	R	EG072C51
J99XQ2X	s2010	04	01.45038	1	+	208.9926	-	5828.2310	-	3712.3379		EG072C51
J99XQ2X	S2010	04	01.45051	18	59	31.05	-32	31	02.7			EG072C51

J99XQ2X	s2010 04 01.45051 1 + 194.3693 - 5784.0624 - 3781.7012	EG072C51
J99XQ2X	S2010 04 01.58282 18 59 45.65 -32 31 15.8	EG072C51
J99XQ2X	s2010 04 01.58282 1 + 209.4416 - 5789.7203 - 3772.1729	EG072C51
J99XQ2X	S2010 04 01.71512 18 59 59.80 -32 31 26.2	EG072C51
J99XQ2X	s2010 04 01.71512 1 + 223.9826 - 5794.0347 - 3764.6202	EG072C51
J99XQ2X	S2010 04 01.84742 19 00 14.21 -32 31 38.2	EG072C51
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K10G07T	C2010 04 09.30468 16 00 58.55 +16 18 22.5	18.9 R EG072926
K10G07T	C2010 04 09.30645 16 00 58.09 +16 18 17.9	18.9 R EG072926
K10G07T	tC2010 04 09.37798 16 00 39.99 +16 14 57.4	18.9 V EG072291
K10G07T	tC2010 04 09.38252 16 00 38.84 +16 14 44.8	19.1 V EG072291
K10G07T	tC2010 04 09.38657 16 00 37.79 +16 14 33.5	19.1 V EG072291
K10G07T	C2010 04 09.42116716 00 28.26 +16 12 51.2	19.7 V EG072H21
K10G07T	C2010 04 09.42352816 00 27.66 +16 12 44.4	19.5 V EG072H21
K10G07T	C2010 04 09.42588216 00 27.08 +16 12 38.0	19.8 V EG072H21
K10G21U	C2010 04 09.89880 13 19 05.77 +06 49 52.0	17.5 R EG072587
K10G21U	C2010 04 09.90227 13 19 05.93 +06 49 54.0	17.5 R EG072587
K10G21U	C2010 04 09.90574 13 19 06.10 +06 49 56.0	17.7 R EG072587
K10G23K	6C2010 04 09.19158113 47 30.79 +79 00 51.5	20.4 R EG072705
K10G23K	6C2010 04 09.19561013 47 30.83 +79 00 41.3	20.5 R EG072705
K10G23K	6C2010 04 09.20047513 47 30.97 +79 00 29.1	20.5 R EG072705
K10G23K	6C2010 04 09.20409713 47 31.05 +79 00 19.9	20.7 R EG072705
K10G23M	C2010 04 09.29678 13 56 38.69 -26 23 43.9	18.6 EG072704
K10G23M	C2010 04 09.30815 13 56 48.12 -26 25 16.1	19.2 EG072704
K10G23M	C2010 04 09.31948 13 56 57.47 -26 26 46.3	18.7 EG072704
K10G23M	C2010 04 09.33100 13 57 07.10 -26 28 18.4	18.5 EG072704
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00887	C2010 04 09.42066 17 08 12.08 -13 35 25.2	EG072704
00887	C2010 04 09.43207 17 08 11.84 -13 35 25.1	EG072704
00887	C2010 04 09.44348 17 08 11.64 -13 35 23.2	EG072704
00887	C2010 04 09.45489 17 08 11.37 -13 35 21.3	EG072704
00887	C2010 04 09.46630 17 08 11.23 -13 35 19.2	EG072704
01036	KC2010 04 08.91302 12 27 34.65 -17 54 06.2	14.4 R EG072J59
01036	KC2010 04 08.92032 12 27 34.26 -17 54 02.2	14.3 R EG072J59
01036	KC2010 04 08.92823 12 27 33.87 -17 53 57.8	14.4 R EG072J59
02061	C2010 04 09.28869 12 08 57.66 -02 54 54.3	21.3 V EG072G96
02061	C2010 04 09.29661 12 08 57.26 -02 54 51.4	21.8 V EG072G96
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03671	KC2010 04 09.84107 13 18 31.70 +26 23 50.6	17.4 V EG072240
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03671	KC2010 04 09.85014 13 18 30.86 +26 23 57.5	17.6 V EG072240
03671	KC2010 04 09.85195 13 18 30.70 +26 23 58.8	17.6 V EG072240
03671	KC2010 04 09.88151 13 18 27.91 +26 24 22.5	16.8 V EG072B09
03671	KC2010 04 09.88378 13 18 27.70 +26 24 24.4	16.9 V EG072B09
05370	C2010 04 09.37391 14 33 29.30 +00 51 46.1	20.4 V EG072703
05370	C2010 04 09.38110 14 33 28.94 +00 51 51.2	20.3 V EG072703
