

[Printer-friendly version](#)



Search MPC/CBAT

IAU Minor Planet Center

MPC Operations Status

Processing ([Info](#))

ECS: Accessible

[MPC Status Page](#)

Observer Services (NEOs)

[NEO Services Overview](#)

[NEO Confirmation](#)

[NEO Confirmation \(RA order\)](#)

[NEO Ratings](#)

[NEO Page](#)

[NEO Observation Planning Aid](#)

[NEOChecker](#)

[NEOCMTChecker](#)

Observer Services

[Services Overview](#)

[IAUMail](#)

[Minor Planet & Comet Ephem.](#)

[Natural Satellite Ephemerides](#)

[New Object Ephemerides](#)

[MPCChecker](#)

[CMTChecker](#)

[Distant Artificial Satellites](#)

[Observing List Customizer](#)

[Sky Coverage](#)

Orbital Elements

[Orbital Elements Overview](#)

[MPCORB](#)

[Orbital Elements for Programs](#)

[MPCAT](#)

[MPCUPDATE](#)

Astrometric Observations

[MPCAT-OBS](#)

[MPCOBS](#)

Publications

[Publications Overview](#)

[MPECs](#)

[MPC Archive](#)

[MPC RSS Feeds](#)

[CBAT RSS Feeds](#)

Documentation

[Documentation Overview](#)

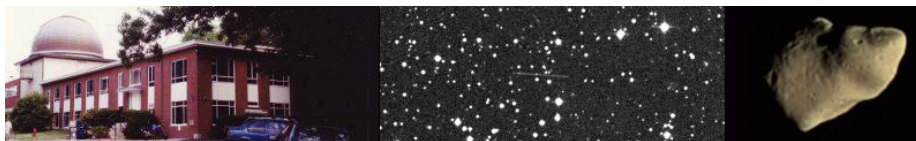
[Minor Body Astrometry](#)

[What's New](#)

Lists and Plots

[Lists and Plots Overview](#)

[Minor Planets](#)



MPEC 2011-E17 : DAILY ORBIT UPDATE (2011 MAR. 3 UT)

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

A form allowing access to any MPEC is at [the bottom of this page](#).



[Read MPEC 2011-E16](#)



[Read MPEC 2011-E18](#)

M.P.E.C. 2011-E17

Issued 2011 Mar. 3, 07:07 UT

The Minor Planet Electronic Circulars contain information on unusual minor planets and routine data on comets. They are published on behalf of Commission 20 of the International Astronomical Union by the Minor Planet Center, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A.

Prepared using the [Tamkin Foundation Computer Network](#)

MPC@CFA.HARVARD.EDU

URL <http://www.minorplanetcenter.net/>

ISSN 1523-6714

DAILY ORBIT UPDATE (2011 MAR. 3 UT)

Update to [MPEC 2011-E06](#)

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

New identification:

K02D14K	K11E01A	MPCW
K02XB8S	K11D19T	MPCW
K03H34X	K11D23U	MPCW
K04G00X	K11E03M	MPCW
K05SS3T	K11D20T	MPCW
K05UT3T	K11D21S	MPCW
K06BP3Z	K11E02T	MPCW
K06G51Z	K11D24F	MPCW
K06J22A	K11D23V	MPCW
K06J25U	K11D20J	MPCW
K07B40W	K11E01D	MPCW
K07D18T	K11E02P	MPCW
K07EE5R	K11E02C	MPCW
K08R58U	K11E03Z	MPCW
K08S07S	K11E04O	MPCW
K09WE2N	K11D23N	MPCW
K10C48D	K11E03O	MPCW
K10X77C	K10AD8S	MPCS
K11A32M	K08G63X	MPCS
K11A36U	K03UW1A	MPCS
K11A48J	K06X53C	MPCS
K11A60G	K03W51R	MPCS
K11A77B	K08P01L	MPCS
K11B08M	K05QD2A	MPCS
K11B09X	K07C49V	MPCS
K11B13U	K10BB9B	MPCS
K11B21W	K05Ue8O	MPCS
K11B27Z	K00EJ1P	MPCS
	K04J54L	
	K09R62K	

Comets	K11B46W	K00Sb3G								MPCS
Animations	K11B51N	K07G10E								MPCS
General Information	K11B55T	K06Y28B								MPCS
Astronomical Headlines	K11C01V	K00B47Q								MPCS
Press Information Sheets	K11C02L	K05X66G			K09SN9S					MPCS
General	K11C02Q	K06Y49V								MPCS
Contact Us	K11C03R	K04C33V								MPCS
Index	K11C15S	K09S90Z								MPCS
Site Map	K11C16J	K09WL3R								MPCS
Search Site	K11C17Z	K00F70P			K06X54S					MPCS
Tech Info	K11C23N	K09S44M								MPCS
Documentation	K11C23V	J98M19B			K10B90L					MPCS
Links	K11C30V	K06C43A								MPCS
Minor Planet Center	K11C41Q	K06BJ1E			K09U79L					MPCS
Central Bureau for Astro. Tel.	K11C43Y	K06E05A								MPCS
Cometary Science Lab/Archive	K11C45K	K01FB00								MPCS
<i>International Comet Quarterly</i>	K11C46R	K06C15G								MPCS
Smithsonian Astro. Obs.	K11C47Q	K10C49C								MPCS
	K11C49E	K07EI6A								MPCS
	K11C50R	K10C08N								MPCS
	K11C66W	K06S43C								MPCS
	K11C69W	K02TJ4A								MPCS
	K11C71E	K06UZ7H								MPCS
	K11C72X	K04FG0F								MPCS
	K11C73L	K02XB0G								MPCS
	K11C74A	K00E03H								MPCS
	K11C74H	K04FA4N								MPCS
	K11C74J	J96T35D								MPCS
	K11C74V	K04G64K			K09SV0L					MPCS
	K11C74Z	K03W98O								MPCS
	K11D01F	K04TJ3V			K09Y10Q					MPCS
	K11D09N	K08O17R								MPCS

New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
J81U00A	15.5	0.15	K1128	90.926	21.398	17.533	27.015	0.33099	2.32825	6	X
J91V09R	16.1	0.15	K1128	173.758	294.833	54.253	12.316	0.20654	2.68512	6	X
J92S11Y	16.1	0.15	K1128	195.110	133.391	181.656	6.822	0.11133	3.06398	5	X
J93F62S	17.4	0.15	K1128	320.762	104.122	104.899	3.266	0.16361	2.35976	7	X
J94C04X	17.1	0.15	K1128	288.443	86.448	171.486	5.086	0.07610	2.57714	6	X
J95P00R	16.6	0.15	K1128	171.156	303.938	35.710	7.771	0.16110	2.28055	5	X
J95Q04B	16.2	0.15	K1128	254.573	257.277	347.852	12.821	0.04490	2.74448	6	X
J95S08V	18.1	0.15	K1128	243.292	276.847	357.233	3.314	0.16008	2.26877	6	X
J95S73F	17.6	0.15	K1128	85.096	221.077	193.903	5.637	0.06001	2.77099	5	X
J95W17D	17.8	0.15	K1128	77.582	124.338	301.148	2.078	0.15972	2.33887	5	X
J96G05U	16.2	0.15	K1128	23.788	90.176	58.400	5.886	0.05321	2.93764	4	X
J96R08N	15.2	0.15	K1128	122.687	231.913	168.304	13.217	0.12494	3.25063	5	X
J96T27T	17.7	0.15	K1128	103.208	9.620	53.791	6.257	0.13828	2.20463	6	X
J96V35W	16.7	0.15	K1128	142.406	216.019	141.275	6.991	0.06035	2.67806	5	X
J96X09Z	17.5	0.15	K1128	92.001	48.684	349.722	5.189	0.10578	2.69240	6	X
J97C22P	18.4	0.15	K1128	52.758	148.686	309.108	2.380	0.13726	2.27547	3	X
J97G03Y	17.5	0.15	K1128	342.813	178.104	357.372	5.262	0.16397	2.32417	4	X
J97G10E	16.2	0.15	K1128	332.672	35.018	178.865	5.461	0.17707	2.79339	7	X
J97P03Z	16.0	0.15	K1128	217.854	165.298	172.465	10.273	0.10552	2.98320	6	X
J98D12O	16.5	0.15	K1128	26.902	354.209	145.689	6.487	0.16309	2.61052	5	X
J98F00T	17.8	0.15	K1128	199.894	266.183	41.451	3.909	0.13047	2.23354	6	X
J98H00J	18.2	0.15	K1128	306.909	76.713	140.177	6.868	0.18560	2.22738	6	X
J98H10Q	15.8	0.15	K1128	42.427	94.616	30.557	10.693	0.15403	2.65272	5	X
J98H50S	16.9	0.15	K1128	225.069	164.230	136.660	8.246	0.19561	2.25466	7	X
J98Q56H	17.7	0.15	K1128	76.154	266.399	176.471	32.227	0.03071	1.55081	8	X
J98R04Y	16.0	0.15	K1128	244.686	308.060	357.962	24.204	0.23913	2.29165	4	X
J98R21R	16.3	0.15	K1128	152.511	155.547	185.612	5.298	0.25375	2.99205	4	X
J98S27A	15.7	0.15	K1128	75.470	61.617	13.676	12.855	0.28072	3.05237	4	X
J98SF2L	17.0	0.15	K1128	97.185	102.422	278.039	1.195	0.22822	2.41753	4	X
J98SG5R	17.0	0.15	K1128	117.765	53.486	335.495	5.458	0.18335	2.37467	4	X
J98U01D	16.0	0.15	K1128	71.409	67.152	317.545	20.317	0.41907	3.15578	4	X
J98W25K	15.8	0.15	K1128	34.065	68.136	41.481	8.726	0.11790	3.08910	7	X
J99C12V	16.3	0.15	K1128	352.766	351.088	161.672	15.404	0.08277	2.52283	5	X
J99F83U	16.6	0.15	K1128	329.291	54.762	162.283	15.372	0.11925	2.54401	6	X
J99G59D	16.2	0.15	K1128	304.832	197.452	27.553	13.465	0.21736	2.54880	5	X
J99R57F	16.3	0.15	K1128	255.717	323.548	340.774	4.389	0.28135	2.64171	6	X
J99T46L	16.4	0.15	K1128	134.357	7.720	33.341	4.659	0.07198	2.78375	7	X
J99T76K	18.1	0.15	K1128	186.179	291.220	25.754	2.861	0.18466	2.24817	4	X
J99T82T	16.9	0.15	K1128	18.793	125.133	34.104	4.151	0.03820	2.77734	6	X
J99TA3E	16.0	0.15	K1128	103.907	252.895	150.098	11.353	0.37883	2.90276	4	X
J99TN2Q	17.7	0.15	K1128	171.013	185.226	178.388	20.473	0.08382	1.86905	4	X
J99TN7K	16.2	0.15	K1128	175.519	323.732	41.625	4.630	0.11244	2.76414	6	X

J99TP8E	14.9	0.15	K1128	250.463	266.866	39.640	14.012	0.15142	2.71868	4 X
J99TT4F	17.4	0.15	K1128	326.320	219.313	346.167	2.536	0.04943	2.19632	7 X
J99TV5K	16.5	0.15	K1128	259.872	268.612	23.225	18.279	0.26527	2.69096	4 X
J99V13T	17.4	0.15	K1128	69.797	69.416	6.980	19.309	0.17516	1.91003	4 X
J99V59D	17.3	0.15	K1128	64.031	24.211	32.789	0.928	0.19967	2.31535	5 X
J99V75W	16.3	0.15	K1128	86.465	338.819	73.799	3.254	0.11453	2.93121	5 X
J99V83K	17.8	0.15	K1128	263.482	212.233	69.015	5.296	0.13149	2.21789	7 X
J99VE3V	15.5	0.15	K1128	179.688	333.560	29.120	8.439	0.14824	2.79308	4 X
J99VG3C	16.5	0.15	K1128	67.432	71.001	33.695	5.251	0.24880	2.26745	5 X
J99VLOE	16.2	0.15	K1128	241.682	208.669	64.655	3.023	0.01571	2.87650	7 X
J99VL1W	16.3	0.15	K1128	185.037	311.696	52.211	6.061	0.16825	2.77856	6 X
J99VL4W	17.7	0.15	K1128	70.200	63.682	6.620	3.866	0.07340	2.25062	5 X
J99XP5O	16.3	0.15	K1128	357.997	200.356	327.384	2.107	0.07187	3.00049	7 X
K00B20M	16.5	0.15	K1128	90.401	104.488	312.355	4.604	0.17240	3.03089	7 X
K00B21W	17.3	0.15	K1128	349.321	187.468	319.567	3.794	0.06215	2.38016	4 X
K00C03A	15.0	0.15	K1128	18.529	121.032	330.277	26.081	0.37138	3.13933	3 X
K00CA1R	20.2	0.15	K1128	5.637	153.039	333.750	0.598	0.24570	1.69496	2 X
K00CC0Q	15.1	0.15	K1128	34.859	333.824	145.772	23.216	0.16942	3.03856	4 X
K00CE1L	15.3	0.15	K1128	262.620	286.068	314.214	8.238	0.07354	3.10215	7 X
K00D53M	16.6	0.15	K1128	333.933	204.477	319.903	6.349	0.05429	2.40258	4 X
K00D58V	17.1	0.15	K1128	345.985	348.459	176.394	3.008	0.12973	2.38670	5 X
K00D72C	15.0	0.15	K1128	314.431	215.745	353.278	15.467	0.05534	3.12963	4 X
K00D87J	15.1	0.15	K1128	306.423	79.918	134.346	16.701	0.17088	3.12426	4 X
K00D91J	15.9	0.15	K1128	284.366	67.453	166.709	7.671	0.12765	3.15866	4 X
K00DA1T	15.3	0.15	K1128	6.105	162.157	358.879	16.784	0.19796	3.08258	6 X
K00DB7O	15.9	0.15	K1128	260.496	132.747	164.092	10.422	0.06392	3.03523	9 X
K00E13U	16.8	0.15	K1128	356.018	71.281	106.406	3.067	0.14640	2.35454	6 X
K00E14B	23.1	0.15	K1128	236.177	139.587	162.883	11.571	0.49556	0.89556	2 X
K00E64L	17.4	0.15	K1128	314.913	264.722	314.640	1.733	0.14999	2.38670	6 X
K00EC2B	15.2	0.15	K1128	334.346	187.478	351.145	16.727	0.11538	3.13319	4 X
K00EE7A	15.3	0.15	K1128	353.484	18.277	141.295	24.550	0.16501	3.13946	3 X
K00EJ6B	17.4	0.15	K1128	318.427	209.138	15.348	2.725	0.17556	2.37112	5 X
K00F04R	16.1	0.15	K1128	153.860	25.270	13.621	9.963	0.02661	3.08989	3 X
K00F05A	15.7	0.15	K1128	35.247	309.313	191.143	9.147	0.06118	3.12883	6 X
K00F48M	14.8	0.15	K1128	310.234	206.014	19.593	28.332	0.08333	3.16337	6 X
K00F48O	16.9	0.15	K1128	316.021	115.842	105.462	6.604	0.20337	2.39659	3 X
K00F73V	14.7	0.15	K1128	348.773	17.066	146.850	23.886	0.14388	3.15182	5 X
K00G32H	16.7	0.15	K1128	292.935	232.414	19.015	6.663	0.08196	2.38601	8 X
K00G43V	17.7	0.15	K1128	304.466	200.067	27.616	4.758	0.19473	2.41056	5 X
K00G52S	17.9	0.15	K1128	326.599	50.557	199.007	3.152	0.28739	2.36581	4 X
K00G69M	15.9	0.15	K1128	282.543	215.553	40.077	1.971	0.29415	3.24918	5 X
K00H34A	15.1	0.15	K1128	355.402	345.170	192.288	15.575	0.12401	3.09586	6 X
K00H86R	17.0	0.15	K1128	287.915	94.355	135.080	3.156	0.15302	2.44821	6 X
K00HA3F	16.9	0.15	K1128	311.413	101.012	137.259	6.945	0.11220	2.38559	8 X
K00J84Z	15.7	0.15	K1128	315.737	185.889	46.947	10.590	0.06539	3.15157	6 X
K00K37J	16.8	0.15	K1128	316.237	189.743	40.572	1.181	0.15559	3.19542	5 X
K00K70W	16.4	0.15	K1128	267.550	218.569	65.783	7.523	0.09901	2.41623	5 X
K00L36U	14.3	0.15	K1128	130.475	218.646	140.852	9.628	0.40237	2.67538	10 X
K00O35B	16.3	0.15	K1128	254.240	157.371	146.931	11.759	0.20273	2.48256	5 X
K00O56K	16.4	0.15	K1128	132.114	38.488	337.121	11.828	0.22846	2.62792	3 X
K00Q24R	16.0	0.15	K1128	118.721	29.543	338.126	12.735	0.18188	2.69456	3 X
K00Q36V	16.8	0.15	K1128	111.778	51.833	316.700	10.991	0.29511	2.68858	4 X
K00Q57X	15.6	0.15	K1128	176.060	188.091	141.051	13.714	0.18559	2.60245	6 X
K00QK0O	16.6	0.15	K1128	147.915	207.057	158.597	3.368	0.22184	2.62199	8 X
K00QM7H	16.4	0.15	K1128	195.943	344.518	326.721	11.603	0.18179	2.60656	4 X
K00QM7P	16.7	0.15	K1128	139.409	132.807	218.818	2.967	0.22652	2.67189	4 X
K00R63A	16.0	0.15	K1128	145.860	0.809	342.745	12.940	0.29605	2.64254	5 X
K00S21M	16.6	0.15	K1128	169.587	187.594	182.587	16.766	0.24248	2.59567	4 X
K00S27V	16.4	0.15	K1128	100.048	76.311	308.358	7.922	0.22078	2.72124	4 X
K00S56C	17.0	0.15	K1128	254.783	324.010	331.398	2.126	0.18694	2.53147	5 X
K00S81X	16.4	0.15	K1128	90.911	241.066	180.203	12.745	0.26991	2.70894	4 X
K00S97M	15.8	0.15	K1128	127.231	125.720	248.545	4.894	0.06234	2.66995	6 X
K00SU4V	15.7	0.15	K1128	140.192	19.834	0.012	13.601	0.20902	2.65613	5 X
K00U18J	15.9	0.15	K1128	46.756	20.387	70.598	8.099	0.28011	2.77330	3 X
K00V04Q	16.5	0.15	K1128	128.122	320.429	39.525	3.278	0.19342	2.72275	6 X
K00WA3S	16.0	0.15	K1128	145.840	186.602	189.586	5.236	0.18516	2.69216	6 X
K01C43U	17.2	0.15	K1128	9.453	153.690	353.182	24.377	0.19476	2.21754	3 X
K01D06Q	16.8	0.15	K1128	344.410	185.239	335.973	22.967	0.24774	2.24488	3 X
K01D08Q	18.0	0.15	K1128	24.332	14.615	342.855	12.893	0.90159	1.84140	4 X
K01D82D	18.3	0.15	K1128	80.432	97.635	336.911	4.472	0.09132	2.20451	4 X
K01E03R	17.3	0.15	K1128	334.399	178.203	354.438	6.105	0.08931	2.24568	3 X
K01E08J	17.7	0.15	K1128	330.264	177.047	4.639	5.328	0.15039	2.24873	5 X
K01F69R	16.7	0.15	K1128	299.795	111.480	142.832	6.863	0.16875	2.22806	6 X
K01FC0F	16.4	0.15	K1128	271.090	223.425	19.312	11.114	0.05431	3.02047	6 X
K01FE1J	17.4	0.15	K1128	285.332	248.784	27.005	5.602	0.27353	2.23551	5 X
K01N19P	15.6	0.15	K1128	289.003	120.724	143.812	24.709	0.26443	2.29929	4 X
K01O39A	17.2	0.15	K1128	280.186	213.137	62.272	6.585	0.20166	2.31467	5 X

