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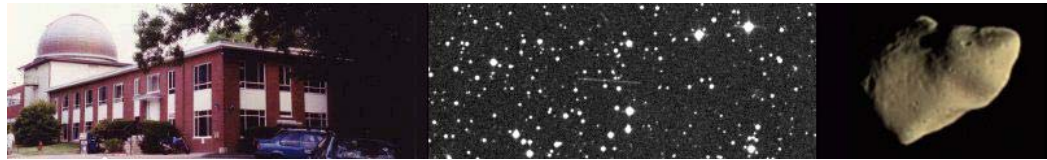
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MPEC 2010-A39 : DAILY ORBIT UPDATE (2010 JAN. 9 UT)

The following [Minor Planet Electronic Circular](#) may be linked-to from your own Web pages, but must not otherwise be [redistributed electronically](#).

[Read MPEC 2010-A38](#)[Read MPEC 2010-A40](#)

M.P.E.C. 2010-A39

Issued 2010 Jan. 9, 07:11 UT

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DAILY ORBIT UPDATE (2010 JAN. 9 UT)

Update to [MPEC 2010-A33](#)

Full-precision elements for the objects listed here are available at <ftp://cfa-ftp.harvard.edu/pub/MPCORB/>

New identification:

K02N08U	K08P21G	MPC
K02X57G	K09P18Z	MPC
K03E35J	K09P19E	MPC
K03T08H	K08L17Y	MPC
K04H32Y	K08M05M	MPC
K04T45S	K08P21L	MPC
K04Tb0P	K06D68R	MPC
K04W12V	K09B01P	MPC
K04X46Q	K09W43C	MPC
K05N43H	K09Q58H	MPC
K05NC5S	K09V80J	MPC
K05QJ0R	K07B30N	MPC
K05QJ0S	K09H86H	MPC
K05R52A	K07B83S	MPC
K07A15J	K09Q58B	MPC
K07E780	K09Q58F	MPC
K08M05K	K09UA8Z	MPC
K08M05L	K03UT3W	MPC
K08M05N	K07EH10	MPC
K08N05E	K09WN5A	MPC
K08P20Y	K09W90Z	MPC
K08P20Z	K04TW4G	MPC
K08P21C	J96F09D	MPC
K08P21D	K03K33P	MPC
K08Q07U	K07C60Y	MPC
K08Q44J	K03UA0M	MPC
K08SA7G	K05YM8B	MPC
K08UQ7K	J95U39O	MPC
K09O24P	K05WH9Y	MPC
K09O24Q	K05Ug2F	MPC
K09O24S	K08EC9J	MPC
K09O24V	K06A95V	MPC
K09P19J	K08B37X	MPC
K09P19K	K05L51G	MPC
K09P19M	K04TY8E	MPC
K09Q41W	K04RE2S	MPC

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K09057Z	K04V87V	MPC
	K07G54W	MPC
	K00EI9B	K04G18P
K09Q58L	K05TB6A	MPC
K09Q58R	K08EE0T	MPC
K09SS5E	K05QA5F	MPC
K09UE6O	K04TL3W	MPC
K09UE6Q	K06H37T	MPC
K09WI3M	K05YO9Z	MPC
K09WO9R	K00S45T	K08P06J
K09WP4J	K04V84N	K06E74X
K09Y13R	K05WA0L	MPC
K09Y19X	K03YF6S	MPC
K09Y20T	K05YH7Z	MPC
K09Y21P	K04XE9F	MPC

New double designation:

K07A15J	K06X72E	MPC
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New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp
J94A13Y	16.7	0.15	K1014	310.335	48.730	107.888	5.883	0.13618	2.55102	5
J95F03P	16.2	0.15	K1014	296.631	152.321	28.089	5.459	0.11246	3.00276	6
J95F05N	17.3	0.15	K1014	273.127	90.868	120.923	2.952	0.13576	2.45815	5
J95H03D	17.4	0.15	K1014	300.554	138.889	79.308	3.648	0.13552	2.44703	5
J95S37D	17.2	0.15	K1014	50.249	43.345	342.620	2.497	0.12387	2.25964	3
J95W13B	17.1	0.15	K1014	349.047	352.576	127.906	4.410	0.14749	2.74330	4
J96G05L	15.7	0.15	K1014	327.781	5.082	162.085	6.101	0.01777	2.86553	8
J96X24B	17.0	0.15	K1014	49.968	11.261	62.830	4.085	0.27130	2.57944	6
J97E06G	15.9	0.15	K1014	326.504	211.752	333.543	17.122	0.10901	2.64837	5
J97T01Y	16.1	0.15	K1014	12.554	192.440	245.323	2.461	0.17344	2.46706	5
J98B22S	17.2	0.15	K1014	349.645	6.181	120.186	5.141	0.08787	2.55018	6
J98HC9J	16.5	0.15	K1014	286.614	349.080	224.842	3.208	0.22148	2.58061	5
J98M17R	15.8	0.15	K1014	222.693	347.931	281.715	15.688	0.48508	2.69337	6
J98R06Z	16.0	0.15	K1014	138.851	186.579	163.776	6.122	0.07112	2.80514	7
J98S08T	17.5	0.15	K1014	122.121	344.357	13.091	3.984	0.16152	2.26154	5
J98S84J	18.1	0.15	K1014	62.220	211.018	150.245	3.203	0.28764	2.32868	4
J98S87J	17.0	0.15	K1014	116.954	82.374	257.726	4.144	0.18987	2.28105	4
J98SC4Z	17.0	0.15	K1014	96.136	219.349	130.034	2.488	0.19088	2.30290	7
J98SG2H	17.3	0.15	K1014	89.663	47.101	305.808	1.120	0.23280	2.31017	4
J98T00H	16.9	0.15	K1014	90.837	130.757	228.655	3.222	0.23674	2.30641	5
J98W36C	18.3	0.15	K1014	32.742	343.755	55.713	3.771	0.20460	2.35653	4
J99C57S	15.8	0.15	K1014	307.522	228.959	346.546	10.253	0.21328	2.38075	5
J99F12L	17.5	0.15	K1014	284.478	19.345	199.333	0.795	0.13431	2.43274	5
J99G07D	16.9	0.15	K1014	47.880	267.741	161.700	6.388	0.09653	2.45347	6
J99RB1D	15.5	0.15	K1014	92.583	56.848	339.752	16.567	0.18378	2.71090	4
J99RE6O	17.3	0.15	K1014	139.059	36.472	282.614	3.932	0.17489	2.12127	5
J99T60V	17.1	0.15	K1014	208.638	75.578	205.701	4.348	0.09377	2.64074	4
J99T64H	16.2	0.15	K1014	33.346	42.862	1.469	6.257	0.01220	2.77605	6
J99T76J	16.6	0.15	K1014	143.367	285.380	30.543	4.005	0.09065	2.78406	6
J99T84Y	16.8	0.15	K1014	106.178	108.469	240.294	1.103	0.23169	2.76237	4
J99TN5B	16.5	0.15	K1014	56.575	232.183	169.357	2.456	0.18720	2.78952	5
J99U21E	16.5	0.15	K1014	239.145	207.370	65.677	3.800	0.04322	2.64032	6
J99U36R	17.1	0.15	K1014	50.701	83.634	320.569	2.787	0.09761	2.75488	7
J99VD4L	16.7	0.15	K1014	54.739	182.656	237.795	3.057	0.08984	2.78421	4
J99VG4Z	16.4	0.15	K1014	36.562	55.442	36.401	2.317	0.21177	2.78920	4
J99VI2C	16.5	0.15	K1014	6.674	226.105	232.858	2.352	0.11760	2.83965	7
J99X10M	15.7	0.15	K1014	40.357	80.109	5.312	7.937	0.27422	2.78912	4
J99Y11Q	17.2	0.15	K1014	309.081	61.175	94.232	6.432	0.10264	2.22375	4
K00A08P	15.8	0.15	K1014	4.243	152.281	306.022	9.768	0.21261	2.91004	4
K00AM6B	16.9	0.15	K1014	75.272	99.419	296.365	4.796	0.07690	2.88613	5
K00CA0F	17.6	0.15	K1014	331.971	157.071	319.979	5.084	0.09916	2.27938	4
K00D42G	17.6	0.15	K1014	347.526	337.981	142.718	3.009	0.09442	2.26939	7
K00EA1Y	15.9	0.15	K1014	144.739	1.520	345.180	8.553	0.09501	3.01678	5
K00EA7B	17.2	0.15	K1014	296.649	43.454	177.510	25.271	0.58440	3.03283	3
K00EI4Z	16.4	0.15	K1014	298.927	80.641	112.251	8.383	0.22070	3.03037	4
K00F14A	18.2	0.15	K1014	211.572	84.830	180.981	2.492	0.20779	2.33843	4
K00G11K	16.4	0.15	K1014	306.609	205.331	11.275	9.440	0.11673	2.23458	5
K00G44U	17.3	0.15	K1014	227.405	93.438	161.349	2.680	0.19304	2.33022	5
K00G77O	16.9	0.15	K1014	237.314	178.890	33.922	8.441	0.12630	2.36784	4
K00GB2P	15.4	0.15	K1014	293.648	47.214	165.901	6.776	0.14923	3.02905	7
K00GF3H	17.3	0.15	K1014	252.414	255.192	339.368	5.449	0.20078	2.31385	5
K00H33M	16.6	0.15	K1014	262.266	135.143	76.056	6.937	0.07327	2.32042	4
K00H78S	16.4	0.15	K1014	177.541	167.675	109.990	15.494	0.23684	2.38557	6
K00J55B	16.9	0.15	K1014	215.725	190.363	72.897	7.747	0.21275	2.36398	7
K00O26O	16.5	0.15	K1014	227.084	197.557	110.862	6.725	0.23936	2.34100	5
K00Q26V	16.6	0.15	K1014	97.087	32.895	305.599	3.192	0.16590	2.56178	8
K00QL0J	16.8	0.15	K1014	91.955	12.681	323.714	2.471	0.22756	2.58722	5
K00QL6L	17.5	0.15	K1014	102.381	195.073	142.958	4.753	0.27016	2.56729	5
K00R36R	16.4	0.15	K1014	90.424	81.934	303.767	18.672	0.10546	1.97547	4
K00R56J	16.0	0.15	K1014	129.571	282.081	5.140	5.154	0.27104	2.57435	5
K00S99T	16.4	0.15	K1014	26.661	207.591	228.140	3.826	0.17930	2.60243	8
K00SA8Q	15.4	0.15	K1014	301.271	0.135	186.080	4.523	0.01004	2.52310	7
K00SD6W	16.2	0.15	K1014	86.591	73.066	334.771	14.822	0.09986	2.52365	6
K00SE8Y	16.5	0.15	K1014	92.050	166.733	204.857	4.295	0.22714	2.57572	5

K00SI2S	16.5	0.15	K1014	54.948	206.969	179.640	3.467	0.13947	2.61818	8 X
K00SM8X	15.8	0.15	K1014	123.450	357.278	9.907	4.202	0.08096	2.52605	8 X
K00SQ9K	16.3	0.15	K1014	69.136	229.536	134.782	5.298	0.27663	2.64198	5 X
K00ST1Q	16.5	0.15	K1014	20.760	212.065	222.025	4.131	0.29871	2.64172	3 X
K00T72G	16.6	0.15	K1014	56.198	319.365	100.381	5.438	0.18199	2.57670	5 X
K00U58D	16.8	0.15	K1014	39.136	85.878	339.820	5.536	0.28919	2.62591	4 X
K00U67V	16.6	0.15	K1014	45.883	137.993	263.025	5.180	0.18425	2.64672	4 X
K00U70G	16.1	0.15	K1014	63.395	353.476	3.078	5.615	0.18523	2.68549	5 X
K00U74E	16.4	0.15	K1014	59.353	327.874	101.327	4.788	0.23362	2.56594	5 X
K00V00O	17.2	0.15	K1014	95.735	156.340	216.994	4.048	0.20476	2.58640	5 X
K00W11E	16.7	0.15	K1014	55.505	185.603	216.966	3.222	0.22283	2.60762	6 X
K00W14W	15.8	0.15	K1014	66.418	122.141	268.807	8.054	0.20934	2.64743	4 X
K00W93K	16.9	0.15	K1014	61.313	130.161	257.421	5.422	0.30014	2.65628	3 X
K00WI0C	17.1	0.15	K1014	191.358	288.490	92.941	6.203	0.24420	2.39165	5 X
K00X11D	16.1	0.15	K1014	35.307	128.154	289.270	16.254	0.32187	2.64929	4 X
K00Y41L	15.2	0.15	K1014	98.232	240.048	124.565	7.163	0.04239	2.72303	6 X
K00Y41V	15.4	0.15	K1014	54.553	136.225	282.121	16.863	0.07785	2.69447	5 X
K00Y47P	15.2	0.15	K1014	314.899	217.221	277.926	13.299	0.04857	2.78403	6 X
K00Y91U	15.5	0.15	K1014	94.848	70.032	294.778	12.571	0.29736	2.66459	4 X
K00Y98Y	15.7	0.15	K1014	338.742	16.805	118.588	14.580	0.13608	2.73682	3 X
K00YE3W	16.1	0.15	K1014	302.850	303.017	249.296	4.166	0.04457	2.75587	7 X
K01A18U	15.7	0.15	K1014	358.322	197.567	281.617	9.006	0.13112	2.72592	5 X
K01A22H	15.4	0.15	K1014	341.086	7.744	129.834	14.165	0.11595	2.70939	5 X
K01A25B	14.7	0.15	K1014	265.667	110.181	130.111	25.693	0.22724	2.71523	6 X
K01B07G	16.2	0.15	K1014	33.748	91.919	321.572	8.123	0.21496	2.74931	4 X
K01B25Z	15.1	0.15	K1014	321.191	74.793	134.981	14.677	0.28645	2.68561	4 X
K01D62S	16.4	0.15	K1014	47.928	112.747	334.601	4.994	0.13357	2.69835	5 X
K01DA2U	15.5	0.15	K1014	343.944	18.287	111.166	10.439	0.05732	2.80002	5 X
K01FH3F	16.6	0.15	K1014	18.687	272.447	171.298	2.165	0.07100	2.87630	6 X
K01K65W	16.6	0.15	K1014	147.400	184.010	120.410	11.583	0.27011	2.26641	5 X
K01M03L	16.5	0.15	K1014	119.438	158.598	172.188	3.759	0.30476	2.35005	4 X
K01M14O	16.5	0.15	K1014	110.770	205.392	139.986	6.212	0.22813	2.34038	5 X
K01M15A	16.2	0.15	K1014	121.017	218.832	111.390	10.225	0.23859	2.33707	4 X
K01N05Y	15.0	0.15	K1014	158.235	355.124	341.330	10.268	0.10006	3.13245	7 X
K01O41J	17.0	0.15	K1014	127.479	264.881	33.873	6.855	0.14309	2.34817	4 X
K01O48T	14.8	0.15	K1014	157.108	201.590	150.033	27.422	0.16523	3.18121	3 X
K01O62K	16.6	0.15	K1014	111.593	67.501	279.537	3.279	0.18527	2.31527	7 X
K01O87N	14.8	0.15	K1014	167.093	354.198	347.073	19.178	0.13839	3.21269	5 X
K01P10F	17.5	0.15	K1014	78.671	62.817	280.204	1.099	0.22682	2.39686	4 X
K01P14Y	17.3	0.15	K1014	134.488	51.007	266.749	5.645	0.20396	2.33295	4 X
K01P21R	17.3	0.15	K1014	128.525	210.888	125.730	2.911	0.17101	2.31615	6 X
K01P55Q	17.0	0.15	K1014	69.020	241.013	137.992	2.862	0.16673	2.36315	5 X
K01P57T	16.8	0.15	K1014	111.266	205.974	144.337	7.649	0.23678	2.34405	4 X
K01Q48P	15.0	0.15	K1014	214.243	163.011	143.932	9.662	0.14038	3.07992	4 X
K01Q52G	16.9	0.15	K1014	93.754	200.156	163.772	2.841	0.19503	2.36194	4 X
K01Q54A	17.0	0.15	K1014	136.112	186.178	131.415	5.202	0.20712	2.32978	6 X
K01Q54N	16.3	0.15	K1014	109.849	358.537	348.920	4.650	0.20013	2.33975	5 X
K01Q62T	16.7	0.15	K1014	78.255	196.081	168.478	2.499	0.20564	2.39038	4 X
K01Q94D	15.2	0.15	K1014	189.311	343.419	327.270	15.093	0.07784	3.17733	6 X
K01QD2Q	17.7	0.15	K1014	152.744	30.942	274.644	3.927	0.24287	2.31706	4 X
K01QE3T	17.8	0.15	K1014	76.893	35.393	327.817	1.890	0.20593	2.39736	4 X
K01QE9H	17.1	0.15	K1014	76.889	260.250	105.713	6.350	0.23018	2.37386	4 X
K01QH8O	16.4	0.15	K1014	85.577	292.766	66.727	6.706	0.19301	2.37512	4 X
K01QK7Q	17.3	0.15	K1014	121.511	202.397	129.531	4.256	0.14715	2.34391	6 X
K01QQ7C	16.4	0.15	K1014	119.355	162.506	179.629	3.416	0.25412	2.33243	4 X
K01QS9T	16.9	0.15	K1014	97.039	38.524	323.224	2.386	0.04832	2.32560	6 X
K01QX0X	16.4	0.15	K1014	160.549	58.829	266.802	6.111	0.15981	2.32678	4 X
K01R14O	16.6	0.15	K1014	58.857	233.574	181.385	3.634	0.14930	2.35364	6 X
K01R17K	16.8	0.15	K1014	49.912	263.380	118.221	2.515	0.16839	2.44345	4 X
K01R57J	17.4	0.15	K1014	48.444	320.911	69.120	2.244	0.16159	2.41643	5 X
K01RA7V	17.1	0.15	K1014	40.382	31.906	16.222	1.400	0.17850	2.39840	4 X
K01RB5R	16.9	0.15	K1014	136.349	161.097	146.493	3.813	0.18155	2.35764	8 X
K01RC4T	17.3	0.15	K1014	44.027	258.804	139.317	3.247	0.23103	2.42518	3 X
K01S06M	17.3	0.15	K1014	289.985	238.844	349.660	8.354	0.15896	2.22022	4 X
K01S17V	16.8	0.15	K1014	72.818	229.861	142.462	3.402	0.18918	2.40421	4 X
K01S34R	16.9	0.15	K1014	81.043	340.930	22.804	4.455	0.19076	2.40958	4 X
K01S36S	15.4	0.15	K1014	195.543	345.628	19.486	5.473	0.16346	3.08305	5 X
K01S61F	17.3	0.15	K1014	102.358	148.521	189.090	3.231	0.24847	2.40136	7 X
K01S71W	16.9	0.15	K1014	79.533	223.791	156.193	2.131	0.24272	2.40788	4 X
K01S96K	15.2	0.15	K1014	338.755	192.138	355.091	16.851	0.17379	3.15837	3 X
K01SA3E	17.4	0.15	K1014	91.249	181.671	198.286	6.216	0.11883	2.35584	4 X
K01SB9X	16.4	0.15	K1014	76.168	57.401	318.793	5.999	0.11734	2.38432	3 X
K01SC3C	16.4	0.15	K1014	66.468	140.357	259.907	5.234	0.12737	2.35169	3 X
K01SE5A	16.3	0.15	K1014	103.137	352.253	331.649	4.764	0.11818	2.41614	5 X
K01SE6Y	18.3	0.15	K1014	97.287	151.738	198.855	2.112	0.18812	2.39053	3 X
K01SG2P	16.5	0.15	K1014	76.393	355.731	349.847	3.339	0.21650	2.44818	4 X
K01SG8V	17.7	0.15	K1014	119.690	329.481	29.373	5.807	0.30909	2.34440	2 X
K01SI5D	17.8	0.15	K1014	77.108	342.537	356.031	4.410	0.20734	2.42359	3 X
K01SJ6O	18.3	0.15	K1014	74.886	206.020	167.574	2.426	0.15366	2.39162	3 X
K01SJ7A	17.2	0.15	K1014	129.809	150.291	181.813	3.969	0.07044	2.35059	5 X
K01SK6J	16.5	0.15	K1014	336.022	168.508	0.163	6.835	0.06783	2.28703	7 X
K01SL7H	17.8	0.15	K1014	47.252	219.189	179.503	2.101	0.21311	2.42281	4 X
K01SP9X	17.0	0.15	K1014	17.045	266.385	185.126	2.747	0.19909	2.37823	7 X
K01SS8N	17.3	0.15	K1014	70.299	129.664	266.389	5.413	0.11383	2.38040	3 X
K01ST9U	17.6	0.15	K1014	220.314	284.452	343.704	5.832	0.20024	2.26983	4 X

K01SV4F	16.7	0.15	K1014	171.453	52.431	248.991	6.335	0.11535	2.31528	4	X
K01SV7B	17.0	0.15	K1014	89.980	102.381	263.425	7.962	0.26364	2.38010	3	X
K01SY7J	16.5	0.15	K1014	22.354	135.820	332.357	7.212	0.05800	2.34108	5	X
K01T11X	17.5	0.15	K1014	123.828	18.234	309.447	0.532	0.19815	2.38251	7	X
K01T38T	16.0	0.15	K1014	112.608	35.896	304.268	5.917	0.13956	2.43234	5	X
K01T47G	17.1	0.15	K1014	113.705	251.212	81.810	7.292	0.21055	2.39490	4	X
K01T68J	16.3	0.15	K1014	82.900	169.962	190.871	2.749	0.19093	2.43421	5	X
K01T88Z	16.6	0.15	K1014	29.352	348.490	9.343	12.351	0.05607	2.54460	4	X
K01T94Y	16.4	0.15	K1014	80.946	39.897	347.613	4.826	0.20194	2.38812	4	X
K01T97F	16.2	0.15	K1014	33.634	166.209	242.882	3.850	0.18274	2.46194	4	X
K01TC00	16.2	0.15	K1014	174.893	340.256	308.014	10.143	0.22460	2.35092	6	X
K01TE4C	17.4	0.15	K1014	75.126	299.019	100.059	5.425	0.14896	2.37224	5	X
K01TE6P	17.6	0.15	K1014	87.925	251.125	108.802	4.276	0.21098	2.40427	3	X
K01TF7J	17.0	0.15	K1014	349.894	84.000	77.924	3.226	0.15205	2.36093	5	X
K01TG0S	17.6	0.15	K1014	302.945	217.086	321.315	0.672	0.12709	2.40684	6	X
K01TGM1	17.0	0.15	K1014	37.197	192.209	231.429	1.982	0.18076	2.40835	5	X
K01TI7L	16.4	0.15	K1014	26.080	127.462	331.751	5.871	0.09815	2.40020	4	X
K01TM4A	16.4	0.15	K1014	179.530	254.047	3.814	6.018	0.09726	2.44907	5	X
K01TP2D	17.4	0.15	K1014	205.756	187.297	57.571	6.187	0.13272	2.38010	5	X
K01TP8D	17.0	0.15	K1014	59.506	27.605	52.376	6.868	0.10546	2.32391	6	X
K01U06K	16.8	0.15	K1014	73.070	265.175	105.691	3.528	0.21007	2.44932	3	X
K01U40T	16.5	0.15	K1014	45.279	47.764	38.358	6.935	0.18217	2.38098	5	X
K01U42W	16.5	0.15	K1014	35.815	9.959	83.120	2.362	0.14377	2.37721	4	X
K01U65K	16.5	0.15	K1014	61.077	133.539	259.273	1.744	0.21922	2.43633	5	X
K01U68P	15.9	0.15	K1014	49.361	157.293	260.100	5.872	0.14552	2.42147	5	X
K01U74U	16.7	0.15	K1014	81.109	236.599	129.428	2.145	0.20086	2.42888	4	X
K01U87O	17.8	0.15	K1014	205.984	48.632	232.073	5.522	0.15631	2.30724	5	X
K01U97W	17.1	0.15	K1014	75.069	160.409	192.200	1.991	0.22137	2.45137	4	X
K01U98B	17.3	0.15	K1014	109.632	209.375	138.406	1.785	0.20322	2.39070	4	X
K01UB4T	16.7	0.15	K1014	25.146	2.650	48.198	4.063	0.20684	2.48549	4	X
K01UE4A	17.4	0.15	K1014	27.839	44.744	64.269	3.195	0.18387	2.39040	5	X
K01UE4H	16.8	0.15	K1014	129.944	164.597	155.933	2.753	0.19146	2.40503	5	X
K01UF0D	16.5	0.15	K1014	119.052	167.243	174.483	2.185	0.22377	2.39841	5	X
K01UG1Q	16.3	0.15	K1014	75.441	123.698	237.884	5.037	0.17310	2.47723	4	X
K01UH7F	17.0	0.15	K1014	16.859	73.247	7.304	0.991	0.15928	2.44268	4	X
K01UI1A	18.2	0.15	K1014	56.756	225.209	164.685	2.081	0.18602	2.44600	4	X
K01UM8Q	18.0	0.15	K1014	67.212	242.267	140.592	5.274	0.15898	2.41866	4	X
K01UN0C	17.9	0.15	K1014	31.958	320.999	102.783	5.430	0.17702	2.44877	3	X
K01V20S	17.4	0.15	K1014	40.549	8.444	48.191	2.788	0.19489	2.45124	3	X
K01V25U	16.5	0.15	K1014	77.095	12.617	50.774	7.151	0.11336	2.37561	6	X
K01V53S	16.5	0.15	K1014	89.303	132.422	253.461	4.565	0.12587	2.38850	4	X
K01V61O	16.2	0.15	K1014	94.819	80.334	277.631	5.426	0.13247	2.43411	4	X
K01VA7M	17.1	0.15	K1014	19.990	190.165	251.517	5.171	0.08523	2.45312	5	X
K01VB3Y	16.9	0.15	K1014	50.134	142.902	264.539	4.771	0.18406	2.45885	3	X
K01VB6O	17.4	0.15	K1014	48.175	353.778	56.231	3.578	0.16985	2.46335	6	X
K01W30D	17.4	0.15	K1014	81.245	258.626	126.107	3.009	0.21707	2.40962	3	X
K01W66Q	18.2	0.15	K1014	48.360	202.570	184.240	0.871	0.29017	2.46217	3	X
K01X36N	16.0	0.15	K1014	30.193	334.958	29.681	10.388	0.27726	2.56060	3	X
K01X54P	17.1	0.15	K1014	33.999	24.845	71.543	2.513	0.14993	2.42471	4	X
K01X76V	17.0	0.15	K1014	357.657	254.101	214.505	3.888	0.13590	2.46721	4	X
K01X78G	17.0	0.15	K1014	95.309	291.808	100.120	4.828	0.14883	2.39122	6	X
K01XA4A	17.6	0.15	K1014	2.960	6.467	76.480	23.900	0.08048	1.92196	3	X
K01XA7N	16.7	0.15	K1014	16.686	59.138	73.963	7.034	0.07398	2.38974	5	X
K01XC3Q	17.5	0.15	K1014	10.786	49.276	72.670	3.006	0.16893	2.41994	3	X
K01XD3Y	17.2	0.15	K1014	10.486	42.641	83.203	1.922	0.16686	2.42691	5	X
K01XL0W	16.4	0.15	K1014	36.305	249.924	172.333	4.945	0.23942	2.48149	3	X
K01XL6K	16.8	0.15	K1014	108.454	288.621	76.863	3.429	0.19250	2.41764	6	X
K01XL7T	17.1	0.15	K1014	47.657	130.072	283.704	17.209	0.11671	1.92506	4	X
K01XM8A	17.0	0.15	K1014	72.494	37.951	5.510	3.322	0.17157	2.42248	6	X
K01XN6V	17.1	0.15	K1014	352.268	122.837	17.983	1.393	0.13160	2.44202	6	X
K01XO3H	16.0	0.15	K1014	101.329	231.788	108.521	16.369	0.12745	2.56206	5	X
K01Y04G	18.3	0.15	K1014	337.830	190.237	283.007	14.614	0.18876	2.57481	3	X
K01Y79W	14.3	0.15	K1014	37.960	128.810	294.102	7.312	0.17763	3.96695	5	X
K01YC3U	16.7	0.15	K1014	16.435	359.671	54.585	8.183	0.24149	2.53264	3	X
K01YC5K	16.3	0.15	K1014	344.822	142.928	321.431	4.989	0.19797	2.53398	3	X
K01YC9M	17.1	0.15	K1014	79.069	29.676	33.285	6.232	0.09841	2.38703	3	X
K01YF7N	17.8	0.15	K1014	51.137	337.274	99.280	3.530	0.16649	2.46321	3	X
K02A33C	18.7	0.15	K1014	350.013	33.580	119.335	7.412	0.17214	2.47070	3	X
K02A46E	16.8	0.15	K1014	41.208	123.387	279.817	9.464	0.22981	2.53007	4	X
K02A47B	17.0	0.15	K1014	358.223	192.806	275.605	2.865	0.12187	2.52992	4	X
K02A78Z	17.2	0.15	K1014	30.510	33.224	79.812	4.002	0.13902	2.43606	5	X
K02AB3A	16.9	0.15	K1014	10.302	33.462	104.182	6.432	0.15007	2.47019	4	X
K02AB3N	16.8	0.15	K1014	59.145	265.128	112.094	12.757	0.26406	2.53182	3	X
K02AC3Y	16.6	0.15	K1014	334.892	20.437	116.288	7.406	0.11113	2.56614	3	X
K02AD1J	17.1	0.15	K1014	27.726	318.530	132.098	25.440	0.06091	1.92428	4	X
K02AD1K	16.9	0.15	K1014	35.317	308.493	130.780	23.473	0.09356	1.91683	5	X
K02AD1O	17.0	0.15	K1014	18.169	342.765	109.797	24.014	0.07818	1.92975	2	X
K02AD1X	16.3	0.15	K1014	334.485	197.671	284.685	11.717	0.14618	2.53687	4	X
K02AF6Z	16.0	0.15	K1014	275.962	63.966	150.876	9.018	0.07516	2.52878	4	X
K02AI4O	16.1	0.15	K1014	44.019	33.884	55.797	5.795	0.17427	2.45999	4	X
K02B01F	16.6	0.15	K1014	10.233	120.514	335.912	4.210	0.23890	2.53514	4	X
K02C03F	16.2	0.15	K1014	70.394	316.464	115.165	11.937	0.09804	2.47253	6	X
K02C05J	16.7	0.15	K1014	39.202	320.911	104.047	2.823	0.27592	2.51968	3	X
K02C39U	15.9	0.15	K1014	264.449	262.463	240.590	8.328	0.21247	2.74184	5	X
K02C70J	16.2	0.15	K1014	225.314	140.585	118.208	7.020	0.12663	2.56069	4	X