05370	C2010 04 09.38827 14 33 28.54 +00 51 55.0	19.9 V EG072703
05370	C2010 04 09.39548 14 33 28.33 +00 51 58.5	20.3 V EG072703
12923	C2010 04 08.71428 14 24 54.98 -06 39 21.5	17.7 R EG072D29
12923	C2010 04 08.73027 14 24 54.16 -06 39 10.0	17.7 R EG072D29
12923	C2010 04 08.74638 14 24 53.24 -06 38 57.0	17.5 R EG072D29

12923	C2010 04 08.76242 14 24 52.48 -06 38 46.4	17.9 R EG072D29
12923	C2010 04 09.32466 14 24 25.20 -06 31 53.8	16.9 V EG072703
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12923	C2010 04 09.33757 14 24 24.51 -06 31 44.3	17.0 V EG072703
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12923	C2010 04 09.35903 14 24 23.38 -06 31 28.1	16.7 EG072704
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12923	C2010 04 09.39376 14 24 21.48 -06 31 02.4	17.2 EG072704
12923	C2010 04 09.40514 14 24 20.91 -06 30 53.9	17.2 EG072704
27346	KC2010 04 08.84675 07 43 15.22 +32 27 05.2	19.0 V EG072B23
27346	KC2010 04 08.85131 07 43 15.64 +32 27 07.1	19.3 V EG072B23
27346	KC2010 04 08.85575 07 43 16.29 +32 27 09.6	19.2 V EG072B23
54789	KC2010 04 07.81654 09 53 30.80 +57 41 57.5	17.1 C EG072160
54789	KC2010 04 07.81839 09 53 31.13 +57 41 56.8	17.0 C EG072160
54789	KC2010 04 07.81992 09 53 31.41 +57 41 56.6	16.8 C EG072160
66251	S2010 04 02.53810 07 10 07.52 +10 35 35.5	EG072C51
66251	s2010 04 02.53810 1 - 765.2051 + 6736.4396 + 1330.6655	EG072C51
66251	S2010 04 02.80284 07 10 30.04 +10 37 08.0	EG072C51
66251	s2010 04 02.80284 1 - 785.7507 + 6721.0773 + 1393.9603	EG072C51
66251	S2010 04 02.86893 07 10 35.53 +10 37 30.6	EG072C51
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66251	S2010 04 02.93514 07 10 41.13 +10 37 54.2	EG072C51
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66251	S2010 04 03.53058 07 11 31.76 +10 41 19.9	EG072C51
66251	s2010 04 03.53058 1 - 871.2536 + 6712.6679 + 1383.7214	EG072C51
86067	KC2010 04 07.82692 09 57 27.91 +45 02 24.5	19.1 C EG072160
86067	KC2010 04 07.82979 09 57 28.10 +45 02 24.2	19.0 C EG072160
86067	KC2010 04 07.83239 09 57 28.19 +45 02 23.9	18.7 C EG072160
E1432	C2010 04 09.35420 13 38 36.28 -00 14 59.7	18.3 EG072704
E1432	C2010 04 09.36564 13 38 33.74 -00 14 42.4	18.4 EG072704
E1432	C2010 04 09.37713 13 38 31.21 -00 14 25.1	18.6 EG072704
E1432	C2010 04 09.38900 13 38 28.55 -00 14 07.7	18.8 EG072704
E2464	S2010 04 02.47125 07 05 04.00 +06 42 35.1	EG072C51
E2464	s2010 04 02.47125 1 - 826.2267 + 6802.7674 + 886.5941	EG072C51
E2464	S2010 04 02.60356 07 05 25.37 +06 47 59.2	EG072C51
E2464	s2010 04 02.60356 1 - 843.1992 + 6801.9958 + 875.7797	EG072C51
E2464	S2010 04 02.73586 07 05 46.77 +06 53 23.4	EG072C51
E2464	s2010 04 02.73586 1 - 860.1457 + 6801.0619 + 866.5681	EG072C51
E2464	S2010 04 02.73599 07 05 46.79 +06 53 22.3	EG072C51
E2464	s2010 04 02.73599 1 - 847.7637 + 6791.5206 + 948.6595	EG072C51
F2664	C2010 04 09.24110113 48 33.47 -14 23 19.2	22.4 V EG072H21
F2664	C2010 04 09.25352013 48 32.19 -14 23 12.6	22.1 V EG072H21
F2664	C2010 04 09.26605013 48 30.81 -14 23 06.2	22.0 V EG072H21
F3814	C2010 04 09.96937 13 43 04.45 -15 23 03.7	19.5 R EG072587
F3814	C2010 04 09.97152 13 43 04.22 -15 23 01.9	EG072587