K01O41E	16.1	0.15	K1128	310.685	255.128	2.033	5.294	0.28520	3.05249	7 X
K01P24H	16.1	0.15	K1128	74.017	40.785	345.886	15.309	0.25792	2.57460	3 X
K01P33N	15.2	0.15	K1128	284.126	283.814	1.074	21.127	0.26363	3.11770	3 X
K01P48N	15.3	0.15	K1128	228.153	292.128	45.595	9.376	0.20932	3.18112	7 X
K01P57U	17.8	0.15	K1128	241.125	154.471	154.630	3.272	0.23535	2.35234	4 X
K01Q03X	15.6	0.15	K1128	280.299	119.476	143.674	26.103	0.32714	3.15646	3 X
K01Q44R	17.2	0.15	K1128	248.041	285.540	345.029	1.575	0.20390	2.37370	8 X
K01Q61V	16.4	0.15	K1128	198.016	339.955	333.076	16.507	0.23684	2.41775	4 X
K01QF4A	16.5	0.15	K1128	91.718	28.247	11.154	15.055	0.20214	2.53052	4 X
K01QH8O	16.4	0.15	K1128	193.138	292.875	66.713	6.706	0.19290	2.37571	5 X
K01QION	16.3	0.15	K1128	221.829	272.710	53.583	3.125	0.22018	2.37599	6 X
K01QI1P	18.0	0.15	K1128	319.254	229.031	42.739	4.550	0.52668	2.24165	3 X
K01QJ3R	16.8	0.15	K1128	164.335	10.235	319.077	17.767	0.08724	1.97741	4 X
K01QK3L	16.3	0.15	K1128	279.021	292.022	335.857	10.936	0.21327	2.31957	5 X
K01QQ5H	16.7	0.15	K1128	196.860	147.371	189.195	6.025	0.13906	2.41689	6 X
K01R08S	17.4	0.15	K1128	276.100	288.760	348.841	5.214	0.22440	2.33502	4 X
K01R20L	16.6	0.15	K1128	247.060	330.303	330.638	2.361	0.20363	2.35178	6 X
K01R38U	17.7	0.15	K1128	166.883	171.612	189.964	2.064	0.22306	2.42405	6 X
K01RE6F	15.6	0.15	K1128	276.509	111.215	209.604	14.533	0.25421	3.08766	5 X
K01RF2K	16.1	0.15	K1128	157.664	297.254	77.006	5.695	0.19293	2.43553	5 X
K01S11M	16.2	0.15	K1128	66.994	72.428	333.972	10.437	0.26254	2.58044	4 X
K01S24J	16.9	0.15	K1128	268.642	272.584	356.993	8.528	0.24049	2.37686	4 X
K01S51C	17.1	0.15	K1128	240.746	248.446	69.860	2.581	0.19537	2.36293	5 X
K01S54P	16.6	0.15	K1128	60.490	268.496	143.361	6.576	0.29011	2.61250	4 X
K01S61M	15.6	0.15	K1128	30.081	290.726	195.092	23.382	0.40994	2.58639	5 X
K01S61X	15.7	0.15	K1128	195.217	320.016	30.670	6.170	0.15423	2.41991	5 X
K01S69O	15.7	0.15	K1128	118.779	240.761	159.635	6.104	0.13814	2.52223	6 X
K01S95H	17.4	0.15	K1128	184.371	144.180	203.490	2.860	0.14217	2.42020	5 X
K01SL7P	15.1	0.15	K1128	255.923	131.268	181.296	28.385	0.21873	3.24085	7 X
K01SM4T	17.1	0.15	K1128	232.077	274.981	47.685	3.116	0.20593	2.37471	7 X
K01SN3X	17.1	0.15	K1128	127.258	266.302	93.632	2.377	0.22215	2.53278	5 X
K01SO0T	17.6	0.15	K1128	256.783	276.746	19.450	2.335	0.21613	2.37252	6 X
K01SP1J	16.2	0.15	K1128	239.082	285.781	24.424	7.288	0.10931	2.41538	6 X
K01SP5Q	16.7	0.15	K1128	252.187	102.425	190.548	5.868	0.16167	2.40794	7 X
K01SP9B	17.8	0.15	K1128	210.261	340.074	325.160	4.067	0.28877	2.41451	4 X
K01SU1Y	17.7	0.15	K1128	241.464	0.792	304.382	1.827	0.18570	2.37803	6 X
K01T05T	16.7	0.15	K1128	150.150	271.880	106.629	5.603	0.11913	2.43931	4 X
K01T13E	17.7	0.15	K1128	113.443	232.281	196.040	20.560	0.12562	1.95398	5 X
K01T97C	17.0	0.15	K1128	64.247	67.220	6.369	5.122	0.27185	2.58223	5 X
K01TE9D	16.2	0.15	K1128	155.964	287.716	96.892	3.514	0.20406	2.44935	6 X
K01TF3J	15.5	0.15	K1128	248.092	263.031	61.607	7.036	0.20560	3.21398	3 X
K01TG1C	16.6	0.15	K1128	52.392	72.095	0.012	5.098	0.25985	2.58291	4 X
K01TH3F	17.0	0.15	K1128	84.313	178.382	213.650	3.659	0.26187	2.59800	4 X
K01TI3L	17.0	0.15	K1128	288.918	261.060	10.224	7.738	0.11117	2.37792	3 X
K01TL7A	16.2	0.15	K1128	143.770	7.128	348.580	13.653	0.05393	2.51860	6 X
K01TM4A	16.4	0.15	K1128	282.500	253.905	3.814	6.018	0.09694	2.44997	6 X
K01TO0B	16.4	0.15	K1128	189.964	257.871	92.939	6.027	0.12712	2.44478	6 X
K01TQ0V	16.8	0.15	K1128	91.787	269.952	121.912	4.037	0.16135	2.54974	6 X
K01U06K	16.8	0.15	K1128	175.774	265.278	105.682	3.528	0.21003	2.44998	4 X
K01U15S	17.0	0.15	K1128	207.630	17.981	309.659	2.007	0.22223	2.43107	7 X
K01UB8Z	16.8	0.15	K1128	218.642	262.227	74.457	3.337	0.22357	2.41377	6 X
K01UD4U	15.1	0.15	K1128	137.369	313.555	78.861	4.283	0.17745	2.53917	6 X
K01UD5W	16.1	0.15	K1128	91.128	12.058	49.919	15.359	0.09540	2.54452	4 X
K01UE1J	16.8	0.15	K1128	71.256	6.147	60.724	5.912	0.10901	2.55995	5 X
K01UH0V	16.8	0.15	K1128	131.121	125.748	230.939	4.738	0.25580	2.54142	4 X
K01UI7G	17.3	0.15	K1128	239.289	280.400	34.741	7.187	0.13799	2.38146	4 X
K01UJ3Z	17.0	0.15	K1128	40.080	33.828	54.610	3.234	0.20068	2.58546	6 X
K01UK7D	16.7	0.15	K1128	233.194	254.493	28.951	6.976	0.11515	2.45627	6 X
K01UL3B	17.3	0.15	K1128	72.742	327.426	109.128	3.110	0.20015	2.56066	4 X
K01UL5B	17.5	0.15	K1128	36.616	252.450	191.636	4.855	0.22876	2.63324	4 X
K01UM6R	17.1	0.15	K1128	63.655	276.171	171.877	7.579	0.15865	2.52600	4 X
K01UM7C	17.0	0.15	K1128	219.599	170.361	138.870	3.848	0.13095	2.43731	6 X
K01VA3P	17.0	0.15	K1128	44.743	169.049	265.947	3.817	0.25955	2.63866	6 X
K01VB3N	15.9	0.15	K1128	194.966	295.635	22.483	2.834	0.16548	2.52607	6 X
K01W08D	15.6	0.15	K1128	133.432	219.469	171.128	4.517	0.08104	2.52279	9 X
K01W16C	16.3	0.15	K1128	77.362	290.082	157.642	3.751	0.11377	2.55662	5 X
K01W19B	16.7	0.15	K1128	77.920	191.611	229.298	4.079	0.04130	2.55829	4 X
K01W42X	16.3	0.15	K1128	90.504	10.642	40.989	15.018	0.16353	2.53083	5 X
K01W78D	16.8	0.15	K1128	145.866	143.346	211.361	2.714	0.07867	2.56006	5 X
K01W82E	16.9	0.15	K1128	246.167	219.597	82.707	3.200	0.20245	2.42786	6 X
K01W84P	17.4	0.15	K1128	49.295	219.279	218.157	4.370	0.15665	2.61946	5 X
K01W90E	15.9	0.15	K1128	25.697	161.892	335.997	3.961	0.17487	2.56212	5 X
K01WA4B	17.0	0.15	K1128	56.330	89.624	19.187	7.014	0.11607	2.60887	4 X
K01X15W	16.6	0.15	K1128	122.811	283.714	147.648	2.561	0.09110	2.49089	7 X
K01X17P	15.7	0.15	K1128	140.309	4.374	23.479	7.054	0.22518	2.52372	7 X
K01X37Q	16.0	0.15	K1128	196.668	341.822	357.431	7.438	0.17497	2.49114	5 X
K01X42S	15.5	0.15	K1128	113.006	59.940	343.513	10.915	0.07774	2.59592	5 X

K01XC9U	17.0	0.15	K1128	133.193	317.046	73.852	6.183	0.16173	2.52366	4 X
K01XG5Z	16.9	0.15	K1128	48.465	340.830	104.604	6.117	0.10453	2.63912	5 X
K01XG7S	16.6	0.15	K1128	93.924	279.544	103.634	4.380	0.22120	2.63704	4 X
K01XH4F	16.4	0.15	K1128	355.722	351.906	108.618	10.856	0.23529	2.75805	2 X
K01XM4O	16.1	0.15	K1128	100.081	18.587	55.345	4.678	0.04955	2.52378	6 X
K01XM7U	17.1	0.15	K1128	36.182	75.595	22.206	3.226	0.13078	2.62636	6 X
K01XO5N	16.6	0.15	K1128	95.034	100.528	293.819	3.500	0.11147	2.60130	6 X
K01XO9C	16.8	0.15	K1128	147.075	282.955	102.545	3.627	0.19891	2.54927	6 X
K01Y01U	15.0	0.15	K1128	66.608	67.979	273.068	29.899	0.38007	2.74451	3 X
K01Y11J	16.4	0.15	K1128	54.555	292.452	123.194	5.061	0.29506	2.69747	3 X
K01Y18F	15.9	0.15	K1128	157.714	281.984	101.417	5.039	0.19041	2.51855	6 X
K01Y54N	15.4	0.15	K1128	54.133	157.400	282.328	2.877	0.28007	3.97347	4 X
K01Y71P	16.9	0.15	K1128	23.117	180.317	311.504	3.680	0.21544	2.64313	4 X
K01Y73S	16.4	0.15	K1128	90.544	330.732	97.052	6.042	0.17700	2.59520	4 X
K01Y79O	15.6	0.15	K1128	161.679	32.572	330.183	3.548	0.25979	2.54541	8 X
K01Y96X	17.0	0.15	K1128	65.070	200.670	221.298	2.668	0.17059	2.61770	5 X
K01Y98Q	17.2	0.15	K1128	61.275	8.856	94.535	5.717	0.18163	2.57396	5 X
K01YC6R	16.0	0.15	K1128	83.512	10.080	65.551	11.093	0.02756	2.59134	7 X
K01YD8Y	17.6	0.15	K1128	0.693	73.116	77.357	5.862	0.25357	2.68527	4 X
K02A28O	15.4	0.15	K1128	357.669	65.966	100.425	15.476	0.09585	2.67004	4 X
K02A45P	16.9	0.15	K1128	32.643	306.112	148.373	4.286	0.18825	2.69000	5 X
K02A68Z	16.9	0.15	K1128	127.653	184.685	184.518	6.158	0.04270	2.72876	5 X
K02A98E	16.7	0.15	K1128	71.693	307.787	92.920	3.311	0.24906	2.68752	4 X
K02AD7J	16.2	0.15	K1128	325.253	48.926	132.699	6.535	0.03435	2.67800	4 X
K02AD8V	16.5	0.15	K1128	119.152	238.996	165.133	4.763	0.22191	2.58352	7 X
K02AJ8F	16.6	0.15	K1128	96.411	263.623	150.359	6.388	0.31728	2.58358	4 X
K02AK0O	16.0	0.15	K1128	351.563	18.733	138.078	13.798	0.12107	2.67797	5 X
K02AK2N	16.6	0.15	K1128	15.376	280.874	233.826	1.925	0.11151	2.64505	6 X
K02AK3B	16.4	0.15	K1128	327.814	80.331	130.327	13.584	0.21135	2.69691	4 X
K02B01T	16.4	0.15	K1128	23.953	171.174	330.186	3.014	0.14807	2.63412	5 X
K02B31K	16.6	0.15	K1128	14.163	322.013	153.724	9.653	0.13054	2.73672	5 X
K02C13O	15.8	0.15	K1128	323.837	56.718	143.830	9.606	0.06314	2.67003	6 X
K02C22D	17.0	0.15	K1128	16.368	189.255	306.622	3.436	0.21187	2.69359	5 X
K02C31B	15.9	0.15	K1128	71.376	309.039	112.470	14.920	0.26575	2.66660	4 X
K02C37P	16.0	0.15	K1128	43.197	101.076	333.276	12.177	0.17786	2.75189	5 X
K02C91E	16.6	0.15	K1128	321.187	217.035	342.701	10.207	0.08768	2.71476	2 X
K02C92B	16.6	0.15	K1128	39.837	337.802	131.206	6.193	0.23698	2.68587	6 X
K02C93C	17.0	0.15	K1128	358.764	62.213	117.103	3.444	0.10862	2.65804	6 X
K02CA2U	16.4	0.15	K1128	42.496	99.272	33.746	2.120	0.25841	2.65200	6 X
K02CB0H	15.9	0.15	K1128	11.015	141.668	355.311	9.000	0.09915	2.73966	4 X
K02CB7J	16.9	0.15	K1128	29.984	80.625	82.169	2.012	0.08758	2.59882	8 X
K02CF7E	15.8	0.15	K1128	319.657	100.155	121.702	11.106	0.15182	2.66164	4 X
K02CG2E	16.4	0.15	K1128	6.673	68.029	119.049	12.298	0.11726	2.61617	5 X
K02CI3Y	16.4	0.15	K1128	1.124	172.476	328.933	7.041	0.02320	2.71225	4 X
K02CK4A	16.3	0.15	K1128	349.113	174.273	338.414	12.037	0.04028	2.73735	2 X
K02CK9S	15.9	0.15	K1128	48.238	306.654	147.446	13.347	0.07645	2.72931	5 X
K02CM9R	17.5	0.15	K1128	4.976	4.228	156.874	3.781	0.13835	2.70046	4 X
K02CP6K	16.1	0.15	K1128	338.843	131.049	92.010	5.234	0.17793	2.61631	5 X
K02CT6T	16.1	0.15	K1128	209.240	316.962	346.026	12.733	0.10105	2.77374	5 X
K02CV1R	16.4	0.15	K1128	342.596	211.361	317.416	12.992	0.15162	2.73428	3 X
K02CV4H	16.9	0.15	K1128	312.561	92.673	152.537	4.603	0.18274	2.64641	8 X
K02D06B	16.1	0.15	K1128	90.375	264.163	169.465	11.304	0.15618	2.62803	3 X
K02D09W	16.5	0.15	K1128	356.952	176.091	22.006	14.685	0.19674	2.63720	4 X
K02D14E	15.4	0.15	K1128	208.278	345.843	339.569	12.795	0.15025	2.67538	5 X
K02D14K	16.2	0.15	K1128	264.992	110.937	140.495	9.611	0.10123	2.74052	5 W
K02D17H	15.7	0.15	K1128	326.171	146.707	71.734	14.636	0.20184	2.69013	3 X
K02E55K	15.7	0.15	K1128	296.349	46.136	167.806	9.163	0.06190	2.72417	4 X
K02E56R	16.3	0.15	K1128	14.694	206.163	302.994	4.324	0.14492	2.69176	4 X
K02E68B	16.2	0.15	K1128	323.090	62.298	187.866	2.891	0.16001	2.66318	5 X
K02E68Q	15.9	0.15	K1128	302.726	218.164	355.943	9.162	0.08871	2.77936	3 X
K02EA4F	15.3	0.15	K1128	348.369	5.189	154.808	14.556	0.13461	2.77747	5 X
K02ED0F	15.6	0.15	K1128	45.144	285.773	204.079	12.174	0.23268	2.65077	7 X
K02EE1R	16.2	0.15	K1128	39.359	92.489	1.225	10.573	0.23506	2.72823	4 X
K02EF7S	17.7	0.15	K1128	328.773	213.766	342.682	11.462	0.26871	2.74491	2 X
K02EG3D	16.8	0.15	K1128	58.713	93.569	7.004	10.426	0.26239	2.66550	4 X
K02F22W	16.3	0.15	K1128	26.875	63.411	53.146	10.314	0.26952	2.71269	6 X
K02F29A	15.7	0.15	K1128	11.439	11.058	135.749	10.359	0.17983	2.74151	5 X
K02F32F	15.7	0.15	K1128	42.902	118.167	15.108	11.825	0.14089	2.66910	4 X
K02F38P	16.0	0.15	K1128	38.203	91.201	32.801	9.049	0.19552	2.69593	4 X
K02G05L	16.1	0.15	K1128	256.094	297.399	8.661	3.634	0.29843	2.08974	7 X
K02G23J	16.1	0.15	K1128	34.622	313.011	195.720	14.424	0.10940	2.71302	6 X
K02G24B	15.4	0.15	K1128	46.821	95.252	29.401	14.114	0.05857	2.77598	4 X
K02G25Z	16.7	0.15	K1128	304.083	123.956	150.010	2.612	0.17096	2.67526	6 X
K02G38Y	16.5	0.15	K1128	33.768	84.314	49.047	3.969	0.14363	2.74081	5 X
K02G41C	16.7	0.15	K1128	39.652	114.823	19.911	9.146	0.07859	2.73125	4 X
K02G74T	16.0	0.15	K1128	295.000	38.808	205.353	3.601	0.10234	2.76077	7 X
K02GI0C	16.5	0.15	K1128	322.531	73.504	167.269	2.137	0.03534	2.70739	5 X