K02C70R	16.9	0.15	K1014	221.212	135.811	116.053	3.448	0.01835	2.56081	5 X
K02C77Q	16.1	0.15	K1014	238.786	105.636	139.770	6.604	0.10548	2.57621	4 X
K02C79C	16.0	0.15	K1014	10.011	348.112	130.610	9.190	0.06800	2.52946	4 X
K02C86H	16.2	0.15	K1014	56.557	259.386	126.720	14.965	0.22819	2.56870	5 X
K02C97J	16.2	0.15	K1014	15.888	322.240	141.544	13.956	0.12248	2.55394	3 X
K02CA9C	17.1	0.15	K1014	354.060	1.592	114.429	3.927	0.122012	2.58130	6 X
K02CB9T	15.6	0.15	K1014	273.051	77.913	132.217	15.605	0.07832	2.53294	6 X
K02CC4E	16.6	0.15	K1014	299.306	355.606	198.064	3.894	0.09753	2.54233	5 X
K02CE2M	14.7	0.15	K1014	21.153	304.795	146.285	9.471	0.20316	3.96314	4 X
K02CG4B	16.1	0.15	K1014	8.710	184.403	257.610	6.249	0.28589	2.56434	3 X
K02CH8J	16.3	0.15	K1014	225.971	177.081	98.716	4.166	0.06934	2.48509	6 X
K02CI2U	16.7	0.15	K1014	272.550	79.500	119.970	8.780	0.04982	2.56627	3 X
K02CI8D	16.4	0.15	K1014	266.796	118.825	131.453	6.633	0.08737	2.48506	7 X
K02CJ6H	17.3	0.15	K1014	51.106	281.202	132.008	8.546	0.13178	2.55457	4 X
K02CL5O	16.2	0.15	K1014	38.611	257.624	149.718	5.740	0.31160	2.58016	4 X
K02CN8R	16.7	0.15	K1014	306.026	261.900	294.240	3.623	0.14319	2.55984	5 X
K02CP2Y	17.1	0.15	K1014	332.359	261.520	253.120	4.329	0.19929	2.54262	3 X
K02CP4V	16.1	0.15	K1014	272.180	287.655	279.484	10.953	0.10596	2.57862	4 X
K02CQ9Z	16.8	0.15	K1014	293.372	31.687	135.127	4.254	0.04153	2.61447	5 X
K02CS6E	17.2	0.15	K1014	175.701	166.668	146.394	3.071	0.07347	2.52365	5 X
K02CU1Q	16.1	0.15	K1014	220.070	120.385	158.660	7.772	0.11677	2.56430	4 X
K02CU8C	15.1	0.15	K1014	36.726	335.862	105.504	4.094	0.22253	3.98733	4 X
K02CV4H	16.9	0.15	K1014	220.885	92.769	152.539	4.603	0.18299	2.64554	7 X
K02CV4W	17.2	0.15	K1014	4.906	191.023	274.442	6.118	0.20512	2.55449	4 X
K02D01U	16.8	0.15	K1014	195.997	155.157	118.242	25.075	0.09090	1.95607	5 X
K02D14G	16.7	0.15	K1014	24.202	36.449	23.605	2.552	0.05887	2.64517	6 X
K02D15A	12.7	0.15	K1014	258.622	332.412	156.103	19.047	0.07851	5.15311	6 X
K02D17C	15.8	0.15	K1014	274.884	117.978	96.339	12.936	0.11241	2.58329	4 X
K02E05G	16.9	0.15	K1014	287.527	218.997	8.245	2.506	0.08067	2.53615	5 X
K02E23V	16.8	0.15	K1014	133.217	174.498	172.776	6.950	0.07805	2.60596	7 X
K02E37P	17.8	0.15	K1014	323.680	39.750	117.702	3.432	0.12700	2.59629	4 X
K02E38Q	17.1	0.15	K1014	55.263	74.970	353.346	2.758	0.08573	2.53485	6 X
K02E45R	16.6	0.15	K1014	255.351	125.164	81.291	6.141	0.08263	2.65808	5 X
K02E48S	16.8	0.15	K1014	34.528	270.605	351.494	8.291	0.12878	2.26120	4 X
K02E64V	17.1	0.15	K1014	356.367	299.493	192.065	4.093	0.19846	2.55614	7 X
K02E84P	16.1	0.15	K1014	204.224	256.447	35.918	2.843	0.07377	2.58716	6 X
K02E96G	17.5	0.15	K1014	344.862	359.882	146.397	2.570	0.13884	2.55960	4 X
K02E96U	17.4	0.15	K1014	56.673	233.015	1.699	4.374	0.10856	2.26756	4 X
K02EA1X	15.3	0.15	K1014	48.651	281.471	132.046	15.768	0.12698	2.60605	6 X
K02EB5G	16.3	0.15	K1014	280.723	133.509	117.012	5.550	0.23097	2.56731	5 X
K02EC7G	17.2	0.15	K1014	5.417	313.129	150.764	5.048	0.22887	2.55207	4 X
K02EE3E	16.6	0.15	K1014	275.114	190.727	23.585	3.328	0.11303	2.60855	4 X
K02EG0Z	15.9	0.15	K1014	307.508	74.525	129.327	12.808	0.08621	2.57638	3 X
K02F15C	15.4	0.15	K1014	285.752	353.413	122.454	13.022	0.12836	2.77221	5 X
K02F15W	15.8	0.15	K1014	231.561	134.841	80.063	7.808	0.03217	2.72122	4 X
K02F25Z	16.9	0.15	K1014	302.686	82.044	92.729	13.959	0.21362	2.62373	4 X
K02F30A	16.5	0.15	K1014	271.385	24.820	202.137	3.697	0.14131	2.60480	4 X
K02G51Z	16.3	0.15	K1014	240.252	230.602	57.702	4.602	0.11502	2.56863	8 X
K02G58B	17.6	0.15	K1014	272.018	195.116	12.984	4.736	0.03724	2.65904	5 X
K02G83H	15.9	0.15	K1014	268.160	103.663	115.593	5.682	0.11150	2.66710	6 X
K02GA3P	15.5	0.15	K1014	195.842	143.532	150.321	10.330	0.22576	2.73793	6 X
K02GA4E	16.3	0.15	K1014	338.478	2.029	149.181	8.171	0.16516	2.62573	5 X
K02GB9Y	16.4	0.15	K1014	275.419	74.777	147.999	11.613	0.11911	2.63063	5 X
K02GC1H	15.9	0.15	K1014	134.339	241.101	72.206	5.205	0.06937	2.78477	6 X
K02GH9P	16.1	0.15	K1014	206.427	152.608	99.727	13.520	0.12732	2.76590	4 X
K02H11K	16.5	0.15	K1014	294.229	61.919	150.275	12.001	0.19915	2.60086	6 X
K02J05P	15.8	0.15	K1014	189.498	160.252	137.712	13.689	0.16655	2.71367	5 X
K02J21R	16.4	0.15	K1014	279.164	166.180	103.485	6.786	0.27074	2.58618	4 X
K02L32E	14.1	0.15	K1014	134.702	40.737	276.542	21.886	0.21961	3.04343	4 X
K02L53M	15.7	0.15	K1014	216.903	125.963	149.001	8.564	0.30214	2.77594	5 X
K02M05Q	16.7	0.15	K1014	129.807	296.105	2.104	5.838	0.17088	2.15596	6 X
K02N08U	15.5	0.15	K1014	88.691	211.995	123.473	17.373	0.17618	3.16657	5 X
K02N10G	16.4	0.15	K1014	279.194	324.511	262.783	4.739	0.33505	2.70464	4 X
K02N19O	15.5	0.15	K1014	244.758	127.986	131.906	16.194	0.24993	2.79288	7 X
K02N37V	15.5	0.15	K1014	151.442	9.491	282.289	10.056	0.17164	3.07867	4 X
K02N54W	16.1	0.15	K1014	126.821	229.058	93.216	5.404	0.22209	3.06706	3 X
K02N60D	16.6	0.15	K1014	119.930	48.657	297.686	3.159	0.16975	3.03674	4 X
K02N71P	16.1	0.15	K1014	82.056	215.986	143.557	9.691	0.23144	3.15422	7 X
K02P39C	15.8	0.15	K1014	135.892	26.780	293.618	8.723	0.10771	3.07047	5 X
K02P53D	15.8	0.15	K1014	134.503	358.434	329.559	0.707	0.10543	3.05608	7 X
K02P62O	16.0	0.15	K1014	101.293	195.204	158.349	0.744	0.20316	3.11381	6 X
K02P72O	15.2	0.15	K1014	148.276	67.728	246.382	9.247	0.13489	3.02897	4 X
K02PC0O	15.2	0.15	K1014	145.686	1.509	309.351	9.507	0.15140	3.08777	4 X
K02PC3B	15.8	0.15	K1014	139.367	70.406	275.759	9.431	0.08681	2.96602	6 X
K02PC4W	16.3	0.15	K1014	126.850	191.919	150.507	10.846	0.15414	3.06293	5 X
K02PD5T	15.5	0.15	K1014	123.258	11.878	329.813	8.788	0.14875	3.07260	4 X
K02PE5A	15.4	0.15	K1014	77.199	251.663	127.805	10.196	0.08983	3.07147	3 X
K02PE7V	15.5	0.15	K1014	160.056	356.011	335.730	5.979	0.13395	2.94901	6 X
K02PG4R	18.2	0.15	K1014	88.368	278.098	84.950	0.697	0.15203	2.15134	4 X
K02PG6Q	15.5	0.15	K1014	350.879	348.040	117.746	10.150	0.01404	3.03865	5 X
K02PG7K	16.0	0.15	K1014	83.936	247.830	136.927	12.471	0.08574	3.08356	6 X
K02PG8J	15.5	0.15	K1014	82.280	252.815	121.911	10.739	0.06677	3.10910	6 X
K02PH4O	15.6	0.15	K1014	178.924	156.219	119.432	12.777	0.07562	3.05459	5 X
K02PJ0D	16.1	0.15	K1014	149.371	52.180	284.092	10.609	0.08995	3.00550	4 X
K02Q02B	16.0	0.15	K1014	104.130	72.797	272.559	4.099	0.16859	3.14740	6 X

K02Q84K	15.8	0.15	K1014	102.068	209.604	167.249	10.400	0.08139	3.03430	6 X
K02Q86N	15.5	0.15	K1014	252.905	264.262	315.768	9.147	0.05492	3.00576	6 X
K02Q94B	15.5	0.15	K1014	75.232	300.257	131.123	11.856	0.13143	2.97070	5 X
K02QA8W	16.5	0.15	K1014	58.627	245.437	144.482	1.886	0.16791	3.17405	3 X
K02QB5R	15.6	0.15	K1014	126.004	206.890	115.154	11.509	0.08102	3.12516	5 X
K02QD1X	18.4	0.15	K1014	41.378	293.121	110.256	2.849	0.24160	2.20629	3 X
K02QD6T	15.3	0.15	K1014	63.193	96.033	289.064	6.591	0.04523	3.18823	4 X
K02QD8C	16.3	0.15	K1014	87.994	231.661	138.912	1.723	0.18448	3.11577	4 X
K02R10Z	17.4	0.15	K1014	73.756	44.845	333.978	6.065	0.19113	2.17951	5 X
K02R11H	16.2	0.15	K1014	174.481	129.879	162.467	5.551	0.20580	3.02174	6 X
K02R16K	15.4	0.15	K1014	104.678	176.218	181.648	5.479	0.13126	3.14435	6 X
K02R36G	15.4	0.15	K1014	128.477	15.531	312.802	8.832	0.09816	3.13121	5 X
K02R69R	17.8	0.15	K1014	90.037	325.032	19.414	1.928	0.167025	2.19894	4 X
K02R78Q	18.0	0.15	K1014	103.436	113.081	228.428	1.369	0.19864	2.18004	4 X
K02R87B	17.4	0.15	K1014	106.512	177.825	178.542	4.495	0.19079	2.16871	5 X
K02RB8S	15.4	0.15	K1014	135.075	286.083	96.671	6.399	0.05980	2.92745	6 X
K02RC0G	15.6	0.15	K1014	210.078	185.154	128.812	12.014	0.07012	2.85119	4 X
K02RC6J	17.6	0.15	K1014	100.215	289.358	26.291	5.774	0.22966	2.20428	4 X
K02RE1U	17.9	0.15	K1014	89.301	82.090	286.467	4.126	0.16174	2.17545	4 X
K02RG1B	15.8	0.15	K1014	87.269	198.424	175.973	6.028	0.12380	3.16378	5 X
K02RG2E	16.7	0.15	K1014	172.376	9.968	291.649	0.980	0.21190	3.02523	4 X
K02RI5B	15.0	0.15	K1014	113.729	98.409	254.780	7.544	0.16333	3.14463	3 X
K02RK1G	15.3	0.15	K1014	132.514	190.959	144.420	12.083	0.10628	3.11852	7 X
K02RL8W	15.6	0.15	K1014	54.372	269.442	138.260	12.361	0.15376	3.15214	4 X
K02RO0F	17.8	0.15	K1014	26.118	69.565	311.235	3.809	0.15625	2.26527	3 X
K02RO1G	15.5	0.15	K1014	21.160	145.075	325.798	9.625	0.05694	3.01702	6 X
K02RR1D	16.1	0.15	K1014	60.238	224.236	179.111	4.277	0.11872	3.14020	4 X
K02S22Q	17.1	0.15	K1014	354.862	353.002	29.813	3.277	0.19571	2.35349	4 X
K02S52O	17.5	0.15	K1014	85.042	250.162	112.360	6.848	0.20156	2.19727	6 X
K02T17D	16.9	0.15	K1014	23.918	1.623	2.045	8.459	0.13690	2.31669	2 X
K02T26U	17.7	0.15	K1014	130.922	131.545	196.780	2.636	0.20925	2.16997	5 X
K02T61D	15.2	0.15	K1014	162.315	35.677	274.284	8.323	0.12969	3.11755	5 X
K02T73S	17.0	0.15	K1014	65.871	62.735	339.027	6.481	0.19858	2.20088	4 X
K02T86M	16.1	0.15	K1014	120.500	188.071	155.522	1.083	0.18983	3.14097	7 X
K02T86T	14.8	0.15	K1014	325.724	183.536	11.859	10.154	0.04253	2.99507	6 X
K02TA1V	15.8	0.15	K1014	101.985	147.490	224.197	4.517	0.16761	3.16998	5 X
K02TB2Z	15.3	0.15	K1014	148.398	63.044	277.341	8.557	0.08136	3.07999	4 X
K02TF6E	15.3	0.15	K1014	87.632	87.139	285.314	8.181	0.08106	3.17509	4 X
K02TG5X	14.8	0.15	K1014	149.726	40.755	258.551	15.551	0.10704	3.16577	4 X
K02TL9R	17.2	0.15	K1014	112.915	60.153	272.374	3.912	0.22012	2.19231	4 X
K02TM2S	17.6	0.15	K1014	74.135	181.125	189.760	4.293	0.19425	2.22331	4 X
K02TO2Q	16.8	0.15	K1014	26.049	191.059	232.803	3.727	0.14500	2.24024	6 X
K02TT0E	17.9	0.15	K1014	87.339	83.106	261.469	6.516	0.19740	2.23272	3 X
K02TU5U	16.4	0.15	K1014	105.704	213.969	160.488	9.661	0.07463	3.16657	5 X
K02TV7A	16.3	0.15	K1014	111.131	86.918	259.032	8.184	0.08682	3.13039	4 X
K02TY8G	15.4	0.15	K1014	258.410	101.045	123.724	10.501	0.15282	3.18700	4 X
K02TY9A	16.2	0.15	K1014	62.989	312.189	129.497	12.117	0.04172	3.14653	4 X
K02Tc5L	17.9	0.15	K1014	128.019	245.541	77.501	7.584	0.21658	2.19323	3 X
K02U25F	17.0	0.15	K1014	36.320	353.714	351.459	6.481	0.14280	2.34352	2 X
K02U58L	16.6	0.15	K1014	194.761	139.770	143.442	9.418	0.05828	3.19627	5 X
K02U72W	17.2	0.15	K1014	118.562	108.100	219.890	4.675	0.12526	2.20535	4 X
K02V17P	17.0	0.15	K1014	66.040	226.344	164.354	6.286	0.26466	2.23690	4 X
K02V25R	17.2	0.15	K1014	122.076	108.811	236.092	3.995	0.15553	2.19221	3 X
K02V37W	16.9	0.15	K1014	40.660	336.858	84.204	6.664	0.14102	2.22072	5 X
K02V60Q	17.6	0.15	K1014	100.811	191.804	154.048	4.439	0.19105	2.22527	5 X
K02V61D	17.8	0.15	K1014	107.845	2.173	1.615	2.112	0.21340	2.17728	4 X
K02V71K	17.8	0.15	K1014	28.879	289.729	77.615	5.303	0.27542	2.32240	3 X
K02VC6E	16.6	0.15	K1014	60.434	100.206	281.690	6.030	0.11592	2.26764	4 X
K02VC9B	17.2	0.15	K1014	111.267	82.434	240.121	5.004	0.24930	2.23869	5 X
K02VE3H	15.5	0.15	K1014	79.409	330.091	96.076	6.322	0.13665	3.18874	6 X
K02W19N	17.7	0.15	K1014	96.324	268.060	79.031	3.331	0.19113	2.24388	4 X
K02W19W	18.3	0.15	K1014	36.403	267.117	154.096	2.481	0.12627	2.25172	6 X
K02X32A	17.4	0.15	K1014	19.162	163.421	273.566	10.126	0.20664	2.27703	2 X
K02X35O	15.4	0.15	K1014	326.975	43.851	104.371	24.745	0.22692	2.33647	4 X
K02X44R	15.3	0.15	K1014	77.728	340.456	84.104	6.611	0.14455	3.20140	4 X
K02X47B	16.2	0.15	K1014	95.171	270.486	114.990	5.888	0.21592	2.22659	4 X
K02X57G	16.8	0.15	K1014	254.043	303.507	186.435	5.360	0.15110	2.46069	2 X
K02X64W	16.6	0.15	K1014	43.531	288.871	85.512	23.314	0.31246	2.33275	3 X
K02X87G	17.1	0.15	K1014	77.658	39.517	358.591	4.295	0.15933	2.23879	5 X
K02X98K	15.3	0.15	K1014	90.835	0.118	65.392	4.026	0.03610	3.16704	7 X
K02XA3W	16.6	0.15	K1014	5.488	216.809	258.415	6.127	0.16190	2.26401	4 X
K02Y02N	18.4	0.15	K1014	80.929	38.440	290.732	50.282	0.58690	1.24269	5 X
K02Y05X	17.3	0.15	K1014	42.907	68.731	0.651	2.313	0.18577	2.28333	8 X
K02Y08K	16.7	0.15	K1014	41.692	327.810	92.441	9.593	0.14502	2.26694	3 X
K02Y23C	16.9	0.15	K1014	296.533	184.496	286.140	4.197	0.15497	2.43293	4 X
K02Y28X	17.0	0.15	K1014	2.084	14.463	111.727	5.695	0.09068	2.27250	5 X
K03A02C	16.7	0.15	K1014	52.828	266.847	134.852	10.276	0.13220	2.32921	6 X
K03A25O	16.6	0.15	K1014	0.682	203.266	276.243	6.843	0.08306	2.26879	6 X
K03A40N	17.0	0.15	K1014	9.757	185.980	268.764	7.076	0.24670	2.31209	4 X
K03A82Y	17.2	0.15	K1014	44.076	265.867	133.164	4.148	0.22123	2.32006	5 X
K03B02D	16.6	0.15	K1014	75.262	124.953	268.385	3.498	0.18010	2.27992	5 X
K03B32B	17.0	0.15	K1014	57.069	98.044	301.663	6.062	0.25811	2.29555	3 X
K03B42C	17.0	0.15	K1014	43.205	217.189	201.296	3.657	0.22666	2.30016	7 X
K03B51S	17.4	0.15	K1014	334.034	172.666	4.709	1.112	0.15884	2.28270	6 X
K03B58M	17.0	0.15	K1014	310.012	62.798	119.958	4.033	0.15595	2.32091	5 X