F3814	C2010 04 09.97572 13 43 03.86 -15 23 00.3	EG072587
G2903	S2010 04 04.62173 19 03 41.64 -08 20 51.2	EG072C51
G2903	s2010 04 04.62173 1 + 1039.9915 - 6738.9690 - 1121.9468	EG072C51
G2903	S2010 04 04.75404 19 03 50.69 -08 09 15.5	EG072C51
G2903	s2010 04 04.75404 1 + 1056.6246 - 6737.6233 - 1113.7179	EG072C51
G2903	S2010 04 04.88622 19 03 59.69 -07 57 40.7	EG072C51
G2903	s2010 04 04.88622 1 + 1086.1909 - 6747.0623 - 1023.5212	EG072C51
G2903	S2010 04 04.88634 19 03 59.69 -07 57 39.9	EG072C51
G2903	s2010 04 04.88634 1 + 1073.2023 - 6736.3333 - 1105.3655	EG072C51
G2903	S2010 04 05.01852 19 04 08.66 -07 46 04.2	EG072C51
G2903	s2010 04 05.01852 1 + 1103.4423 - 6746.0687 - 1013.5603	EG072C51
G2903	S2010 04 05.15082 19 04 17.61 -07 34 26.0	EG072C51

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G2903	S2010 04 05.28313 19 04 26.50 -07 22 47.4	EG072C51
G2903	s2010 04 05.28313 1 + 1136.9090 - 6743.3253 - 994.6179	EG072C51
G2903	S2010 04 05.41543 19 04 35.39 -07 11 08.0	EG072C51
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G2998	KC2010 04 08.88378 08 57 40.21 +12 36 47.0	18.7 V EG072B23
G2998	KC2010 04 08.88876 08 57 41.47 +12 36 42.3	18.6 V EG072B23
G3732	C2010 04 09.32241 12 59 58.34 -03 00 39.5	22.1 V EG072G96
G3732	C2010 04 09.33081 12 59 57.94 -03 00 35.9	21.5 V EG072G96
G3732	C2010 04 09.33926 12 59 57.55 -03 00 31.8	21.5 V EG072G96
G3732	C2010 04 09.34770 12 59 57.19 -03 00 27.8	21.5 V EG072G96
H5706	KC2010 04 08.88378 08 56 04.92 +12 58 46.4	19.1 V EG072B23
H5706	KC2010 04 08.88876 08 56 04.88 +12 58 46.9	20.0 V EG072B23
L8863	C2010 04 08.87498 09 18 10.61 +25 28 27.3	16.4 V EG072B23
L8863	C2010 04 08.87602 09 18 10.97 +25 28 27.2	16.4 V EG072B23
L8863	C2010 04 08.87706 09 18 11.33 +25 28 26.1	16.2 V EG072B23
L8863	C2010 04 08.87812 09 18 11.73 +25 28 26.6	16.5 V EG072B23
L8863	C2010 04 08.87912 09 18 12.09 +25 28 26.5	16.4 V EG072B23
L8863	C2010 04 09.15958 09 19 55.41 +25 27 35.1	16.2 V EG072703
L8863	C2010 04 09.16475 09 19 57.28 +25 27 34.0	16.2 V EG072703
L8863	C2010 04 09.16992 09 19 59.08 +25 27 32.7	16.2 V EG072703
L8863	C2010 04 09.17507 09 20 00.96 +25 27 31.7	16.2 V EG072703
L8863	C2010 04 09.18671 09 20 05.06 +25 27 29.1	16.2 EG072704
L8863	C2010 04 09.19803 09 20 09.11 +25 27 26.5	16.4 EG072704
L8863	C2010 04 09.20938 09 20 13.17 +25 27 23.9	16.5 EG072704
L8863	C2010 04 09.22085 09 20 17.27 +25 27 21.0	16.6 EG072704
L8863	C2010 04 09.23226 09 20 21.35 +25 27 18.0	16.3 EG072704
M0124	KC2010 04 08.99160 13 49 42.88 +37 50 52.0	16.8 V EG072B23
M0124	KC2010 04 08.99264 13 49 42.67 +37 50 59.5	17.0 V EG072B23
M0124	KC2010 04 08.99369 13 49 42.46 +37 51 07.4	17.2 V EG072B23
M0124	KC2010 04 08.99474 13 49 42.27 +37 51 15.0	17.3 V EG072B23
M0124	KC2010 04 08.99579 13 49 42.09 +37 51 23.0	17.2 V EG072B23
N2382	KC2010 04 09.82471 09 17 34.80 +13 54 06.7	18.4 V EG072240
N2382	KC2010 04 09.83187 09 17 34.88 +13 53 59.6	18.4 V EG072240
N2382	KC2010 04 09.85336 09 17 35.13 +13 53 39.4	18.4 V EG072240
N2382	KC2010 04 09.85758 09 17 35.17 +13 53 35.0	18.3 V EG072240

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