K02GI8F	15.9	0.15	K1128	161.033	327.249	57.572	7.142	0.04821	2.69121	6 X
K02J03O	16.0	0.15	K1128	273.171	240.972	32.532	13.580	0.19216	2.79896	6 X
K02J19L	15.6	0.15	K1128	309.134	142.827	75.910	8.327	0.14272	2.82996	5 X
K02JB4E	16.6	0.15	K1128	338.284	144.969	51.309	11.842	0.22716	2.78053	3 X
K02JC4V	16.7	0.15	K1128	342.491	25.225	154.732	8.762	0.38291	2.77888	4 X
K02JC7V	15.8	0.15	K1128	284.776	104.214	168.628	8.959	0.12099	2.77077	5 X
K02JE0E	16.3	0.15	K1128	226.491	36.180	261.336	5.782	0.29086	2.93437	5 X
K02JE4P	15.3	0.15	K1128	317.001	81.815	151.696	12.462	0.13202	2.77968	6 X
K02K00M	16.4	0.15	K1128	293.072	104.922	177.087	19.741	0.29446	2.80153	4 X
K02N03K	16.4	0.15	K1128	227.875	171.073	114.380	2.213	0.16070	3.05264	6 X
K02N29K	15.7	0.15	K1128	245.077	339.654	299.067	5.625	0.19377	3.01734	6 X
K02N60Z	17.5	0.15	K1128	165.974	32.588	301.912	5.809	0.23691	2.25604	5 X
K02N71U	15.8	0.15	K1128	165.222	33.453	306.891	10.122	0.06528	3.11860	4 X
K02P14O	17.7	0.15	K1128	246.419	70.973	220.061	2.085	0.11545	2.17718	6 X
K02P27K	15.8	0.15	K1128	239.932	353.080	271.888	4.072	0.12276	3.11635	4 X
K02P29F	15.8	0.15	K1128	181.726	213.558	145.162	11.297	0.10423	3.05426	5 X
K02P35B	15.8	0.15	K1128	288.227	98.891	160.446	9.432	0.12610	2.97710	6 X
K02P36R	15.8	0.15	K1128	233.097	356.081	284.684	4.108	0.14036	3.10720	4 W
K02P50K	16.9	0.15	K1128	223.984	165.628	160.933	5.243	0.19014	2.21175	8 X
K02P51B	15.7	0.15	K1128	245.548	121.065	142.316	10.107	0.05418	3.11373	6 X
K02P57L	16.7	0.15	K1128	207.998	355.737	334.988	5.080	0.15711	2.22224	6 X
K02P67X	15.5	0.15	K1128	88.631	109.721	302.147	10.705	0.04472	3.18326	6 X
K02P94A	15.0	0.15	K1128	227.035	313.708	341.780	14.978	0.12446	3.11005	5 X
K02P99W	16.4	0.15	K1128	197.279	286.334	35.209	6.513	0.16106	2.24025	4 X
K02PA2C	17.2	0.15	K1128	196.014	134.027	195.454	5.448	0.12959	2.22161	4 X
K02PA7H	17.5	0.15	K1128	208.586	183.090	121.179	5.993	0.17669	2.22874	5 X
K02PB2R	15.1	0.15	K1128	220.919	339.462	349.368	14.654	0.29566	3.08524	4 X
K02PC4T	17.4	0.15	K1128	157.130	187.262	149.595	4.634	0.24665	2.28677	6 X
K02PDOK	15.8	0.15	K1128	166.816	143.286	236.126	10.977	0.19879	3.07594	4 X
K02PE0K	16.8	0.15	K1128	98.786	57.822	342.551	23.576	0.23198	2.32051	3 X
K02PG1O	15.5	0.15	K1128	219.619	155.334	137.934	13.725	0.13452	3.10909	5 X
K02PH3H	16.0	0.15	K1128	190.309	122.533	192.974	4.684	0.17624	3.16647	7 X
K02PH6V	15.5	0.15	K1128	61.668	305.277	137.736	17.261	0.08887	3.17655	5 X
K02PI4S	17.7	0.15	K1128	196.781	317.034	352.892	4.732	0.08729	2.25347	6 X
K02PI6L	15.5	0.15	K1128	242.575	201.145	72.992	3.753	0.14764	3.08499	7 X
K02PI7P	17.6	0.15	K1128	139.730	36.807	349.747	6.725	0.00508	2.21512	3 X
K02PI8Q	15.3	0.15	K1128	135.072	48.254	340.283	10.345	0.03838	3.10829	4 X
K02PI9Q	15.7	0.15	K1128	165.613	18.536	320.614	15.192	0.10867	3.16773	5 X
K02PJ0F	14.9	0.15	K1128	128.150	276.313	114.147	16.978	0.15764	3.16776	6 X
K02Q06T	16.6	0.15	K1128	162.844	4.907	335.170	24.201	0.15844	2.28878	3 X
K02Q10B	15.9	0.15	K1128	212.801	155.878	202.474	11.621	0.08863	3.01013	6 X
K02Q10C	17.8	0.15	K1128	198.302	16.367	294.076	4.831	0.18511	2.26098	4 X
K02Q44P	14.8	0.15	K1128	205.630	321.616	344.490	21.746	0.12829	3.12676	5 X
K02Q52M	17.1	0.15	K1128	274.660	106.906	138.959	7.665	0.14199	2.21638	5 X
K02Q62C	15.8	0.15	K1128	296.472	100.205	158.770	10.213	0.06813	2.98982	7 X
K02Q65P	15.0	0.15	K1128	50.969	329.763	154.157	11.276	0.06972	3.09128	4 X
K02Q71F	15.9	0.15	K1128	243.165	299.357	334.385	10.261	0.15088	3.06965	4 X
K02Q73S	15.2	0.15	K1128	92.927	65.348	350.668	17.986	0.11164	3.23106	4 X
K02Q81Q	17.6	0.15	K1128	261.228	128.786	124.445	7.083	0.09830	2.24214	4 X
K02Q88T	17.9	0.15	K1128	246.027	106.345	168.101	7.596	0.14012	2.23121	3 X
K02Q99Z	15.3	0.15	K1128	240.111	137.723	133.524	10.212	0.06117	3.16157	5 X
K02QA3G	15.8	0.15	K1128	178.939	174.536	200.754	7.588	0.07204	3.09229	6 X
K02QB5D	15.9	0.15	K1128	200.737	357.900	308.421	14.714	0.07144	3.16873	4 X
K02QB5Z	15.9	0.15	K1128	291.083	283.256	297.545	8.096	0.06967	3.13207	5 X
K02QB6X	17.9	0.15	K1128	109.624	245.820	137.514	6.821	0.09526	2.30281	7 X
K02QB7L	16.0	0.15	K1128	162.182	206.493	173.806	9.412	0.12333	3.07038	6 X
K02QC2S	15.6	0.15	K1128	288.339	269.622	323.236	11.230	0.12546	3.11662	5 X
K02QC4H	17.9	0.15	K1128	126.044	243.922	161.271	6.846	0.09044	2.22184	4 X
K02QC6E	15.3	0.15	K1128	194.442	255.806	79.457	11.187	0.13221	3.11601	6 X
K02QD4J	18.2	0.15	K1128	200.204	233.262	75.719	2.757	0.12076	2.25653	4 X
K02R12Z	17.1	0.15	K1128	172.211	17.440	358.821	3.859	0.21676	2.23761	5 X
K02R18S	16.3	0.15	K1128	75.893	56.587	11.921	5.524	0.21501	2.33687	6 X
K02R35Q	15.1	0.15	K1128	235.235	124.006	179.982	16.041	0.08996	3.06228	7 X
K02R48F	16.9	0.15	K1128	97.595	4.750	19.985	2.602	0.21061	2.35223	5 X
K02R51H	15.2	0.15	K1128	211.568	330.601	12.717	13.861	0.20486	3.07951	4 X
K02R68R	17.3	0.15	K1128	183.894	2.851	344.877	3.258	0.14974	2.24595	5 X
K02R77Z	17.2	0.15	K1128	96.458	346.414	33.010	0.994	0.23540	2.36052	4 X
K02R79C	17.4	0.15	K1128	151.503	347.064	358.231	5.220	0.19042	2.29917	5 X
K02R92P	16.5	0.15	K1128	87.971	21.705	13.486	5.674	0.17171	2.36377	5 X
K02RB7G	17.7	0.15	K1128	219.170	302.702	348.853	2.284	0.15969	2.25103	4 X
K02RC3F	17.0	0.15	K1128	99.673	311.921	82.968	6.407	0.17038	2.33740	7 X
K02RH2K	17.3	0.15	K1128	249.546	244.659	63.979	5.257	0.17398	2.17769	6 X
K02RK3A	17.3	0.15	K1128	149.144	35.557	315.091	6.408	0.14400	2.30506	4 X
K02RK4T	16.2	0.15	K1128	250.742	128.095	167.375	10.134	0.10999	3.05497	4 X
K02RK5R	15.7	0.15	K1128	166.797	168.644	192.634	8.680	0.19793	3.19056	5 X
K02RN2D	15.3	0.15	K1128	262.298	277.828	340.387	14.924	0.06471	3.12611	5 X
K02RO8T	15.8	0.15	K1128	191.468	146.008	164.259	12.639	0.05749	3.23426	6 X

K02RQ8W	17.3	0.15	K1128	321.048	213.790	334.223	6.262	0.07778	2.25441	4 X
K02RR4V	15.5	0.15	K1128	301.839	82.789	130.073	6.243	0.11585	3.12610	8 X
K02S00Z	20.4	0.15	K1128	287.940	276.453	346.936	22.896	0.43336	1.29756	4 X
K02S07K	16.2	0.15	K1128	242.794	280.839	30.235	5.325	0.19095	3.06854	6 X
K02S26S	16.9	0.15	K1128	117.053	239.191	192.822	6.589	0.08091	2.24249	6 X
K02S37T	17.2	0.15	K1128	118.139	160.056	208.569	4.059	0.17354	2.35658	5 X
K02S37W	15.5	0.15	K1128	255.313	301.026	19.913	9.963	0.20268	3.01956	3 X
K02S41Y	17.4	0.15	K1128	115.200	350.918	18.310	1.361	0.20374	2.35127	5 X
K02S71R	16.9	0.15	K1128	280.721	147.707	99.842	7.335	0.06778	2.24094	7 X
K02S72L	15.5	0.15	K1128	316.685	224.167	343.489	13.436	0.17652	3.11638	5 X
K02S73Y	15.4	0.15	K1128	290.642	94.324	124.883	12.109	0.03126	3.19196	5 X
K02T00Q	15.1	0.15	K1128	178.154	326.749	32.803	13.237	0.11481	3.17674	5 X
K02T21D	15.9	0.15	K1128	197.981	338.806	4.439	6.071	0.21375	3.14866	5 X
K02T21S	17.5	0.15	K1128	67.075	215.150	194.299	2.249	0.22200	2.39774	5 X
K02T47H	16.4	0.15	K1128	67.974	44.461	8.440	3.030	0.18551	2.41002	3 X
K02T49B	16.9	0.15	K1128	86.664	18.387	20.440	5.038	0.23412	2.39448	4 X
K02T54N	16.7	0.15	K1128	239.768	316.343	26.165	6.609	0.19092	2.18926	6 X
K02T60W	17.6	0.15	K1128	88.531	21.941	10.810	1.220	0.19351	2.38449	6 X
K02T62X	16.9	0.15	K1128	78.118	94.018	339.443	4.476	0.13543	2.33248	4 X
K02T63X	17.5	0.15	K1128	184.569	4.834	340.435	5.300	0.18694	2.25647	5 X
K02T64X	16.3	0.15	K1128	60.854	275.465	168.873	20.676	0.27647	2.37882	4 X
K02T86V	15.1	0.15	K1128	47.553	115.493	16.748	16.255	0.05048	3.19407	5 X
K02T96O	16.9	0.15	K1128	241.667	261.912	18.333	7.070	0.10303	2.28707	6 X
K02TA2R	17.3	0.15	K1128	194.055	98.375	218.584	4.775	0.19054	2.27697	5 X
K02TD1M	17.5	0.15	K1128	72.991	93.538	331.315	5.287	0.22013	2.36346	6 X
K02TJ3Q	16.9	0.15	K1128	59.433	31.916	40.260	5.125	0.15945	2.37365	5 X
K02TK2Z	15.3	0.15	K1128	184.097	343.488	26.404	24.687	0.16984	3.12594	4 X
K02TM5F	17.4	0.15	K1128	87.630	116.482	272.218	2.344	0.28547	2.39392	3 X
K02TM9L	17.6	0.15	K1128	112.964	178.521	198.705	5.704	0.13665	2.34762	5 X
K02TO9Y	15.6	0.15	K1128	293.146	239.782	25.110	10.568	0.11989	3.07731	5 X
K02TR1K	16.9	0.15	K1128	163.845	49.969	288.139	2.447	0.18406	2.30839	6 X
K02TS9Z	16.4	0.15	K1128	119.240	25.824	3.665	5.941	0.30235	2.34895	4 X
K02TU8X	15.9	0.15	K1128	246.775	173.993	123.655	7.142	0.02935	3.19104	5 X
K02Tc5S	16.9	0.15	K1128	274.065	229.312	21.754	9.586	0.14196	2.29462	4 X
K02U18V	17.6	0.15	K1128	127.516	0.947	359.548	1.327	0.20209	2.35285	4 X
K02U20X	16.7	0.15	K1128	185.998	65.478	275.541	3.600	0.26461	2.27609	5 X
K02U24U	16.8	0.15	K1128	256.378	264.146	41.621	6.064	0.20881	2.20611	6 X
K02U43W	16.0	0.15	K1128	287.739	110.732	185.959	1.059	0.16230	3.04517	8 X
K02V29L	16.9	0.15	K1128	75.300	11.113	46.050	5.075	0.15888	2.40471	4 X
K02V35H	17.2	0.15	K1128	116.839	305.982	63.547	2.942	0.19889	2.38615	4 X
K02V36A	17.4	0.15	K1128	92.603	333.089	56.774	2.160	0.19179	2.39900	3 X
K02V59W	18.0	0.15	K1128	57.524	3.028	56.367	1.509	0.23123	2.43069	4 X
K02V97Q	17.4	0.15	K1128	84.557	17.334	27.438	3.237	0.11909	2.40234	6 X
K02VA2U	17.4	0.15	K1128	103.423	64.300	343.764	2.360	0.16724	2.35211	7 X
K02VC7F	16.7	0.15	K1128	140.504	347.799	48.615	7.456	0.10528	2.31404	3 X
K02W26O	17.5	0.15	K1128	127.577	145.136	209.445	5.617	0.26392	2.37366	4 X
K02W28Z	17.9	0.15	K1128	71.004	285.238	122.130	2.105	0.22596	2.41918	5 X
K02X22X	16.9	0.15	K1128	64.367	349.674	58.190	7.110	0.20903	2.44959	5 X
K02X24C	17.5	0.15	K1128	89.383	346.932	77.543	5.709	0.16857	2.37878	3 X
K02X74A	16.0	0.15	K1128	348.457	198.435	275.344	6.270	0.18507	2.52302	5 X
K02X74D	16.6	0.15	K1128	52.013	5.026	58.526	8.632	0.18726	2.46015	6 X
K02X91C	19.7	0.15	K1128	264.581	225.548	102.507	10.793	0.58984	1.47693	3 X
K02XB8D	16.9	0.15	K1128	24.364	282.448	187.619	7.526	0.16352	2.43927	5 X
K02XB8S	18.2	0.15	K1128	34.949	270.131	180.600	1.916	0.17916	2.43778	3 W
K02Y20M	16.4	0.15	K1128	332.096	211.817	284.922	3.998	0.21763	2.54010	3 X
K03A57B	16.5	0.15	K1128	48.551	30.283	84.461	5.547	0.13791	2.43806	4 X
K03B19S	14.6	0.15	K1128	8.117	143.701	347.824	14.155	0.20789	3.98849	4 X
K03B28R	17.0	0.15	K1128	356.999	357.107	143.843	24.089	0.06717	1.93556	3 X
K03B37S	16.9	0.15	K1128	73.224	284.147	153.028	24.623	0.11280	1.91810	4 X
K03B38N	16.9	0.15	K1128	3.114	30.580	115.820	5.200	0.09730	2.47970	3 X
K03B49O	16.6	0.15	K1128	292.817	80.827	105.781	5.877	0.22243	2.58930	7 X
K03B66C	17.3	0.15	K1128	37.693	312.535	136.137	7.541	0.20802	2.52038	4 X
K03C08D	15.8	0.15	K1128	344.159	157.124	15.203	7.215	0.10770	2.52513	9 X
K03E02C	16.5	0.15	K1128	13.586	101.013	27.520	6.245	0.09148	2.52722	8 X
K03E03D	16.5	0.15	K1128	297.001	75.178	103.390	5.465	0.20044	2.61278	4 X
K03E17F	16.7	0.15	K1128	297.215	122.073	105.639	5.742	0.18984	2.54124	6 X
K03E17V	16.1	0.15	K1128	19.264	59.795	85.797	5.097	0.14493	2.52696	8 X
K03E46X	16.3	0.15	K1128	175.902	335.574	352.295	7.485	0.15566	2.57895	4 X
K03E57L	16.5	0.15	K1128	326.565	85.326	120.120	11.899	0.25541	2.55106	4 X
K03F03Y	16.9	0.15	K1128	12.978	134.760	4.933	22.319	0.13221	1.92498	3 X
K03F62O	16.7	0.15	K1128	326.748	136.131	55.969	2.982	0.13810	2.56239	5 X
K03F74Q	16.6	0.15	K1128	293.124	82.089	155.191	9.778	0.16220	2.58704	4 X
K03F91B	15.9	0.15	K1128	253.491	293.241	340.116	11.443	0.26763	2.63951	4 X
K03FA5W	16.4	0.15	K1128	312.518	94.994	115.133	6.016	0.11184	2.56945	4 X
K03FD2F	18.0	0.15	K1128	311.428	9.577	200.962	3.643	0.18218	2.57585	4 X
K03G01U	16.3	0.15	K1128	335.714	80.697	88.259	6.671	0.13402	2.57683	5 X
K03G16F	16.3	0.15	K1128	254.206	182.594	84.177	6.702	0.09808	2.57198	8 X