K03B82R	16.9	0.15	K1014	26.346	56.117	53.454	5.047	0.17751	2.26124	4 X
K03C03A	16.7	0.15	K1014	358.853	124.564	28.032	7.012	0.10904	2.28636	4 X
K03C06B	16.9	0.15	K1014	324.595	91.841	83.798	4.115	0.11402	2.29494	6 X
K03C16U	17.7	0.15	K1014	32.174	290.359	145.137	6.008	0.12744	2.32499	7 X
K03D09R	16.4	0.15	K1014	265.609	53.249	159.427	6.620	0.08900	2.41452	5 X
K03E03B	17.1	0.15	K1014	0.112	23.487	115.156	4.848	0.08483	2.29214	4 X
K03E12H	16.9	0.15	K1014	305.406	9.344	189.884	5.394	0.19836	2.35433	4 X
K03E19A	17.8	0.15	K1014	272.888	55.286	153.739	1.707	0.13242	2.38414	6 X
K03E27N	17.5	0.15	K1014	321.835	190.823	358.008	3.189	0.10256	2.30872	5 X
K03E35J	15.7	0.15	K1014	157.449	224.233	340.475	7.994	0.16409	2.75582	3 X
K03F15D	17.2	0.15	K1014	338.686	170.803	355.077	5.075	0.12684	2.33401	5 X
K03F20W	16.7	0.15	K1014	280.129	73.005	136.834	3.679	0.12509	2.42654	6 X
K03F27L	17.1	0.15	K1014	327.139	294.832	203.389	3.127	0.12257	2.41386	5 X
K03F64Q	17.3	0.15	K1014	13.675	12.115	109.614	3.210	0.15803	2.33579	5 X
K03F65H	16.7	0.15	K1014	17.105	68.983	53.792	3.962	0.17118	2.32440	5 X
K03F69X	16.9	0.15	K1014	348.925	349.053	150.529	7.352	0.21162	2.34971	5 X
K03F76S	16.8	0.15	K1014	256.702	153.555	61.700	6.920	0.06354	2.42641	5 X
K03F92Q	17.5	0.15	K1014	327.941	81.199	103.392	3.087	0.15454	2.34095	5 X
K03F94F	17.3	0.15	K1014	319.683	59.534	138.019	5.374	0.16982	2.34778	4 X
K03FA0N	16.6	0.15	K1014	284.380	59.100	144.275	6.980	0.08969	2.39833	7 X
K03FA0V	17.4	0.15	K1014	325.402	134.316	24.445	3.435	0.13547	2.38046	5 X
K03FD0H	17.6	0.15	K1014	245.653	94.694	151.612	2.627	0.13076	2.41638	7 X
K03G13N	16.8	0.15	K1014	288.477	336.938	230.081	5.540	0.09669	2.37891	4 X
K03G27H	16.5	0.15	K1014	336.259	309.134	203.491	3.627	0.15636	2.37965	6 X
K03G38R	17.0	0.15	K1014	136.158	171.673	138.035	5.685	0.15204	2.57009	5 X
K03G40E	16.8	0.15	K1014	274.124	115.314	136.200	5.205	0.17375	2.33469	5 X
K03G40M	17.7	0.15	K1014	335.366	53.915	110.069	3.356	0.17416	2.36147	5 X
K03H03H	17.2	0.15	K1014	332.357	327.729	190.185	1.908	0.18415	2.38176	4 X
K03H37R	17.1	0.15	K1014	260.807	345.962	261.412	3.917	0.17274	2.41709	4 X
K03J07P	16.7	0.15	K1014	251.633	87.255	160.205	6.379	0.07856	2.42472	5 X
K03J07U	16.5	0.15	K1014	272.331	159.738	96.030	6.995	0.09908	2.36355	4 X
K03K17V	15.9	0.15	K1014	190.467	214.059	105.288	6.804	0.14349	2.48518	6 X
K03M02D	15.8	0.15	K1014	212.977	202.484	114.327	8.598	0.20961	2.53095	6 X
K03M05H	14.6	0.15	K1014	83.208	63.214	272.364	14.675	0.23008	2.92774	4 X
K03M09E	15.5	0.15	K1014	188.239	12.392	285.256	14.102	0.16277	2.64702	7 X
K03N04W	16.3	0.15	K1014	234.304	238.804	63.562	5.629	0.19358	2.46916	9 X
K03N10K	16.1	0.15	K1014	137.841	166.786	178.655	6.789	0.03863	2.67677	4 X
K03N11U	16.0	0.15	K1014	229.757	137.857	142.484	12.114	0.03327	2.57041	5 X
K03O10O	15.8	0.15	K1014	228.454	305.099	317.020	10.040	0.19262	2.57904	4 X
K03Q02R	15.9	0.15	K1014	56.058	106.243	282.542	5.183	0.07319	2.89711	6 X
K03Q05H	20.1	0.15	K1014	224.904	321.110	299.301	17.613	0.22048	1.26022	2 X
K03Q07G	16.6	0.15	K1014	133.630	183.005	158.301	9.392	0.24018	2.76241	5 X
K03Q16V	16.1	0.15	K1014	103.833	207.205	159.466	6.453	0.10826	2.80734	4 X
K03Q58D	15.6	0.15	K1014	187.314	152.696	145.935	14.040	0.19199	2.68975	4 X
K03Q73T	16.0	0.15	K1014	134.997	174.816	179.323	6.242	0.03672	2.69880	4 X
K03Q89E	15.4	0.15	K1014	132.190	261.572	94.756	4.522	0.10675	2.73656	6 X
K03QA3U	15.2	0.15	K1014	180.581	198.115	116.742	5.159	0.09980	2.71757	8 X
K03QB4W	16.6	0.15	K1014	118.819	358.261	321.042	4.312	0.06671	2.94972	4 X
K03QC0A	16.0	0.15	K1014	140.833	33.424	298.696	7.755	0.10905	2.80570	5 X
K03R14H	15.5	0.15	K1014	113.580	294.708	343.092	11.777	0.18390	3.06650	5 X
K03R15S	15.6	0.15	K1014	158.318	14.305	291.163	8.314	0.15499	2.75021	5 X
K03R19F	15.9	0.15	K1014	94.367	162.425	222.349	3.182	0.10795	2.81496	4 X
K03S05P	16.8	0.15	K1014	170.981	294.361	359.672	4.197	0.06339	2.81740	5 X
K03S18P	16.9	0.15	K1014	345.374	303.237	191.861	3.617	0.01523	2.78635	6 X
K03S23O	15.7	0.15	K1014	229.835	336.821	301.971	13.993	0.19536	2.58298	3 X
K03S25T	15.6	0.15	K1014	128.702	347.729	10.572	3.161	0.12072	2.79820	6 X
K03S95C	16.5	0.15	K1014	246.124	1.861	222.461	6.157	0.14953	2.79485	6 X
K03SB8T	16.7	0.15	K1014	124.880	331.228	13.304	5.481	0.07478	2.87211	5 X
K03SB9A	16.7	0.15	K1014	35.338	31.261	36.687	1.914	0.01134	2.91844	5 X
K03SD5R	16.0	0.15	K1014	73.268	235.984	160.251	5.384	0.10562	2.88629	5 X
K03SE8L	15.1	0.15	K1014	123.625	235.377	131.527	14.158	0.20750	2.78418	6 X
K03SH6L	16.4	0.15	K1014	48.807	21.552	10.063	4.014	0.24670	3.02876	3 X
K03SI7D	16.2	0.15	K1014	202.118	115.020	175.102	8.753	0.15842	2.72128	5 X
K03SJ1X	15.0	0.15	K1014	92.669	74.537	267.848	7.885	0.15399	3.05465	4 X
K03SK3N	16.2	0.15	K1014	23.664	44.841	15.698	3.215	0.30587	3.06749	2 X
K03SL1Y	16.5	0.15	K1014	150.295	194.933	114.145	9.652	0.21294	2.80391	7 X
K03SL8X	16.2	0.15	K1014	184.773	107.390	198.884	3.965	0.05162	2.78881	6 X
K03SP3H	15.8	0.15	K1014	154.208	126.081	200.893	4.353	0.07090	2.77777	6 X
K03SQ0M	16.3	0.15	K1014	265.671	330.534	224.976	4.571	0.05324	2.86220	5 X
K03SR9U	16.0	0.15	K1014	194.736	76.678	213.617	3.797	0.10355	2.77331	7 X
K03SS1H	15.5	0.15	K1014	218.154	110.094	141.744	6.577	0.04805	2.88597	4 X
K03SS6V	17.1	0.15	K1014	105.936	78.210	273.822	1.349	0.17182	2.90295	5 X
K03ST2P	15.5	0.15	K1014	98.428	33.919	321.947	8.951	0.09510	2.95349	4 X
K03SU5K	15.1	0.15	K1014	80.065	130.390	250.615	9.579	0.06881	2.97621	3 X
K03SW9M	16.0	0.15	K1014	174.145	67.937	226.149	6.811	0.06256	2.93854	5 X
K03SX1N	16.3	0.15	K1014	69.811	259.361	98.103	10.585	0.21711	3.10453	6 X
K03SX8O	16.8	0.15	K1014	85.860	228.888	143.144	2.901	0.08928	2.93161	5 X
K03T08H	15.9	0.15	K1014	111.029	265.494	26.804	16.190	0.36019	3.00968	2 X
K03T13O	15.9	0.15	K1014	99.765	204.795	161.537	5.198	0.13626	2.93046	5 X
K03T21D	15.7	0.15	K1014	58.255	254.090	132.404	5.417	0.19928	3.04071	6 X
K03T29A	16.5	0.15	K1014	26.031	103.172	331.473	1.664	0.06098	2.98302	5 X
K03U09P	15.5	0.15	K1014	236.362	284.388	13.298	11.305	0.19423	2.65814	5 X
K03U35G	15.8	0.15	K1014	195.158	199.838	127.826	6.384	0.13060	2.63820	7 X
K03U69F	17.0	0.15	K1014	90.688	210.442	158.026	2.317	0.08298	2.92372	4 X
K03U77O	15.1	0.15	K1014	59.205	141.965	255.991	9.406	0.10941	3.02496	6 X

K03U82O	15.5	0.15	K1014	129.728	278.082	101.777	7.346	0.15598	2.79910	4 X
K03U92L	15.3	0.15	K1014	80.869	127.702	248.302	8.738	0.11295	3.00695	4 X
K03U96J	15.9	0.15	K1014	118.175	164.725	178.543	5.365	0.14811	2.93032	6 X
K03UA0J	15.2	0.15	K1014	112.247	239.183	94.075	8.858	0.19632	3.04013	4 X
K03UA5F	15.6	0.15	K1014	163.264	3.072	341.330	13.191	0.00997	2.79651	5 X
K03UD4B	16.1	0.15	K1014	81.458	85.968	269.559	8.808	0.27159	3.03124	3 X
K03UE7U	15.9	0.15	K1014	46.161	297.693	96.668	6.689	0.12943	3.12687	4 X
K03UE8O	15.0	0.15	K1014	73.207	292.996	72.396	17.291	0.05468	3.14671	5 X
K03UF2Y	15.8	0.15	K1014	89.664	103.367	246.293	2.953	0.25604	3.04357	5 X
K03UF5D	16.4	0.15	K1014	33.747	355.058	65.548	6.647	0.25097	3.04996	2 X
K03UG8O	15.1	0.15	K1014	74.110	145.731	246.709	5.966	0.20218	3.00877	6 X
K03UH5Z	16.1	0.15	K1014	43.908	331.373	69.287	2.874	0.20354	3.05561	5 X
K03UH9O	15.6	0.15	K1014	109.954	297.255	101.037	5.038	0.10545	2.81194	8 X
K03UI9F	14.9	0.15	K1014	69.255	98.686	268.389	3.751	0.14466	3.10244	4 X
K03UJ9A	15.7	0.15	K1014	66.533	157.578	227.698	5.645	0.26850	3.03194	4 X
K03UL6J	15.8	0.15	K1014	42.596	38.119	341.686	4.689	0.16717	3.15395	7 X
K03UO7N	14.8	0.15	K1014	270.823	133.215	54.510	11.834	0.02520	3.01935	8 X
K03UO8Y	16.0	0.15	K1014	69.914	357.669	347.342	5.696	0.18731	3.12662	6 X
K03UO0Y	16.2	0.15	K1014	58.571	76.321	345.957	4.355	0.13841	2.98893	4 X
K03UQ6S	14.9	0.15	K1014	120.301	257.090	52.209	15.589	0.07043	3.17739	6 X
K03UR2V	15.4	0.15	K1014	41.462	327.854	64.792	8.388	0.13269	3.16338	3 X
K03Uf6U	15.9	0.15	K1014	33.474	135.351	271.880	6.391	0.17116	3.13628	3 X
K03W27F	15.4	0.15	K1014	323.305	239.786	264.900	8.781	0.02248	3.06004	5 X
K03W34W	15.2	0.15	K1014	11.811	212.834	259.484	8.171	0.07400	3.03645	4 X
K03W35N	15.5	0.15	K1014	88.656	98.232	284.038	8.179	0.10519	2.97409	3 X
K03W39V	16.2	0.15	K1014	84.050	85.859	283.564	5.278	0.21143	3.03930	3 X
K03W57M	15.8	0.15	K1014	58.336	124.842	261.484	3.016	0.08724	3.16036	6 X
K03W81Q	16.2	0.15	K1014	264.753	250.763	21.210	11.618	0.17940	2.62041	4 X
K03W86V	15.3	0.15	K1014	56.378	132.086	258.164	7.825	0.26226	3.14099	3 X
K03WA2C	16.1	0.15	K1014	48.317	156.437	255.868	4.741	0.15002	3.08626	3 X
K03WB1J	15.3	0.15	K1014	111.766	98.550	260.739	7.289	0.11156	3.00334	3 X
K03WB4H	15.5	0.15	K1014	133.068	49.656	279.907	7.702	0.06716	3.07134	4 X
K03WC5T	14.6	0.15	K1014	21.915	190.322	277.100	23.203	0.19207	3.14440	4 X
K03WF5O	15.6	0.15	K1014	109.546	230.618	112.295	10.700	0.13702	3.08128	7 X
K03WG0Z	16.2	0.15	K1014	143.437	76.171	239.565	7.879	0.16598	3.05468	4 X
K03WG1H	16.0	0.15	K1014	64.222	285.997	81.904	3.752	0.17742	3.20772	5 X
K03WG9V	15.4	0.15	K1014	74.482	258.059	115.354	18.001	0.17655	3.12144	4 X
K03X12V	15.5	0.15	K1014	50.800	98.282	358.665	12.509	0.11747	3.03535	8 X
K03X18O	15.4	0.15	K1014	52.342	92.477	324.429	8.301	0.07743	3.10837	5 X
K03X27W	16.8	0.15	K1014	112.133	30.749	314.445	1.903	0.12400	3.08228	4 X
K03X35L	15.4	0.15	K1014	354.426	203.615	285.962	11.612	0.20145	3.12864	5 X
K03Y10Q	15.7	0.15	K1014	77.044	15.919	37.275	7.537	0.26804	3.00564	3 X
K03Y25U	15.8	0.15	K1014	48.392	115.945	284.014	19.067	0.25774	3.22057	4 X
K03Y38V	15.7	0.15	K1014	91.088	213.046	139.609	3.248	0.20607	3.09945	5 X
K03YE5C	14.6	0.15	K1014	333.542	202.939	328.078	16.759	0.11162	3.19622	7 X
K03YG2P	15.4	0.15	K1014	62.865	62.322	18.593	10.876	0.11822	3.04512	4 X
K04B00D	15.3	0.15	K1014	51.898	114.745	304.729	21.678	0.22821	3.21773	5 X
K04B13E	14.6	0.15	K1014	200.640	145.713	124.424	16.337	0.06734	3.43086	4 X
K04B77Z	15.3	0.15	K1014	12.668	22.075	123.438	10.445	0.03631	3.12423	5 X
K04BD2F	15.5	0.15	K1014	356.938	13.043	141.381	19.267	0.08989	3.17221	4 X
K04BD2M	15.7	0.15	K1014	328.686	60.379	129.863	3.945	0.12002	3.15855	5 X
K04BD9Q	15.6	0.15	K1014	290.998	120.149	120.344	7.298	0.10939	3.09677	5 X
K04BF9H	18.8	0.15	K1014	60.184	225.086	151.025	1.794	0.17159	2.21415	4 X
K04C73U	15.6	0.15	K1014	56.987	342.591	102.248	6.982	0.17757	3.14486	3 X
K04D15G	15.0	0.15	K1014	60.198	303.839	141.900	17.730	0.15342	3.18822	4 X
K04D43X	17.7	0.15	K1014	230.916	141.654	98.488	3.053	0.06380	2.17551	6 X
K04D56S	18.0	0.15	K1014	328.245	157.781	318.464	4.630	0.03390	2.18216	5 X
K04E41D	17.1	0.15	K1014	356.764	74.453	10.611	4.335	0.06388	2.21902	5 X
K04E59J	17.1	0.15	K1014	274.327	286.052	276.268	6.170	0.09706	2.17933	6 X
K04E59V	16.5	0.15	K1014	324.197	185.854	311.038	4.596	0.14913	2.18941	8 X
K04E79S	16.4	0.15	K1014	265.154	321.160	242.676	5.571	0.10916	2.21775	5 X
K04E86G	16.8	0.15	K1014	4.229	326.206	126.366	4.680	0.03489	2.20183	4 X
K04F01Q	17.2	0.15	K1014	196.935	307.727	335.802	6.884	0.15528	2.19031	4 X
K04F26P	18.2	0.15	K1014	284.577	188.688	13.749	3.268	0.11038	2.14978	4 X
K04F67H	17.7	0.15	K1014	240.669	190.896	63.259	4.127	0.20783	2.17729	4 X
K04F68A	16.8	0.15	K1014	232.297	177.362	70.474	6.461	0.05350	2.20589	5 X
K04FB6U	17.3	0.15	K1014	232.071	141.544	109.073	6.646	0.15823	2.21708	5 X
K04FG6T	15.2	0.15	K1014	344.425	312.498	291.501	14.929	0.18318	3.13741	3 X
K04G28Z	17.3	0.15	K1014	248.791	357.210	231.876	2.609	0.13182	2.20763	6 X
K04G45V	18.0	0.15	K1014	157.681	263.923	38.910	4.588	0.20054	2.29358	4 X
K04G46L	16.8	0.15	K1014	81.383	190.633	183.396	4.777	0.16554	2.26103	5 X
K04G58U	16.6	0.15	K1014	136.488	293.913	1.289	5.980	0.11916	2.31579	6 X
K04H12U	17.5	0.15	K1014	207.156	157.753	122.515	6.301	0.18176	2.18965	5 X
K04H32Y	16.8	0.15	K1014	156.780	249.687	58.265	11.947	0.28306	2.31666	2 X
K04J11A	15.8	0.15	K1014	102.043	204.529	132.601	8.115	0.26369	2.45090	5 X
K04J30N	17.0	0.15	K1014	255.158	102.156	107.918	3.502	0.10029	2.27773	7 X
K04K12O	17.1	0.15	K1014	206.585	123.908	145.263	8.008	0.17070	2.28328	5 X
K04L01E	17.4	0.15	K1014	171.076	212.916	60.800	7.141	0.10403	2.35480	4 X
K04L16E	15.9	0.15	K1014	154.721	73.693	253.143	6.427	0.22621	2.41452	4 X
K04L25J	17.0	0.15	K1014	222.205	177.706	109.232	7.090	0.24746	2.26583	5 X
K04M03L	17.5	0.15	K1014	185.673	175.972	107.325	2.159	0.16614	2.36845	5 X
K04N00H	17.0	0.15	K1014	141.185	219.980	93.455	5.906	0.19788	2.44992	4 X
K04N03M	17.5	0.15	K1014	278.494	248.826	356.216	1.145	0.16312	2.20069	6 X
K04N05Z	16.7	0.15	K1014	153.225	166.647	140.548	6.897	0.12751	2.42060	4 X
K04N13X	16.7	0.15	K1014	132.453	199.524	137.513	5.694	0.12610	2.41723	4 X

K04N20S	16.7	0.15	K1014	180.727	30.500	270.009	6.504	0.11066	2.37546	4	X
K04N22Q	17.2	0.15	K1014	206.032	9.135	273.225	4.817	0.22708	2.34271	5	X
K04O02G	16.9	0.15	K1014	123.205	196.358	160.616	6.953	0.13752	2.39946	4	X
K04O11S	15.9	0.15	K1014	114.760	37.461	276.220	13.875	0.17360	2.56608	6	X
K04P10U	17.4	0.15	K1014	188.012	71.251	211.068	2.833	0.20057	2.39114	5	X
K04P15B	16.5	0.15	K1014	215.095	249.154	12.948	5.115	0.17727	2.39723	4	X
K04P18M	16.5	0.15	K1014	193.315	77.104	201.556	2.645	0.20913	2.40193	4	X
K04P21W	17.1	0.15	K1014	123.057	245.584	123.753	6.317	0.16889	2.40659	4	X
K04P42P	16.8	0.15	K1014	74.827	206.871	161.140	6.599	0.34898	2.62976	3	X
K04P42V	16.6	0.15	K1014	96.545	267.277	57.527	5.477	0.22380	2.61284	6	X
K04P42Z	16.7	0.15	K1014	50.061	84.045	297.782	7.220	0.31186	2.72147	3	X
K04P43Q	16.8	0.15	K1014	63.238	182.329	182.810	2.739	0.24380	2.66615	6	X
K04P81V	16.8	0.15	K1014	96.956	230.011	117.836	3.313	0.20374	2.58564	5	X
K04P89U	16.5	0.15	K1014	75.755	180.092	178.427	3.396	0.28224	2.68635	7	X
K04P91P	16.9	0.15	K1014	120.752	21.843	338.678	5.673	0.15397	2.44069	4	X
K04Q03V	16.8	0.15	K1014	229.749	349.782	279.474	6.226	0.10270	2.34712	6	X
K04Q12A	15.9	0.15	K1014	19.194	351.659	11.843	15.593	0.14409	2.86194	3	X
K04Q12U	17.3	0.15	K1014	165.183	211.012	96.397	8.795	0.20700	2.43523	4	X
K04Q25G	15.9	0.15	K1014	4.840	145.964	286.090	12.710	0.17685	2.73035	4	X
K04R06W	17.1	0.15	K1014	116.640	202.044	139.766	13.210	0.18141	2.54418	6	X
K04R07T	16.5	0.15	K1014	87.436	255.475	100.847	14.233	0.30598	2.65303	3	X
K04R10R	16.6	0.15	K1014	82.234	305.106	40.933	3.722	0.15554	2.64230	5	X
K04R14N	16.9	0.15	K1014	193.717	32.802	245.274	2.875	0.14811	2.43192	4	X
K04R20P	17.3	0.15	K1014	212.188	345.492	291.897	1.482	0.19446	2.38075	7	X
K04R36Z	17.0	0.15	K1014	232.034	274.363	332.131	1.640	0.18239	2.40064	7	X
K04R41C	17.3	0.15	K1014	158.492	163.194	138.110	2.634	0.18767	2.49011	4	X
K04R57O	16.8	0.15	K1014	125.114	178.248	148.628	8.376	0.20463	2.56326	5	X
K04R69O	16.8	0.15	K1014	256.669	88.870	156.696	7.870	0.10076	2.36966	7	X
K04R80Y	17.0	0.15	K1014	145.710	85.090	228.914	2.637	0.14978	2.52473	8	X
K04RA1S	16.6	0.15	K1014	99.784	23.768	301.935	3.056	0.19105	2.66084	5	X
K04RB2N	15.5	0.15	K1014	108.423	42.821	274.622	15.685	0.17342	2.67870	3	X
K04RC0M	17.2	0.15	K1014	85.831	3.983	3.447	3.358	0.20594	2.58510	5	X
K04RC3Y	15.7	0.15	K1014	150.350	11.789	277.508	13.588	0.11864	2.58413	5	X
K04RC7U	17.1	0.15	K1014	30.265	231.806	186.145	1.739	0.09187	2.62116	5	X
K04RD8N	16.5	0.15	K1014	182.354	18.355	283.480	11.483	0.25116	2.39658	4	X
K04RF8C	16.8	0.15	K1014	58.498	68.761	301.397	4.046	0.16264	2.69297	3	X
K04RF8Z	16.2	0.15	K1014	35.429	203.714	211.022	4.605	0.26587	2.70986	4	X
K04RJ2B	16.3	0.15	K1014	209.544	327.991	337.487	6.034	0.10942	2.37514	5	X
K04RJ9A	16.1	0.15	K1014	43.221	145.073	259.890	6.993	0.30425	2.75994	4	X
K04RL3J	15.7	0.15	K1014	112.882	76.523	278.981	13.030	0.13499	2.56048	7	X
K04RL5J	16.1	0.15	K1014	52.977	112.022	271.316	10.260	0.26953	2.72507	3	X
K04RM0A	16.6	0.15	K1014	63.291	104.842	288.330	11.510	0.27443	2.68553	5	X
K04RN0K	16.4	0.15	K1014	182.340	283.243	1.581	5.171	0.08718	2.57605	5	X
K04RN3O	17.6	0.15	K1014	82.182	246.346	127.357	1.151	0.11889	2.64753	6	X
K04RO5S	17.0	0.15	K1014	232.297	235.112	12.329	5.076	0.18769	2.41858	5	X
K04RP3Y	16.2	0.15	K1014	53.106	293.108	83.447	10.027	0.22301	2.70460	4	X
K04RQ0X	17.7	0.15	K1014	70.960	222.628	178.616	4.751	0.07042	2.53848	6	X
K04RR1B	17.2	0.15	K1014	350.644	122.602	4.712	3.094	0.10088	2.51701	7	X
K04RT0S	16.5	0.15	K1014	63.105	212.750	182.163	3.860	0.17078	2.58518	6	X
K04RU7Q	17.0	0.15	K1014	56.162	212.430	192.808	4.360	0.19084	2.60703	5	X
K04RV0Z	16.8	0.15	K1014	96.855	7.668	13.511	3.417	0.15327	2.57811	6	X
K04RX3K	16.6	0.15	K1014	93.733	243.161	133.278	7.521	0.19939	2.55905	5	X
K04RY5W	15.6	0.15	K1014	40.126	286.139	135.674	14.868	0.21666	2.69033	7	X
K04RY6T	16.1	0.15	K1014	29.695	148.911	277.337	11.801	0.16408	2.67172	2	X
K04RZ7B	16.3	0.15	K1014	76.929	308.773	77.972	15.419	0.21722	2.56776	2	X
K04S28W	16.4	0.15	K1014	100.227	343.741	357.393	11.575	0.14285	2.64162	2	X
K04S51X	15.8	0.15	K1014	63.432	309.060	73.680	7.665	0.26632	2.75348	4	X
K04S52V	16.2	0.15	K1014	148.937	41.796	287.748	10.605	0.28186	2.44383	6	X
K04T45S	17.0	0.15	K1014	125.010	298.086	22.642	11.634	0.15507	2.66916	3	X
K04T55W	17.2	0.15	K1014	111.292	270.932	43.473	11.795	0.28779	2.71926	4	X
K04T65A	17.9	0.15	K1014	96.749	133.299	223.957	1.895	0.10887	2.65061	5	X
K04T69L	16.2	0.15	K1014	78.688	25.441	38.655	7.224	0.08167	2.48330	5	X
K04T91Z	16.8	0.15	K1014	147.503	315.516	9.720	4.905	0.06566	2.58349	4	X
K04T92N	16.6	0.15	K1014	222.975	257.806	3.383	3.823	0.10514	2.52980	6	X
K04T93K	17.1	0.15	K1014	16.519	61.346	7.842	1.343	0.21331	2.77736	3	X
K04TD5A	16.8	0.15	K1014	42.439	250.518	175.061	4.513	0.22272	2.64246	5	X
K04TE6H	16.8	0.15	K1014	104.919	168.432	184.778	4.247	0.15991	2.62915	6	X
K04TG3T	16.7	0.15	K1014	124.673	287.442	44.124	5.015	0.26051	2.60912	4	X
K04TH0W	15.8	0.15	K1014	54.440	323.227	57.791	7.050	0.11072	2.76112	3	X
K04TH2N	15.1	0.15	K1014	28.388	19.651	342.366	10.113	0.05318	3.02294	4	X
K04TI8J	17.0	0.15	K1014	109.597	150.004	203.524	2.485	0.15456	2.59301	4	X
K04TJ8C	16.0	0.15	K1014	1.826	43.246	32.174	6.703	0.06215	2.78646	4	X
K04TM3C	15.7	0.15	K1014	75.216	247.435	131.119	13.983	0.22704	2.71676	4	X
K04TO3A	15.8	0.15	K1014	106.270	232.337	96.124	15.269	0.19000	2.68955	4	X
K04TO3E	15.6	0.15	K1014	75.610	264.835	108.427	15.570	0.16787	2.70790	3	X
K04TQ1N	16.7	0.15	K1014	28.101	259.593	184.160	4.227	0.22855	2.68509	5	X
K04TR2Q	15.4	0.15	K1014	347.219	165.506	235.280	10.143	0.10027	3.09433	5	X
K04TR3C	15.4	0.15	K1014	23.884	120.099	236.154	8.988	0.08045	3.11316	4	X
K04TR6R	16.8	0.15	K1014	25.862	238.176	192.696	2.361	0.16972	2.76529	5	X
K04TU8W	16.5	0.15	K1014	169.459	26.835	267.665	7.691	0.21679	2.53441	5	X
K04TV6Q	17.2	0.15	K1014	16.877	271.510	189.882	6.315	0.14200	2.61983	5	X
K04TX4F	16.6	0.15	K1014	5.948	5.039	72.348	1.577	0.04575	2.81284	5	X
K04TY2X	16.6	0.15	K1014	37.388	210.525	214.388	2.812	0.18432	2.74005	4	X
K04TZ1D	16.1	0.15	K1014	331.154	56.133	67.793	4.568	0.04417	2.77287	6	X
K04Ta1Z	15.3	0.15	K1014	297.719	222.074	234.964	11.068	0.09322	2.97731	6	X