K03G24C	16.3	0.15	K1128	285.933	226.049	28.070	17.198	0.10589	2.54145	5 X
K03G25Z	16.9	0.15	K1128	97.649	49.109	13.424	16.225	0.16953	2.52375	6 X
K03G36H	15.6	0.15	K1128	302.225	117.209	114.628	13.120	0.23486	2.56556	5 X
K03G48Z	16.4	0.15	K1128	112.429	223.728	161.470	15.439	0.03193	2.57369	6 X
K03H02Y	17.0	0.15	K1128	81.856	74.151	22.524	14.270	0.04680	2.52788	4 X
K03H22L	16.2	0.15	K1128	353.555	162.287	15.978	8.460	0.05371	2.54812	5 X
K03H34X	17.1	0.15	K1128	152.325	350.655	28.161	15.819	0.13487	2.54282	2 W
K03J07T	16.8	0.15	K1128	335.656	135.016	70.223	8.832	0.26220	2.55032	6 X
K03K03R	16.5	0.15	K1128	319.359	179.641	47.114	19.549	0.19981	2.58184	3 X
K03K08L	17.7	0.15	K1128	271.048	92.506	198.430	11.753	0.09521	2.57766	5 X
K03K17L	16.6	0.15	K1128	285.624	147.012	96.583	5.501	0.21656	2.64753	3 X
K03Q04D	16.4	0.15	K1128	217.547	169.822	169.359	9.179	0.12771	2.76294	4 X
K03Q14G	15.8	0.15	K1128	264.943	118.059	180.482	17.620	0.17544	2.71376	5 X
K03Q26T	15.1	0.15	K1128	109.826	56.258	335.211	16.002	0.26218	3.09342	4 X
K03R00K	15.6	0.15	K1128	258.498	142.894	181.641	26.970	0.33994	2.66020	4 X
K03R20X	15.3	0.15	K1128	128.533	339.444	61.811	2.834	0.04226	2.92106	6 X
K03S23K	15.1	0.15	K1128	126.884	33.493	332.837	16.147	0.09509	3.07985	5 X
K03S32E	14.7	0.15	K1128	153.032	346.521	348.034	21.340	0.21817	3.10255	4 X
K03S43A	15.6	0.15	K1128	104.079	70.098	312.098	8.357	0.20530	3.10470	3 X
K03S69P	17.0	0.15	K1128	150.691	15.511	326.657	1.089	0.21480	3.06813	5 X
K03S74B	15.1	0.15	K1128	221.253	116.976	200.226	5.449	0.06193	2.91046	7 X
K03S79H	15.9	0.15	K1128	108.312	59.760	336.121	8.519	0.21631	3.09801	3 X
K03S82B	15.9	0.15	K1128	117.637	5.855	12.507	5.814	0.06716	3.08817	4 X
K03SA2A	15.2	0.15	K1128	99.692	47.429	330.674	25.882	0.16830	3.16535	4 X
K03SB1Q	15.9	0.15	K1128	72.875	51.548	21.712	26.924	0.35577	3.20989	4 X
K03SB5X	14.6	0.15	K1128	82.724	146.224	250.628	16.718	0.21438	3.15611	4 X
K03SF1O	15.0	0.15	K1128	77.037	295.429	139.304	9.923	0.07063	3.03767	4 X
K03SG2C	15.5	0.15	K1128	239.954	266.748	12.869	9.763	0.03756	3.03159	5 X
K03SG4W	15.4	0.15	K1128	109.372	226.141	181.876	10.734	0.07907	3.07033	4 X
K03SG8N	15.1	0.15	K1128	207.597	272.329	54.337	13.466	0.11245	2.88644	7 X
K03SH8L	16.0	0.15	K1128	141.956	113.553	238.319	5.412	0.14172	3.09710	4 X
K03SL8H	15.4	0.15	K1128	18.704	118.359	358.227	11.549	0.03488	3.08431	5 X
K03SM5J	15.9	0.15	K1128	105.073	10.965	5.149	4.666	0.18007	3.19977	3 X
K03SQ3Z	15.1	0.15	K1128	172.968	310.767	26.480	10.182	0.07384	3.03733	7 X
K03SQ6C	15.4	0.15	K1128	46.570	66.551	27.838	5.037	0.11359	3.14047	5 X
K03SR7Y	15.8	0.15	K1128	92.446	52.846	348.490	12.626	0.09228	3.15091	3 X
K03SR9K	15.6	0.15	K1128	105.363	239.823	132.497	11.195	0.24733	3.17677	5 X
K03SS1F	16.1	0.15	K1128	239.454	277.485	44.345	9.634	0.15559	2.81337	3 X
K03SS1H	15.5	0.15	K1128	298.836	109.780	141.742	6.577	0.04774	2.88689	5 X
K03SS1Z	15.1	0.15	K1128	104.231	41.584	348.089	9.457	0.07826	3.13345	5 X
K03SS9J	16.1	0.15	K1128	102.110	33.054	31.577	10.874	0.09984	3.00814	4 X
K03SU3T	16.5	0.15	K1128	253.420	132.939	176.271	8.779	0.21087	2.79234	5 X
K03SV0Q	15.5	0.15	K1128	133.291	301.422	85.057	11.606	0.13535	3.02855	5 X
K03SW2V	16.1	0.15	K1128	85.411	67.883	333.664	9.283	0.12392	3.11201	3 X
K03SW5N	16.6	0.15	K1128	75.599	48.094	57.266	2.510	0.01385	2.91601	6 X
K03Sc2T	16.7	0.15	K1128	182.702	145.813	171.774	10.986	0.08827	3.03920	5 X
K03Sc7N	16.5	0.15	K1128	79.064	359.641	98.403	3.331	0.05288	2.96044	7 X
K03Sc8Y	16.4	0.15	K1128	162.904	168.750	170.495	10.208	0.07641	3.06389	6 X
K03Sd3K	16.3	0.15	K1128	57.943	319.539	118.602	6.617	0.04381	3.14096	3 X
K03Sd5V	16.6	0.15	K1128	134.024	245.633	153.507	11.317	0.08370	2.99959	3 X
K03Sd9O	16.4	0.15	K1128	92.195	262.993	137.771	11.754	0.07598	3.19378	3 X
K03T03O	15.6	0.15	K1128	77.835	20.134	37.217	15.277	0.24944	3.19855	3 X
K03T52Y	15.7	0.15	K1128	247.118	255.217	35.788	15.495	0.11720	2.91337	4 X
K03T54H	16.5	0.15	K1128	194.367	176.913	174.644	12.191	0.06342	2.92040	5 X
K03U14B	15.7	0.15	K1128	92.888	86.165	347.032	9.353	0.07556	3.02604	4 X
K03U29N	15.4	0.15	K1128	62.475	8.794	47.414	9.186	0.17890	3.32170	4 X
K03U49V	15.7	0.15	K1128	118.235	46.086	351.121	10.168	0.21283	3.11732	3 X
K03U63R	15.6	0.15	K1128	197.120	220.578	125.121	6.989	0.09574	2.92837	6 X
K03U80G	16.0	0.15	K1128	124.251	357.022	48.323	9.407	0.08822	3.00066	5 X
K03U94Y	18.1	0.15	K1128	176.853	301.503	24.852	4.646	0.10724	2.12736	6 X
K03UA2T	14.9	0.15	K1128	115.571	352.302	39.030	11.411	0.07010	3.11006	8 X
K03UB7J	15.0	0.15	K1128	205.357	268.984	60.504	10.395	0.07257	2.98872	8 X
K03UCOM	16.5	0.15	K1128	148.361	354.955	40.383	10.618	0.09719	2.98505	4 X
K03UC8D	15.6	0.15	K1128	67.079	93.663	15.346	15.792	0.06897	3.05018	5 X
K03UD6Y	18.1	0.15	K1128	50.983	40.946	43.369	4.726	0.15270	2.18459	4 X
K03UE2F	16.4	0.15	K1128	268.320	115.059	167.743	15.135	0.13928	2.86444	4 X
K03UF2G	17.9	0.15	K1128	78.424	66.245	6.532	6.839	0.14923	2.15755	4 X
K03UH2R	15.3	0.15	K1128	231.230	152.548	170.081	10.361	0.06422	2.93686	6 X
K03UJ6P	15.8	0.15	K1128	202.265	291.267	30.375	9.903	0.07977	3.03821	5 X
K03UM1T	15.5	0.15	K1128	85.382	335.410	71.095	6.181	0.14064	3.21375	3 X
K03UQ6N	15.4	0.15	K1128	208.316	267.178	46.616	5.760	0.15677	3.02529	4 X
K03UR7S	15.7	0.15	K1128	68.726	64.588	31.594	15.586	0.20574	3.08007	4 X
K03UV8G	16.4	0.15	K1128	130.070	189.143	174.907	11.035	0.08305	3.12516	6 X
K03UZ1K	17.0	0.15	K1128	298.191	75.999	136.112	5.227	0.05167	3.04926	4 X
K03Ub6O	16.6	0.15	K1128	292.627	249.496	0.704	14.810	0.11693	2.84174	3 X
K03W00D	16.4	0.15	K1128	102.390	316.480	69.466	2.203	0.12562	3.22286	3 X
K03W18S	15.4	0.15	K1128	191.656	18.168	299.252	10.664	0.32735	3.04908	5 X

K03W27H	16.1	0.15	K1128	101.238	55.091	21.929	9.783	0.06193	3.07888	3 X
K03W36M	15.9	0.15	K1128	169.918	327.934	52.415	10.522	0.05767	3.03778	5 X
K03W54G	15.2	0.15	K1128	69.350	55.230	35.107	13.261	0.04574	3.13391	5 X
K03W57P	15.9	0.15	K1128	181.854	79.358	264.441	2.321	0.24651	3.03204	5 X
K03W80G	15.5	0.15	K1128	194.280	351.376	350.310	11.457	0.12789	2.98621	4 X
K03W92A	17.8	0.15	K1128	85.869	262.221	136.207	3.969	0.17969	2.20588	4 X
K03WB5C	14.9	0.15	K1128	114.064	9.851	20.473	6.795	0.17430	3.21641	8 X
K03WG2R	16.1	0.15	K1128	122.412	324.613	82.426	6.058	0.13537	3.10417	3 X
K03WG4E	18.0	0.15	K1128	112.573	143.904	233.424	1.213	0.12861	2.20063	7 X
K03WG8M	16.0	0.15	K1128	140.879	231.893	170.617	11.399	0.12359	3.02632	6 X
K03WH4T	15.7	0.15	K1128	77.908	48.410	32.846	10.437	0.17092	3.11255	3 X
K03X06T	14.9	0.15	K1128	144.341	279.584	93.253	14.554	0.19198	3.18066	4 X
K03Y28L	16.9	0.15	K1128	69.968	338.186	82.638	8.844	0.15235	2.22411	7 X
K03Y76H	17.2	0.15	K1128	64.404	339.860	65.852	7.108	0.21403	2.26232	4 X
K03Y93B	17.3	0.15	K1128	15.363	296.282	187.071	5.945	0.12148	2.24199	5 X
K03YC6N	17.1	0.15	K1128	22.952	117.590	353.779	5.670	0.21378	2.26019	3 X
K03YD8W	15.6	0.15	K1128	44.740	357.242	124.477	25.905	0.22178	2.26864	4 X
K04A05S	17.4	0.15	K1128	30.467	276.420	216.257	5.005	0.12180	2.23716	5 X
K04A07A	17.5	0.15	K1128	345.035	214.859	304.563	7.424	0.05273	2.26893	4 X
K04A23T	18.7	0.15	K1128	15.238	219.439	265.969	2.405	0.12529	2.27587	3 X
K04B03C	16.8	0.15	K1128	80.810	118.085	307.937	4.712	0.11976	2.24807	4 X
K04BA8X	16.6	0.15	K1128	325.092	166.567	39.501	6.203	0.15621	2.27557	6 X
K04BB0V	16.7	0.15	K1128	336.620	70.879	101.581	7.145	0.02666	2.26663	5 X
K04BB9G	16.8	0.15	K1128	323.383	155.460	41.395	8.672	0.16655	2.29941	4 X
K04BD8W	17.9	0.15	K1128	324.100	80.148	318.577	2.589	0.19590	2.55793	4 X
K04C05V	17.4	0.15	K1128	47.013	80.944	22.012	6.269	0.03163	2.27933	5 X
K04C28L	17.8	0.15	K1128	278.799	167.552	103.809	1.893	0.13876	2.20736	9 X
K04C47P	17.5	0.15	K1128	73.889	290.864	123.130	5.763	0.13190	2.31621	3 X
K04C95S	17.0	0.15	K1128	329.493	218.412	6.122	3.959	0.19534	2.27210	5 X
K04CA8K	17.7	0.15	K1128	46.283	46.730	39.730	5.870	0.17520	2.29494	3 X
K04CA8R	17.1	0.15	K1128	16.467	335.667	196.815	5.110	0.10437	2.23454	5 X
K04CA9Y	16.7	0.15	K1128	322.744	51.736	150.244	23.064	0.15537	2.31620	3 X
K04CB7Q	17.0	0.15	K1128	60.033	258.786	167.983	5.457	0.13649	2.29979	5 X
K04CB8F	17.5	0.15	K1128	50.748	306.458	137.809	7.407	0.07962	2.30545	2 X
K04CC3V	18.2	0.15	K1128	78.607	93.474	335.424	2.541	0.16181	2.26671	7 X
K04D07C	16.5	0.15	K1128	284.017	261.268	330.654	6.679	0.07437	2.31799	5 X
K04D12U	16.0	0.15	K1128	321.234	71.261	151.787	8.671	0.12616	2.28504	5 X
K04D19L	17.7	0.15	K1128	27.212	144.982	350.246	2.472	0.10769	2.26778	5 X
K04D23T	16.8	0.15	K1128	111.020	273.988	149.898	7.106	0.09332	2.21148	6 X
K04D27B	17.3	0.15	K1128	301.398	119.029	116.442	3.839	0.18683	2.30518	6 X
K04D38A	16.0	0.15	K1128	321.078	61.938	173.602	23.428	0.19938	2.29540	6 X
K04D39Z	17.3	0.15	K1128	298.302	73.321	164.343	6.875	0.07079	2.26903	6 X
K04D43S	17.5	0.15	K1128	326.439	63.304	133.242	4.374	0.18779	2.31808	4 X
K04D48X	16.7	0.15	K1128	86.872	274.444	169.393	7.110	0.06097	2.26975	7 X
K04D51R	16.6	0.15	K1128	359.993	147.161	3.043	8.021	0.04046	2.33037	5 X
K04D57M	17.6	0.15	K1128	354.742	46.524	129.921	7.702	0.08852	2.24767	3 X
K04D59E	17.3	0.15	K1128	316.272	157.516	50.790	3.059	0.16378	2.31920	5 X
K04D60U	18.3	0.15	K1128	19.676	227.822	269.263	0.744	0.14923	2.28335	5 X
K04D63C	16.8	0.15	K1128	256.696	297.864	355.084	7.561	0.15752	2.24966	4 X
K04D65Y	17.4	0.15	K1128	11.884	11.708	113.797	1.863	0.15931	2.32755	3 X
K04E04F	16.2	0.15	K1128	28.185	100.668	16.014	22.985	0.17096	2.31048	4 X
K04E09B	16.6	0.15	K1128	320.341	145.381	72.118	6.401	0.18255	2.33557	4 X
K04E12C	16.3	0.15	K1128	5.766	27.842	156.008	7.033	0.10584	2.24357	6 X
K04E12P	16.9	0.15	K1128	130.464	19.432	348.926	4.881	0.02743	2.35374	5 X
K04E21Q	18.3	0.15	K1128	11.655	110.070	17.349	1.458	0.13528	2.34007	6 X
K04E22T	17.2	0.15	K1128	72.772	76.520	22.643	7.273	0.05693	2.28048	5 X
K04E25A	16.6	0.15	K1128	282.428	239.057	13.701	6.990	0.18859	2.32096	5 X
K04E32B	16.3	0.15	K1128	327.716	188.150	15.075	24.810	0.16117	2.34170	3 X
K04E35G	16.3	0.15	K1128	300.009	80.232	155.230	8.758	0.16529	2.33566	5 X
K04E36F	17.0	0.15	K1128	305.035	37.264	204.512	5.921	0.17702	2.29043	4 X
K04E44F	16.9	0.15	K1128	294.179	228.906	355.426	6.621	0.14130	2.35604	4 X
K04E62N	17.5	0.15	K1128	23.047	36.973	130.880	0.748	0.12700	2.25462	4 X
K04E69Z	17.8	0.15	K1128	9.771	342.520	171.969	6.069	0.07951	2.30086	5 X
K04E85J	16.5	0.15	K1128	254.621	228.617	35.447	7.611	0.11286	2.35199	5 X
K04E85S	16.0	0.15	K1128	227.736	269.782	54.938	6.574	0.17813	2.28813	10 X
K04F14M	16.8	0.15	K1128	335.157	181.902	10.010	5.048	0.20367	2.33769	3 X
K04F23E	17.4	0.15	K1128	37.692	282.758	177.743	6.719	0.06746	2.35295	5 X
K04F52C	17.2	0.15	K1128	8.183	15.920	147.999	3.067	0.09692	2.29644	3 X
K04F55K	16.9	0.15	K1128	245.507	262.079	6.687	4.958	0.10713	2.34669	7 X
K04F66L	17.6	0.15	K1128	344.668	97.748	82.804	4.046	0.19248	2.29861	5 X
K04F95X	16.5	0.15	K1128	326.902	115.426	85.018	6.145	0.08793	2.30199	3 X
K04F98L	16.1	0.15	K1128	298.982	76.717	149.012	11.430	0.12669	2.34642	5 X
K04F98Y	16.9	0.15	K1128	21.369	315.692	182.281	5.177	0.13543	2.30993	6 X
K04FA9L	17.3	0.15	K1128	329.146	192.044	4.738	3.668	0.17657	2.33409	4 X
K04FC0E	18.0	0.15	K1128	61.776	270.103	168.661	6.657	0.05857	2.34582	5 X
K04FC2C	17.0	0.15	K1128	342.456	4.814	163.053	5.613	0.19932	2.35486	2 X
K04FC3S	17.4	0.15	K1128	105.195	348.041	30.552	2.778	0.19831	2.46777	5 X

K04FC3Y	17.3	0.15	K1128	342.120	69.948	97.558	2.161	0.12966	2.35753	5 X
K04FC6W	16.6	0.15	K1128	1.173	348.941	179.259	4.082	0.12813	2.31360	6 X
K04FE5Y	16.8	0.15	K1128	331.841	153.726	17.370	4.836	0.10145	2.37900	6 X
K04G00X	18.4	0.15	K1128	327.797	16.999	194.547	1.562	0.22237	2.31721	3 W
K04G05O	16.9	0.15	K1128	332.971	191.780	17.369	8.153	0.13181	2.32001	5 X
K04G08K	18.2	0.15	K1128	272.008	251.793	27.255	6.470	0.12325	2.32252	3 X
K04G23A	17.2	0.15	K1128	243.373	211.126	66.796	1.664	0.18191	2.40580	5 X
K04G28T	17.0	0.15	K1128	25.409	79.274	40.540	21.852	0.29964	2.33210	4 X
K04G31Z	16.8	0.15	K1128	357.193	74.977	77.251	4.996	0.05703	2.36968	7 X
K04G39L	16.6	0.15	K1128	273.696	256.547	39.636	8.157	0.31057	2.35612	4 X
K04G40P	17.2	0.15	K1128	7.749	63.424	61.584	3.255	0.15938	2.38765	5 X
K04G42D	16.3	0.15	K1128	313.330	98.872	93.371	6.900	0.08628	2.39456	6 X
K04G53U	17.5	0.15	K1128	253.073	268.822	17.458	2.235	0.08226	2.33847	6 X
K04G60M	17.1	0.15	K1128	287.909	52.513	179.752	6.585	0.12514	2.38232	5 X
K04G78S	17.1	0.15	K1128	326.477	206.264	339.306	0.852	0.12810	2.36373	6 X
K04H04J	17.1	0.15	K1128	345.091	110.803	59.791	4.893	0.16381	2.34827	4 X
K04H17J	16.7	0.15	K1128	235.662	126.947	208.049	5.702	0.07211	2.27086	6 X
K04H25E	17.3	0.15	K1128	252.715	206.047	63.730	3.172	0.21328	2.41557	4 X
K04H25H	16.2	0.15	K1128	203.862	154.110	201.779	11.617	0.21065	2.32481	4 X
K04H44L	17.2	0.15	K1128	284.844	97.125	138.394	5.353	0.15781	2.38886	4 X
K04H47J	16.8	0.15	K1128	14.410	71.675	66.097	3.198	0.12990	2.36613	5 X
K04J06N	17.7	0.15	K1128	298.981	37.287	213.526	2.363	0.22047	2.35844	5 X
K04J13O	17.3	0.15	K1128	266.626	351.381	262.030	4.104	0.14849	2.41254	4 X
K04J14O	16.6	0.15	K1128	242.162	152.276	123.778	5.086	0.09565	2.44416	5 X
K04J14Q	16.8	0.15	K1128	311.416	119.361	86.289	5.853	0.20408	2.40208	4 X
K04J16T	17.5	0.15	K1128	326.912	10.822	215.299	1.894	0.14020	2.32650	6 X
K04J24H	16.9	0.15	K1128	358.781	109.690	65.216	5.116	0.10505	2.35982	6 X
K04J28P	17.3	0.15	K1128	293.572	24.569	206.256	4.847	0.18632	2.39469	5 X
K04J28T	17.0	0.15	K1128	254.172	155.783	106.991	3.202	0.15430	2.42727	5 X
K04J30C	17.0	0.15	K1128	301.103	171.243	80.496	3.425	0.15896	2.35557	5 X
K04K08P	17.0	0.15	K1128	319.110	197.216	14.788	6.415	0.18687	2.37225	5 X
K04L15T	17.0	0.15	K1128	309.323	31.069	203.370	5.277	0.17313	2.38214	6 X
K04N10O	17.1	0.15	K1128	230.486	200.629	116.969	3.551	0.18080	2.47950	7 X
K04N21V	16.1	0.15	K1128	168.860	197.575	133.140	15.252	0.25787	2.68110	7 X
K04N32S	17.6	0.15	K1128	224.377	323.634	321.982	19.235	0.08666	1.88351	4 X
K04N32T	17.2	0.15	K1128	223.693	274.198	56.359	3.376	0.19548	2.47154	5 X
K04O03Z	15.8	0.15	K1128	207.706	160.360	144.419	13.954	0.15182	2.60253	5 X
K04P00G	17.9	0.15	K1128	302.345	57.941	153.098	23.737	0.07471	1.86684	3 X
K04P00M	16.5	0.15	K1128	158.837	153.584	184.948	9.111	0.20902	2.69907	6 X
K04P20V	16.8	0.15	K1128	206.119	143.960	160.627	13.223	0.18359	2.63949	4 X
K04P20Z	17.1	0.15	K1128	169.045	136.129	222.167	2.297	0.16649	2.59818	5 X
K04P21K	17.2	0.15	K1128	335.399	188.143	344.523	20.943	0.04496	1.89662	5 X
K04P33F	16.0	0.15	K1128	105.688	240.790	141.557	14.555	0.13816	2.76621	2 X
K04P37D	15.8	0.15	K1128	287.407	262.442	323.562	14.259	0.05622	2.61274	6 X
K04P38J	16.1	0.15	K1128	205.833	170.930	136.863	6.460	0.24348	2.62783	5 X
K04P42K	17.0	0.15	K1128	202.569	69.162	242.948	2.639	0.19206	2.60411	3 X
K04P50F	16.5	0.15	K1128	185.121	341.882	335.267	12.289	0.21005	2.65755	4 X
K04P50X	17.0	0.15	K1128	273.147	190.065	111.434	4.458	0.29116	2.42130	4 X
K04P72L	16.5	0.15	K1128	221.723	177.957	115.752	2.516	0.16708	2.57303	7 X
K04P80M	16.1	0.15	K1128	209.345	170.596	172.169	15.048	0.12274	2.54490	4 X
K04P92U	17.1	0.15	K1128	248.323	322.080	333.468	9.387	0.21434	2.54841	3 X
K04P97G	16.4	0.15	K1128	146.973	2.234	342.741	12.800	0.19940	2.70936	4 X
K04PA8Q	16.6	0.15	K1128	186.233	315.559	3.314	3.048	0.21134	2.66970	4 X
K04PB1S	17.6	0.15	K1128	251.982	102.246	153.520	24.450	0.02856	1.89246	2 X
K04PB4L	15.8	0.15	K1128	256.639	144.383	144.508	13.722	0.27727	2.53630	6 X
K04Q09Z	16.0	0.15	K1128	116.975	247.135	134.101	15.866	0.17938	2.76059	4 X
K04Q25T	15.6	0.15	K1128	140.617	215.929	135.341	11.356	0.22020	2.78439	4 X
K04R00H	16.2	0.15	K1128	116.632	136.075	242.999	2.825	0.10813	2.75708	4 X
K04R00X	18.3	0.15	K1128	239.690	304.515	347.202	21.670	0.16546	1.85054	4 X
K04R19O	16.2	0.15	K1128	179.311	165.975	155.965	5.960	0.05535	2.70788	5 X
K04R19S	16.5	0.15	K1128	221.657	164.822	149.803	4.845	0.06018	2.58913	9 X
K04R32X	15.7	0.15	K1128	82.367	37.910	353.026	14.670	0.14643	2.85911	4 X
K04R41U	16.5	0.15	K1128	151.525	63.702	276.253	6.632	0.32384	2.75617	3 X
K04R43N	16.2	0.15	K1128	117.084	206.309	183.803	8.447	0.21290	2.74578	5 X
K04R45H	15.9	0.15	K1128	280.022	258.125	339.485	13.672	0.07033	2.63965	5 X
K04R53T	16.5	0.15	K1128	222.370	168.409	128.783	4.036	0.23086	2.61295	6 X
K04R63G	15.7	0.15	K1128	167.553	355.833	350.619	13.294	0.08108	2.69570	8 X
K04R63O	16.3	0.15	K1128	145.215	220.761	170.714	11.989	0.14182	2.65415	6 X
K04R66O	16.5	0.15	K1128	125.038	32.851	359.566	8.078	0.19561	2.73911	6 X
K04R69H	16.2	0.15	K1128	212.965	152.444	166.334	11.527	0.15062	2.62738	4 X
K04RA4F	16.0	0.15	K1128	224.604	10.678	279.314	6.984	0.20292	2.64636	5 X
K04RA8H	16.5	0.15	K1128	126.176	70.715	290.703	7.318	0.16966	2.79152	4 X
K04RA9K	17.7	0.15	K1128	347.465	172.078	354.472	18.249	0.06808	1.90181	4 X
K04RD0K	16.9	0.15	K1128	179.220	330.084	351.129	3.093	0.07727	2.71176	6 X
K04RF0S	16.3	0.15	K1128	86.869	254.754	180.645	8.988	0.00424	2.67897	5 X
K04RG8A	15.7	0.15	K1128	194.978	331.621	340.154	9.100	0.15041	2.73941	5 X
K04RI2G	16.1	0.15	K1128	131.716	42.990	335.200	7.261	0.21931	2.75300	4 X

K04RI7C	17.5	0.15	K1128	55.054	89.061	339.880	18.105	0.11702	1.97224	4 X
K04RJ8N	16.1	0.15	K1128	94.053	52.381	339.538	14.393	0.15405	2.87233	3 X
K04RP6D	15.8	0.15	K1128	212.149	325.376	353.750	21.402	0.01883	2.61536	5 X
K04RP6L	17.1	0.15	K1128	120.345	50.828	5.568	20.766	0.04222	1.88400	7 X
K04RP7Y	15.8	0.15	K1128	266.944	310.755	298.503	11.916	0.11982	2.61918	6 X
K04RZ5J	17.1	0.15	K1128	182.037	330.016	350.653	4.423	0.10980	2.70805	6 X
K04RZ5Z	16.8	0.15	K1128	154.619	324.036	50.289	7.107	0.16494	2.65269	4 X
K04S43C	16.0	0.15	K1128	186.196	11.463	307.313	9.778	0.09575	2.70698	4 X
K04S48K	15.7	0.15	K1128	161.928	348.473	29.183	11.100	0.25886	2.73545	6 X
K04S51A	16.8	0.15	K1128	274.003	60.608	210.903	2.853	0.15520	2.60235	6 X
K04S55C	15.1	0.15	K1128	72.909	278.327	156.145	15.448	0.28361	2.97579	5 X
K04T01G	15.8	0.15	K1128	138.161	172.275	186.915	4.748	0.08483	2.78774	4 X
K04T15N	16.9	0.15	K1128	173.907	317.681	30.998	21.176	0.08421	1.92308	4 X
K04T22L	16.5	0.15	K1128	271.197	312.843	309.367	2.907	0.08290	2.64804	8 X
K04T24Q	16.0	0.15	K1128	177.072	327.553	359.634	6.456	0.03629	2.77010	7 X
K04T32C	16.8	0.15	K1128	196.225	39.769	277.193	2.904	0.24986	2.70046	6 X
K04T37Q	17.0	0.15	K1128	218.154	131.763	191.061	4.200	0.15501	2.63574	6 X
K04T37Z	16.9	0.15	K1128	137.550	187.722	192.823	3.034	0.09338	2.76670	3 X
K04T48T	16.5	0.15	K1128	186.965	318.656	38.860	6.503	0.04855	2.68289	6 X
K04T54X	16.1	0.15	K1128	158.078	342.509	42.332	6.505	0.03299	2.72373	6 X
K04T69G	15.9	0.15	K1128	65.680	277.698	157.010	7.888	0.29324	2.90933	4 X
K04T77A	17.1	0.15	K1128	22.178	83.305	27.358	1.938	0.16923	2.92313	4 X
K04T82C	17.4	0.15	K1128	318.198	296.647	276.251	1.889	0.04796	2.68850	7 X
K04T85W	16.7	0.15	K1128	181.585	129.231	191.741	4.277	0.06726	2.77107	4 X
K04T88K	16.5	0.15	K1128	80.134	57.797	26.760	8.352	0.16723	2.77425	3 X
K04TA2V	17.3	0.15	K1128	238.877	296.148	21.039	21.788	0.03229	1.88389	4 X
K04TA9Q	16.0	0.15	K1128	113.311	344.657	60.864	5.495	0.20116	2.79997	4 X
K04TB7X	15.5	0.15	K1128	49.027	43.325	54.996	9.724	0.18090	2.90503	6 X
K04TC6S	16.0	0.15	K1128	192.328	176.445	169.844	15.125	0.16143	2.64139	5 X
K04TD7N	16.1	0.15	K1128	219.303	144.722	197.981	14.231	0.12116	2.60246	4 X
K04TF1X	16.9	0.15	K1128	73.875	235.328	212.628	2.340	0.06226	2.76867	7 X
K04TF6Y	16.3	0.15	K1128	345.192	194.704	26.970	9.393	0.10680	2.57632	6 X
K04TG6P	17.0	0.15	K1128	8.183	298.232	197.944	3.461	0.01250	2.76741	5 X
K04TH7Y	16.4	0.15	K1128	232.607	285.971	4.381	8.558	0.10627	2.66428	5 X
K04TI7M	16.5	0.15	K1128	168.039	350.776	12.719	6.400	0.04754	2.69665	4 X
K04TK0Y	16.1	0.15	K1128	50.009	277.484	194.314	7.205	0.09530	2.81315	6 X
K04TLOZ	16.6	0.15	K1128	241.472	267.767	22.553	4.099	0.33779	2.59008	5 X
K04TM4Q	16.8	0.15	K1128	257.797	64.325	214.096	1.289	0.07082	2.64077	6 X
K04TM8U	17.0	0.15	K1128	97.242	172.618	214.491	4.546	0.15223	2.90946	4 X
K04TN8A	15.9	0.15	K1128	217.714	261.655	30.668	10.230	0.18686	2.72906	5 X
K04TN9J	16.3	0.15	K1128	154.166	133.822	213.381	5.731	0.07804	2.84356	5 X
K04TO4D	16.6	0.15	K1128	239.855	271.725	45.510	5.713	0.16890	2.58196	7 X
K04TP4J	16.9	0.15	K1128	158.052	180.710	188.075	3.066	0.09576	2.70750	6 X
K04TQ5J	16.4	0.15	K1128	122.170	20.127	23.909	3.470	0.09160	2.78252	7 X
K04TR8S	15.7	0.15	K1128	7.171	97.247	70.200	5.133	0.01115	2.77699	6 X
K04TR9X	16.4	0.15	K1128	95.276	30.413	38.534	4.885	0.04916	2.79790	4 X
K04TT6Y	15.9	0.15	K1128	79.917	329.270	67.267	5.574	0.24082	3.00399	4 X
K04TW3S	16.7	0.15	K1128	98.569	23.175	59.784	5.509	0.03770	2.77114	3 X
K04TZ1D	16.0	0.15	K1128	56.596	56.038	67.783	4.568	0.04456	2.77391	7 X
K04TZ6Q	16.1	0.15	K1128	155.663	174.050	168.380	14.326	0.20293	2.79353	5 X
K04TZ7N	16.3	0.15	K1128	277.604	244.292	29.015	12.505	0.14265	2.65486	4 X
K04TZ8S	16.9	0.15	K1128	250.755	131.384	160.619	3.250	0.08892	2.65172	7 X
K04U05D	16.1	0.15	K1128	166.719	166.115	165.993	14.479	0.20950	2.78280	3 X
K04V08C	16.6	0.15	K1128	214.610	254.902	85.027	3.046	0.21871	2.62756	9 X
K04V57H	16.0	0.15	K1128	161.395	340.043	41.054	7.851	0.15103	2.74527	7 X
K04V60E	16.1	0.15	K1128	171.031	343.921	27.253	5.834	0.08698	2.75591	4 X
K04V61R	15.6	0.15	K1128	214.731	159.791	172.118	14.240	0.26177	2.64706	6 X
K04V94J	17.0	0.15	K1128	331.070	93.065	85.007	1.101	0.12672	2.96570	5 X
K04W05F	16.1	0.15	K1128	191.157	293.074	65.241	5.413	0.23160	2.67165	5 X
K04X31O	15.0	0.15	K1128	53.998	330.088	103.228	11.742	0.18651	3.15305	3 X
K04X34O	15.0	0.15	K1128	89.409	343.980	81.748	12.642	0.09865	3.25624	7 X
K04X35B	14.9	0.15	K1128	63.071	13.859	91.297	14.266	0.04341	2.99020	5 X
K04X37D	15.7	0.15	K1128	3.632	70.064	83.022	9.892	0.03545	2.98758	4 X
K04X44B	16.3	0.15	K1128	109.441	133.343	249.587	2.892	0.11968	2.98638	6 X
K04X53O	15.3	0.15	K1128	105.567	319.539	87.479	2.533	0.05245	2.97888	6 X
K04X56C	15.4	0.15	K1128	62.739	177.750	248.520	5.025	0.12228	3.07545	4 X
K04X64Y	15.9	0.15	K1128	183.210	331.355	33.502	8.125	0.22714	2.71811	6 X
K04X75F	15.9	0.15	K1128	79.554	301.483	89.332	2.364	0.30371	3.09663	6 X
K04X79K	16.2	0.15	K1128	47.051	17.629	56.753	3.645	0.15593	3.09975	5 X
K04X97V	16.7	0.15	K1128	51.012	140.400	295.685	9.887	0.13949	3.17290	2 X
K04XA1Y	15.4	0.15	K1128	61.320	68.146	357.761	15.839	0.23689	3.09260	5 X
K04XA3F	15.6	0.15	K1128	21.719	146.595	320.381	13.998	0.23385	3.19029	3 X
K04XC4E	15.1	0.15	K1128	65.558	71.206	337.083	15.097	0.27883	3.09419	3 X
K04XE6L	14.9	0.15	K1128	144.797	270.188	112.519	12.048	0.09086	2.99800	7 X
K04XH6Q	16.8	0.15	K1128	115.357	94.217	113.242	1.171	0.07836	2.93193	6 X
K04XH9F	16.1	0.15	K1128	32.936	12.236	127.999	3.394	0.15982	3.05063	7 X
K04XJ1E	16.1	0.15	K1128	172.470	326.365	37.998	8.713	0.23109	2.75904	5 X

K04Y19W	15.6	0.15	K1128	153.134	57.316	291.119	8.238	0.09569	3.15424	6 X
K04Y22T	15.7	0.15	K1128	22.938	357.670	121.804	7.402	0.11665	3.21772	5 X
K05A05O	15.2	0.15	K1128	47.244	25.169	80.142	10.662	0.05498	3.12294	6 X
K05A37Y	15.3	0.15	K1128	339.990	75.960	103.977	13.200	0.15402	3.20893	4 X
K05A45D	15.1	0.15	K1128	171.383	241.337	118.012	13.857	0.03742	3.08127	6 X
K05A47N	16.6	0.15	K1128	56.560	248.579	192.522	3.066	0.24855	3.10011	4 X
K05A52H	15.3	0.15	K1128	58.927	280.135	135.074	26.659	0.19286	3.21413	4 X
K05A65K	15.8	0.15	K1128	119.878	89.904	287.554	8.175	0.08171	3.17099	7 X
K05A68J	15.8	0.15	K1128	358.065	4.749	153.889	18.750	0.33148	3.27006	3 X
K05B09A	15.8	0.15	K1128	58.245	113.949	333.634	11.959	0.16701	3.13772	5 X
K05B09H	15.2	0.15	K1128	15.154	19.017	115.943	13.073	0.07375	3.20827	6 X
K05B11R	15.1	0.15	K1128	333.863	80.101	130.624	15.029	0.23067	3.16965	3 X
K05B14C	15.5	0.15	K1128	35.761	100.324	20.849	25.423	0.25796	3.17339	4 X
K05B21O	15.2	0.15	K1128	305.104	122.002	131.527	13.244	0.27007	3.06254	6 X
K05C00Y	15.2	0.15	K1128	331.323	60.820	129.251	27.612	0.19527	3.18550	5 X
K05C04S	15.0	0.15	K1128	98.051	261.913	140.954	19.436	0.12313	3.24690	7 X
K05C14N	15.1	0.15	K1128	284.776	105.726	132.506	16.225	0.07496	3.20919	5 X
K05C40K	16.4	0.15	K1128	135.992	48.676	343.593	9.203	0.03429	3.09427	4 X
K05C43C	16.3	0.15	K1128	17.482	5.858	145.051	11.836	0.18399	3.16489	5 X
K05C43G	15.5	0.15	K1128	52.999	322.011	134.482	17.797	0.18839	3.15469	4 X
K05C46K	15.6	0.15	K1128	346.237	208.429	341.944	3.628	0.10132	3.18635	6 X
K05C63K	15.7	0.15	K1128	358.192	346.520	187.388	4.916	0.12062	3.18634	6 X
K05E13T	14.9	0.15	K1128	17.235	23.010	137.930	5.794	0.12063	3.20742	7 X
K05E22F	15.8	0.15	K1128	90.446	280.377	164.172	9.388	0.11897	3.13302	6 X
K05E73P	15.6	0.15	K1128	76.156	311.324	146.886	8.289	0.14098	3.15225	6 X
K05E78G	14.8	0.15	K1128	267.753	90.682	177.021	12.930	0.06845	3.25139	8 X
K05EA2A	14.9	0.15	K1128	39.993	127.855	18.764	23.901	0.09595	3.21624	4 X
K05ED3K	14.9	0.15	K1128	318.315	229.408	358.355	21.557	0.08944	3.15467	7 X
K05EG1Q	16.2	0.15	K1128	340.327	156.826	71.518	2.539	0.12341	3.21875	4 X
K05EG9Y	22.1	0.15	K1128	312.578	227.509	346.976	20.891	0.23323	1.30803	3 X
K05EJOB	16.3	0.15	K1128	338.887	318.418	230.953	2.336	0.09340	3.16619	4 X
K05EK4K	15.7	0.15	K1128	332.624	181.470	59.033	2.192	0.18428	3.18877	7 X
K05G29L	15.8	0.15	K1128	318.773	263.488	335.561	3.152	0.25529	3.30075	7 X
K05G97H	16.4	0.15	K1128	315.218	248.945	343.220	14.967	0.40276	3.45979	3 X
K05GB9W	18.6	0.15	K1128	58.991	242.746	171.139	2.881	0.23312	1.64063	5 X
K05J01W	17.5	0.15	K1128	131.825	235.720	123.799	4.430	0.18679	2.17001	6 X
K05L41R	17.0	0.15	K1128	145.121	61.904	282.149	3.678	0.25223	2.40749	6 X
K05M05T	17.5	0.15	K1128	206.598	185.040	118.558	3.613	0.20222	2.31032	6 X
K05M27S	17.4	0.15	K1128	197.283	104.508	204.698	5.622	0.13681	2.33289	6 X
K05M41O	16.5	0.15	K1128	89.446	82.040	300.884	10.494	0.29402	2.54037	5 X
K05N12O	17.5	0.15	K1128	107.610	246.383	123.779	9.183	0.26962	2.48024	3 X
K05N45E	17.5	0.15	K1128	222.359	179.035	115.569	3.685	0.21791	2.29561	5 X
K05N49J	17.0	0.15	K1128	281.282	187.006	79.276	5.049	0.14705	2.21625	7 X
K05N58U	16.9	0.15	K1128	271.594	309.244	295.279	6.060	0.08458	2.27623	6 X
K05N77J	17.8	0.15	K1128	238.548	111.099	186.513	6.446	0.13525	2.25408	5 X
K05N97P	17.4	0.15	K1128	277.597	108.313	161.026	6.551	0.17874	2.20658	4 X
K05O03S	16.6	0.15	K1128	154.330	326.110	46.836	6.369	0.25574	2.34013	5 X
K05O04Z	17.6	0.15	K1128	207.238	12.475	292.984	4.729	0.20866	2.32423	3 X
K05O10W	16.6	0.15	K1128	161.077	317.308	53.604	7.380	0.14366	2.33133	4 X
K05O21P	17.0	0.15	K1128	163.769	25.678	334.943	4.002	0.24583	2.36498	3 X
K05O22F	16.8	0.15	K1128	213.296	209.996	92.191	9.469	0.14118	2.28682	7 X
K05O22U	17.0	0.15	K1128	194.988	311.258	40.841	6.952	0.14950	2.26001	5 X
K05O29A	16.7	0.15	K1128	134.274	69.184	291.235	4.870	0.13081	2.44404	4 X
K05P01G	16.7	0.15	K1128	208.858	330.928	338.955	9.269	0.14778	2.32238	3 X
K05P06H	17.1	0.15	K1128	212.213	267.008	58.950	6.450	0.10429	2.27122	7 X
K05P15K	17.5	0.15	K1128	166.500	230.593	103.835	2.657	0.19682	2.40270	5 X
K05P18A	17.7	0.15	K1128	218.817	115.874	202.419	3.805	0.15366	2.27597	5 X
K05P18V	17.8	0.15	K1128	268.207	72.206	180.594	5.570	0.14536	2.27899	4 X
K05P19U	17.3	0.15	K1128	280.520	333.766	266.395	1.771	0.12656	2.28004	2 X
K05P29C	17.3	0.15	K1128	211.236	204.576	131.968	3.024	0.17225	2.26241	6 X
K05Q05G	16.8	0.15	K1128	143.345	19.743	331.459	7.413	0.09758	2.40940	5 X
K05Q08W	17.1	0.15	K1128	184.093	335.530	344.196	6.050	0.14325	2.39874	6 X
K05Q28M	17.3	0.15	K1128	257.982	87.415	177.312	5.267	0.14939	2.28936	5 X
K05Q36H	16.2	0.15	K1128	202.066	344.017	351.025	8.591	0.16392	2.32880	6 X
K05Q39X	17.4	0.15	K1128	224.795	354.317	303.365	7.907	0.23466	2.30241	3 X
K05Q48G	16.8	0.15	K1128	139.390	28.494	27.419	7.325	0.09169	2.30870	6 X
K05Q52Q	17.0	0.15	K1128	170.399	17.131	339.615	2.819	0.28386	2.37657	5 X
K05Q62F	16.8	0.15	K1128	317.243	208.371	345.878	6.285	0.05748	2.38116	6 X
K05Q72B	17.3	0.15	K1128	110.073	210.414	187.939	3.865	0.24921	2.47469	4 X
K05Q74C	17.0	0.15	K1128	214.919	345.260	338.164	4.850	0.23629	2.31439	4 X
K05Q79W	16.7	0.15	K1128	140.366	6.750	339.895	9.375	0.23002	2.43666	4 X
K05Q86G	16.6	0.15	K1128	90.518	39.128	347.830	6.485	0.22702	2.65136	4 X
K05Q87L	16.7	0.15	K1128	297.582	48.275	202.271	6.864	0.17438	2.22719	6 X
K05QA6J	17.5	0.15	K1128	207.642	247.958	58.060	3.154	0.22467	2.34569	4 X
K05QC1G	17.1	0.15	K1128	253.764	93.320	180.652	3.589	0.04636	2.33009	6 X
K05QD6R	17.1	0.15	K1128	10.137	16.402	124.072	3.152	0.13011	2.46009	4 X
K05QE5A	16.8	0.15	K1128	215.819	298.905	36.546	6.057	0.21308	2.27624	4 X