K04Tb0P	15.2	0.15	K1014	297.629	41.507	68.083	12.778	0.17647	3.05175	4	X
K04U00Y	17.0	0.15	K1014	68.144	232.373	218.851	30.623	0.37171	2.57470	2	X
K04U08W	16.2	0.15	K1014	84.175	76.947	315.856	4.345	0.12889	2.60178	5	X
K04V06F	15.9	0.15	K1014	25.308	11.921	71.030	6.214	0.12889	2.72894	5	X
K04V08K	16.3	0.15	K1014	78.211	320.846	95.042	4.615	0.17844	2.60502	3	X
K04V21J	16.4	0.15	K1014	53.529	335.007	86.143	3.233	0.17074	2.69191	5	X
K04V28U	16.8	0.15	K1014	76.187	188.854	197.979	5.269	0.04632	2.70187	5	X
K04V37C	17.0	0.15	K1014	116.354	117.789	233.626	1.036	0.09050	2.66702	6	X
K04V45M	17.0	0.15	K1014	55.270	309.882	90.783	5.580	0.10318	2.76219	4	X
K04V66Q	16.2	0.15	K1014	133.614	82.015	234.223	4.227	0.07445	2.73078	4	X
K04V71S	16.6	0.15	K1014	124.500	105.435	227.910	3.913	0.12382	2.70721	5	X
K04V77T	16.2	0.15	K1014	70.615	315.282	115.245	5.496	0.13183	2.59955	4	X
K04V86S	15.5	0.15	K1014	16.686	312.446	83.978	10.562	0.09533	3.00841	3	X
K04V88C	16.7	0.15	K1014	251.562	281.503	300.406	3.100	0.04158	2.70215	4	X
K04W12V	17.2	0.15	K1014	124.574	353.292	94.941	5.919	0.19778	2.36931	3	X
K04X06W	15.0	0.15	K1014	36.575	322.446	27.092	7.600	0.31030	3.04619	2	X
K04X13Z	16.3	0.15	K1014	32.246	52.461	63.699	5.937	0.11496	2.72066	4	X
K04X16W	14.8	0.15	K1014	60.874	266.713	84.893	13.511	0.27657	2.98613	3	X
K04X17P	15.4	0.15	K1014	20.940	348.803	80.596	3.292	0.07653	2.93476	6	X
K04X30A	16.4	0.15	K1014	89.698	115.764	266.106	7.395	0.15011	2.69959	4	X
K04X41B	16.0	0.15	K1014	28.198	199.917	223.797	2.575	0.19689	2.90020	4	X
K04X46Q	16.4	0.15	K1014	341.683	17.864	96.169	3.274	0.07399	2.93073	4	X
K04X50D	18.5	0.15	K1014	332.586	63.629	106.162	20.660	0.37739	1.82518	2	X
K04X73Y	16.3	0.15	K1014	44.561	144.480	265.209	7.869	0.20411	2.78528	4	X
K04X81X	15.1	0.15	K1014	308.620	38.945	114.730	15.410	0.24168	3.11661	4	X
K04X83T	16.3	0.15	K1014	57.877	302.564	122.451	5.613	0.10773	2.78050	3	X
K04X86M	16.5	0.15	K1014	5.095	345.720	121.088	3.798	0.15580	2.90405	3	X
K04XB2T	16.5	0.15	K1014	52.874	119.235	292.487	3.195	0.06329	2.79664	4	X
K04Y21J	16.0	0.15	K1014	344.563	3.534	119.141	11.893	0.05214	3.00438	6	X
K05A01D	15.7	0.15	K1014	23.882	3.728	117.707	9.390	0.16456	2.78462	5	X
K05A03T	16.5	0.15	K1014	101.359	278.335	112.238	5.957	0.04935	2.78014	4	X
K05A42Z	16.3	0.15	K1014	338.113	305.996	212.018	1.027	0.17269	2.89761	5	X
K05A46K	16.0	0.15	K1014	79.078	275.838	126.866	9.935	0.21213	2.77437	3	X
K05A49R	15.9	0.15	K1014	7.115	187.437	279.196	9.623	0.09751	2.93156	3	X
K05A58R	15.0	0.15	K1014	336.602	169.550	297.667	10.303	0.09259	3.10657	5	X
K05A59S	15.9	0.15	K1014	34.216	87.605	310.289	8.105	0.07070	3.16077	6	X
K05A62E	15.3	0.15	K1014	20.261	316.420	118.784	11.890	0.02990	3.10102	8	X
K05A63B	15.4	0.15	K1014	188.225	147.736	135.312	9.796	0.19976	2.97182	6	X
K05A78P	15.6	0.15	K1014	168.643	198.311	103.002	7.349	0.05357	3.05110	6	X
K05A78Y	16.4	0.15	K1014	269.897	258.303	335.103	8.498	0.05848	2.88859	5	X
K05B21T	17.1	0.15	K1014	52.144	232.320	165.799	2.218	0.15850	2.99273	5	X
K05B35N	16.8	0.15	K1014	347.252	183.459	284.613	3.379	0.10407	3.04829	4	X
K05B48D	14.6	0.15	K1014	250.662	106.580	127.299	22.252	0.09479	3.06989	6	X
K05C13P	15.4	0.15	K1014	89.344	254.603	113.755	10.749	0.07751	3.11492	7	X
K05C31C	15.8	0.15	K1014	28.307	307.353	122.102	6.462	0.12509	3.09385	4	X
K05C31D	16.3	0.15	K1014	81.787	326.940	77.523	2.915	0.09685	2.94192	5	X
K05C39F	16.5	0.15	K1014	51.412	352.289	20.057	5.267	0.14257	3.23143	4	X
K05E10D	15.6	0.15	K1014	294.234	225.784	345.624	6.387	0.06009	3.02846	7	X
K05E15J	15.8	0.15	K1014	359.996	336.185	153.831	2.800	0.03750	3.04105	7	X
K05E21D	14.9	0.15	K1014	204.938	131.342	149.422	11.361	0.01885	3.10213	4	X
K05E24E	15.1	0.15	K1014	351.228	349.182	150.729	13.504	0.15290	3.01987	6	X
K05E25A	15.0	0.15	K1014	75.485	59.620	15.692	11.340	0.07667	2.92432	5	X
K05E33U	15.4	0.15	K1014	325.754	90.248	123.750	12.258	0.38886	3.01325	4	X
K05E84C	16.0	0.15	K1014	283.749	15.944	199.385	4.325	0.20173	3.13757	4	X
K05EA0B	16.1	0.15	K1014	20.480	83.110	55.458	5.892	0.01901	2.91264	4	X
K05EA1O	15.1	0.15	K1014	345.972	47.370	126.116	11.528	0.09791	3.00516	4	X
K05EB6R	15.3	0.15	K1014	289.317	38.122	166.303	5.478	0.09702	3.15193	4	X
K05ED1W	15.6	0.15	K1014	313.212	18.923	159.141	5.392	0.13218	3.12391	4	X
K05ED8P	15.0	0.15	K1014	320.877	63.317	119.243	7.932	0.06468	3.05360	5	X
K05EF5W	15.4	0.15	K1014	249.469	262.776	16.106	10.318	0.08134	3.03616	6	X
K05EG2W	15.8	0.15	K1014	327.793	152.788	19.560	4.287	0.05263	3.07689	5	X
K05EI9N	15.3	0.15	K1014	306.520	217.064	291.199	7.431	0.02910	3.01103	5	X
K05EJ4D	16.1	0.15	K1014	337.753	331.843	187.811	4.176	0.13843	3.05892	4	X
K05EJ6Z	15.2	0.15	K1014	315.472	299.442	253.044	7.405	0.21040	3.05162	6	X
K05EL5Z	15.2	0.15	K1014	140.418	321.904	32.390	1.611	0.02468	3.11089	4	X
K05EL9L	15.3	0.15	K1014	301.036	3.712	200.458	5.183	0.10650	3.14260	4	X
K05EL9O	15.6	0.15	K1014	29.512	118.905	8.571	10.635	0.04086	3.03834	3	X
K05EP3G	15.0	0.15	K1014	313.820	285.945	265.002	8.509	0.17695	3.08142	7	X
K05EQ6Y	15.4	0.15	K1014	333.571	305.723	211.337	4.592	0.13006	3.19251	7	X
K05ES2X	15.2	0.15	K1014	51.308	286.650	142.419	16.000	0.02972	3.14657	5	X
K05ET1B	15.2	0.15	K1014	314.930	27.289	146.755	12.110	0.09711	3.20065	4	X
K05EU6H	16.1	0.15	K1014	230.961	277.081	351.876	5.882	0.05049	3.06543	4	X
K05F06A	15.0	0.15	K1014	327.346	239.540	284.227	15.154	0.20032	3.13808	6	X
K05G27N	15.8	0.15	K1014	305.841	38.169	160.074	1.946	0.13460	3.17350	6	X
K05G43P	15.1	0.15	K1014	287.606	298.789	273.472	8.354	0.13428	3.17922	8	X
K05G82K	15.1	0.15	K1014	309.186	217.612	308.519	9.303	0.10937	3.17141	6	X
K05GI4O	15.9	0.15	K1014	88.355	230.815	159.478	11.005	0.10205	3.09161	4	X
K05GM0N	15.0	0.15	K1014	248.447	284.458	353.961	15.831	0.07402	3.04287	7	X
K05GM1U	15.7	0.15	K1014	262.007	163.545	106.711	5.751	0.12133	3.11976	6	X
K05GM2E	16.3	0.15	K1014	337.320	296.780	222.217	4.225	0.03853	3.20691	6	X
K05J71A	15.7	0.15	K1014	310.531	120.228	99.812	9.323	0.13763	3.12144	4	X
K05JB2S	13.0	0.15	K1014	274.979	264.786	206.340	27.217	0.09403	5.19993	5	X
K05M00C	16.6	0.15	K1014	14.147	124.989	287.427	27.269	0.59261	2.61651	3	X
K05M05X	17.3	0.15	K1014	89.660	219.320	133.510	5.005	0.21582	2.23528	5	X
K05M55C	15.2	0.15	K1014	288.377	205.596	110.979	14.972	0.16874	3.07691	4	X

K05N04F	17.8	0.15	K1014	60.296	112.917	256.426	1.535	0.23328	2.29398	4	X
K05N20K	16.3	0.15	K1014	83.065	73.221	275.795	21.244	0.31087	2.30495	3	X
K05N43H	18.2	0.15	K1014	56.364	84.856	228.487	2.248	0.19972	2.43690	2	X
K05N46L	17.7	0.15	K1014	103.866	166.736	165.524	4.817	0.20413	2.22525	4	X
K05NA0N	17.2	0.15	K1014	48.387	75.633	306.254	6.641	0.12355	2.27215	5	X
K05NC5S	17.0	0.15	K1014	65.174	247.587	74.614	22.453	0.23977	2.39310	2	X
K05NC5T	16.8	0.15	K1014	77.591	251.205	45.549	7.554	0.11995	2.40336	4	X
K05O00B	17.5	0.15	K1014	157.563	13.686	297.984	6.612	0.35790	2.14713	5	X
K05O18X	17.7	0.15	K1014	110.523	192.488	143.209	5.916	0.19464	2.24604	4	X
K05O28N	17.4	0.15	K1014	96.046	298.878	29.612	6.541	0.13421	2.30590	2	X
K05O31V	17.4	0.15	K1014	98.197	253.488	33.215	9.949	0.30291	2.33323	5	X
K05O31W	15.4	0.15	K1014	295.981	229.065	108.268	12.637	0.14698	2.94140	4	X
K05P03E	17.2	0.15	K1014	96.271	185.930	143.975	7.276	0.28847	2.30991	4	X
K05Q08J	17.3	0.15	K1014	51.499	160.257	219.541	1.987	0.22666	2.31033	3	X
K05Q13Z	17.5	0.15	K1014	57.748	214.465	175.654	4.076	0.17982	2.29029	3	X
K05Q19R	18.1	0.15	K1014	98.182	176.605	184.032	2.076	0.16760	2.21786	4	X
K05Q29E	17.4	0.15	K1014	104.756	89.044	260.623	4.383	0.19791	2.22088	5	X
K05Q29F	17.1	0.15	K1014	352.766	116.748	284.181	4.784	0.12486	2.46405	3	X
K05Q33D	18.2	0.15	K1014	95.519	184.126	177.650	0.413	0.09590	2.20782	7	X
K05Q38U	17.9	0.15	K1014	60.132	212.061	183.295	2.209	0.17746	2.25789	5	X
K05Q39A	17.4	0.15	K1014	67.180	37.435	318.000	0.540	0.20158	2.35842	5	X
K05Q56R	17.9	0.15	K1014	80.673	138.404	210.665	3.331	0.22929	2.28071	4	X
K05Q82T	17.4	0.15	K1014	149.207	100.215	207.489	2.779	0.21370	2.18310	4	X
K05Q85R	16.8	0.15	K1014	92.144	18.632	335.949	4.138	0.16321	2.32867	3	X
K05Q88D	18.2	0.15	K1014	48.774	67.031	327.025	1.940	0.22181	2.31716	5	X
K05QA0E	18.1	0.15	K1014	159.955	47.215	252.882	3.498	0.19679	2.16454	4	X
K05QC3C	16.5	0.15	K1014	232.297	183.177	338.816	6.139	0.09317	2.44496	5	X
K05QD0E	18.8	0.15	K1014	51.192	305.507	67.881	3.108	0.22882	2.37207	2	X
K05QF0D	17.3	0.15	K1014	51.004	275.689	153.774	7.133	0.08722	2.21053	5	X
K05QF5Q	17.8	0.15	K1014	49.041	332.101	43.764	2.979	0.23535	2.33989	5	X
K05QG6C	17.3	0.15	K1014	109.215	262.203	117.552	5.123	0.15735	2.19369	6	X
K05QH0X	16.5	0.15	K1014	142.057	14.283	288.913	5.903	0.12669	2.24346	4	X
K05QH2K	17.0	0.15	K1014	79.674	141.597	226.121	3.852	0.15666	2.30097	4	X
K05QH3K	17.0	0.15	K1014	90.161	4.619	347.824	6.029	0.19704	2.30627	5	X
K05QI0O	18.0	0.15	K1014	136.949	167.629	154.965	2.408	0.09703	2.21595	5	X
K05QJ0R	16.1	0.15	K1014	253.639	295.160	118.428	8.001	0.26353	3.08168	5	X
K05QJ0S	15.7	0.15	K1014	293.590	256.573	75.671	5.730	0.20188	3.19780	3	X
K05R02S	17.2	0.15	K1014	90.922	178.504	185.015	4.355	0.17028	2.27987	5	X
K05R02U	16.6	0.15	K1014	102.424	155.628	207.684	4.862	0.21527	2.23137	5	X
K05R10Z	16.9	0.15	K1014	146.038	45.239	268.351	4.632	0.13165	2.21334	4	X
K05R11J	16.4	0.15	K1014	82.133	160.276	224.778	4.580	0.16694	2.25275	5	X
K05R21V	17.5	0.15	K1014	104.394	288.417	28.722	2.997	0.23572	2.30872	4	X
K05R25T	16.5	0.15	K1014	119.400	48.895	280.705	5.674	0.19403	2.26518	5	X
K05R30O	16.2	0.15	K1014	49.011	90.542	311.749	11.259	0.21834	2.35747	3	X
K05R43A	17.7	0.15	K1014	102.062	75.887	265.969	4.452	0.21038	2.25102	3	X
K05R52A	16.6	0.15	K1014	348.427	247.926	114.812	6.103	0.10926	2.73262	6	X
K05S03B	17.6	0.15	K1014	97.954	352.619	5.821	3.085	0.17442	2.26891	4	X
K05S05L	17.8	0.15	K1014	84.948	170.951	190.408	2.701	0.16413	2.30077	5	X
K05S20L	17.3	0.15	K1014	106.268	81.888	261.989	7.252	0.16562	2.28167	2	X
K05S48P	17.4	0.15	K1014	144.380	324.873	354.530	3.883	0.02764	2.27536	4	X
K05S49Q	17.6	0.15	K1014	77.163	167.857	180.200	1.306	0.19561	2.38964	2	X
K05S53N	17.0	0.15	K1014	46.438	53.106	350.584	5.435	0.23772	2.36179	6	X
K05S53Z	17.8	0.15	K1014	47.159	218.863	182.948	1.273	0.18115	2.35572	3	X
K05S55S	17.6	0.15	K1014	38.908	238.723	185.001	2.236	0.16839	2.32988	4	X
K05S68Q	17.5	0.15	K1014	81.900	164.338	206.221	4.011	0.18200	2.29928	5	X
K05S69Z	17.2	0.15	K1014	46.703	343.802	85.142	3.141	0.17060	2.28769	6	X
K05S77G	17.8	0.15	K1014	67.366	339.323	17.793	3.060	0.19049	2.37349	2	X
K05S82B	18.5	0.15	K1014	74.851	207.097	167.326	3.239	0.15242	2.29850	3	X
K05S98J	17.1	0.15	K1014	8.417	198.759	247.344	5.530	0.19836	2.37880	3	X
K05SB5B	18.0	0.15	K1014	359.630	263.693	209.273	3.545	0.18615	2.31133	5	X
K05SB8R	16.9	0.15	K1014	113.028	250.709	68.873	7.482	0.15877	2.31015	3	X
K05SC1S	16.9	0.15	K1014	144.849	292.325	359.788	2.785	0.17398	2.25450	4	X
K05SD9V	17.7	0.15	K1014	136.905	158.566	167.830	3.508	0.15342	2.22036	5	X
K05SE7U	17.8	0.15	K1014	34.761	244.749	176.364	2.256	0.13821	2.34906	5	X
K05SG5T	16.7	0.15	K1014	40.689	305.143	80.332	6.491	0.24480	2.40211	3	X
K05SJ5S	17.7	0.15	K1014	85.319	340.961	8.249	5.433	0.06436	2.33761	3	X
K05SK5R	17.2	0.15	K1014	116.099	57.981	277.077	4.596	0.16573	2.24862	3	X
K05SK7Q	17.4	0.15	K1014	29.292	169.526	267.777	3.968	0.18985	2.32665	3	X
K05SK8B	17.6	0.15	K1014	80.269	119.488	230.808	5.078	0.23886	2.35630	3	X
K05SK8M	17.5	0.15	K1014	62.617	131.799	252.813	3.978	0.15829	2.33766	2	X
K05SL1J	16.7	0.15	K1014	52.150	320.864	1.303	9.236	0.13772	2.57619	3	X
K05SL5J	17.2	0.15	K1014	86.289	80.280	290.925	3.875	0.18185	2.29642	3	X
K05SL9O	16.4	0.15	K1014	74.933	77.705	274.531	4.384	0.34119	2.56230	5	X
K05SM6Y	18.0	0.15	K1014	58.837	17.789	59.842	1.471	0.06047	2.17651	6	X
K05SN2P	17.3	0.15	K1014	23.608	219.781	220.624	1.538	0.19268	2.37039	4	X
K05SN4G	16.9	0.15	K1014	34.932	172.469	239.245	5.494	0.14964	2.33974	5	X
K05SO9H	17.6	0.15	K1014	286.220	162.545	13.781	2.461	0.14435	2.34557	4	X
K05SP0A	17.8	0.15	K1014	66.890	305.334	53.329	2.356	0.19604	2.35313	3	X
K05SQ4G	17.1	0.15	K1014	16.507	268.015	167.047	2.921	0.16078	2.33790	6	X
K05SR8M	17.1	0.15	K1014	207.427	228.559	11.577	2.958	0.03677	2.33711	5	X
K05SR8Q	17.9	0.15	K1014	125.882	139.025	191.596	5.309	0.15342	2.25975	5	X
K05SS9K	17.6	0.15	K1014	94.572	187.949	159.476	5.496	0.13515	2.34483	5	X
K05T24V	18.0	0.15	K1014	159.462	147.854	152.948	0.720	0.17089	2.26245	6	X
K05T40W	16.4	0.15	K1014	342.415	47.318	114.061	6.399	0.07390	2.43680	6	X
K05T42R	16.6	0.15	K1014	128.939	29.843	297.021	4.029	0.17683	2.29762	6	X

K05T48E	17.6	0.15	K1014	67.178	17.440	8.860	2.769	0.11062	2.31917	7 X
K05T49S	17.3	0.15	K1014	49.635	132.671	259.581	7.255	0.22915	2.38667	2 X
K05T51M	17.8	0.15	K1014	33.664	276.090	76.677	5.430	0.31118	2.56413	3 X
K05T73S	17.6	0.15	K1014	102.719	239.518	127.057	3.432	0.20236	2.20924	5 X
K05T83F	17.0	0.15	K1014	122.424	18.561	337.361	3.852	0.16205	2.23083	6 X
K05T85C	17.7	0.15	K1014	333.319	298.473	221.529	2.960	0.12508	2.21316	5 X
K05TA1J	17.5	0.15	K1014	48.200	241.564	174.206	4.784	0.14233	2.31452	4 X
K05TA3X	16.5	0.15	K1014	41.530	27.654	301.292	4.040	0.21542	2.59352	6 X
K05TF1C	17.7	0.15	K1014	281.208	73.054	122.980	3.574	0.08285	2.23401	5 X
K05TG4G	17.8	0.15	K1014	345.654	186.020	302.713	1.603	0.15064	2.32602	5 X
K05TG8H	18.1	0.15	K1014	355.080	138.650	6.108	3.254	0.07419	2.21001	6 X
K05TI0C	16.4	0.15	K1014	125.661	336.569	326.882	6.560	0.11486	2.30589	5 X
K05TJ3H	18.4	0.15	K1014	47.423	243.604	186.040	2.601	0.12384	2.28597	4 X
K05U08Q	16.9	0.15	K1014	39.556	330.897	104.014	3.412	0.18209	2.35823	6 X
K05U09J	17.3	0.15	K1014	146.382	151.664	171.534	6.142	0.24613	2.19591	4 X
K05U15H	18.0	0.15	K1014	313.473	337.158	169.275	1.299	0.12296	2.38856	5 X
K05U16O	17.6	0.15	K1014	55.933	313.607	73.804	2.032	0.19467	2.38024	3 X
K05U28W	17.8	0.15	K1014	236.983	35.587	220.740	5.382	0.09756	2.20793	4 X
K05U44M	17.4	0.15	K1014	192.939	186.256	91.622	2.824	0.02773	2.30295	7 X
K05U45Z	18.0	0.15	K1014	43.467	67.705	3.223	2.952	0.16656	2.30853	4 X
K05U49E	16.4	0.15	K1014	272.980	292.013	257.223	6.962	0.04806	2.32456	7 X
K05U58Z	16.7	0.15	K1014	61.228	153.429	254.561	3.515	0.09791	2.33422	4 X
K05U61F	16.7	0.15	K1014	92.543	323.998	81.643	6.095	0.15276	2.23817	5 X
K05U63Y	17.5	0.15	K1014	99.490	265.174	77.768	2.508	0.20763	2.36854	4 X
K05U69X	17.2	0.15	K1014	61.039	123.242	278.087	7.932	0.13207	2.30707	5 X
K05U71E	16.2	0.15	K1014	94.792	19.651	302.066	5.145	0.26419	2.37516	5 X
K05U71J	16.9	0.15	K1014	24.990	164.090	257.037	7.570	0.18586	2.39957	3 X
K05U91E	17.2	0.15	K1014	210.896	335.231	287.160	4.476	0.10885	2.27308	5 X
K05U93D	17.2	0.15	K1014	183.528	33.497	258.608	4.499	0.19219	2.22528	3 X
K05U96M	17.5	0.15	K1014	235.430	81.082	179.756	3.626	0.06675	2.21312	5 X
K05UA2Z	17.6	0.15	K1014	135.106	130.907	184.294	2.186	0.22322	2.31347	5 X
K05UA3N	17.5	0.15	K1014	357.368	6.556	86.599	2.113	0.14477	2.45399	4 X
K05UA6D	17.0	0.15	K1014	115.828	192.886	136.337	2.638	0.25087	2.32731	3 X
K05UB3T	17.7	0.15	K1014	39.347	181.753	236.136	1.918	0.20178	2.40179	4 X
K05UD1M	17.6	0.15	K1014	53.087	263.112	129.833	8.304	0.26838	2.39226	2 X
K05UD1X	16.7	0.15	K1014	143.263	224.069	133.595	7.748	0.10329	2.19495	4 X
K05UF2J	18.2	0.15	K1014	29.249	193.681	232.650	1.652	0.15603	2.40623	3 X
K05UG0G	17.3	0.15	K1014	128.568	181.880	142.921	3.535	0.18781	2.27025	5 X
K05UG0X	17.4	0.15	K1014	84.732	290.978	69.904	4.552	0.26433	2.33415	3 X
K05UG2A	17.5	0.15	K1014	83.270	232.821	125.549	4.448	0.22714	2.33046	3 X
K05UH0U	17.4	0.15	K1014	36.750	63.093	347.778	1.682	0.10076	2.41570	4 X
K05UH8S	17.3	0.15	K1014	345.564	292.863	207.139	4.754	0.08382	2.32301	6 X
K05UI1D	16.4	0.15	K1014	26.071	153.533	170.579	2.162	0.07267	2.90904	6 X
K05UK6Q	17.9	0.15	K1014	50.748	338.888	37.251	5.775	0.15057	2.40812	2 X
K05UL4P	16.6	0.15	K1014	157.017	46.246	281.864	5.320	0.13972	2.22544	4 X
K05UL6T	15.5	0.15	K1014	19.755	153.933	227.973	12.250	0.23146	2.60665	3 X
K05UL7P	17.9	0.15	K1014	56.831	217.513	160.035	3.302	0.21543	2.43054	3 X
K05UL8B	16.1	0.15	K1014	9.023	150.369	300.995	11.923	0.21149	2.62653	5 X
K05UM2Y	17.8	0.15	K1014	48.861	72.859	325.370	1.563	0.17333	2.38664	3 X
K05UN0F	17.4	0.15	K1014	253.410	107.366	120.782	1.915	0.14372	2.28301	6 X
K05UO2X	16.5	0.15	K1014	60.775	91.131	274.923	5.125	0.16796	2.48054	3 X
K05UO4Y	17.4	0.15	K1014	61.606	137.764	278.425	6.269	0.08573	2.32914	4 X
K05UX1O	18.0	0.15	K1014	48.281	42.193	40.973	3.870	0.09853	2.20939	4 X
K05UZ0Y	16.6	0.15	K1014	68.388	123.165	251.387	6.839	0.12597	2.36115	4 X
K05Ua3P	17.2	0.15	K1014	168.588	159.197	145.216	2.817	0.15696	2.24441	6 X
K05Ub4E	16.8	0.15	K1014	80.436	132.695	236.408	4.821	0.05665	2.41250	3 X
K05Ud6M	16.5	0.15	K1014	97.108	287.502	66.459	7.496	0.12616	2.29091	5 X
K05Ud7A	16.9	0.15	K1014	325.610	304.769	141.286	13.388	0.23792	2.63941	3 X
K05Uf0M	17.8	0.15	K1014	155.208	229.929	71.626	6.893	0.21487	2.31903	2 X
K05Uf6F	17.7	0.15	K1014	158.965	262.741	62.099	7.323	0.18841	2.19626	2 X
K05Uh2U	18.0	0.15	K1014	357.704	351.549	124.165	1.955	0.12843	2.38272	5 X
K05Ui3Z	16.8	0.15	K1014	49.477	88.825	334.677	5.118	0.16626	2.33745	4 X
K05Ui4L	16.6	0.15	K1014	5.435	221.643	252.909	4.846	0.09107	2.34230	6 X
K05Ui5B	17.8	0.15	K1014	74.354	236.660	148.206	3.246	0.14314	2.30324	4 X
K05Ui7H	16.8	0.15	K1014	107.061	84.518	269.443	6.518	0.13319	2.31521	5 X
K05Uj1C	17.6	0.15	K1014	314.055	108.070	30.918	6.523	0.12865	2.43038	4 X
K05Uj8T	17.4	0.15	K1014	113.454	169.714	187.983	5.525	0.15510	2.29548	4 X
K05Uk1L	16.8	0.15	K1014	16.042	207.448	253.009	4.569	0.12347	2.38156	4 X
K05Um5N	16.6	0.15	K1014	110.211	270.397	86.484	5.945	0.08292	2.29017	3 X
K05Un2F	17.1	0.15	K1014	106.921	215.636	129.846	7.761	0.14049	2.34470	6 X
K05Un5K	16.1	0.15	K1014	58.735	304.628	3.107	11.794	0.20429	2.62104	3 X
K05Uo4Y	16.7	0.15	K1014	341.113	21.311	111.737	2.838	0.12481	2.71941	5 X
K05Ur0L	16.0	0.15	K1014	106.945	211.936	139.475	6.124	0.08204	2.69093	5 X
K05V03S	16.3	0.15	K1014	132.044	85.882	248.968	5.796	0.27865	2.27390	4 X
K05V06K	16.1	0.15	K1014	74.069	60.979	256.369	11.457	0.16180	2.63551	3 X
K05V11T	17.2	0.15	K1014	67.914	3.809	55.845	6.755	0.18939	2.26235	5 X
K05V16T	17.5	0.15	K1014	61.696	262.262	116.354	5.231	0.28916	2.37969	5 X
K05V21L	18.0	0.15	K1014	349.431	61.491	82.504	4.664	0.05427	2.25436	4 X
K05V31P	17.7	0.15	K1014	153.269	221.741	78.514	3.722	0.17317	2.36468	2 X
K05V39H	17.4	0.15	K1014	43.744	337.691	47.317	7.215	0.14302	2.44878	4 X
K05V51Q	17.1	0.15	K1014	117.952	186.290	150.868	7.722	0.21699	2.28076	5 X
K05V72C	17.2	0.15	K1014	355.468	290.678	191.563	2.167	0.16670	2.39252	5 X
K05V81P	18.0	0.15	K1014	45.248	226.722	198.235	0.683	0.16471	2.37810	5 X
K05V82F	17.7	0.15	K1014	97.741	210.965	141.209	5.168	0.14264	2.34945	4 X
K05VB6B	17.4	0.15	K1014	23.138	107.933	358.159	2.801	0.18385	2.32562	4 X