K05QE6X	17.4	0.15	K1128	143.930	291.440	55.324	3.120	0.18896	2.43603	6 X
K05QF5H	17.2	0.15	K1128	233.596	158.294	119.971	7.459	0.09639	2.34015	5 X
K05QF5M	17.0	0.15	K1128	210.164	184.046	116.015	8.284	0.08895	2.36339	4 X
K05QG0C	16.3	0.15	K1128	175.892	312.187	55.923	6.816	0.16022	2.32195	5 X
K05QG1O	16.7	0.15	K1128	192.715	297.631	54.607	5.309	0.17127	2.29826	8 X
K05QG2D	17.4	0.15	K1128	262.342	268.065	21.917	6.689	0.20000	2.22931	4 X
K05QH9G	17.4	0.15	K1128	83.992	45.912	341.053	7.288	0.27388	2.61034	3 X
K05R26T	16.0	0.15	K1128	200.306	336.347	13.412	9.273	0.27365	2.35832	7 X
K05R30B	17.5	0.15	K1128	233.647	293.422	349.695	2.187	0.21397	2.34250	6 X
K05R44M	16.7	0.15	K1128	202.563	187.882	124.339	11.112	0.32034	2.37651	6 X
K05S06N	17.4	0.15	K1128	39.112	187.840	289.070	2.695	0.06750	2.51337	5 X
K05S25E	16.3	0.15	K1128	91.951	188.010	185.775	9.067	0.33929	2.66069	4 X
K05S49D	17.8	0.15	K1128	141.551	312.029	39.697	1.414	0.17947	2.52291	4 X
K05S57E	17.4	0.15	K1128	172.219	3.407	353.243	7.002	0.13959	2.38752	4 X
K05S74G	17.2	0.15	K1128	256.406	75.879	188.380	5.689	0.16886	2.35543	6 X
K05S87K	17.3	0.15	K1128	250.954	232.623	36.569	1.922	0.16669	2.37644	4 X
K05S99D	16.8	0.15	K1128	72.853	108.948	299.485	3.969	0.21453	2.62929	4 X
K05SA4A	16.0	0.15	K1128	235.751	72.231	241.179	5.229	0.18898	2.32832	6 X
K05SA5N	16.9	0.15	K1128	192.418	245.628	108.559	3.093	0.22134	2.35356	3 X
K05SB3Z	17.5	0.15	K1128	112.328	74.101	304.407	0.771	0.11733	2.52827	5 X
K05SB5E	17.7	0.15	K1128	333.792	339.753	206.131	2.228	0.11011	2.44804	3 W
K05SC5D	17.3	0.15	K1128	220.368	221.217	114.672	3.634	0.20702	2.28821	5 X
K05SD9Q	17.7	0.15	K1128	263.231	116.867	168.365	5.352	0.11242	2.30806	6 X
K05SF0K	17.5	0.15	K1128	273.238	79.012	178.025	4.780	0.20294	2.36720	5 X
K05SF0Q	17.1	0.15	K1128	70.733	226.154	179.075	3.712	0.22205	2.64803	4 X
K05SF4Q	17.7	0.15	K1128	247.864	45.826	240.722	2.152	0.10201	2.34633	3 X
K05SF9O	16.8	0.15	K1128	177.219	41.976	283.871	7.101	0.18446	2.44032	4 X
K05SG3W	16.7	0.15	K1128	167.126	302.402	64.433	7.066	0.13871	2.40578	5 X
K05SG9F	17.3	0.15	K1128	49.834	171.221	265.619	3.234	0.19694	2.61229	4 X
K05SI3C	17.7	0.15	K1128	55.540	200.455	252.771	1.467	0.12963	2.54341	4 X
K05SK2Z	16.8	0.15	K1128	274.180	43.469	240.684	7.313	0.16345	2.24368	4 X
K05SL8N	16.7	0.15	K1128	212.630	212.932	125.772	3.285	0.19940	2.33590	6 X
K05SN9A	17.5	0.15	K1128	279.104	92.790	189.371	3.620	0.12155	2.21379	4 X
K05SO3S	16.1	0.15	K1128	47.462	100.903	321.336	12.701	0.25437	2.65206	3 X
K05SO7U	17.5	0.15	K1128	127.326	147.859	219.537	0.926	0.08531	2.54041	6 X
K05SP4N	17.3	0.15	K1128	120.144	343.333	50.654	2.310	0.19024	2.43371	4 X
K05SR8S	17.6	0.15	K1128	15.148	201.179	313.045	0.776	0.12585	2.46378	7 X
K05SS3O	16.8	0.15	K1128	92.444	273.478	134.120	10.609	0.05772	2.55922	5 X
K05SS3T	17.3	0.15	K1128	70.911	284.575	144.222	12.121	0.04177	2.57419	3 W
K05T02F	17.5	0.15	K1128	266.715	293.873	342.339	3.263	0.12978	2.30701	6 X
K05T03F	17.1	0.15	K1128	111.224	177.235	183.442	7.032	0.39423	2.59483	3 X
K05T21R	17.6	0.15	K1128	21.821	85.974	35.200	5.405	0.18106	2.56660	4 X
K05T32G	17.3	0.15	K1128	233.755	175.550	132.172	3.141	0.11514	2.33676	6 X
K05T36M	17.3	0.15	K1128	2.204	139.485	24.890	2.795	0.06808	2.41246	4 X
K05T71N	17.6	0.15	K1128	268.106	258.305	355.840	1.872	0.16943	2.42327	4 X
K05T94N	17.5	0.15	K1128	317.989	289.681	266.888	4.140	0.11326	2.47540	5 X
K05TD9J	17.7	0.15	K1128	168.256	234.734	98.413	2.352	0.10938	2.48781	5 X
K05TE1H	17.1	0.15	K1128	287.377	134.999	92.776	3.033	0.08144	2.46224	4 X
K05TF1H	17.3	0.15	K1128	22.324	56.233	93.529	3.515	0.12863	2.45186	5 X
K05TH2Q	17.1	0.15	K1128	219.224	313.872	14.328	3.391	0.27494	2.32109	4 X
K05TH8M	17.3	0.15	K1128	267.459	204.452	91.236	2.672	0.21318	2.26728	5 X
K05U23N	16.8	0.15	K1128	242.049	350.746	310.066	1.635	0.21349	2.34457	6 X
K05U34O	16.6	0.15	K1128	53.991	211.798	226.689	5.808	0.12165	2.65817	5 X
K05U50O	16.6	0.15	K1128	107.536	135.973	240.818	4.003	0.18746	2.60732	4 X
K05U56U	16.2	0.15	K1128	106.402	28.565	10.006	9.126	0.01833	2.55755	6 X
K05U57J	16.3	0.15	K1128	55.371	0.196	64.237	7.685	0.14869	2.66589	6 X
K05U76S	16.8	0.15	K1128	176.076	326.791	40.249	8.174	0.18338	2.40644	4 X
K05U79Z	17.0	0.15	K1128	85.408	226.181	174.477	4.293	0.17900	2.64731	4 X
K05U88W	16.6	0.15	K1128	18.890	102.831	47.077	7.280	0.07767	2.48567	7 X
K05U92Y	17.0	0.15	K1128	243.644	4.395	290.922	3.300	0.15903	2.39443	6 X
K05U98N	16.8	0.15	K1128	71.754	205.963	201.329	6.791	0.19579	2.68078	4 X
K05UA2R	17.6	0.15	K1128	31.629	34.204	75.790	4.056	0.11849	2.64224	3 X
K05UC3D	17.9	0.15	K1128	25.469	68.946	29.494	2.013	0.24242	2.72598	2 X
K05UC3G	17.3	0.15	K1128	307.538	223.331	35.752	3.821	0.11071	2.33370	6 X
K05UC9A	17.4	0.15	K1128	69.817	209.680	235.426	3.144	0.06820	2.55812	5 X
K05UE6U	16.6	0.15	K1128	113.181	18.222	7.121	2.972	0.03017	2.58850	6 X
K05UF0M	17.5	0.15	K1128	297.172	10.326	201.932	5.683	0.05803	2.45882	5 X
K05UG2Y	17.1	0.15	K1128	302.406	4.775	237.721	4.594	0.14584	2.38479	4 X
K05UH4G	17.2	0.15	K1128	73.044	115.662	314.459	3.039	0.16317	2.62251	5 X
K05UI2M	16.8	0.15	K1128	167.577	106.870	229.997	4.497	0.10962	2.56518	4 X
K05UJ5C	17.3	0.15	K1128	107.581	294.117	94.025	2.525	0.08033	2.61183	5 X
K05UK2C	17.3	0.15	K1128	76.171	202.170	214.375	4.122	0.07318	2.63694	4 X
K05UK2G	17.4	0.15	K1128	109.236	313.573	72.255	3.168	0.08170	2.59984	4 X
K05UK5U	17.0	0.15	K1128	65.645	217.688	208.463	2.229	0.13622	2.65476	5 X
K05UL8M	17.5	0.15	K1128	244.516	311.965	346.769	4.572	0.19853	2.34967	3 X
K05UO9W	16.7	0.15	K1128	229.034	229.063	55.295	2.635	0.10644	2.59288	7 X
K05UQ1M	17.2	0.15	K1128	339.470	169.293	48.495	2.973	0.12457	2.33077	4 X

K05UR3T	17.0	0.15	K1128	314.760	191.065	31.492	7.201	0.07466	2.36923	4 X
K05UR3X	16.6	0.15	K1128	98.692	33.129	342.595	13.024	0.26556	2.60947	3 X
K05US7N	17.6	0.15	K1128	40.954	22.653	98.528	4.382	0.12315	2.53022	5 X
K05UT3O	17.5	0.15	K1128	84.123	42.559	7.336	3.447	0.09420	2.62368	4 X
K05UT3T	17.8	0.15	K1128	251.565	359.917	290.837	2.079	0.20311	2.37936	3 W
K05UY2U	16.9	0.15	K1128	59.511	121.304	305.313	12.276	0.15769	2.62488	3 X
K05UZ2V	16.4	0.15	K1128	14.931	116.353	12.026	11.885	0.14086	2.62367	4 X
K05Ua7Y	17.5	0.15	K1128	86.536	217.381	200.440	2.500	0.01418	2.59305	3 X
K05Ub1C	17.5	0.15	K1128	24.448	81.344	36.245	2.679	0.01652	2.62201	5 X
K05Ud4Y	17.8	0.15	K1128	264.279	122.301	158.184	3.122	0.12419	2.36503	6 X
K05Ud9E	16.4	0.15	K1128	210.871	270.904	30.322	5.287	0.04518	2.57266	5 X
K05Ud9J	15.7	0.15	K1128	77.710	250.334	101.223	10.844	0.18408	2.74424	5 X
K05Ue7Z	17.2	0.15	K1128	93.724	0.059	90.198	2.380	0.14969	2.43782	6 X
K05Uf9E	17.6	0.15	K1128	331.908	116.166	96.081	3.359	0.14557	2.43378	5 X
K05Ui7D	16.4	0.15	K1128	27.254	159.313	310.889	5.313	0.13771	2.64510	6 X
K05Ul5T	17.2	0.15	K1128	75.196	318.632	83.960	2.113	0.20946	2.64619	3 X
K05Un9Z	16.7	0.15	K1128	57.467	265.061	109.897	6.174	0.18102	2.79153	5 X
K05Uo6J	15.3	0.15	K1128	171.280	345.668	341.050	7.942	0.12782	3.07569	4 X
K05Uo8Y	17.0	0.15	K1128	24.005	58.050	59.167	3.712	0.02942	2.62018	5 X
K05Uo9U	17.6	0.15	K1128	110.677	199.925	197.525	4.936	0.21980	2.54759	4 X
K05Up2M	16.5	0.15	K1128	133.816	229.008	130.462	5.996	0.13895	2.59759	4 X
K05V06R	16.5	0.15	K1128	165.118	57.326	279.394	6.398	0.15631	2.57245	4 X
K05V10T	17.2	0.15	K1128	112.888	213.249	189.586	3.601	0.13247	2.54457	5 X
K05V31P	17.9	0.15	K1128	261.675	221.738	78.504	3.722	0.17279	2.36526	4 X
K05V42Y	16.1	0.15	K1128	36.346	343.428	98.806	11.944	0.22870	2.74986	4 X
K05V53E	16.6	0.15	K1128	104.638	241.955	161.809	3.288	0.23736	2.57656	5 X
K05V69V	16.9	0.15	K1128	35.682	336.638	125.844	3.491	0.07130	2.66252	7 X
K05V74B	17.0	0.15	K1128	110.481	184.223	205.083	4.790	0.25656	2.59594	3 X
K05V82O	17.2	0.15	K1128	354.290	145.417	15.235	4.326	0.21459	2.63170	5 X
K05VB3H	17.2	0.15	K1128	47.987	258.161	186.049	8.514	0.27845	2.68643	4 X
K05W03E	16.6	0.15	K1128	111.527	197.556	173.297	8.265	0.22276	2.61773	4 X
K05W07M	17.1	0.15	K1128	105.546	60.471	340.838	2.953	0.26086	2.56694	4 X
K05W08G	16.6	0.15	K1128	64.598	273.930	135.934	14.221	0.23303	2.66124	3 X
K05W15U	17.0	0.15	K1128	155.813	88.788	252.618	2.687	0.28071	2.54658	4 X
K05W26Y	16.3	0.15	K1128	130.578	99.859	266.408	3.153	0.13627	2.62137	4 X
K05W33Y	16.3	0.15	K1128	77.688	120.467	267.918	6.935	0.32360	2.73985	5 X
K05W35V	16.4	0.15	K1128	129.741	126.884	239.386	5.078	0.06263	2.67082	4 X
K05W51P	16.8	0.15	K1128	125.353	296.552	64.250	3.384	0.22154	2.65231	6 X
K05W61V	16.9	0.15	K1128	248.702	357.832	277.236	4.150	0.16151	2.55499	7 X
K05W66Z	16.9	0.15	K1128	263.181	184.495	65.327	2.762	0.09090	2.60015	4 X
K05W81B	16.3	0.15	K1128	338.386	261.271	268.837	2.778	0.03660	2.67091	5 X
K05W90P	16.5	0.15	K1128	112.891	71.637	331.109	3.936	0.14319	2.53771	5 X
K05WA3X	16.9	0.15	K1128	98.005	23.511	358.991	3.876	0.22412	2.65931	4 X
K05WA4R	16.1	0.15	K1128	99.266	322.057	85.107	12.918	0.17651	2.60856	4 X
K05WA5K	16.1	0.15	K1128	166.218	204.144	127.873	12.913	0.26688	2.54799	5 X
K05WA9X	17.4	0.15	K1128	151.298	148.453	222.578	1.592	0.15436	2.52031	4 X
K05WH6N	17.5	0.15	K1128	43.317	126.068	328.071	2.501	0.05410	2.76367	4 X
K05WH9P	15.7	0.15	K1128	348.141	189.409	274.822	14.199	0.09584	2.86461	3 X
K05WI4G	16.5	0.15	K1128	33.853	336.180	158.983	3.568	0.11947	2.60033	7 X
K05WJ2N	16.7	0.15	K1128	208.784	166.391	172.639	7.225	0.12950	2.42804	6 X
K05WK5H	17.0	0.15	K1128	22.236	230.739	266.011	1.182	0.14513	2.62638	4 X
K05WL1P	17.2	0.15	K1128	102.137	175.822	232.245	1.884	0.18534	2.61517	3 X
K05X06T	16.8	0.15	K1128	192.447	64.591	246.902	4.784	0.11342	2.61635	5 X
K05X19V	17.0	0.15	K1128	355.347	97.105	58.599	6.018	0.10753	2.66931	6 X
K05X27A	17.7	0.15	K1128	81.873	110.665	316.059	1.757	0.17835	2.67855	3 X
K05X63N	16.7	0.15	K1128	29.955	69.932	49.569	3.269	0.03125	2.66732	6 X
K05X78J	16.5	0.15	K1128	70.855	257.898	173.513	12.765	0.23963	2.63763	3 X
K05X86U	16.4	0.15	K1128	207.862	356.121	305.749	4.806	0.03735	2.71275	5 X
K05X95F	16.8	0.15	K1128	22.570	330.645	203.535	6.424	0.05610	2.32855	5 X
K05Y24S	16.7	0.15	K1128	69.849	341.959	107.991	5.269	0.12386	2.68535	4 X
K05Y26L	16.9	0.15	K1128	45.521	30.842	64.344	2.626	0.10486	2.80595	4 X
K05Y29F	17.0	0.15	K1128	285.470	301.579	313.335	3.298	0.16553	2.67449	4 X
K05Y36R	16.7	0.15	K1128	147.446	55.419	302.082	4.933	0.04770	2.78996	6 X
K05Y42H	16.9	0.15	K1128	101.324	356.348	35.391	2.398	0.10755	2.68812	5 X
K05Y43G	16.6	0.15	K1128	117.417	293.581	125.146	4.431	0.05982	2.63704	8 X
K05Y44Q	17.0	0.15	K1128	111.024	254.987	130.518	3.952	0.08073	2.76850	6 X
K05Y55D	16.1	0.15	K1128	276.617	137.046	123.615	8.792	0.16710	2.68600	5 X
K05Y56Y	16.8	0.15	K1128	304.871	264.354	303.096	5.442	0.05586	2.73274	5 X
K05Y74A	17.4	0.15	K1128	109.410	77.766	300.043	5.543	0.19842	2.73039	4 X
K05Y75J	15.4	0.15	K1128	254.810	107.702	93.129	18.126	0.06896	3.04806	3 X
K05Y76W	16.5	0.15	K1128	129.952	331.768	78.164	5.056	0.04924	2.59436	5 X
K05Y80K	16.6	0.15	K1128	80.478	313.894	109.030	5.953	0.05240	2.76676	5 X
K05Y86F	16.4	0.15	K1128	165.109	43.675	294.642	3.878	0.05316	2.75989	5 X
K05Y89C	17.0	0.15	K1128	130.832	61.306	311.597	5.275	0.03269	2.73616	6 X
K05YA9G	16.9	0.15	K1128	281.833	320.217	271.773	3.387	0.06944	2.77760	5 X
K05YA9L	16.8	0.15	K1128	184.896	40.754	277.244	5.575	0.03314	2.78873	3 X
K05YB3H	16.8	0.15	K1128	23.765	208.249	271.341	4.261	0.05835	2.76992	3 X

K05YC0G	16.6	0.15	K1128	195.915	50.924	257.897	3.726	0.10676	2.75396	6 X
K05YC3X	16.2	0.15	K1128	109.196	6.493	46.390	3.275	0.20168	2.63286	5 X
K05YC9W	16.1	0.15	K1128	65.631	6.478	87.370	10.221	0.08068	2.68833	8 X
K05YD0E	16.8	0.15	K1128	54.017	54.942	19.338	2.505	0.15763	2.86367	4 X
K05YD1W	16.7	0.15	K1128	113.256	294.133	122.788	2.590	0.13906	2.65793	6 X
K05YD5E	16.8	0.15	K1128	22.606	54.040	68.436	5.140	0.15352	2.77792	4 X
K05YE0L	16.6	0.15	K1128	33.696	16.265	88.767	5.035	0.06107	2.80621	7 X
K05YE2J	17.1	0.15	K1128	218.877	322.904	354.393	1.881	0.08040	2.63010	8 X
K05YE4W	16.8	0.15	K1128	80.849	310.573	108.729	3.593	0.04177	2.84278	6 X
K05YF5V	17.3	0.15	K1128	322.996	316.023	273.115	6.127	0.14752	2.63499	3 X
K05YF6J	16.3	0.15	K1128	82.359	149.483	265.788	4.221	0.04511	2.78200	5 X
K05YG9R	16.6	0.15	K1128	249.909	290.542	280.989	19.843	0.03904	1.89565	2 X
K05YH6L	17.0	0.15	K1128	165.790	264.942	102.318	4.840	0.14550	2.59754	6 X
K05YH8D	17.2	0.15	K1128	359.355	159.486	342.923	0.663	0.02403	2.81638	7 X
K05YI8Y	17.7	0.15	K1128	59.397	300.523	131.758	23.361	0.06732	1.85505	3 X
K05YJ2C	16.3	0.15	K1128	242.905	327.093	324.298	5.588	0.08241	2.72643	4 X
K05YM0O	15.9	0.15	K1128	28.561	48.769	80.206	9.612	0.09155	2.75249	6 X
K05YM4U	16.9	0.15	K1128	245.001	336.459	293.340	5.903	0.09117	2.67999	5 X
K05YM8D	16.7	0.15	K1128	335.331	225.206	326.658	6.739	0.07609	2.72717	4 X
K05YN6X	17.3	0.15	K1128	358.498	6.258	164.486	1.971	0.13279	2.74859	5 X
K05YO9U	16.6	0.15	K1128	48.698	358.562	91.570	5.129	0.06478	2.77246	7 X
K05YP1O	17.0	0.15	K1128	140.007	242.432	147.739	5.505	0.03534	2.69417	6 X
K05YP4N	16.5	0.15	K1128	152.454	355.957	18.267	5.211	0.13009	2.60691	7 X
K06A04R	16.4	0.15	K1128	25.568	12.792	126.439	2.951	0.19886	2.78495	4 X
K06A34G	17.2	0.15	K1128	91.479	29.054	51.540	2.132	0.06477	2.67311	6 X
K06A34S	16.9	0.15	K1128	124.282	328.375	87.166	3.144	0.05926	2.61817	6 X
K06A36P	17.0	0.15	K1128	289.517	246.296	358.084	2.270	0.02718	2.71713	7 X
K06A65S	16.6	0.15	K1128	185.995	19.905	320.912	5.264	0.06974	2.72399	3 X
K06A68C	16.2	0.15	K1128	190.954	211.855	135.797	6.952	0.06221	2.68062	4 X
K06A82D	15.7	0.15	K1128	344.691	358.054	168.927	8.999	0.26586	3.02411	4 X
K06A88G	17.1	0.15	K1128	55.204	357.637	122.446	5.587	0.09425	2.66346	4 X
K06AA0N	16.2	0.15	K1128	251.191	137.096	163.809	9.180	0.04173	2.72996	6 X
K06B05T	17.0	0.15	K1128	115.312	52.597	320.164	33.826	0.08188	1.86371	3 X
K06B07H	17.0	0.15	K1128	273.370	165.717	125.600	3.976	0.20325	2.58646	6 X
K06B09M	16.8	0.15	K1128	105.248	278.825	137.231	7.012	0.15444	2.65962	4 X
K06B18G	16.6	0.15	K1128	36.476	1.570	132.086	5.617	0.05772	2.71893	5 X
K06B31P	16.2	0.15	K1128	66.412	2.793	109.923	5.663	0.07535	2.72568	5 X
K06B31Q	15.7	0.15	K1128	335.899	99.194	108.780	5.150	0.13492	2.78975	6 X
K06B32F	15.8	0.15	K1128	155.058	237.019	138.268	8.265	0.13567	2.76162	4 X
K06B33W	16.1	0.15	K1128	322.702	241.001	335.373	8.443	0.07526	2.84727	5 X
K06B38B	16.3	0.15	K1128	164.437	352.723	341.877	9.879	0.04876	2.98429	4 X
K06B38X	16.4	0.15	K1128	137.469	246.539	108.278	4.169	0.13059	2.62958	5 X
K06B44H	16.3	0.15	K1128	126.620	63.875	323.409	6.572	0.15630	2.86860	5 X
K06B47L	15.5	0.15	K1128	93.342	330.128	94.388	11.931	0.06510	2.63195	6 X
K06B53Z	17.0	0.15	K1128	12.954	118.040	4.587	1.649	0.18767	2.97863	3 X
K06B66F	16.5	0.15	K1128	211.122	207.150	89.467	3.214	0.05216	2.85872	7 X
K06B68X	16.6	0.15	K1128	47.885	43.505	78.078	4.429	0.14953	2.74155	4 X
K06B81Y	16.2	0.15	K1128	139.575	302.497	93.872	3.349	0.17066	2.73425	5 X
K06B83A	16.8	0.15	K1128	66.682	311.118	150.833	4.630	0.10523	2.71040	5 X
K06B85J	16.8	0.15	K1128	262.348	266.312	11.091	2.574	0.06355	2.73244	4 X
K06B88N	16.3	0.15	K1128	137.770	229.413	129.261	6.956	0.11035	2.89424	5 X
K06B89Q	16.0	0.15	K1128	261.442	165.471	120.103	6.208	0.08262	2.72529	6 X
K06B92B	16.0	0.15	K1128	27.877	24.262	110.387	6.272	0.03079	2.75344	5 X
K06B97E	16.1	0.15	K1128	183.741	339.284	341.441	10.786	0.03792	3.02886	4 X
K06BC0H	16.5	0.15	K1128	71.995	114.733	304.617	8.663	0.10204	2.94986	4 X
K06BC1Y	16.1	0.15	K1128	207.448	12.567	320.061	3.681	0.08738	2.78033	7 X
K06BC5B	16.9	0.15	K1128	24.139	156.813	345.326	4.092	0.06752	2.85200	5 X
K06BC6D	16.0	0.15	K1128	212.498	164.130	160.756	4.653	0.06795	2.81470	5 X
K06BE1S	16.2	0.15	K1128	232.961	175.934	109.334	4.644	0.06278	2.79123	4 X
K06BE2Q	16.6	0.15	K1128	356.558	41.343	139.882	5.248	0.13177	2.79760	3 X
K06BE4G	15.5	0.15	K1128	15.423	349.576	166.244	17.738	0.19005	2.77638	5 X
K06BE9L	15.8	0.15	K1128	13.467	1.727	162.055	12.867	0.08775	2.79261	6 X
K06BF4R	16.4	0.15	K1128	337.567	69.983	116.369	4.236	0.09678	2.88313	5 X
K06BF8M	16.9	0.15	K1128	298.527	53.502	158.252	3.790	0.08093	2.99694	6 X
K06BG1Y	16.1	0.15	K1128	27.064	42.415	93.745	5.223	0.15144	2.78800	4 X
K06BG6A	16.6	0.15	K1128	325.023	106.483	73.796	0.624	0.08184	2.97083	5 X
K06BH9V	16.5	0.15	K1128	274.839	135.386	131.115	6.975	0.03204	2.74017	3 X
K06BJ6B	16.4	0.15	K1128	322.746	33.452	177.616	4.470	0.04643	2.81183	6 X
K06BJ9M	16.4	0.15	K1128	339.333	271.976	276.651	1.705	0.10600	2.89005	7 X
K06BJ9X	16.7	0.15	K1128	144.771	97.910	285.640	1.961	0.01867	2.85734	6 X
K06BL3S	16.1	0.15	K1128	354.991	52.161	109.000	5.680	0.16166	2.87826	5 X
K06BM1H	16.3	0.15	K1128	181.288	208.400	111.935	2.903	0.07514	2.91031	6 X
K06BM5D	16.5	0.15	K1128	171.722	211.501	158.296	7.007	0.04976	2.71244	5 X
K06BM7Z	18.3	0.15	K1128	161.926	186.395	152.057	24.011	0.02144	1.86181	2 X
K06BM8T	17.2	0.15	K1128	203.677	236.811	103.907	5.639	0.15590	2.63912	4 X
K06BP0H	16.2	0.15	K1128	216.991	346.594	330.672	3.680	0.06356	2.80651	3 X
K06BP3Z	17.0	0.15	K1128	319.808	233.434	321.421	9.788	0.08912	2.92524	2 W

K06BP4Z	16.8	0.15	K1128	10.363	9.338	158.935	3.806	0.02998	2.76687	5 X
K06BP8Y	16.2	0.15	K1128	43.381	303.130	134.180	6.225	0.20042	2.97967	3 X
K06BR7V	17.0	0.15	K1128	331.738	182.053	351.593	2.257	0.12891	3.01628	3 X
K06BR7Y	17.1	0.15	K1128	309.000	244.716	26.896	2.220	0.16029	2.59153	3 X
K06BS0S	15.4	0.15	K1128	116.936	207.468	167.032	9.451	0.14899	2.94620	5 X
K06C11C	16.2	0.15	K1128	311.910	141.095	120.142	6.134	0.21377	2.56375	8 X
K06C24J	17.3	0.15	K1128	82.177	94.879	326.221	4.426	0.16446	2.78681	4 X
K06C30Y	16.1	0.15	K1128	196.469	177.371	169.682	6.332	0.03332	2.72746	6 X
K06C38E	16.1	0.15	K1128	322.702	71.632	161.650	13.402	0.12090	2.77475	4 X
K06C51G	16.8	0.15	K1128	67.641	146.411	302.656	1.869	0.06093	2.79442	5 X
K06C67F	16.0	0.15	K1128	354.077	330.586	179.719	9.679	0.10532	3.12743	7 X
K06D00B	15.6	0.15	K1128	13.998	107.138	8.409	9.935	0.05332	2.98006	3 X
K06D03Y	15.6	0.15	K1128	344.416	359.773	163.070	13.642	0.15929	2.99566	5 X
K06D03Z	15.7	0.15	K1128	328.698	194.113	347.137	9.659	0.02717	2.98999	4 X
K06D06A	15.7	0.15	K1128	312.028	124.526	78.834	3.096	0.03515	2.93344	5 X
K06D06G	15.0	0.15	K1128	273.462	112.935	118.671	12.452	0.07148	3.01600	2 X
K06D06Q	18.2	0.15	K1128	343.973	358.344	162.487	22.602	0.06814	1.87040	2 X
K06D23F	16.2	0.15	K1128	323.726	40.765	142.875	6.152	0.05552	3.01673	4 X
K06D24D	15.4	0.15	K1128	104.434	31.698	355.667	7.902	0.11575	3.03405	4 X
K06D25F	15.8	0.15	K1128	308.017	47.720	158.435	15.997	0.12664	2.99868	4 X
K06D28S	16.0	0.15	K1128	286.656	163.570	62.320	2.113	0.13715	3.08907	5 X
K06D29R	15.0	0.15	K1128	274.599	66.965	171.160	10.685	0.08929	3.07055	7 X
K06D30E	16.1	0.15	K1128	160.637	204.119	164.381	2.425	0.09330	2.91366	9 X
K06D49R	15.8	0.15	K1128	333.148	183.241	343.444	14.308	0.09465	2.96170	4 X
K06D57O	16.3	0.15	K1128	44.188	102.043	344.462	10.622	0.13851	3.05187	4 X
K06D79N	16.3	0.15	K1128	47.532	285.335	174.318	8.997	0.16608	2.91408	3 X
K06D81T	15.9	0.15	K1128	171.270	159.281	169.409	9.433	0.03842	3.08897	5 X
K06D83Q	16.7	0.15	K1128	303.943	50.286	173.838	10.908	0.21030	3.01063	3 X
K06D88L	16.3	0.15	K1128	206.035	133.187	171.069	10.338	0.10005	3.08986	5 X
K06D91E	16.7	0.15	K1128	354.358	14.316	189.809	1.727	0.16986	2.79006	7 X
K06D96G	16.1	0.15	K1128	72.387	259.891	186.109	8.753	0.05645	3.02420	4 X
K06DA5N	16.1	0.15	K1128	309.493	210.887	350.255	16.580	0.20442	3.07325	2 X
K06DA9W	15.9	0.15	K1128	108.001	63.509	351.161	16.199	0.07418	2.94881	7 X
K06DB2P	16.3	0.15	K1128	128.058	215.900	180.390	6.645	0.06873	2.88111	5 X
K06DB3J	15.8	0.15	K1128	234.772	192.851	110.226	3.135	0.04625	2.91078	7 X
K06DB7D	16.4	0.15	K1128	278.219	180.903	108.181	1.772	0.04411	2.80724	5 X
K06DC6R	16.4	0.15	K1128	253.293	92.767	163.848	10.301	0.04675	2.96147	7 X
K06DD2A	15.8	0.15	K1128	92.749	327.454	72.294	4.257	0.09624	3.02476	6 X
K06DD3S	15.9	0.15	K1128	113.005	353.851	21.917	4.576	0.19473	3.00615	4 X
K06DD8D	17.2	0.15	K1128	336.161	39.536	132.876	6.826	0.11095	3.01116	2 X
K06DE5C	16.6	0.15	K1128	354.654	151.171	27.064	2.289	0.01049	2.86780	7 X
K06DE6U	17.1	0.15	K1128	312.181	56.378	197.813	3.633	0.05528	2.76363	3 X
K06DF0Y	16.4	0.15	K1128	119.257	71.576	332.846	5.001	0.07195	2.92204	5 X
K06DF8V	15.8	0.15	K1128	232.498	181.467	125.101	2.906	0.05155	2.87957	7 X
K06DG9B	16.6	0.15	K1128	301.959	205.865	24.702	6.338	0.19772	3.00500	4 X
K06DH8F	16.2	0.15	K1128	346.565	8.271	150.763	7.991	0.11840	3.01522	5 X
K06DJ7E	15.1	0.15	K1128	327.880	234.525	306.663	11.247	0.06007	3.03584	5 X
K06DK2D	16.0	0.15	K1128	78.162	35.972	62.124	4.833	0.06408	2.77367	3 X
K06DL6S	15.6	0.15	K1128	227.834	278.343	5.027	4.804	0.15384	3.18868	5 X
K06E01X	16.7	0.15	K1128	151.009	325.720	84.364	2.876	0.06753	2.69673	5 X
K06E05D	17.0	0.15	K1128	31.982	84.986	20.896	4.917	0.07726	3.00154	4 X
K06E09S	16.9	0.15	K1128	204.256	304.573	36.938	2.340	0.07589	2.84812	4 X
K06E16M	16.1	0.15	K1128	27.702	103.727	11.054	6.994	0.13333	3.03140	5 X
K06E19K	15.8	0.15	K1128	88.351	223.612	182.674	8.478	0.05972	3.17304	4 X
K06E34Y	16.7	0.15	K1128	37.726	124.230	39.950	4.115	0.03521	2.78113	8 X
K06E36E	16.5	0.15	K1128	357.060	133.891	6.748	9.264	0.16641	3.01262	4 X
K06E40K	16.7	0.15	K1128	13.256	263.666	223.756	3.677	0.08638	3.04707	5 X
K06E46X	16.6	0.15	K1128	258.844	191.002	98.372	2.839	0.04743	2.78132	4 X
K06E49W	16.1	0.15	K1128	130.011	263.266	101.324	4.162	0.06988	3.07837	5 X
K06E55S	16.6	0.15	K1128	213.676	136.524	178.814	6.159	0.03990	2.90533	4 X
K06E63G	16.6	0.15	K1128	0.680	358.840	195.523	8.656	0.24005	2.85059	4 X
K06F06H	15.2	0.15	K1128	355.240	30.237	159.713	15.543	0.09522	2.90659	4 X
K06F09B	16.3	0.15	K1128	313.736	116.747	105.251	1.982	0.22819	3.06974	5 X
K06F09M	15.3	0.15	K1128	319.347	251.916	315.237	23.933	0.31499	3.06652	3 X
K06F10M	15.6	0.15	K1128	342.550	36.829	135.333	11.252	0.19452	2.97639	4 X
K06F10P	16.1	0.15	K1128	353.416	332.780	177.302	10.881	0.08251	3.03680	6 X
K06F11Y	16.1	0.15	K1128	256.225	75.766	175.639	11.919	0.04489	3.13332	6 X
K06F29F	16.6	0.15	K1128	31.030	82.435	22.917	1.779	0.15063	3.05039	5 X
K06F37O	15.1	0.15	K1128	12.703	139.049	16.316	17.727	0.21930	3.00318	6 X
K06F43X	16.0	0.15	K1128	339.190	81.698	94.324	6.292	0.16037	3.00534	4 X
K06F50O	14.5	0.15	K1128	278.149	129.866	140.490	27.551	0.18277	3.13317	7 X
K06F53J	16.1	0.15	K1128	338.570	140.248	38.384	5.544	0.09950	3.14978	7 X
K06G11R	15.7	0.15	K1128	53.575	84.989	38.029	10.888	0.04628	2.96351	7 X
K06G12L	16.2	0.15	K1128	223.226	289.527	36.765	12.539	0.12564	2.99812	3 X
K06G18M	15.6	0.15	K1128	33.830	108.241	345.553	10.097	0.09444	3.07092	4 X
K06G21D	16.2	0.15	K1128	288.985	104.523	127.919	3.023	0.15667	3.18358	4 X
K06G21L	15.4	0.15	K1128	215.606	123.747	192.818	8.922	0.12028	3.00741	7 X