K05W12J	17.1	0.15	K1014	191.815	208.647	66.585	6.851	0.09273	2.34766	6	X
K05W15M	17.1	0.15	K1014	171.017	37.026	257.989	2.233	0.13581	2.34679	5	X
K05W29X	17.5	0.15	K1014	47.640	67.649	16.465	1.738	0.11543	2.31636	6	X
K05W31Y	17.1	0.15	K1014	19.105	187.993	269.571	5.566	0.08742	2.39150	2	X
K05W41F	16.9	0.15	K1014	111.046	111.751	245.609	4.595	0.19165	2.29942	7	X
K05W57K	17.6	0.15	K1014	32.461	313.583	104.939	10.047	0.22197	2.41933	4	X
K05W58A	17.3	0.15	K1014	23.235	181.884	252.984	0.550	0.16007	2.42674	5	X
K05W79B	17.5	0.15	K1014	9.472	160.969	275.533	0.797	0.10924	2.52061	3	X
K05W79L	17.1	0.15	K1014	97.998	88.131	260.455	5.350	0.20036	2.41826	3	X
K05W86Y	17.3	0.15	K1014	14.712	126.705	238.691	11.355	0.31516	2.64917	2	X
K05W88V	17.2	0.15	K1014	74.536	6.069	57.606	7.088	0.10223	2.26786	4	X
K05W89P	17.4	0.15	K1014	14.425	28.721	90.554	3.242	0.16225	2.35761	5	X
K05W93U	16.9	0.15	K1014	281.780	144.976	38.315	2.984	0.14824	2.35793	5	X
K05W97N	17.6	0.15	K1014	35.799	33.190	60.367	3.625	0.12295	2.32948	5	X
K05WA4L	17.0	0.15	K1014	19.716	357.343	117.414	3.926	0.15475	2.33283	5	X
K05WC1S	16.3	0.15	K1014	18.098	355.357	92.028	10.903	0.18832	2.45385	4	X
K05WC5J	17.1	0.15	K1014	213.364	24.075	231.780	4.253	0.06557	2.31891	6	X
K05WC6W	16.3	0.15	K1014	136.716	247.345	99.033	5.470	0.17450	2.24665	8	X
K05WD8J	17.4	0.15	K1014	17.284	195.572	250.541	2.510	0.09480	2.41370	5	X
K05WE3Q	17.3	0.15	K1014	315.007	79.812	85.856	1.937	0.14103	2.41575	6	X
K05WF1X	17.1	0.15	K1014	32.251	89.685	355.720	2.575	0.16238	2.36423	4	X
K05WF6V	16.3	0.15	K1014	11.166	321.022	74.831	6.376	0.22675	2.64278	4	X
K05WF6W	17.0	0.15	K1014	18.450	30.580	72.641	3.093	0.17262	2.40450	5	X
K05WF7W	17.0	0.15	K1014	24.556	24.027	96.620	5.193	0.13638	2.36892	4	X
K05WH2N	17.5	0.15	K1014	199.344	68.227	204.959	2.258	0.19232	2.31771	5	X
K05WH6T	17.5	0.15	K1014	349.910	89.159	54.618	3.238	0.15673	2.42158	4	X
K05WJ8N	17.4	0.15	K1014	182.696	16.422	290.724	2.147	0.20666	2.19081	7	X
K05X02B	17.9	0.15	K1014	67.987	126.219	249.587	5.777	0.18971	2.42009	3	X
K05X03P	16.1	0.15	K1014	75.771	67.446	290.185	5.756	0.11253	2.46417	4	X
K05X11Q	16.8	0.15	K1014	192.241	192.678	111.588	5.873	0.11085	2.26889	4	X
K05X12C	17.7	0.15	K1014	5.810	293.519	173.177	1.367	0.12483	2.36849	4	X
K05X27C	17.5	0.15	K1014	90.074	71.673	294.870	2.496	0.15710	2.45650	6	X
K05X36L	18.1	0.15	K1014	53.125	358.720	62.283	2.254	0.17052	2.40007	3	X
K05X52Z	16.5	0.15	K1014	59.325	287.163	78.513	17.445	0.20684	2.56356	2	X
K05X60N	17.3	0.15	K1014	322.459	251.786	268.385	4.240	0.05755	2.30591	5	X
K05X62W	17.6	0.15	K1014	306.761	156.654	48.833	3.113	0.12531	2.29635	6	X
K05X82K	17.4	0.15	K1014	293.738	233.045	315.439	1.991	0.12449	2.38814	6	X
K05X82X	16.4	0.15	K1014	337.624	79.980	341.395	6.815	0.16633	2.66654	3	X
K05XA0J	18.4	0.15	K1014	24.141	304.812	107.478	5.869	0.28066	2.59997	2	X
K05XB4Z	16.1	0.15	K1014	289.501	243.940	281.603	6.583	0.06993	2.52299	3	X
K05Y20K	17.2	0.15	K1014	42.800	332.511	73.617	0.838	0.06068	2.57529	5	X
K05Y20P	17.3	0.15	K1014	306.216	68.591	97.025	5.057	0.16634	2.56856	3	X
K05Y25S	17.2	0.15	K1014	300.575	102.827	111.908	3.561	0.13398	2.40727	7	X
K05Y42Y	16.4	0.15	K1014	225.755	333.315	286.025	12.436	0.24173	2.55337	5	X
K05Y45U	18.3	0.15	K1014	31.069	272.154	171.400	1.101	0.15200	2.46309	3	X
K05Y55M	16.5	0.15	K1014	350.424	300.426	160.563	30.474	0.35797	2.61305	2	X
K05Y66T	17.4	0.15	K1014	306.954	55.806	115.655	6.615	0.12550	2.58183	3	X
K05Y81U	16.9	0.15	K1014	256.591	138.588	113.388	7.480	0.12548	2.39834	4	X
K05Y83N	16.4	0.15	K1014	131.514	180.108	119.174	14.292	0.13192	2.74003	3	X
K05Y91S	17.4	0.15	K1014	51.996	205.029	198.785	1.827	0.11252	2.55470	5	X
K05Y92K	17.6	0.15	K1014	253.573	98.193	123.321	2.557	0.05048	2.53118	4	X
K05Y95V	17.2	0.15	K1014	22.060	43.729	80.900	6.375	0.06788	2.37668	4	X
K05YA4P	18.1	0.15	K1014	38.373	249.475	153.735	0.433	0.14860	2.55963	3	X
K05YA5X	17.5	0.15	K1014	307.478	99.365	112.255	4.893	0.18482	2.37603	4	X
K05YA8Z	16.8	0.15	K1014	122.757	210.098	114.487	11.931	0.11025	2.58971	4	X
K05YB3B	17.6	0.15	K1014	349.050	46.124	111.040	3.276	0.12412	2.38396	6	X
K05YB5P	17.3	0.15	K1014	310.957	146.572	53.603	2.857	0.10011	2.41569	5	X
K05YB6L	16.4	0.15	K1014	65.054	272.233	103.806	10.520	0.10574	2.64882	5	X
K05YB9V	17.0	0.15	K1014	35.165	294.266	111.446	13.822	0.19729	2.56543	3	X
K05YC1P	17.1	0.15	K1014	357.514	8.577	89.479	6.236	0.18064	2.58393	3	X
K05YD3Q	17.9	0.15	K1014	319.214	122.066	47.628	2.956	0.15551	2.46041	2	X
K05YF1H	18.0	0.15	K1014	30.056	64.502	35.323	2.514	0.18297	2.42857	5	X
K05YG6Z	16.2	0.15	K1014	64.217	150.038	222.080	3.145	0.26298	2.54261	5	X
K05YG8F	17.4	0.15	K1014	78.077	143.135	243.927	2.447	0.10377	2.51103	5	X
K05YH7D	17.5	0.15	K1014	330.344	197.781	288.942	5.213	0.14135	2.60134	3	X
K05YI2S	16.4	0.15	K1014	332.141	57.358	111.401	9.762	0.14264	2.40910	5	X
K05YK1B	17.1	0.15	K1014	297.409	101.278	133.760	1.935	0.24315	2.39823	6	X
K05YK6S	17.3	0.15	K1014	50.977	94.537	290.991	14.323	0.29339	2.53234	3	X
K05YK8C	17.3	0.15	K1014	356.420	27.966	83.871	8.038	0.20261	2.52848	3	X
K05YL7Z	17.9	0.15	K1014	60.923	171.439	218.433	0.972	0.21652	2.36599	4	X
K05YR7L	17.3	0.15	K1014	89.066	320.925	83.550	6.261	0.16309	2.31074	4	X
K05YS5U	16.8	0.15	K1014	289.357	155.727	48.144	3.387	0.14760	2.44914	5	X
K05YT1P	17.3	0.15	K1014	295.387	30.403	146.747	4.653	0.14109	2.58365	4	X
K06A04S	16.2	0.15	K1014	155.878	301.870	337.167	5.883	0.04262	2.81767	5	X
K06A09Y	16.7	0.15	K1014	316.481	341.737	202.341	4.839	0.14763	2.45650	5	X
K06A12R	17.4	0.15	K1014	23.349	170.152	281.175	4.088	0.07716	2.46636	6	X
K06A13W	16.2	0.15	K1014	153.813	181.351	124.425	4.502	0.17759	2.66059	6	X
K06A13Y	17.0	0.15	K1014	291.687	43.551	128.203	4.824	0.06714	2.65347	3	X
K06A14T	17.9	0.15	K1014	345.442	168.527	300.130	2.349	0.16007	2.63797	4	X
K06A15F	16.3	0.15	K1014	140.689	10.406	292.475	6.610	0.01491	2.71986	2	X
K06A15Z	17.0	0.15	K1014	109.822	70.922	289.257	6.049	0.24418	2.40373	5	X
K06A23K	16.8	0.15	K1014	129.918	212.662	112.429	8.283	0.23978	2.56330	6	X
K06A37N	16.6	0.15	K1014	199.934	151.111	120.566	12.008	0.11968	2.62563	2	X
K06A43Q	17.7	0.15	K1014	340.707	137.323	29.575	2.893	0.15104	2.40068	4	X
K06A43X	16.3	0.15	K1014	348.257	129.902	37.386	7.004	0.09493	2.37975	3	X

K06A56D	16.9	0.15	K1014	273.997	290.504	282.616	12.232	0.11347	2.53012	2	X
K06A57N	16.6	0.15	K1014	291.184	142.928	85.516	7.509	0.05880	2.32084	5	X
K06A62D	16.9	0.15	K1014	233.308	65.638	189.058	3.236	0.15567	2.53751	4	X
K06A66K	18.0	0.15	K1014	16.057	151.601	291.458	5.878	0.19104	2.53275	2	X
K06A68Y	16.2	0.15	K1014	303.230	107.940	107.536	7.180	0.04360	2.30310	5	X
K06A83Q	16.6	0.15	K1014	14.792	330.372	114.949	18.014	0.15209	2.56212	4	X
K06A84J	17.0	0.15	K1014	347.684	34.848	67.822	14.099	0.23310	2.61982	2	X
K06A85L	16.3	0.15	K1014	4.931	174.646	273.218	6.037	0.17388	2.64271	5	X
K06A96M	16.6	0.15	K1014	50.114	206.855	205.378	5.679	0.21885	2.54759	7	X
K06AA6J	17.2	0.15	K1014	318.362	162.275	34.498	2.454	0.12367	2.39293	6	X
K06B05Y	16.7	0.15	K1014	59.194	164.756	246.631	4.921	0.16517	2.47272	5	X
K06B11Q	16.7	0.15	K1014	250.672	112.417	117.979	12.718	0.12905	2.57990	2	X
K06B20R	17.7	0.15	K1014	0.878	137.394	310.289	0.804	0.18930	2.63281	2	X
K06B31Q	15.7	0.15	K1014	251.099	99.369	108.784	5.151	0.13493	2.78861	5	X
K06B36P	16.8	0.15	K1014	296.837	132.168	99.077	4.378	0.13729	2.41771	6	X
K06B45Z	17.0	0.15	K1014	281.088	67.899	150.780	8.815	0.09013	2.57982	6	X
K06B56A	16.6	0.15	K1014	321.785	348.843	157.441	2.223	0.01519	2.67655	4	X
K06B57W	15.7	0.15	K1014	245.543	302.643	274.563	10.531	0.09065	2.71103	5	X
K06B78P	15.9	0.15	K1014	1.772	351.816	131.675	13.145	0.13879	2.59033	6	X
K06B81D	16.2	0.15	K1014	5.694	264.534	138.055	10.162	0.11339	3.06268	4	X
K06B82J	16.3	0.15	K1014	136.878	293.056	55.938	3.370	0.15141	2.61473	5	X
K06B85A	16.4	0.15	K1014	221.906	164.477	115.827	5.761	0.10848	2.48792	5	X
K06B90J	17.1	0.15	K1014	291.740	232.980	337.366	5.452	0.22040	2.61140	3	X
K06B93Z	16.9	0.15	K1014	75.968	54.803	324.311	5.675	0.08411	2.74337	4	X
K06B94A	17.1	0.15	K1014	27.600	123.032	312.274	3.654	0.05335	2.70403	3	X
K06B95B	16.6	0.15	K1014	167.738	12.723	298.074	2.194	0.07929	2.69051	4	X
K06B95K	17.1	0.15	K1014	5.428	184.146	278.334	1.153	0.16456	2.64085	5	X
K06B97F	17.2	0.15	K1014	282.372	104.180	135.560	3.748	0.13764	2.51672	5	X
K06BB1T	18.2	0.15	K1014	352.595	55.870	62.869	1.106	0.11788	2.59452	3	X
K06BB5W	16.5	0.15	K1014	169.420	33.452	266.318	1.756	0.07373	2.70301	5	X
K06BB8W	17.2	0.15	K1014	317.427	153.721	345.338	2.598	0.10259	2.65247	5	X
K06BD0M	16.9	0.15	K1014	252.512	280.580	337.780	10.175	0.14130	2.59045	4	X
K06BD0Y	17.5	0.15	K1014	8.472	301.763	163.878	2.764	0.12521	2.63824	4	X
K06BD1P	16.6	0.15	K1014	222.557	311.378	333.861	12.620	0.16826	2.58426	5	X
K06BD4E	17.3	0.15	K1014	258.373	113.566	117.148	6.659	0.19653	2.60697	5	X
K06BE3Y	17.3	0.15	K1014	335.412	259.964	246.155	4.219	0.21995	2.57991	4	X
K06BE4Q	15.7	0.15	K1014	276.217	286.162	289.598	12.247	0.11974	2.60545	4	X
K06BE6F	17.1	0.15	K1014	283.731	143.500	28.083	7.545	0.15782	2.75931	2	X
K06BF4N	16.2	0.15	K1014	116.194	213.010	130.866	6.324	0.07435	2.72709	5	X
K06BF7E	15.8	0.15	K1014	281.930	65.062	118.615	4.273	0.10791	2.78187	7	X
K06BF9Y	16.2	0.15	K1014	184.987	84.640	212.440	2.681	0.12864	2.67434	3	X
K06BG1O	15.8	0.15	K1014	312.754	241.299	290.614	14.136	0.02944	2.62773	3	X
K06BG5M	16.5	0.15	K1014	133.416	186.724	137.708	3.743	0.10200	2.78032	6	X
K06BG7L	17.2	0.15	K1014	25.325	297.849	137.272	5.025	0.24727	2.57478	3	X
K06BG8Y	16.4	0.15	K1014	104.395	220.854	145.011	6.979	0.04806	2.70401	4	X
K06BJ0K	15.9	0.15	K1014	83.220	250.989	127.035	5.985	0.06193	2.73808	6	X
K06BJ9U	17.0	0.15	K1014	358.847	311.589	145.505	4.992	0.03560	2.79891	4	X
K06BM0L	17.2	0.15	K1014	290.730	193.545	345.537	3.689	0.03561	2.62501	5	X
K06BN1P	16.8	0.15	K1014	272.014	127.387	108.561	7.012	0.09650	2.47692	4	X
K06BN4U	17.6	0.15	K1014	306.902	223.404	350.208	2.199	0.14614	2.43270	4	X
K06BO0U	15.6	0.15	K1014	189.344	138.460	129.566	9.899	0.12520	2.78168	5	X
K06BO3T	17.1	0.15	K1014	286.667	148.903	54.031	3.382	0.12450	2.60723	5	X
K06BO5S	16.6	0.15	K1014	14.552	347.455	80.051	1.812	0.05595	2.76396	5	X
K06BP1M	16.8	0.15	K1014	49.072	260.209	155.223	2.589	0.13454	2.61485	5	X
K06BP3F	17.6	0.15	K1014	9.935	227.355	230.707	0.490	0.02873	2.66122	4	X
K06BP7Q	17.2	0.15	K1014	125.657	56.464	298.636	3.681	0.08234	2.60566	6	X
K06BP9D	16.5	0.15	K1014	190.431	173.140	108.442	2.800	0.04877	2.71863	6	X
K06BQ1W	16.4	0.15	K1014	138.042	190.112	146.711	14.318	0.17042	2.66156	6	X
K06BR3X	16.8	0.15	K1014	328.642	107.320	46.391	3.167	0.10549	2.62538	5	X
K06BR5X	17.3	0.15	K1014	182.779	148.571	137.563	10.198	0.09421	2.59948	5	X
K06BS1G	16.4	0.15	K1014	96.793	215.324	144.486	10.608	0.24806	2.74333	7	X
K06C05O	17.1	0.15	K1014	2.557	270.843	210.139	4.608	0.09233	2.51714	5	X
K06C11U	16.9	0.15	K1014	239.922	312.499	306.168	1.606	0.08445	2.51752	6	X
K06C15K	16.1	0.15	K1014	276.039	102.974	92.623	5.189	0.04927	2.64948	5	X
K06C61D	16.0	0.15	K1014	237.322	139.615	106.960	15.911	0.07295	2.57999	5	X
K06C65V	16.7	0.15	K1014	348.331	80.389	77.744	4.328	0.21112	2.59605	5	X
K06D07B	16.5	0.15	K1014	158.762	159.190	162.707	6.523	0.06902	2.70019	4	X
K06D10J	16.9	0.15	K1014	11.673	333.590	119.625	5.145	0.23017	2.58957	2	X
K06D22W	16.5	0.15	K1014	149.457	178.469	137.435	5.114	0.05763	2.79471	4	X
K06D32A	16.5	0.15	K1014	10.030	147.574	342.574	9.511	0.09707	2.56141	5	X
K06D33E	16.4	0.15	K1014	302.127	6.993	176.862	3.623	0.02972	2.71163	8	X
K06D38W	16.0	0.15	K1014	129.211	267.309	35.332	2.740	0.15730	3.09975	5	X
K06D40H	16.2	0.15	K1014	342.092	215.684	296.842	12.550	0.13890	2.57357	5	X
K06D41M	15.5	0.15	K1014	289.504	270.880	288.157	13.743	0.05425	2.61736	5	X
K06D57R	16.7	0.15	K1014	17.659	258.876	189.487	2.587	0.04397	2.78223	6	X
K06D59D	16.9	0.15	K1014	9.643	223.276	346.001	7.204	0.05703	2.28004	4	X
K06D68O	16.2	0.15	K1014	297.757	69.646	114.533	19.052	0.12840	2.72805	5	X
K06D79O	16.1	0.15	K1014	84.392	195.804	180.127	5.931	0.06955	2.79000	3	X
K06D82B	17.2	0.15	K1014	340.225	343.979	160.683	3.358	0.11966	2.65083	3	X
K06D82Q	16.9	0.15	K1014	286.294	254.970	276.429	0.992	0.03307	2.85524	5	X
K06D87A	15.9	0.15	K1014	330.220	98.149	15.219	5.317	0.07401	2.92084	4	X
K06D94Z	16.6	0.15	K1014	239.298	251.929	11.026	4.277	0.05883	2.70163	4	X
K06DA7L	17.1	0.15	K1014	222.834	89.530	173.410	5.248	0.14626	2.80758	5	X
K06DA8C	16.5	0.15	K1014	52.307	232.427	186.047	5.005	0.10402	2.74575	4	X
K06DB9J	16.7	0.15	K1014	46.597	64.158	34.015	7.541	0.08010	2.45164	4	X

K06DC0C	16.1	0.15	K1014	13.805	24.536	66.314	5.309	0.06093	2.69289	6 X
K06DD00	16.6	0.15	K1014	235.181	121.018	141.570	12.064	0.16939	2.59693	4 X
K06DD90	15.7	0.15	K1014	197.322	141.953	151.415	13.553	0.14400	2.73012	6 X
K06DG4G	16.6	0.15	K1014	193.161	77.595	197.810	2.886	0.05621	2.77745	5 X
K06DH4C	17.5	0.15	K1014	340.693	9.464	140.642	3.231	0.05079	2.64598	6 X
K06DJ5F	15.6	0.15	K1014	277.439	98.100	92.247	13.851	0.12846	2.76945	4 X
K06DJ7Z	15.5	0.15	K1014	299.510	266.626	290.378	15.383	0.15201	2.62724	7 X
K06DK1S	15.6	0.15	K1014	357.581	21.513	67.863	9.000	0.04029	2.73308	5 X
K06E03G	16.8	0.15	K1014	117.308	221.661	119.136	3.377	0.08105	2.79266	3 X
K06E04D	17.1	0.15	K1014	75.989	15.206	10.047	5.060	0.12365	2.71244	5 X
K06E10G	16.3	0.15	K1014	330.717	355.343	151.769	5.392	0.05572	2.72748	4 X
K06E13X	16.9	0.15	K1014	2.986	309.467	165.747	2.465	0.00928	2.72659	5 X
K06E18X	17.1	0.15	K1014	304.361	180.861	353.180	4.825	0.02044	2.76438	5 X
K06E19H	16.6	0.15	K1014	243.081	68.894	182.588	4.284	0.03797	2.72318	4 X
K06E54P	16.8	0.15	K1014	295.134	37.413	157.105	4.048	0.14521	2.64719	6 X
K06E56R	14.3	0.15	K1014	84.869	304.871	337.747	13.094	0.22438	3.99587	3 X
K06E72S	16.0	0.15	K1014	211.005	126.666	155.505	11.124	0.05631	2.99406	5 X
K06E72X	16.7	0.15	K1014	9.389	76.427	26.518	3.916	0.11604	2.77648	3 X
K06F00F	17.0	0.15	K1014	287.902	199.205	14.792	2.479	0.07886	2.54229	6 X
K06F03L	16.3	0.15	K1014	186.099	101.984	188.800	4.060	0.08149	2.92262	7 X
K06F20P	15.9	0.15	K1014	244.946	81.815	131.655	1.952	0.14321	3.06396	3 X
K06F29W	15.9	0.15	K1014	199.291	286.596	38.294	6.652	0.07642	2.69645	4 X
K06F37K	15.3	0.15	K1014	241.600	295.189	357.861	11.148	0.18761	2.66655	5 X
K06F44O	16.1	0.15	K1014	340.074	140.514	38.066	8.014	0.14307	2.61588	4 X
K06F46T	15.8	0.15	K1014	271.446	82.903	160.519	11.189	0.23334	2.71507	6 X
K06F54P	16.4	0.15	K1014	93.745	16.436	45.174	6.534	0.03169	2.66574	4 X
K06G37B	16.3	0.15	K1014	0.792	111.096	42.098	6.557	0.02532	2.64605	7 X
K06G49O	16.6	0.15	K1014	339.841	278.474	228.238	1.466	0.19024	2.65545	6 X
K06H04K	16.4	0.15	K1014	321.891	340.885	175.902	3.462	0.13145	2.74096	6 X
K06H09P	15.9	0.15	K1014	191.034	164.485	126.860	6.809	0.17185	3.01808	4 X
K06H12P	16.6	0.15	K1014	301.803	349.473	193.139	4.794	0.09252	2.74330	5 X
K06H18P	16.8	0.15	K1014	295.349	119.109	104.880	6.210	0.23172	2.68480	6 X
K06H22P	17.1	0.15	K1014	289.546	80.715	130.218	2.318	0.19341	2.77780	4 X
K06H27R	15.9	0.15	K1014	18.488	314.527	133.245	8.418	0.16578	3.08294	4 X
K06H44H	15.5	0.15	K1014	189.627	230.799	59.192	6.048	0.11820	3.13687	5 X
K06H57C	16.6	0.15	K1014	316.587	342.422	211.694	3.798	0.21773	2.68914	4 X
K06H67S	16.4	0.15	K1014	311.952	157.473	347.656	0.259	0.11337	3.08970	6 X
K06H70U	16.1	0.15	K1014	134.806	197.139	136.517	2.114	0.18028	3.02389	8 X
K06H72J	15.4	0.15	K1014	60.333	275.996	126.687	6.518	0.13171	3.21215	3 X
K06H75R	15.6	0.15	K1014	238.250	115.764	117.070	10.838	0.17946	3.13469	5 X
K06H87C	16.7	0.15	K1014	124.250	230.888	120.989	3.005	0.05079	2.87033	6 X
K06H89J	16.5	0.15	K1014	276.487	118.494	130.646	9.543	0.08912	2.62538	6 X
K06HB9V	16.0	0.15	K1014	191.264	143.924	117.063	4.667	0.03868	3.21059	5 X
K06HD3V	15.9	0.15	K1014	75.039	341.810	10.098	5.334	0.08092	3.12816	4 X
K06HF3R	16.0	0.15	K1014	134.894	193.520	155.226	12.865	0.12620	3.14630	3 X
K06HF4D	16.3	0.15	K1014	281.881	119.146	45.920	11.581	0.08792	3.16626	2 X
K06J12W	15.7	0.15	K1014	170.049	214.667	91.277	10.480	0.06682	3.16815	5 X
K06J16U	16.3	0.15	K1014	281.476	12.755	173.333	3.940	0.10162	3.06174	5 X
K06J37D	17.0	0.15	K1014	331.692	111.711	80.509	5.637	0.18714	2.59535	5 X
K06J37G	16.5	0.15	K1014	246.656	73.262	153.498	5.593	0.07006	2.97556	5 X
K06J42N	16.6	0.15	K1014	275.796	89.885	121.533	2.915	0.05889	2.94659	6 X
K06J49A	15.9	0.15	K1014	359.951	18.985	134.286	14.608	0.19814	2.61957	4 X
K06J50G	16.7	0.15	K1014	319.956	292.332	226.607	3.604	0.04333	2.94277	6 X
K06J52X	15.7	0.15	K1014	150.900	130.181	177.655	3.460	0.16918	3.19596	6 X
K06J58G	15.9	0.15	K1014	340.646	35.283	125.568	14.508	0.19318	2.67634	5 X
K06K17D	16.3	0.15	K1014	308.952	80.611	125.817	7.886	0.21227	2.74820	5 X
K06K19B	16.1	0.15	K1014	84.456	297.973	126.143	14.369	0.06022	2.74396	6 X
K06K31H	16.1	0.15	K1014	48.873	162.529	250.764	3.116	0.05284	3.20226	3 X
K06K38G	16.7	0.15	K1014	293.410	117.442	117.252	7.994	0.20721	2.68550	4 X
K06K65J	15.9	0.15	K1014	171.698	186.305	134.785	13.440	0.09361	2.93394	6 X
K06K66O	16.1	0.15	K1014	50.319	286.739	128.530	1.438	0.15086	3.18285	6 X
K06K85W	17.2	0.15	K1014	339.834	82.771	99.434	5.711	0.20550	2.60073	4 X
K06K94R	16.3	0.15	K1014	240.787	91.839	144.921	3.500	0.11952	3.12352	6 X
K06KA4L	16.6	0.15	K1014	23.917	74.623	46.751	8.446	0.13906	2.76548	4 X
K06KB5M	15.4	0.15	K1014	217.614	62.466	206.265	4.010	0.12050	3.08180	4 X
K06LB0E	15.7	0.15	K1014	125.144	216.758	139.567	13.370	0.03827	3.07197	5 X
K06N00B	15.9	0.15	K1014	267.941	87.771	113.160	26.093	0.21691	3.16489	5 X
K06Q44Y	14.5	0.15	K1014	150.562	236.461	132.249	10.947	0.11119	3.54170	6 X
K06U00R	19.4	0.15	K1014	1.109	200.052	263.356	5.324	0.44758	2.01934	2 X
K06VD9B	17.1	0.15	K1014	205.362	322.236	274.403	6.359	0.07217	2.27176	3 X
K06WI4S	16.5	0.15	K1014	302.043	166.479	286.796	4.386	0.06801	2.43167	3 X
K06X15O	17.3	0.15	K1014	325.250	189.304	252.106	7.053	0.15843	2.26681	2 X
K06X26P	17.7	0.15	K1014	1.138	273.539	140.773	2.066	0.11538	2.17740	4 X
K06X52F	16.7	0.15	K1014	29.506	244.116	83.425	10.225	0.26661	2.36425	4 X
K06Y04B	16.3	0.15	K1014	236.796	192.845	330.375	5.409	0.13461	2.43453	4 X
K06Y29Z	17.6	0.15	K1014	62.684	353.135	18.794	2.457	0.12349	2.16467	2 X
K06Y34W	18.2	0.15	K1014	308.510	93.926	60.394	4.473	0.13322	2.15604	3 X
K07A15J	17.5	0.15	K1014	283.687	181.321	298.258	3.900	0.13701	2.38757	2 X
K07B00W	16.8	0.15	K1014	182.265	318.641	306.927	5.399	0.09677	2.24087	5 X
K07B10E	18.5	0.15	K1014	39.196	41.426	349.815	4.780	0.13351	2.23823	4 X
K07B26Y	17.3	0.15	K1014	346.838	149.678	306.436	7.108	0.05906	2.22830	4 X
K07B36E	18.0	0.15	K1014	269.542	238.552	304.523	4.671	0.04998	2.18807	2 X
K07B38K	17.8	0.15	K1014	19.660	126.411	298.760	5.068	0.09196	2.18822	5 X
K07B40G	16.6	0.15	K1014	180.299	307.690	307.936	8.152	0.23947	2.39332	4 X
K07B76R	17.2	0.15	K1014	315.456	64.362	75.900	4.728	0.07925	2.22864	3 X

K07C04A	17.2	0.15	K1014	181.939	308.739	308.130	6.659	0.11791	2.25489	5 X
K07C15Y	16.9	0.15	K1014	220.329	199.004	30.530	5.920	0.18533	2.34322	5 X
K07C22M	17.9	0.15	K1014	2.157	357.985	107.969	2.433	0.05724	2.13896	4 X
K07C35U	18.2	0.15	K1014	288.859	209.240	337.044	1.508	0.22825	2.20093	3 X
K07C41T	17.2	0.15	K1014	229.334	279.404	326.110	5.571	0.12294	2.22606	5 X
K07C56V	17.2	0.15	K1014	287.618	45.835	139.403	4.261	0.06857	2.22871	4 X
K07C57N	17.1	0.15	K1014	340.808	71.627	34.305	6.030	0.10861	2.22957	5 X
K07C63Y	17.1	0.15	K1014	260.751	95.772	76.393	2.230	0.12602	2.42026	4 X
K07D08T	17.7	0.15	K1014	259.719	114.163	89.337	3.787	0.08849	2.24698	3 X
K07D38V	17.5	0.15	K1014	236.947	102.901	150.475	4.433	0.14294	2.26656	4 X
K07D42A	16.4	0.15	K1014	223.981	257.058	323.175	6.790	0.08698	2.42067	4 X
K07D63H	17.2	0.15	K1014	163.514	173.401	128.694	8.192	0.07547	2.21878	6 X
K07D90S	17.1	0.15	K1014	214.018	126.238	115.759	2.898	0.17627	2.39507	5 X
K07D96V	16.8	0.15	K1014	318.326	155.638	330.774	5.977	0.03888	2.37637	5 X
K07DA0H	17.1	0.15	K1014	213.330	104.547	136.268	2.146	0.14031	2.35594	5 X
K07DA9G	16.9	0.15	K1014	176.417	270.011	348.482	4.779	0.14357	2.54119	6 X
K07DB1B	17.2	0.15	K1014	145.121	136.700	175.184	2.072	0.19164	2.42651	3 X
K07E09B	17.9	0.15	K1014	250.495	214.073	9.446	4.773	0.09037	2.31846	4 X
K07E12E	16.8	0.15	K1014	264.058	179.897	8.350	6.093	0.10536	2.34745	6 X
K07E14C	17.9	0.15	K1014	283.698	227.785	5.440	3.463	0.13960	2.13427	5 X
K07E18R	17.4	0.15	K1014	267.583	127.203	82.706	2.836	0.10070	2.29285	5 X
K07E31W	17.0	0.15	K1014	69.997	235.347	134.275	7.495	0.15072	2.28867	4 X
K07E32K	17.8	0.15	K1014	210.647	239.267	26.878	3.924	0.18936	2.33196	4 X
K07E41K	17.1	0.15	K1014	302.712	187.969	325.378	2.791	0.09212	2.32011	4 X
K07E46L	17.3	0.15	K1014	232.461	58.424	188.697	1.029	0.14879	2.37376	6 X
K07E50O	17.8	0.15	K1014	33.063	191.359	234.189	1.352	0.10083	2.26787	5 X
K07E54H	17.2	0.15	K1014	257.738	53.363	176.330	5.334	0.18717	2.35561	6 X
K07E69G	18.0	0.15	K1014	302.396	28.860	142.842	3.626	0.09416	2.27462	3 X
K07E78O	15.9	0.15	K1014	19.147	173.917	173.119	9.433	0.09605	3.16394	5 X
K07E87Y	17.4	0.15	K1014	212.323	78.997	171.110	5.719	0.10985	2.38981	5 X
K07EA5F	17.1	0.15	K1014	277.715	50.659	164.986	4.125	0.05101	2.18249	6 X
K07EA5H	18.2	0.15	K1014	357.124	316.736	162.712	3.288	0.13722	2.18518	5 X
K07EB2M	17.2	0.15	K1014	326.732	351.998	171.543	6.310	0.07240	2.28269	7 X
K07EB2Z	17.4	0.15	K1014	219.107	66.018	203.459	5.014	0.12891	2.34034	6 X
K07ED0P	18.0	0.15	K1014	204.182	99.171	170.777	1.497	0.17109	2.36883	5 X
K07EE2J	16.9	0.15	K1014	200.529	287.913	340.247	6.220	0.11182	2.40495	6 X
K07EF1D	17.5	0.15	K1014	111.383	207.971	149.475	7.311	0.12616	2.27280	4 X
K07EG7Z	17.5	0.15	K1014	175.908	246.264	42.359	4.409	0.18876	2.53780	5 X
K07EI0N	17.0	0.15	K1014	215.164	68.995	206.899	6.318	0.10848	2.34137	5 X
K07EI1U	16.8	0.15	K1014	110.050	120.605	216.812	3.130	0.07699	2.62170	8 X
K07EI5T	17.3	0.15	K1014	315.627	81.614	78.327	6.592	0.10572	2.29951	3 X
K07EJ7S	17.9	0.15	K1014	288.965	314.598	233.573	1.774	0.10018	2.32109	5 X
K07EL4A	17.8	0.15	K1014	296.704	36.711	129.753	2.264	0.13463	2.40279	4 X
K07EL4L	17.5	0.15	K1014	123.877	331.295	358.926	4.033	0.13713	2.38480	4 X
K07EL4T	16.3	0.15	K1014	73.001	326.850	18.092	6.694	0.18577	2.66527	5 X
K07EL8S	17.2	0.15	K1014	244.274	155.410	90.991	6.551	0.15781	2.29374	5 X
K07EM1L	17.6	0.15	K1014	214.247	55.425	206.954	2.335	0.15165	2.42353	3 X
K07F17V	17.3	0.15	K1014	222.861	96.401	176.435	4.957	0.22127	2.28538	5 X
K07F23U	16.1	0.15	K1014	61.050	342.040	26.767	4.098	0.15166	2.60989	6 X
K07G02A	17.2	0.15	K1014	317.775	62.188	93.140	5.832	0.08779	2.29621	3 X
K07G09G	18.2	0.15	K1014	335.142	295.585	208.061	2.248	0.07301	2.29575	5 X
K07G19B	17.5	0.15	K1014	275.727	7.810	217.925	3.243	0.12554	2.28977	6 X
K07G41C	17.1	0.15	K1014	208.289	204.811	38.366	4.522	0.14714	2.63662	5 X
K07G62R	16.9	0.15	K1014	244.658	104.529	132.495	5.469	0.14108	2.38336	6 X
K07G75E	16.0	0.15	K1014	176.539	183.514	84.611	13.519	0.14900	2.62758	6 X
K07G75R	15.3	0.15	K1014	76.675	258.877	77.206	17.199	0.10756	3.07604	5 X
K07H17A	17.7	0.15	K1014	280.195	31.251	168.372	5.630	0.10816	2.28579	3 X
K07H18K	17.6	0.15	K1014	276.511	45.854	158.736	1.291	0.13423	2.35407	5 X
K07H19R	17.6	0.15	K1014	275.157	136.584	66.938	2.372	0.12655	2.38346	5 X
K07H21P	15.8	0.15	K1014	126.189	121.409	196.023	4.095	0.13756	2.80008	6 X
K07H28M	16.6	0.15	K1014	290.778	80.324	109.214	6.017	0.10320	2.28508	3 X
K07H37L	18.2	0.15	K1014	326.907	39.559	100.614	4.390	0.15312	2.31551	3 X
K07H38Y	16.9	0.15	K1014	226.285	180.416	67.937	2.337	0.14342	2.40599	4 X
K07H39W	16.5	0.15	K1014	43.955	260.955	138.588	5.335	0.14646	2.53455	5 X
K07H45W	15.4	0.15	K1014	112.046	258.222	45.801	12.911	0.21014	3.13710	4 X
K07H46L	17.2	0.15	K1014	268.242	129.474	112.356	7.169	0.14388	2.21022	5 X
K07H58O	16.6	0.15	K1014	230.301	138.254	108.770	7.397	0.09782	2.41575	6 X
K07H66V	16.3	0.15	K1014	312.461	47.571	115.254	7.482	0.07664	2.45959	5 X
K07H72E	17.7	0.15	K1014	240.931	54.511	193.654	1.042	0.14294	2.38466	5 X
K07H72L	17.0	0.15	K1014	252.290	8.135	220.338	3.903	0.14030	2.39661	6 X
K07H74N	17.8	0.15	K1014	323.972	30.888	128.729	3.103	0.11873	2.34143	5 X
K07H86G	17.6	0.15	K1014	228.460	128.672	141.865	4.194	0.13035	2.39794	6 X
K07H86N	15.9	0.15	K1014	200.295	169.942	86.017	6.683	0.12793	2.66799	5 X
K07H87Y	17.2	0.15	K1014	348.371	36.004	86.506	3.735	0.18348	2.38172	5 X
K07H91F	16.4	0.15	K1014	248.385	150.613	49.296	4.749	0.03240	2.67089	3 X
K07J09B	16.6	0.15	K1014	35.133	319.953	86.850	1.334	0.06784	2.76199	6 X
K07J10C	17.4	0.15	K1014	287.281	125.437	46.133	7.550	0.16575	2.42011	3 X
K07J20J	17.8	0.15	K1014	320.657	334.063	174.020	2.484	0.14159	2.40182	5 X
K07J26N	17.0	0.15	K1014	9.128	20.242	109.555	6.535	0.09017	2.31782	4 X
K07J33G	16.0	0.15	K1014	57.571	277.012	114.893	8.825	0.17054	2.78486	6 X
K07K03H	17.0	0.15	K1014	294.796	301.296	255.074	5.627	0.06484	2.38625	6 X
K07K04C	15.5	0.15	K1014	76.653	252.544	118.868	7.726	0.07236	2.80981	5 X
K07L01U	16.5	0.15	K1014	226.156	112.619	140.044	5.436	0.17239	2.54186	4 X
K07L05T	16.8	0.15	K1014	177.773	140.021	171.170	6.277	0.11529	2.54631	3 X
K07L07K	16.7	0.15	K1014	111.137	172.530	186.290	5.247	0.15189	2.69191	4 X

K07L24Z	15.9	0.15	K1014	79.642	133.445	243.667	5.227	0.08271	2.76180	7	X
K07L25T	16.0	0.15	K1014	152.832	160.885	174.008	7.889	0.06292	2.87120	5	X
K07L26E	15.9	0.15	K1014	184.033	26.318	246.813	8.011	0.09304	3.13278	5	X
K07L26Y	15.9	0.15	K1014	139.474	220.206	135.117	14.613	0.26087	2.63269	4	X
K07L32W	15.2	0.15	K1014	166.710	172.857	120.239	20.883	0.30645	3.10666	5	X
K07M13K	20.1	0.15	K1014	93.668	259.852	95.133	19.885	0.13973	1.02440	3	X
K07M15F	16.2	0.15	K1014	247.890	11.472	240.037	5.872	0.25513	2.55891	6	X
K07M19Z	15.9	0.15	K1014	161.341	52.356	263.953	6.923	0.04394	2.98043	7	X
K07N00S	16.4	0.15	K1014	104.858	93.768	271.140	8.726	0.08084	3.04707	6	X
K07N07L	12.4	0.15	K1014	355.199	338.677	57.175	17.201	0.05019	5.25484	7	X
K07P00J	15.8	0.15	K1014	240.830	101.825	156.185	12.719	0.13735	2.75840	7	X
K07P01G	15.9	0.15	K1014	352.659	233.701	240.389	4.109	0.01107	3.21052	5	X
K07P04S	16.6	0.15	K1014	237.210	49.679	208.033	4.391	0.12450	2.78764	6	X
K07P13J	16.0	0.15	K1014	219.143	164.604	125.156	12.556	0.18988	2.64455	6	X
K07P16D	15.9	0.15	K1014	204.007	188.986	132.616	10.209	0.13377	2.70321	5	X
K07P28C	15.4	0.15	K1014	88.890	85.251	289.483	8.818	0.12521	3.40434	4	X
K07P29H	15.5	0.15	K1014	218.284	355.693	287.229	13.265	0.22762	2.67291	4	X
K07P39N	15.7	0.15	K1014	267.416	309.898	267.884	8.691	0.17904	3.00443	4	X
K07P46R	16.8	0.15	K1014	246.288	82.216	171.967	0.513	0.07761	2.99996	5	X
K07Q00K	15.6	0.15	K1014	218.981	347.920	293.819	21.022	0.20286	2.77507	5	X
K07Q05F	15.8	0.15	K1014	165.571	51.933	273.657	8.460	0.08882	3.13149	5	X
K07Q08X	16.8	0.15	K1014	263.226	96.266	157.723	11.803	0.25755	2.55028	4	X
K07R02Q	15.9	0.15	K1014	242.393	298.800	336.481	7.731	0.23134	2.70186	5	X
K07R21N	15.4	0.15	K1014	233.094	95.211	162.148	11.542	0.04645	3.05746	4	X
K07R22C	15.4	0.15	K1014	149.039	213.034	143.240	9.971	0.10611	3.03370	5	X
K07R22M	15.1	0.15	K1014	210.828	306.293	315.047	12.999	0.15414	3.17952	4	X
K07R48H	16.2	0.15	K1014	194.330	142.586	161.815	1.142	0.17999	3.17420	5	X
K07R99F	16.1	0.15	K1014	289.093	260.011	336.003	8.653	0.14403	2.61033	4	X
K07RI8Y	14.9	0.15	K1014	183.482	28.319	283.030	10.815	0.14096	3.08008	4	X
K07RL0T	15.3	0.15	K1014	84.460	79.376	336.951	15.699	0.08914	3.16394	3	X
K07RO5R	16.1	0.15	K1014	256.314	270.039	358.729	12.409	0.09020	2.71523	6	X
K07TE3T	15.3	0.15	K1014	353.317	143.446	22.045	9.783	0.03316	3.13787	5	X
K07TJ4C	15.5	0.15	K1014	181.409	338.539	2.402	13.840	0.03223	3.11654	5	X
K07U17X	16.7	0.15	K1014	148.793	176.557	238.652	10.503	0.05150	2.95201	3	X
K07U34F	15.5	0.15	K1014	151.697	289.355	73.132	6.162	0.16230	3.17456	6	X
K08D82X	17.6	0.15	K1014	117.439	232.871	26.925	2.948	0.15370	2.33768	7	X
K08H49O	15.8	0.15	K1014	115.246	347.833	264.099	5.348	0.17821	2.63917	5	X
K08K34E	15.7	0.15	K1014	94.440	194.573	113.343	11.905	0.21102	3.13882	5	X
K08L16H	16.4	0.15	K1014	84.668	65.370	285.821	10.661	0.30183	2.77006	4	X
K08L18A	16.6	0.15	K1014	127.974	263.231	6.297	5.569	0.27439	2.76668	5	X
K08M05C	15.8	0.15	K1014	100.270	230.403	115.564	15.379	0.21080	2.72721	2	X
K08M05K	16.3	0.15	K1014	123.788	229.026	53.177	13.171	0.16239	2.81112	2	X
K08M05L	15.1	0.15	K1014	81.290	218.224	125.200	18.219	0.20498	3.10994	3	X
K08M05N	15.1	0.15	K1014	78.166	304.679	30.212	21.242	0.27189	3.21773	2	X
K08N02P	17.0	0.15	K1014	171.428	335.197	292.505	8.864	0.19262	2.30897	3	X
K08N03Z	17.1	0.15	K1014	154.303	200.484	109.216	7.873	0.11887	2.35570	3	X
K08N05C	16.5	0.15	K1014	137.481	201.360	74.551	11.178	0.23505	2.70611	2	X
K08N05D	15.1	0.15	K1014	57.418	258.299	119.263	19.398	0.19213	3.15436	6	X
K08N05E	16.4	0.15	K1014	139.888	191.399	105.694	11.102	0.19648	2.58404	4	X
K08O03L	17.6	0.15	K1014	163.528	151.757	146.376	3.789	0.20834	2.26483	5	X
K08O08A	17.0	0.15	K1014	103.898	188.800	165.253	2.629	0.21217	2.46593	4	X
K08O08E	18.3	0.15	K1014	167.399	50.593	244.815	2.109	0.15079	2.21143	5	X
K08P04C	16.5	0.15	K1014	205.749	332.088	294.684	6.871	0.11140	2.28312	5	X
K08P04U	17.4	0.15	K1014	130.000	282.033	38.597	5.376	0.23166	2.48247	4	X
K08P08D	16.5	0.15	K1014	153.814	14.697	271.451	6.964	0.13694	2.51154	4	X
K08P10Q	17.1	0.15	K1014	118.589	214.518	137.875	5.732	0.22493	2.37913	4	X
K08P13W	16.4	0.15	K1014	81.433	44.716	323.599	8.681	0.23332	2.72498	5	X
K08P15G	17.4	0.15	K1014	100.159	203.863	154.036	3.994	0.18949	2.53519	7	X
K08P17J	16.8	0.15	K1014	121.278	53.206	272.701	11.904	0.21754	2.57638	4	X
K08P18V	15.7	0.15	K1014	43.524	279.269	138.323	25.818	0.28390	3.09229	4	X
K08P20Y	15.5	0.15	K1014	107.865	221.870	92.892	12.954	0.23396	2.90960	3	X
K08P20Z	16.0	0.15	K1014	123.463	261.504	50.145	14.052	0.24757	2.73524	3	X
K08P21C	15.5	0.15	K1014	45.746	28.642	23.829	14.695	0.21397	2.89316	6	X
K08P21D	17.1	0.15	K1014	101.348	229.771	119.181	14.159	0.27614	2.69993	2	X
K08P21H	15.9	0.15	K1014	97.604	219.317	133.743	16.365	0.27791	2.79979	3	X
K08P21K	16.0	0.15	K1014	133.769	268.552	59.975	8.398	0.13133	2.47276	5	X
K08P21M	17.1	0.15	K1014	128.117	241.950	66.559	8.744	0.32840	2.65923	2	X
K08P21N	15.5	0.15	K1014	88.380	229.634	145.578	25.850	0.14178	2.79965	3	X
K08Q04Z	15.8	0.15	K1014	90.089	44.427	343.587	12.700	0.27051	2.68428	4	X
K08Q07U	16.2	0.15	K1014	172.663	143.194	117.096	18.735	0.17804	2.54712	4	X
K08Q09N	17.0	0.15	K1014	113.280	15.731	321.492	1.253	0.20637	2.68526	4	X
K08Q13E	16.4	0.15	K1014	100.378	189.719	168.233	5.289	0.07297	2.73751	7	X
K08Q17N	16.8	0.15	K1014	190.935	300.303	346.653	5.804	0.09998	2.35983	5	X
K08Q18D	15.5	0.15	K1014	91.366	81.450	275.839	12.874	0.24797	3.09945	4	X
K08Q23K	16.2	0.15	K1014	99.305	106.009	215.982	8.273	0.23404	3.12301	4	X
K08Q31C	16.9	0.15	K1014	152.711	58.335	264.565	5.433	0.14997	2.35114	3	X
K08Q32R	15.9	0.15	K1014	87.786	79.487	268.833	8.807	0.08827	2.76958	4	X
K08Q33U	16.7	0.15	K1014	131.636	164.581	161.920	3.277	0.12788	2.65669	6	X
K08Q40Q	17.1	0.15	K1014	241.103	11.009	234.401	2.170	0.05099	2.37206	9	X
K08Q43D	16.5	0.15	K1014	68.004	145.371	255.645	3.008	0.10268	2.80192	5	X
K08Q44J	15.4	0.15	K1014	98.544	260.370	74.373	17.535	0.22029	3.09151	4	X
K08R02D	16.3	0.15	K1014	94.858	216.429	154.484	2.480	0.09289	2.72040	5	X
K08R10C	16.0	0.15	K1014	347.529	61.931	47.785	1.676	0.14576	3.15061	5	X
K08R12N	16.2	0.15	K1014	45.739	268.878	150.709	6.088	0.14014	3.12361	4	X
K08R16B	16.7	0.15	K1014	109.053	109.094	240.153	3.495	0.07708	2.80011	5	X

K08R19F	16.0	0.15	K1014	18.719	221.299	221.298	3.577	0.09836	2.98781	6 X
K08R24H	16.3	0.15	K1014	155.172	79.172	240.437	5.764	0.25039	2.38276	3 X
K08R27X	17.2	0.15	K1014	110.107	261.304	92.626	16.327	0.22842	2.44076	3 X
K08R30C	16.9	0.15	K1014	3.833	136.151	351.453	2.466	0.04476	2.35930	8 X
K08R35C	17.2	0.15	K1014	54.493	220.951	193.033	4.114	0.06774	2.75496	4 X
K08R40N	17.4	0.15	K1014	123.404	151.660	183.181	4.286	0.07691	2.80726	3 X
K08R41C	17.3	0.15	K1014	332.173	329.144	180.157	4.330	0.02807	2.52763	4 X
K08R44B	17.1	0.15	K1014	32.983	273.277	168.441	2.281	0.06800	2.70214	5 X
K08R46B	17.9	0.15	K1014	200.595	129.190	142.766	1.481	0.16732	2.35597	5 X
K08R51D	17.3	0.15	K1014	299.870	284.772	249.619	4.098	0.06325	2.37313	4 X
K08R57K	17.3	0.15	K1014	129.253	147.175	183.359	3.407	0.20475	2.60242	7 X
K08R65R	16.6	0.15	K1014	98.803	223.713	143.896	4.225	0.22088	2.69491	4 X
K08R68U	16.2	0.15	K1014	52.444	7.586	51.065	5.900	0.05324	2.78752	3 X
K08R69R	17.0	0.15	K1014	37.693	224.215	204.939	4.510	0.09743	2.71755	5 X
K08R72M	17.2	0.15	K1014	98.911	210.442	165.747	6.651	0.12187	2.41561	4 X
K08R74B	16.8	0.15	K1014	106.357	180.592	179.201	4.165	0.16629	2.60949	5 X
K08R77K	16.4	0.15	K1014	154.600	321.535	344.676	1.598	0.13614	2.73726	6 X
K08R79O	16.2	0.15	K1014	83.798	345.489	27.105	5.679	0.17681	2.75159	4 X
K08R84C	16.7	0.15	K1014	39.095	169.227	252.318	2.544	0.09728	2.70823	6 X
K08R86R	16.5	0.15	K1014	106.101	27.191	319.358	9.204	0.11291	3.01597	4 X
K08R95K	16.9	0.15	K1014	109.952	132.111	227.865	4.272	0.12016	2.45551	4 X
K08RA7H	16.4	0.15	K1014	146.348	172.572	144.153	7.478	0.27052	2.64749	5 X
K08RA9B	17.2	0.15	K1014	196.968	262.251	9.518	4.905	0.11369	2.57076	4 X
K08RB0B	16.5	0.15	K1014	54.218	193.347	201.087	3.145	0.07726	3.10108	5 X
K08RB1Y	17.2	0.15	K1014	340.364	185.282	341.692	4.922	0.13867	2.34182	4 X
K08RC7R	17.3	0.15	K1014	27.383	96.711	345.428	4.640	0.10549	2.66429	4 X
K08RD1Z	16.0	0.15	K1014	86.327	254.177	115.028	5.078	0.12182	2.80177	5 X
K08S04E	16.3	0.15	K1014	90.256	274.746	112.490	3.360	0.15117	2.65587	7 X
K08S09G	17.5	0.15	K1014	161.516	106.133	207.658	3.574	0.19067	2.29118	5 X
K08S11J	17.5	0.15	K1014	217.813	301.509	341.612	7.076	0.12509	2.23232	4 X
K08S23A	17.3	0.15	K1014	49.634	88.871	338.208	3.099	0.15490	2.62947	4 X
K08S24O	16.7	0.15	K1014	67.821	25.116	357.570	5.669	0.22574	3.07630	3 X
K08S26E	17.7	0.15	K1014	201.817	115.125	162.824	6.702	0.11686	2.33965	5 X
K08S27L	17.2	0.15	K1014	54.131	230.650	188.597	2.604	0.07401	2.76697	4 X
K08S32W	16.2	0.15	K1014	79.543	88.534	293.184	5.231	0.06304	3.00504	5 X
K08S33U	16.7	0.15	K1014	55.167	241.245	165.356	3.271	0.17644	2.69745	6 X
K08S35C	15.8	0.15	K1014	129.681	154.201	185.486	4.215	0.07721	2.78310	7 X
K08S38K	16.0	0.15	K1014	66.454	233.200	177.402	4.447	0.06443	2.79156	6 X
K08S42T	16.6	0.15	K1014	24.583	254.527	205.136	5.034	0.01389	2.69042	6 X
K08S43F	16.7	0.15	K1014	31.626	276.778	157.196	1.183	0.18030	3.07676	4 X
K08S48K	17.3	0.15	K1014	328.312	315.613	212.291	2.040	0.21772	2.38133	5 X
K08S60S	16.2	0.15	K1014	151.943	4.667	310.590	13.880	0.21093	2.62160	4 X
K08S67Y	17.2	0.15	K1014	187.008	143.684	154.807	5.531	0.17476	2.30220	5 X
K08S70F	17.0	0.15	K1014	102.178	21.880	356.070	6.256	0.13762	2.43057	4 X
K08S70J	16.9	0.15	K1014	263.004	122.638	86.871	2.701	0.01898	2.82871	3 X
K08S81X	16.1	0.15	K1014	42.787	85.018	16.018	6.576	0.13242	2.69921	6 X
K08S82U	15.0	0.15	K1014	98.361	63.756	287.493	11.879	0.28692	3.07219	3 X
K08S84S	17.1	0.15	K1014	126.257	111.312	244.487	5.249	0.04461	2.67254	5 X
K08S86F	17.1	0.15	K1014	299.431	294.262	258.680	6.171	0.05868	2.41764	6 X
K08S86Y	17.3	0.15	K1014	56.021	162.727	258.738	5.216	0.10661	2.79825	4 X
K08S97J	16.1	0.15	K1014	331.820	217.715	292.053	2.270	0.03288	2.77656	5 X
K08S97O	16.3	0.15	K1014	203.419	266.583	358.634	5.364	0.03409	2.92160	5 X
K08S99J	16.6	0.15	K1014	174.596	161.907	139.985	3.996	0.07253	2.76584	6 X
K08S99P	17.0	0.15	K1014	13.011	74.681	60.086	6.344	0.09788	2.55563	4 X
K08SA2O	16.0	0.15	K1014	322.477	328.803	201.803	3.387	0.02325	2.80225	5 X
K08SA5G	16.3	0.15	K1014	88.019	347.738	50.340	2.803	0.07059	2.85544	6 X
K08SA6F	16.9	0.15	K1014	235.086	60.710	193.315	2.891	0.11835	2.56310	6 X
K08SA7G	16.3	0.15	K1014	123.664	243.174	103.564	16.547	0.11490	2.43494	5 X
K08SC7D	15.4	0.15	K1014	46.044	184.934	218.862	4.441	0.26156	3.97713	4 X
K08SC9T	16.2	0.15	K1014	102.503	114.777	257.009	2.916	0.06131	3.04937	6 X
K08SD5T	16.5	0.15	K1014	53.400	264.566	140.245	5.184	0.07420	2.79984	6 X
K08SE6E	17.2	0.15	K1014	270.573	294.948	281.184	5.584	0.07795	2.38230	6 X
K08SE9V	16.6	0.15	K1014	328.713	202.015	326.304	6.260	0.07965	2.40189	6 X
K08SF3K	16.5	0.15	K1014	73.498	226.418	151.681	3.231	0.13068	3.02676	5 X
K08SF5D	15.9	0.15	K1014	24.256	339.069	104.132	3.240	0.04081	2.89050	3 X
K08SF9H	15.9	0.15	K1014	71.805	163.439	220.804	4.541	0.17728	3.13741	5 X
K08SG7G	16.1	0.15	K1014	113.274	307.086	60.403	4.016	0.15962	2.68323	4 X
K08SH4B	15.9	0.15	K1014	91.994	91.256	286.654	13.294	0.12358	2.68861	3 X
K08SH6L	17.1	0.15	K1014	141.151	284.331	38.859	5.348	0.21006	2.60644	4 X
K08SH7A	16.6	0.15	K1014	136.551	197.482	135.723	6.460	0.14345	2.71301	4 X
K08SI0W	16.8	0.15	K1014	27.660	257.722	198.037	3.919	0.13192	3.04428	6 X
K08SI6U	16.3	0.15	K1014	278.301	303.874	252.507	3.891	0.06468	2.85374	4 X
K08SI7S	15.5	0.15	K1014	78.098	152.827	231.827	4.215	0.14497	3.16938	4 X
K08SJ0Z	16.9	0.15	K1014	194.569	52.484	231.283	3.849	0.15289	2.33090	7 X
K08SJ2F	15.9	0.15	K1014	314.210	359.432	171.151	6.375	0.01302	2.77105	5 X
K08SJ6B	15.6	0.15	K1014	32.455	241.540	185.803	2.071	0.11525	3.97774	3 X
K08SJ6X	16.8	0.15	K1014	160.643	134.978	193.198	5.309	0.02476	2.73978	4 X
K08SK6F	17.1	0.15	K1014	328.116	117.950	72.921	7.372	0.12789	2.43640	5 X
K08SL8G	16.4	0.15	K1014	153.638	0.141	332.291	9.111	0.22363	2.52346	4 X
K08SL9O	16.0	0.15	K1014	94.799	12.136	340.923	4.768	0.15830	3.09598	6 X
K08SM0C	16.2	0.15	K1014	89.124	157.886	209.019	4.116	0.17598	3.01227	4 X
K08SM3M	18.4	0.15	K1014	232.639	35.793	219.732	4.971	0.16477	2.20928	5 X
K08SM4S	16.4	0.15	K1014	267.881	347.163	226.273	3.891	0.05178	2.75654	7 X
K08SO4R	16.3	0.15	K1014	117.204	194.823	163.238	6.550	0.06188	2.68059	6 X
K08SP5C	16.1	0.15	K1014	185.457	137.319	153.051	7.270	0.05164	2.75534	5 X

K08SP9W	16.3	0.15	K1014	106.689	126.115	248.085	5.247	0.03480	2.71402	5 X
K08SQ6K	17.0	0.15	K1014	135.861	122.854	222.086	5.217	0.01217	2.76124	6 X
K08SR2L	16.9	0.15	K1014	192.567	51.691	236.154	3.592	0.08229	2.81060	5 X
K08SR4S	16.8	0.15	K1014	359.888	247.509	220.267	2.965	0.00711	2.80343	7 X
K08SS5P	15.8	0.15	K1014	12.046	189.407	273.503	4.054	0.12688	3.19026	5 X
K08SS5T	16.8	0.15	K1014	330.453	270.793	242.211	3.143	0.08132	2.79389	3 X
K08ST1O	16.4	0.15	K1014	119.514	81.228	259.150	5.303	0.07033	2.73278	3 X
K08T01N	16.5	0.15	K1014	72.555	109.098	284.487	12.301	0.20030	2.74071	4 X
K08T03R	15.6	0.15	K1014	89.337	137.696	226.571	4.295	0.13225	3.17894	4 X
K08T06C	16.3	0.15	K1014	97.859	173.654	207.692	2.701	0.12985	2.75522	5 X
K08T18S	17.0	0.15	K1014	118.008	120.351	238.907	0.829	0.13376	2.95334	3 X
K08T21L	17.1	0.15	K1014	201.087	266.709	29.701	3.588	0.06367	2.55913	4 X
K08T24Q	16.6	0.15	K1014	342.160	229.808	266.997	0.753	0.01966	2.74165	7 X
K08T27S	16.2	0.15	K1014	94.212	147.266	214.832	2.378	0.09927	3.05997	4 X
K08T29Y	16.0	0.15	K1014	71.506	191.856	190.397	5.277	0.12932	3.12628	4 X
K08T37X	17.5	0.15	K1014	286.953	216.422	349.180	4.466	0.15303	2.35382	4 X
K08T38D	17.2	0.15	K1014	111.698	144.215	224.482	3.751	0.07065	2.58103	5 X
K08T41Q	16.1	0.15	K1014	63.399	75.609	329.570	9.883	0.07856	3.06043	4 X
K08T50V	16.7	0.15	K1014	48.757	251.606	173.599	2.014	0.06977	2.92630	4 X
K08T51H	16.2	0.15	K1014	66.316	223.123	184.569	5.765	0.15924	2.98913	4 X
K08T53R	17.1	0.15	K1014	222.317	82.216	167.938	4.246	0.09738	2.67468	5 X
K08T62S	16.4	0.15	K1014	226.150	38.457	217.816	4.029	0.05974	2.67084	5 X
K08T64T	13.8	0.15	K1014	314.837	108.930	342.844	3.617	0.11808	5.25431	4 X
K08T71R	16.1	0.15	K1014	26.762	25.321	89.081	4.868	0.05673	2.66432	7 X
K08T86T	16.7	0.15	K1014	130.648	121.505	228.592	5.323	0.05685	2.69653	5 X
K08T99R	17.0	0.15	K1014	337.846	119.563	48.686	1.947	0.12521	2.38249	6 X
K08TB7S	16.9	0.15	K1014	281.715	222.008	12.786	4.265	0.11452	2.29425	5 X
K08TB8B	16.2	0.15	K1014	155.488	111.955	216.281	5.676	0.12470	2.67022	6 X
K08TC3X	16.4	0.15	K1014	53.343	186.467	225.559	2.270	0.01701	2.93269	5 X
K08TC4Y	16.9	0.15	K1014	65.010	161.853	250.008	4.227	0.06290	2.79776	4 X
K08TE6L	17.9	0.15	K1014	209.040	117.138	147.611	1.835	0.16110	2.43140	5 X
K08TE6Q	16.3	0.15	K1014	10.928	312.109	141.855	2.392	0.11110	3.18507	6 X
K08TG2B	17.9	0.15	K1014	299.995	204.126	19.589	5.603	0.11598	2.28896	4 X
K08TG3T	16.6	0.15	K1014	150.651	45.653	281.221	0.960	0.06191	2.85579	6 X
K08TG4K	14.9	0.15	K1014	41.687	280.856	148.437	17.903	0.25054	3.93457	4 X
K08TG5F	16.1	0.15	K1014	65.431	176.676	238.659	4.722	0.10487	3.10906	4 X
K08TG5T	15.6	0.15	K1014	34.097	282.762	159.132	7.511	0.11055	3.06598	5 X
K08TG8A	15.2	0.15	K1014	81.683	266.095	115.205	12.484	0.06597	3.09081	5 X
K08U04H	15.4	0.15	K1014	107.546	260.390	132.465	11.133	0.16376	2.66326	4 X
K08U08A	16.6	0.15	K1014	294.730	328.086	207.410	3.769	0.02023	2.70861	5 X
K08U11Y	17.1	0.15	K1014	156.461	23.852	287.511	1.599	0.11151	2.64159	6 X
K08U21K	16.4	0.15	K1014	23.031	241.296	215.285	4.914	0.04002	2.95628	5 X
K08U38D	16.5	0.15	K1014	199.388	295.288	2.556	2.412	0.05582	2.74280	5 X
K08U41Q	16.5	0.15	K1014	212.460	251.858	34.327	3.683	0.05541	2.73200	6 X
K08U45B	15.6	0.15	K1014	93.607	129.174	232.725	3.920	0.11752	3.24250	4 X
K08U46A	16.0	0.15	K1014	311.942	278.131	264.928	6.885	0.03592	3.17426	3 X
K08U50A	16.8	0.15	K1014	183.957	82.386	208.871	3.607	0.08183	2.79342	4 X
K08U58J	16.3	0.15	K1014	152.149	168.001	142.793	4.006	0.11231	3.11714	5 X
K08U61Z	15.7	0.15	K1014	152.725	68.574	260.022	4.752	0.03495	3.10535	4 X
K08U68X	16.1	0.15	K1014	13.342	311.197	159.198	7.755	0.02717	2.78636	7 X
K08U75K	14.8	0.15	K1014	48.347	131.497	296.518	3.696	0.14952	3.99925	3 X
K08U79N	16.2	0.15	K1014	125.293	0.363	344.665	5.269	0.08775	2.96170	6 X
K08U80P	15.2	0.15	K1014	99.713	105.136	272.238	7.792	0.08370	3.17004	4 X
K08U95V	16.0	0.15	K1014	68.728	299.450	116.469	6.360	0.09247	2.76670	7 X
K08UB2A	16.7	0.15	K1014	315.999	189.857	11.495	7.244	0.05028	2.37718	4 X
K08UF1O	16.1	0.15	K1014	154.286	80.498	233.614	5.402	0.18209	3.16074	4 X
K08UF5B	16.9	0.15	K1014	5.837	289.324	196.367	3.255	0.04536	2.81113	7 X
K08UF6N	16.9	0.15	K1014	148.777	260.553	45.565	2.332	0.26044	2.68460	7 X
K08UG1P	16.3	0.15	K1014	15.749	245.979	217.120	3.043	0.04396	2.72326	5 X
K08UG8N	15.8	0.15	K1014	244.007	167.776	65.406	6.494	0.11670	3.16326	6 X
K08UI1L	17.1	0.15	K1014	309.713	351.651	196.472	5.031	0.08247	2.71614	6 X
K08UJ6R	15.7	0.15	K1014	254.527	90.769	131.691	2.964	0.08272	3.16480	5 X
K08UK1U	16.2	0.15	K1014	176.315	289.737	31.385	2.790	0.14251	2.52694	8 X
K08UK9J	14.3	0.15	K1014	44.501	98.238	291.100	1.270	0.10421	5.10824	2 X
K08UL1Q	16.4	0.15	K1014	177.470	118.534	185.965	3.700	0.04624	2.73633	6 X
K08UQ7K	17.3	0.15	K1014	162.049	272.964	27.121	6.883	0.23476	2.22400	3 X
K08UR7T	16.8	0.15	K1014	353.068	126.864	35.448	6.529	0.18596	2.65952	4 X
K08UR7X	16.2	0.15	K1014	46.234	34.474	44.454	2.535	0.11982	3.08016	6 X
K08UU8E	16.0	0.15	K1014	22.318	115.444	15.058	9.983	0.00290	2.55992	4 X
K08UV5Z	16.0	0.15	K1014	130.617	78.313	265.680	4.998	0.07557	2.90339	4 X
K08UV9S	15.6	0.15	K1014	284.013	301.022	256.734	9.886	0.10329	3.06230	5 X
K08UW1C	17.1	0.15	K1014	9.546	132.555	7.737	7.580	0.13013	2.57588	4 X
K08UW2M	16.6	0.15	K1014	24.426	162.570	291.842	4.963	0.01928	2.91488	5 X
K08UZ3P	16.5	0.15	K1014	102.247	290.218	92.391	2.227	0.10244	3.03659	4 X
K08UZ3W	15.8	0.15	K1014	225.738	129.996	134.096	1.784	0.13210	3.11385	5 X
K08UZ8J	15.9	0.15	K1014	274.691	311.512	270.980	7.603	0.09796	3.01063	4 X
K08UZ8S	15.0	0.15	K1014	94.032	230.854	150.185	18.893	0.14951	3.22006	6 X
K08V03E	15.2	0.15	K1014	137.171	357.747	336.727	8.766	0.06672	3.13812	6 X
K08V27H	16.9	0.15	K1014	221.741	16.336	257.789	5.048	0.08053	2.67470	7 X
K08V29X	16.4	0.15	K1014	213.468	332.623	307.002	5.358	0.03132	2.87761	5 X
K08V70F	16.3	0.15	K1014	226.401	356.130	253.648	4.185	0.10954	2.76767	4 X
K08W00Q	16.8	0.15	K1014	329.439	279.207	251.758	2.442	0.13512	2.76029	6 X
K08W04F	16.7	0.15	K1014	135.782	336.756	14.800	3.980	0.10504	2.73629	3 X
K08W04H	16.1	0.15	K1014	270.472	278.900	290.101	2.340	0.06324	3.14975	7 X
K08W19F	15.9	0.15	K1014	150.761	66.122	254.155	6.474	0.11057	3.00085	4 X

K08W27E	15.3	0.15	K1014	285.265	323.415	249.877	6.234	0.09672	3.08530	4	X
K08W34A	16.7	0.15	K1014	252.549	18.202	225.209	3.317	0.04357	2.68595	6	X
K08W78Y	16.3	0.15	K1014	222.041	175.794	110.501	6.231	0.16944	2.56703	6	X
K08W81X	16.7	0.15	K1014	269.863	150.525	102.272	7.349	0.05389	2.60796	6	X
K08W87B	16.9	0.15	K1014	289.256	164.570	64.992	7.644	0.06685	2.36036	3	X
K08WA1O	16.3	0.15	K1014	114.752	13.318	20.552	5.643	0.07989	2.68415	6	X
K08X07R	16.2	0.15	K1014	37.333	263.438	183.699	3.027	0.12181	3.19098	6	X
K08Y32Z	20.2	0.15	K1014	59.197	224.375	105.288	16.553	0.62059	1.03745	2	X
K09B17T	16.6	0.15	K1014	260.408	189.628	72.626	7.360	0.08745	2.37121	6	X
K09O24P	16.1	0.15	K1014	13.771	254.999	93.826	10.063	0.18499	2.74994	5	X
K09O24Q	17.4	0.15	K1014	32.893	74.043	249.838	1.078	0.19205	2.73510	2	X
K09O24S	17.6	0.15	K1014	42.550	195.737	139.827	7.664	0.15073	2.25788	3	X
K09O24V	15.0	0.15	K1014	6.611	82.674	276.690	9.191	0.08971	3.18281	3	X
K09P08Y	17.5	0.15	K1014	55.256	319.717	356.164	6.620	0.19556	2.22836	6	X
K09P11R	16.9	0.15	K1014	51.524	340.172	340.446	5.261	0.18771	2.35961	3	X
K09P15X	16.0	0.15	K1014	51.875	335.966	348.244	8.254	0.08057	3.16175	4	X
K09P19J	17.8	0.15	K1014	99.849	112.711	148.919	6.468	0.17807	2.29776	4	X
K09P19K	17.5	0.15	K1014	89.046	31.250	244.322	0.403	0.21401	2.42570	2	X
K09P19M	17.0	0.15	K1014	16.573	180.138	180.768	1.907	0.08173	2.87103	4	X
K09Q26C	17.6	0.15	K1014	25.558	65.141	293.080	3.931	0.19136	2.24659	4	X
K09Q41W	16.6	0.15	K1014	26.101	179.700	155.460	12.440	0.25045	2.97863	2	X
K09Q56Z	15.7	0.15	K1014	16.778	3.972	1.275	11.155	0.10360	3.07790	3	X
K09Q57Z	15.8	0.15	K1014	15.799	349.815	3.916	4.827	0.12286	3.18590	4	X
K09Q58A	16.2	0.15	K1014	318.611	248.442	175.330	11.359	0.13422	3.09139	5	X
K09Q58D	16.3	0.15	K1014	326.865	273.226	154.087	7.837	0.08821	2.38700	6	X
K09Q58L	16.9	0.15	K1014	166.504	206.266	9.110	13.114	0.06565	2.57458	2	X
K09Q58R	17.4	0.15	K1014	126.513	324.559	257.514	3.450	0.13311	2.56839	5	X
K09SA0Y	15.4	0.15	K1014	314.544	212.473	219.661	13.796	0.06039	3.43357	5	X
K09SL5V	13.8	0.15	K1014	338.314	231.910	172.188	3.102	0.06572	5.14035	5	X
K09SM5H	16.5	0.15	K1014	359.419	54.989	332.646	4.949	0.02280	2.68985	3	X
K09SO5C	16.6	0.15	K1014	8.727	5.041	35.928	14.364	0.14109	2.74042	2	X
K09SP8U	15.9	0.15	K1014	334.845	225.543	271.582	11.360	0.06656	2.77616	6	X
K09SS5E	17.0	0.15	K1014	332.502	63.185	359.698	8.935	0.07579	2.45335	2	X
K09SZ2Q	15.2	0.15	K1014	343.936	213.940	274.146	17.117	0.05425	3.09986	4	X
K09T26F	17.1	0.15	K1014	68.295	267.379	50.575	5.910	0.24906	2.39933	3	X
K09U18V	15.7	0.15	K1014	357.419	62.684	86.815	8.342	0.63255	3.17718	2	X
K09U37P	15.9	0.15	K1014	153.648	202.720	55.221	13.844	0.21497	2.59930	5	X
K09UC8Y	15.4	0.15	K1014	97.584	260.259	47.716	13.820	0.15158	3.07568	5	X
K09UD0D	16.1	0.15	K1014	35.258	317.031	61.150	13.235	0.28697	3.09630	2	X
K09UE6O	17.3	0.15	K1014	69.679	137.230	218.618	3.547	0.08113	2.77467	2	X
K09UE6Q	16.1	0.15	K1014	297.171	95.344	59.197	14.557	0.11406	3.06100	3	X
K09V23S	16.5	0.15	K1014	109.447	254.258	55.198	13.459	0.19651	2.52343	2	X
K09V24F	16.6	0.15	K1014	110.308	271.555	36.937	5.177	0.20817	2.59694	6	X
K09V39A	16.7	0.15	K1014	347.939	41.889	54.323	10.797	0.12840	2.55240	3	X
K09V39B	16.3	0.15	K1014	9.161	8.702	60.294	13.322	0.15641	2.61624	3	X
K09V55A	16.5	0.15	K1014	92.095	63.960	268.558	11.551	0.18770	3.01813	2	X
K09V64J	16.5	0.15	K1014	41.669	296.754	89.598	6.200	0.21901	2.62605	2	X
K09V81H	15.1	0.15	K1014	61.812	268.256	82.859	17.194	0.15846	3.11004	5	X
K09V88Q	16.3	0.15	K1014	162.603	336.251	304.833	4.585	0.03589	2.85826	6	X
K09V95G	17.4	0.15	K1014	43.837	333.009	54.446	2.207	0.18903	2.36598	4	X
K09W08L	16.6	0.15	K1014	346.620	106.305	357.753	5.831	0.26340	3.14236	3	X
K09W24Q	18.7	0.15	K1014	41.835	317.500	61.001	9.495	0.23832	2.27208	2	X
K09W41B	17.1	0.15	K1014	332.662	51.036	71.361	2.297	0.15443	2.73038	4	X
K09W51K	15.5	0.15	K1014	77.299	280.467	70.114	11.596	0.13334	3.05755	4	X
K09W77F	16.7	0.15	K1014	71.365	323.575	26.543	5.932	0.16857	2.59354	5	X
K09W80Q	17.0	0.15	K1014	93.412	9.703	323.672	3.356	0.16938	2.48009	4	X
K09WG5Q	17.3	0.15	K1014	18.600	358.312	64.172	6.471	0.17831	2.53344	2	X
K09WG6E	15.9	0.15	K1014	149.430	28.408	265.906	3.100	0.03026	2.99666	6	X
K09WH8T	16.5	0.15	K1014	52.966	354.792	20.162	5.667	0.08581	2.88104	3	X
K09WI2J	15.0	0.15	K1014	200.953	333.729	273.397	14.983	0.15401	3.11141	4	X
K09WI3M	17.6	0.15	K1014	56.146	281.529	97.874	8.150	0.12662	2.60209	2	X
K09WN7E	15.4	0.15	K1014	292.624	302.481	200.496	7.888	0.02393	2.92996	7	X
K09WO7Z	15.9	0.15	K1014	14.906	353.347	75.199	10.611	0.10450	2.87734	3	X
K09WO9R	15.5	0.15	K1014	29.838	130.604	314.316	33.336	0.31651	2.56590	4	X
K09WP4J	16.1	0.15	K1014	354.920	14.933	82.924	5.456	0.03200	2.78267	4	X
K09X02K	17.1	0.15	K1014	345.049	222.502	268.160	5.363	0.10153	2.23431	4	X
K09X09H	18.0	0.15	K1014	30.086	55.322	349.131	4.844	0.12912	2.22254	4	X
K09X11J	16.1	0.15	K1014	135.694	218.944	101.790	13.577	0.14353	2.77165	4	X
K09X14P	17.7	0.15	K1014	40.947	156.519	264.933	3.824	0.06670	2.14011	6	X
K09X22A	14.9	0.15	K1014	354.444	26.335	86.087	12.356	0.06044	3.00446	5	X
K09X22P	15.5	0.15	K1014	42.137	141.011	287.606	11.885	0.09093	3.04456	3	X
K09Y13R	17.6	0.15	K1014	354.397	33.512	85.212	5.318	0.21280	2.42620	3	X
K09Y14S	17.6	0.15	K1014	287.507	147.400	50.867	2.883	0.14254	2.40310	5	X
K09Y19X	16.6	0.15	K1014	21.816	329.671	119.013	5.118	0.14916	3.13541	3	X
K09Y20T	17.1	0.15	K1014	213.330	179.440	80.579	6.965	0.07493	2.35773	3	X
K09Y21P	16.4	0.15	K1014	10.425	95.255	2.041	3.083	0.14867	2.76944	5	X
T3S1062	16.1	0.15	K1014	101.642	62.270	268.147	6.230	0.14406	2.30987	5	X

New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K09R01V	21.9	0.15	K1014	12.851	56.292	2.201	1.899	0.63702	2.69826	118	X
K09S00W	22.1	0.15	K1014	22.341	203.871	191.085	6.986	0.43710	2.01958	111	X
K09U03N	17.7	0.15	K1014	354.615	338.794	142.020	37.417	0.57620	2.32866	81	X
K09U18W	19.6	0.15	K1014	112.875	59.767	227.298	16.991	0.43893	1.27897	75	X
K09X00D	18.7	0.15	K1014	347.628	269.259	256.037	31.469	0.67450	2.44823	33	X

K09X000	20.5	0.15	K1014	342.667	140.616	27.688	0.358	0.54361	1.85673	30 X
K09X02R	19.0	0.15	K1014	33.528	131.001	271.549	26.723	0.28913	1.49152	27 X
K10A00E	19.3	0.15	K1014	310.460	270.426	294.680	16.048	0.37867	1.49417	3 X
K10A00K	19.2	0.15	K1014	56.480	68.463	293.821	11.529	0.46769	1.71437	2 X
K10A00L	22.2	0.15	K1014	346.107	34.020	110.594	9.573	0.40638	1.77574	2 X
K10A02L	26.5	0.15	K1014	351.217	20.733	106.184	7.506	0.43052	1.75350	1 X
K10A02M	23.6	0.15	K1014	35.810	323.326	45.851	1.300	0.52527	1.48464	1 X
K10A02N	22.2	0.15	K1014	318.146	270.590	291.494	8.449	0.48525	1.64823	1 X
K10A02O	22.4	0.15	K1014	244.639	322.568	290.089	20.503	0.35425	1.01947	1 X

New one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K01TP2L	16.1	0.15	K01AI	89.286	90.874	185.699	17.346	0.11010	3.09241	10 X	
K01TP2R	18.3	0.15	K019S	344.213	349.140	49.111	5.923	0.23724	2.68128	14 X	
K04M07Y	18.0	0.15	K0460	345.796	197.984	107.989	3.421	0.23164	2.36311	22 X	
K04P52A	16.7	0.15	K0483	353.384	224.513	105.424	5.194	0.24540	2.63731	15 X	
K04P97G	16.7	0.15	K0483	340.322	2.638	342.808	12.787	0.20036	2.70835	26 X	
K04PB7R	16.9	0.15	K048N	8.088	223.649	91.143	7.056	0.28440	2.68880	28 X	
K04PB7S	15.3	0.15	K0483	346.117	227.744	118.844	25.856	0.20761	3.12049	25 X	
K04RO8W	16.3	0.15	K04AM	359.964	95.717	293.807	15.678	0.33620	2.74881	80 X	
K04RZ7C	16.2	0.15	K049C	0.579	299.253	44.817	14.391	0.30292	3.15122	23 X	
K04TR1B	16.0	0.15	K04AM	351.473	9.802	38.443	18.117	0.20193	3.15518	41 X	
K04TX3G	15.2	0.15	K04AM	82.573	272.572	43.698	11.316	0.05316	3.15762	41 X	
K04XG9Y	15.9	0.15	K04BB	353.962	334.527	96.152	9.988	0.27814	3.18319	44 X	
K05G97H	16.4	0.15	K055A	353.082	248.880	343.269	14.979	0.40435	3.45401	87 X	
K05M43S	16.0	0.15	K056J	327.339	22.933	301.146	16.821	0.16060	2.52299	27 X	
K05M44G	15.9	0.15	K055U	354.502	2.235	245.110	28.821	0.27343	3.15636	65 X	
K05P29G	15.6	0.15	K057T	346.766	244.394	103.984	17.120	0.22844	3.16347	23 X	
K05VD6M	15.7	0.15	K05CG	228.869	115.611	93.810	11.801	0.13645	2.39447	77 X	
K08D88A	15.2	0.15	K083F	339.520	276.131	293.371	20.773	0.13954	3.16292	35 X	
K08L17Z	16.5	0.15	K086N	358.267	261.134	29.808	7.925	0.24499	2.68413	53 X	
K08M05J	17.9	0.15	K087D	2.569	201.900	106.685	9.177	0.25923	2.44449	55 X	
K08N05B	15.0	0.15	K087D	14.135	180.871	112.564	26.506	0.07516	3.12245	54 X	
K08O23K	17.2	0.15	K0882	324.976	40.977	328.110	9.012	0.25394	2.35798	40 X	
K08P08E	18.0	0.15	K0882	359.891	169.800	146.755	13.151	0.29941	2.33350	24 X	
K08P20X	17.5	0.15	K088M	4.417	233.200	96.165	10.496	0.30049	2.73088	46 X	
K08P21A	18.0	0.15	K089B	9.764	318.782	2.815	13.400	0.31642	2.60406	108 X	
K08P21B	15.1	0.15	K088M	328.316	19.904	355.054	28.463	0.20977	3.18898	59 X	
K08P21E	17.1	0.15	K088M	345.224	253.939	101.242	9.106	0.20667	2.59296	34 X	
K08P21F	16.7	0.15	K088M	357.361	227.760	110.848	9.156	0.29277	2.65754	46 X	
K08P21J	16.6	0.15	K089B	0.085	265.926	80.340	7.704	0.34522	2.84480	82 X	
K08Q44K	16.3	0.15	K089B	3.306	253.039	95.479	14.772	0.32066	2.63840	65 X	
K08UQ4B	17.2	0.15	K089B	334.399	330.909	39.504	5.296	0.18696	2.30254	86 X	
K09Q58Z	16.6	0.15	K0996	48.457	99.207	182.348	6.790	0.24535	3.02318	58 X	
K09R73L	17.1	0.15	K099Q	330.237	229.849	185.374	8.952	0.17720	2.77910	42 X	
K09R73M	17.0	0.15	K09AG	300.930	72.905	9.376	2.011	0.11926	2.85361	87 X	
K09R73N	13.1	0.15	K099Q	223.087	136.293	26.286	20.929	0.02640	5.19649	33 X	
K09R73O	16.4	0.15	K09AG	38.625	320.705	16.535	10.269	0.09534	3.18165	67 X	
K09R73P	16.4	0.15	K099Q	310.704	265.666	193.852	24.238	0.32694	3.17555	39 X	
K09R73Q	19.1	0.15	K099Q	351.227	13.025	13.162	2.800	0.06909	2.28343	42 X	
K09R73R	17.2	0.15	K09AG	345.747	208.621	198.707	2.639	0.13659	3.05904	66 X	
K09R73S	16.5	0.15	K09AG	290.650	87.710	9.625	11.649	0.13022	3.21807	63 X	
K09R73T	16.4	0.15	K09AG	41.407	314.155	9.491	11.867	0.10226	3.19364	63 X	
K09R73U	18.2	0.15	K09AG	1.750	349.807	22.779	6.148	0.23976	2.73338	69 X	
K09R73V	17.3	0.15	K09AG	350.057	10.012	29.318	9.984	0.13579	2.79149	71 X	
K09SD2H	18.0	0.15	K099Q	342.516	272.473	125.806	2.843	0.14670	2.21990	27 X	
K09SD2M	17.9	0.15	K099Q	340.665	233.433	171.193	6.148	0.18569	2.56339	36DX	
K09SZ2V	18.1	0.15	K099Q	9.172	188.016	167.342	3.950	0.18950	2.29467	30 X	
K09SZ2W	17.9	0.15	K09AG	37.727	118.261	202.056	6.653	0.13551	2.29936	68 X	
K09SZ2X	15.8	0.15	K09AG	23.160	318.455	22.460	27.327	0.13297	3.12107	86 X	
K09W10X	15.2	0.15	K09B5	217.652	139.682	59.550	5.063	0.03032	3.21004	110 X	
K09X16P	16.4	0.15	K09CF	8.338	349.430	106.435	16.081	0.09589	2.68298	22 X	
K09Y06H	16.4	0.15	K09BP	64.457	212.977	127.290	6.972	0.17740	2.81141	29 X	
K10A02K	18.5	0.15	K1014	321.237	308.073	290.900	51.632	0.75453	2.49186	2EX	

New observations:

K00EA7B	C2010	01	06.15399105	37	19.62	-11	25	29.7	22.5	V	EA039H21	
K00EA7B	C2010	01	06.17646005	37	18.31	-11	25	25.0	22.1	V	EA039H21	
K02Y02N	C2010	01	08.37990	08	02	52.08	+15	48	48.2	18.1	V	EA039G96
K02Y02N	C2010	01	08.39582	08	02	46.86	+15	48	18.9	18.8	V	EA039G96
K02Y02N	C2010	01	08.40112	08	02	45.13	+15	48	09.2	18.9	V	EA039G96
K03Q05H	C2010	01	08.41606	08	28	09.66	+25	03	43.4	19.9	V	EA039G96
K03Q05H	C2010	01	08.42198	08	28	08.65	+25	03	37.6	19.7	V	EA039G96
K03Q05H	C2010	01	08.42796	08	28	07.68	+25	03	32.0	19.9	V	EA039G96
K03Q05H	C2010	01	08.43384	08	28	06.70	+25	03	26.5	19.8	V	EA039G96
K04X50D	C2010	01	08.77163	09	02	15.22	+28	16	15.1	17.5	V	EA039379
K04X50D	C2010	01	08.77348	09	02	15.37	+28	16	22.6	17.5	V	EA039379
K04X50D	C2010	01	08.77534	09	02	15.51	+28	16	30.1	17.6	V	EA039379
K04X50D	C2010	01	08.78182	09	02	16.08	+28	16	56.0	17.7	V	EA039379
K04X50D	C2010	01	08.79664	09	02	17.31	+28	17	55.3	17.5	V	EA039379
K04X50D	C2010	01	08.80035	09	02	17.65	+28	18	09.9	17.0	V	EA039379
K05M00C	C2010	01	08.74734	08	41	45.34	+04	54	25.6	16.7	V	EA039379
K05M00C	C2010	01	08.74861	08	41	45.06	+04	54	21.9	16.7	V	EA039379
K05M00C	C2010	01	08.75230	08	41	44.31	+04	54	09.9	16.7	V	EA039379
K05M00C	C2010	01	08.75358	08	41	44.06	+04	54	06.1	16.6	V	EA039379

K05M00C	C2010	01	08.75485	08	41	43.80	+04	54	02.4	16.7	V	EA039379
K05M00C	C2010	01	08.75855	08	41	43.05	+04	53	50.4	16.9	V	EA039379
K06U00R	C2010	01	08.72104	08	40	11.68	-00	47	29.1	16.6	V	EA039379
K06U00R	C2010	01	08.72231	08	40	11.83	-00	47	31.8	16.6	V	EA039379
K06U00R	C2010	01	08.72730	08	40	12.39	-00	47	44.3	16.7	V	EA039379
K06U00R	C2010	01	08.72858	08	40	12.55	-00	47	47.5	16.6	V	EA039379
K06U00R	C2010	01	08.73484	08	40	13.25	-00	48	03.2	16.9	V	EA039379
K06U00R	C2010	01	08.73981	08	40	13.85	-00	48	15.0	16.7	V	EA039379
K06U00R	C2010	01	08.74109	08	40	13.98	-00	48	18.7	16.7	V	EA039379
K06U00R	C2010	01	08.74236	08	40	14.15	-00	48	21.7	16.9	V	EA039379
K07M13K	KC2010	01	09.01962	07	25	27.55	+70	02	48.0	16.8	R	EA039J51
K07M13K	KC2010	01	09.02912	07	25	22.04	+70	03	31.3	16.8	R	EA039J51
K07M13K	KC2010	01	09.03862	07	25	16.44	+70	04	14.5	16.8	R	EA039J51
K08Y32Z	C2010	01	08.12160	05	30	54.32	+21	04	18.6	17.4		EA039718
K08Y32Z	C2010	01	08.13276	05	30	52.26	+21	05	14.4	17.3		EA039718
K08Y32Z	C2010	01	08.14326	05	30	50.31	+21	06	05.2	17.0		EA039718
K08Y32Z	C2010	01	08.14584	05	30	49.85	+21	06	19.0	17.4		EA039718
K08Y32Z	C2010	01	08.15453	05	30	48.20	+21	07	01.9	17.4		EA039718
K08Y32Z	C2010	01	08.51220	05	29	48.43	+21	35	33.9	17.2	V	EA039379
K08Y32Z	C2010	01	08.51406	05	29	48.11	+21	35	42.7	17.2	V	EA039379
K08Y32Z	C2010	01	08.51997	05	29	47.06	+21	36	10.2	17.6	V	EA039379
K08Y32Z	C2010	01	08.52183	05	29	46.73	+21	36	18.6	17.6	V	EA039379
K08Y32Z	C2010	01	08.52617	05	29	45.95	+21	36	38.8	17.8	V	EA039379
K08Y32Z	C2010	01	08.52806	05	29	45.60	+21	36	47.7	17.6	V	EA039379
K08Y32Z	C2010	01	08.54407	05	29	42.73	+21	38	01.6	17.5	V	EA039379
K08Y32Z	C2010	01	08.54594	05	29	42.38	+21	38	10.3	17.8	V	EA039379
K08Y32Z	C2010	01	08.54782	05	29	42.06	+21	38	19.3	17.9	V	EA039379
K09R01V	HC2010	01	08.43282	11	15	32.06	+09	39	37.3			EA039291
K09R01V	HC2010	01	08.44328	11	15	31.60	+09	39	37.8			EA039291
K09R01V	HC2010	01	08.45388	11	15	31.00	+09	39	40.5			EA039291
K09S00W	C2010	01	06.10056104	23	20.56	+00	03	02.2		22.3	V	EA039H21
K09S00W	C2010	01	06.12692004	23	23.12	+00	03	34.8		22.4	V	EA039H21
K09U03N	KC2010	01	08.49015	05	41	10.43	-74	45	37.2	17.8	V	EA039E18
K09U03N	KC2010	01	08.50021	05	41	11.74	-74	45	40.0	17.8	V	EA039E18
K09U03N	KC2010	01	08.50939	05	41	12.81	-74	45	41.2	17.8	V	EA039E18
K09U18V	C2010	01	08.83992	13	21	02.00	+05	11	56.8	18.9	V	EA039379
K09U18V	C2010	01	08.84641	13	21	03.63	+05	11	50.3			EA039379
K09U18V	C2010	01	08.85473	13	21	05.72	+05	11	43.1			EA039379
K09U18W	C2010	01	06.04794103	01	21.61	+02	17	08.4		22.6	V	EA039H21
K09U18W	C2010	01	06.05956703	01	21.92	+02	17	10.3		22.3	V	EA039H21
K09U18W	C2010	01	06.07499103	01	22.34	+02	17	12.9		22.4	V	EA039H21
K09X00D	KC2010	01	09.11191	02	41	04.34	-38	24	16.3	19.1	C	EA039I20
K09X00D	KC2010	01	09.12392	02	41	01.36	-38	25	25.9	19.0	C	EA039I20
K09X00D	KC2010	01	09.13754	02	40	57.99	-38	26	45.1	18.9	C	EA039I20
K09X00O	KC2010	01	08.33967	12	27	48.74	+01	52	28.0	17.7	C	EA039I20
K09X00O	KC2010	01	08.34796	12	27	59.40	+01	51	17.2	17.9	C	EA039I20
K09X00O	JC2010	01	08.46569812	30	36.48	+01	32	23.6				EA039695
K09X00O	JC2010	01	08.46636812	30	37.34	+01	32	17.8				EA039695
K09X00O	JC2010	01	08.46693912	30	38.08	+01	32	12.9				EA039695
K09X00O	JC2010	01	08.46752012	30	38.83	+01	32	08.0				EA039695
K09X00O	C2010	01	08.48539	12	31	01.84	+01	29	32.1	18.0	V	EA039703
K09X00O	C2010	01	08.49003	12	31	07.82	+01	28	52.5	18.1	V	EA039703
K09X00O	C2010	01	08.49465	12	31	13.80	+01	28	12.9	18.2	V	EA039703
K09X00O	JC2010	01	08.55910812	32	37.09	+01	18	56.7		18.6	C	EA039695
K09X00O	JC2010	01	08.55976412	32	37.93	+01	18	51.0		18.5	C	EA039695
K09X00O	JC2010	01	08.56034812	32	38.67	+01	18	46.0		18.7	C	EA039695
K09X00O	JC2010	01	08.56092412	32	39.43	+01	18	41.1		18.5	C	EA039695
K09X00O	C2010	01	08.56640	12	32	46.39	+01	17	52.6	18.1	V	EA039G96
K09X00O	C2010	01	08.56669	12	32	46.78	+01	17	50.2	18.1	V	EA039G96
K09X00O	C2010	01	08.56699	12	32	47.14	+01	17	47.6	18.1	V	EA039G96
K09X00O	C2010	01	08.56729	12	32	47.54	+01	17	44.9	18.2	V	EA039G96
K09X00O	C2010	01	08.56781	12	32	48.22	+01	17	39.9	17.5	V	EA039G96
K09X00O	C2010	01	08.56810	12	32	48.58	+01	17	38.2	18.1	V	EA039G96
K09X00O	C2010	01	08.56840	12	32	48.98	+01	17	35.7	17.8	V	EA039G96
K09X00O	C2010	01	08.56868	12	32	49.34	+01	17	33.0	17.7	V	EA039G96
K09X00O	C2010	01	08.56946	12	32	50.31	+01	17	26.1	17.6	V	EA039G96
K09X00O	C2010	01	08.56976	12	32	50.74	+01	17	23.6	18.1	V	EA039G96
K09X00O	C2010	01	08.57001	12	32	51.03	+01	17	21.5	18.2	V	EA039G96
K09X00O	JC2010	01	08.57015912	32	51.33	+01	17	21.4		18.3	C	EA039695
K09X00O	C2010	01	08.57031	12	32	51.43	+01	17	18.6	18.1	V	EA039G96
K09X00O	JC2010	01	08.57181812	32	53.48	+01	17	06.9		18.6	C	EA039695
K09X00O	JC2010	01	08.57306412	32	55.09	+01	16	56.3		18.5	C	EA039695
K09X00O	JC2010	01	08.57416212	32	56.47	+01	16	46.6		18.5	C	EA039695
K09X02R	C2010	01	08.62164	05	38	47.40	-05	06	24.6	17.6	V	EA039379
K09X02R	C2010	01	08.62350	05	38	47.29	-05	06	31.1	17.2	V	EA039379
K09X02R	C2010	01	08.62998	05	38	47.03	-05	06	53.7	17.5	V	EA039379
K09X02R	C2010	01	08.63368	05	38	46.84	-05	07	06.5	17.4	V	EA039379
K09X02R	C2010	01	08.63830	05	38	46.61	-05	07	22.8	17.4	V	EA039379
K09X02R	KC2010	01	09.15798	05	38	29.31	-05	36	23.5	18.0	C	EA039I20
K09X02R	KC2010	01	09.16284	05	38	29.11	-05	36	39.7	18.3	C	EA039I20
K09X02R	KC2010	01	09.16895	05	38	28.85	-05	37	00.0	18.6	C	EA039I20
K10A00E	KC2010	01	08.29388	09	27	20.88	+13	53	35.3	18.2	C	EA039I20
K10A00E	KC2010	01	08.30507	09	27	20.57	+13	53	04.2	18.3	C	EA039I20
K10A00E	KC2010	01	08.31229	09	27	20.36	+13	52	44.0	18.3	C	EA039I20
K10A00E	C2010	01	08.47158	09	27	16.74	+13	44	54.2	18.4	V	EA039291

K10A00E	C2010	01	08.47559	09	27	16.61	+13	44	43.4	18.4	V	EA039291
K10A00E	C2010	01	08.47962	09	27	16.50	+13	44	31.9	18.5	V	EA039291
K10A00K	C2010	01	08.23673	08	37	10.57	+17	37	20.8	20.6	V	EA039291
K10A00K	C2010	01	08.24084	08	37	10.00	+17	37	19.7			EA039291
K10A00K	C2010	01	08.24482	08	37	09.44	+17	37	19.1	20.3	V	EA039291
K10A00L	C2010	01	08.41615	10	37	14.30	+13	06	03.1	20.4	V	EA039291
K10A00L	C2010	01	08.42022	10	37	16.13	+13	06	11.1	20.2	V	EA039291
K10A00L	C2010	01	08.42422	10	37	17.84	+13	06	18.4	20.5	V	EA039291
05324	C2010	01	06.34482109	13	25.82	+35	17	34.7		22.2	V	EA039H21
05324	C2010	01	06.36397309	13	25.00	+35	17	38.7		21.9	V	EA039H21
05324	C2010	01	06.38152309	13	24.14	+35	17	42.5		22.0	V	EA039H21
05693	C2010	01	08.52192	11	59	26.98	+06	29	02.7	19.1	V	EA039G96
05693	C2010	01	08.52816	11	59	26.88	+06	29	05.3	19.1	V	EA039G96
05693	C2010	01	08.53444	11	59	26.80	+06	29	07.8	19.0	V	EA039G96
05693	C2010	01	08.54068	11	59	26.73	+06	29	10.5	19.0	V	EA039G96
22753	C2010	01	08.17327	04	44	19.86	+25	59	54.7	19.1	V	EA039G96
22753	C2010	01	08.18121	04	44	19.06	+25	59	52.1	19.1	V	EA039G96
22753	C2010	01	08.18771	04	44	18.45	+25	59	50.0	19.0	V	EA039G96
22753	C2010	01	08.19419	04	44	17.77	+25	59	47.9	19.2	V	EA039G96
22753	C2010	01	08.20068	04	44	17.16	+25	59	45.4	19.1	V	EA039G96
D8893	KC2010	01	08.24976	09	37	38.75	-46	36	56.5	17.1	C	EA039I20
D8893	KC2010	01	08.25321	09	37	39.22	-46	37	51.4	16.9	C	EA039I20
D8893	KC2010	01	08.25842	09	37	40.01	-46	39	14.8	16.9	C	EA039I20
D8893	KC2010	01	08.26343	09	37	40.63	-46	40	35.1	17.2	C	EA039I20
D8893	KC2010	01	08.27334	09	37	42.02	-46	43	13.3	16.6	C	EA039I20

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