K06G27F	16.0	0.15	K1128	251.587	168.537	129.457	2.189	0.15507	3.09968	6 X
K06G27G	16.6	0.15	K1128	333.844	125.856	56.177	4.746	0.19709	3.13477	3 X
K06G46R	15.9	0.15	K1128	283.478	68.148	205.128	12.171	0.18676	3.06827	6 X
K06G50U	15.3	0.15	K1128	353.794	37.788	123.345	13.865	0.15175	3.03719	5 X
K06G51P	15.5	0.15	K1128	269.505	239.051	12.140	4.416	0.15156	3.15392	4 X
K06G51Z	15.4	0.15	K1128	303.254	228.119	355.708	27.277	0.13206	3.11785	2 W
K06H15R	16.0	0.15	K1128	71.768	41.642	57.809	7.018	0.06875	3.04560	2 X
K06H16J	16.7	0.15	K1128	64.118	280.552	174.714	5.545	0.11276	3.09604	6 X
K06H19Z	16.1	0.15	K1128	264.041	75.422	201.107	2.914	0.08061	3.01965	8 X
K06H21B	15.6	0.15	K1128	11.713	52.119	78.622	5.150	0.08864	3.21514	6 X
K06H28D	15.2	0.15	K1128	231.204	166.357	162.300	8.912	0.18935	3.16212	5 X
K06H28O	16.0	0.15	K1128	288.048	76.455	179.081	18.176	0.12471	3.21526	7 X
K06H29L	16.1	0.15	K1128	297.169	190.009	84.180	3.131	0.22734	3.01665	7 X
K06H41U	15.7	0.15	K1128	200.929	180.377	170.603	12.246	0.03882	3.09157	5 X
K06H42K	15.4	0.15	K1128	291.528	124.474	99.975	13.889	0.18124	3.15718	4 X
K06H42L	15.1	0.15	K1128	310.707	74.129	133.089	27.020	0.20508	3.15965	4 X
K06H46F	15.8	0.15	K1128	1.724	52.748	100.679	10.276	0.05212	3.17407	6 X
K06H51N	15.3	0.15	K1128	333.578	163.890	35.714	13.855	0.13259	3.10783	4 X
K06H56T	14.8	0.15	K1128	236.827	248.938	52.382	15.081	0.15422	3.18626	7 X
K06H62A	16.7	0.15	K1128	71.928	8.454	96.892	4.841	0.08774	2.98897	5 X
K06H65E	16.7	0.15	K1128	339.839	331.840	201.930	4.460	0.14692	3.20968	6 X
K06H71X	16.3	0.15	K1128	305.491	87.492	156.265	5.492	0.08036	3.07628	5 X
K06H80X	15.2	0.15	K1128	269.131	254.901	36.822	9.677	0.22745	3.11341	5 X
K06H82J	14.9	0.15	K1128	268.878	239.310	49.939	17.230	0.22094	3.15024	4 X
K06HA5P	15.3	0.15	K1128	4.195	65.840	104.409	17.973	0.18022	3.05280	4 X
K06HB0P	15.9	0.15	K1128	285.431	87.749	182.355	9.731	0.22015	3.08509	4 X
K06HD1R	15.5	0.15	K1128	189.543	142.972	174.018	9.596	0.15679	3.07233	6 X
K06HD7V	15.4	0.15	K1128	246.936	273.868	27.353	10.792	0.10908	3.06508	7 X
K06J15B	16.3	0.15	K1128	289.320	102.885	174.343	2.014	0.03025	2.87415	8 X
K06J15K	15.8	0.15	K1128	339.242	145.020	41.338	11.446	0.07834	3.09295	4 X
K06J22A	16.2	0.15	K1128	272.973	156.933	122.069	7.957	0.10481	3.11667	5 W
K06J25U	17.4	0.15	K1128	332.092	173.174	16.135	21.914	0.06417	1.89196	5 W
K06J31R	16.2	0.15	K1128	298.830	57.603	201.617	12.015	0.03902	3.03580	3 X
K06J35D	16.3	0.15	K1128	334.488	110.210	109.132	4.679	0.09744	3.03894	4 X
K06J36H	15.7	0.15	K1128	257.271	231.984	73.393	7.577	0.17770	3.11211	5 X
K06J51K	15.0	0.15	K1128	74.564	302.627	118.775	11.126	0.07682	3.47808	6 X
K06J64B	16.7	0.15	K1128	193.744	316.432	355.018	9.488	0.07961	3.04894	4 X
K06K11Z	15.6	0.15	K1128	20.560	351.282	132.825	13.876	0.15871	3.18248	4 X
K06K34A	15.9	0.15	K1128	228.177	237.867	88.592	3.768	0.07356	3.12796	5 X
K06KB4F	17.6	0.15	K1128	232.258	134.321	177.968	22.630	0.09155	1.87517	5 X
K06QD7K	17.6	0.15	K1128	67.921	169.814	252.829	3.200	0.14271	2.23457	4 X
K06R06Z	17.6	0.15	K1128	106.428	24.940	8.091	6.143	0.11769	2.20558	5 X
K06R22V	16.9	0.15	K1128	104.163	155.806	222.290	5.141	0.19775	2.23212	5 X
K06R24U	18.5	0.15	K1128	97.344	130.472	269.189	4.073	0.06276	2.12856	4 X
K06R52M	18.4	0.15	K1128	88.170	28.668	20.231	3.869	0.04567	2.21231	3 X
K06R88Y	18.4	0.15	K1128	152.508	141.615	209.848	2.888	0.06204	2.15954	5 X
K06R92K	17.8	0.15	K1128	45.505	262.184	172.799	0.075	0.22670	2.31051	4 X
K06RC2C	17.9	0.15	K1128	30.421	286.166	181.660	6.439	0.11463	2.22800	4 X
K06S55R	17.6	0.15	K1128	119.823	212.319	153.080	6.488	0.19992	2.22674	5 X
K06S61S	17.4	0.15	K1128	96.677	315.944	72.958	3.488	0.15643	2.24537	6 X
K06S71C	18.0	0.15	K1128	71.412	251.488	155.611	2.131	0.20652	2.29971	4 X
K06SN4R	18.2	0.15	K1128	110.930	66.245	333.483	4.436	0.11059	2.15211	4 X
K06ST5O	18.0	0.15	K1128	101.102	47.316	348.143	3.225	0.07441	2.18477	5 X
K06SU7W	18.0	0.15	K1128	131.076	12.132	341.015	3.652	0.18486	2.21078	4 X
K06SZ0F	17.7	0.15	K1128	63.126	82.887	343.123	7.480	0.11164	2.22898	3 X
K06SZ5S	18.3	0.15	K1128	71.509	261.966	164.966	5.073	0.26700	2.26902	4 X
K06Sa4S	16.9	0.15	K1128	107.433	17.939	6.757	2.710	0.11493	2.29755	7 X
K06T16P	17.5	0.15	K1128	118.586	167.384	206.644	3.724	0.15705	2.22084	6 X
K06T28V	17.9	0.15	K1128	145.654	146.357	204.658	4.434	0.20136	2.19022	4 X
K06T34M	18.2	0.15	K1128	50.544	198.959	243.249	3.072	0.14082	2.29381	3 X
K06T37J	18.1	0.15	K1128	8.451	272.219	243.383	0.968	0.06633	2.19097	3 X
K06T49B	17.7	0.15	K1128	82.108	85.425	302.969	3.348	0.28522	2.31573	4 X
K06T57V	17.3	0.15	K1128	82.309	213.631	192.479	4.347	0.13090	2.24786	4 X
K06T58F	17.7	0.15	K1128	102.756	138.542	248.008	2.180	0.17313	2.26690	6 X
K06T85H	17.8	0.15	K1128	166.634	83.229	269.025	3.070	0.19973	2.13358	6 X
K06T86Q	17.7	0.15	K1128	124.969	10.686	358.379	3.683	0.11525	2.24197	4 X
K06T94C	17.9	0.15	K1128	15.079	81.704	56.333	4.796	0.09368	2.22380	4 X
K06U36C	18.5	0.15	K1128	97.950	118.851	298.603	0.723	0.11818	2.19936	6 X
K06UA0J	17.7	0.15	K1128	8.832	111.349	21.397	2.988	0.11316	2.27391	5 X
K06UA3U	17.2	0.15	K1128	15.563	73.211	58.993	6.166	0.09131	2.25830	4 X
K06UC6E	18.6	0.15	K1128	174.646	332.938	349.945	2.966	0.10439	2.19847	5 X
K06UG9V	17.8	0.15	K1128	20.024	58.875	60.169	6.066	0.17757	2.28838	3 X
K06UH3P	16.3	0.15	K1128	37.666	81.008	318.357	1.454	0.21086	2.59511	6 X
K06UH4M	17.7	0.15	K1128	110.260	116.828	261.897	4.591	0.16880	2.26377	4 X
K06UI4R	17.5	0.15	K1128	53.892	95.045	337.261	6.643	0.15683	2.29742	2 X
K06UJ0J	17.6	0.15	K1128	157.086	52.017	286.524	5.760	0.21876	2.17242	5 X
K06UL3W	18.0	0.15	K1128	32.046	97.058	354.487	1.981	0.18880	2.37293	3 X

K06UM6Z	17.8	0.15	K1128	40.544	48.023	51.371	4.283	0.06411	2.22569	3 X
K06UN2J	17.5	0.15	K1128	57.878	288.677	140.617	5.792	0.12752	2.27225	5 X
K06UQ0H	18.4	0.15	K1128	205.009	93.346	206.771	4.894	0.04859	2.18870	5 X
K06UQ5O	17.4	0.15	K1128	184.304	354.273	325.188	4.694	0.14607	2.17293	4 X
K06UQ8J	17.0	0.15	K1128	54.655	139.557	293.485	4.282	0.18033	2.33066	4 X
K06US8Q	18.1	0.15	K1128	126.311	36.793	355.842	4.957	0.10459	2.16013	5 X
K06UT1K	16.9	0.15	K1128	33.182	324.208	130.278	6.115	0.22219	2.37179	3 X
K06UW7P	16.0	0.15	K1128	314.743	235.731	271.838	7.762	0.11411	2.63593	5 X
K06UZ9Z	17.8	0.15	K1128	303.665	136.791	84.146	4.361	0.09824	2.15707	5 X
K06V12C	16.8	0.15	K1128	88.080	170.594	220.105	5.634	0.21133	2.32454	6 X
K06V17L	17.4	0.15	K1128	319.687	285.342	281.441	1.927	0.10436	2.19643	5 X
K06V21C	17.4	0.15	K1128	350.057	134.127	31.668	3.472	0.09029	2.25795	6 X
K06V24E	18.2	0.15	K1128	129.492	151.056	209.874	2.802	0.18035	2.25116	4 X
K06V27S	17.3	0.15	K1128	186.566	88.721	234.550	3.655	0.23994	2.15734	5 X
K06V30O	17.2	0.15	K1128	61.571	50.665	22.919	2.917	0.09349	2.31677	4 X
K06V38N	18.0	0.15	K1128	0.652	104.892	42.306	2.605	0.13110	2.28244	8 X
K06V50D	17.3	0.15	K1128	71.855	354.541	54.485	2.843	0.20213	2.35365	5 X
K06V67P	18.3	0.15	K1128	7.717	78.479	57.994	5.211	0.13061	2.33747	3 X
K06V75H	16.7	0.15	K1128	108.926	117.633	264.137	5.619	0.11645	2.33160	4 X
K06V86E	18.2	0.15	K1128	24.891	313.752	179.659	2.334	0.05809	2.23462	5 X
K06VA1Q	16.3	0.15	K1128	66.640	0.664	57.992	8.356	0.22734	2.36136	4 X
K06VA4Z	17.6	0.15	K1128	139.093	97.887	255.055	4.881	0.21053	2.23161	6 X
K06VC9J	16.9	0.15	K1128	49.488	48.159	27.196	5.236	0.20279	2.36115	6 X
K06VD7M	17.8	0.15	K1128	3.078	260.727	241.336	3.364	0.06363	2.30677	7 X
K06VE0U	17.9	0.15	K1128	80.315	331.041	68.457	2.406	0.18313	2.35622	4 X
K06VE6V	18.5	0.15	K1128	92.589	202.022	188.788	4.947	0.16805	2.30948	4 X
K06VF0F	17.5	0.15	K1128	0.163	91.762	58.137	5.810	0.05678	2.23367	4 X
K06VG8K	17.2	0.15	K1128	60.209	120.083	302.602	1.421	0.17145	2.38452	5 X
K06VG8V	16.2	0.15	K1128	125.913	31.055	279.967	7.802	0.15947	2.40772	5 X
K06VH0B	17.4	0.15	K1128	348.999	88.557	71.674	3.647	0.11490	2.31843	4 X
K06VH4A	15.8	0.15	K1128	23.661	335.299	133.353	18.305	0.09646	2.62413	3 X
K06W09Z	18.0	0.15	K1128	40.333	350.399	82.386	5.619	0.24582	2.39695	2 X
K06W11J	16.8	0.15	K1128	110.683	154.546	265.399	6.437	0.09184	2.19941	5 X
K06W31N	18.1	0.15	K1128	37.156	331.938	119.392	2.860	0.14723	2.34720	4 X
K06W34M	17.6	0.15	K1128	344.148	335.507	187.045	4.161	0.09460	2.30113	6 X
K06W56M	17.0	0.15	K1128	14.265	77.700	43.856	3.129	0.13646	2.39035	4 X
K06W68F	17.0	0.15	K1128	105.873	264.347	121.058	4.056	0.23514	2.28826	6 X
K06W69N	15.7	0.15	K1128	354.692	177.353	283.219	16.694	0.11514	2.66532	3 X
K06W72C	17.8	0.15	K1128	80.672	110.705	276.344	1.381	0.22823	2.34676	3 X
K06W79Y	17.9	0.15	K1128	10.499	99.724	32.613	2.684	0.15129	2.34436	4 X
K06W88T	18.2	0.15	K1128	91.395	2.166	21.916	4.222	0.26305	2.35105	4 X
K06WC9A	17.6	0.15	K1128	13.682	338.077	142.394	5.135	0.16104	2.34360	4 X
K06WF8F	16.7	0.15	K1128	24.430	81.034	37.868	7.128	0.05433	2.30582	7 X
K06WG7Y	18.3	0.15	K1128	353.430	71.233	83.090	3.091	0.15107	2.32975	3 X
K06WI1G	17.5	0.15	K1128	21.777	32.287	91.328	3.065	0.16821	2.34335	5 X
K06WI8R	17.5	0.15	K1128	63.100	183.989	253.460	2.754	0.04007	2.32528	3 X
K06WK2P	17.5	0.15	K1128	48.331	167.475	278.907	5.851	0.09111	2.36493	2 X
K06WK4D	17.4	0.15	K1128	338.844	113.620	56.368	2.734	0.11611	2.43741	4 X
K06WK5Z	17.0	0.15	K1128	310.070	104.701	102.789	7.600	0.06019	2.42589	2 X
K06X04Z	18.0	0.15	K1128	120.840	49.488	337.732	2.619	0.13965	2.26702	5 X
K06X08M	17.2	0.15	K1128	60.676	295.860	140.091	4.578	0.13977	2.33857	4 X
K06X10E	16.5	0.15	K1128	327.134	223.654	274.768	9.086	0.17116	2.56994	4 X
K06X10W	16.6	0.15	K1128	31.440	125.101	283.576	9.795	0.17498	2.59399	4 X
K06X11V	17.4	0.15	K1128	59.959	43.432	20.684	1.877	0.17218	2.37954	3 X
K06X15U	16.6	0.15	K1128	46.676	115.683	268.984	3.101	0.20821	2.57854	3 X
K06X17G	17.2	0.15	K1128	35.224	34.180	77.682	7.561	0.06581	2.39160	5 X
K06X27H	16.7	0.15	K1128	320.636	107.011	76.715	8.115	0.05718	2.35475	6 X
K06X28T	17.3	0.15	K1128	37.576	7.086	97.867	5.157	0.11896	2.34340	7 X
K06X33P	18.1	0.15	K1128	107.603	357.459	19.122	2.387	0.20477	2.34060	5 X
K06X42X	17.7	0.15	K1128	359.860	60.358	107.853	2.316	0.12457	2.36275	5 X
K06X47Z	17.5	0.15	K1128	65.384	181.805	231.533	4.384	0.22044	2.37898	4 X
K06X53L	16.7	0.15	K1128	0.882	52.491	98.997	3.299	0.13171	2.42553	3 X
K06X53N	17.1	0.15	K1128	13.328	63.210	67.965	6.951	0.16343	2.40241	3 X
K06X60Q	17.6	0.15	K1128	140.805	53.768	300.033	6.335	0.13701	2.37740	4 X
K06X62T	18.3	0.15	K1128	71.250	323.983	83.531	3.575	0.20476	2.42681	4 X
K06X64V	17.4	0.15	K1128	80.777	158.988	248.370	3.949	0.12609	2.34385	6 X
K06X69J	17.0	0.15	K1128	306.711	115.469	92.565	5.220	0.12935	2.42797	3 X
K06X69Q	16.1	0.15	K1128	81.865	269.272	142.294	15.644	0.01544	2.62013	5 X
K06Y04D	17.4	0.15	K1128	41.354	54.933	68.439	5.644	0.08690	2.33589	3 X
K06Y15C	17.1	0.15	K1128	99.419	88.424	230.016	4.491	0.15058	2.30070	4 X
K06Y17K	16.4	0.15	K1128	51.244	330.315	118.418	4.634	0.16037	2.41830	5 X
K06Y34Y	17.6	0.15	K1128	43.719	55.675	33.032	3.225	0.14600	2.44411	4 X
K06Y40C	17.1	0.15	K1128	341.595	80.096	98.004	6.069	0.05792	2.32500	3 X
K06Y40R	16.6	0.15	K1128	1.811	253.942	246.170	1.955	0.19036	2.42207	6 X
K06Y45F	17.5	0.15	K1128	324.280	58.219	120.639	2.114	0.12192	2.37178	7 X
K06Y51N	16.1	0.15	K1128	266.449	108.141	146.287	14.627	0.03436	2.54600	7 X
K07A01A	17.9	0.15	K1128	31.603	214.948	271.932	0.586	0.12007	2.37918	4 X

K07A07B	16.3	0.15	K1128	307.191	78.094	116.068	7.562	0.05880	2.43684	6 X
K07A09K	18.1	0.15	K1128	37.625	119.216	356.541	3.156	0.15534	2.40023	3 X
K07A10B	17.2	0.15	K1128	344.676	224.530	295.334	1.365	0.12142	2.45740	5 X
K07A10J	17.3	0.15	K1128	62.173	301.697	131.719	2.129	0.16359	2.43144	4 X
K07A15J	17.5	0.15	K1128	30.513	181.373	298.254	3.900	0.13727	2.38798	3 X
K07A16L	17.1	0.15	K1128	1.881	206.747	310.642	2.134	0.16341	2.44590	5 X
K07A17M	16.7	0.15	K1128	36.611	357.342	107.050	3.214	0.17100	2.44172	3 X
K07A22R	17.4	0.15	K1128	344.313	281.402	235.162	1.656	0.12967	2.45648	6 X
K07A23T	16.9	0.15	K1128	19.048	213.488	269.844	5.760	0.05992	2.43828	5 X
K07A23Z	16.5	0.15	K1128	292.794	303.480	280.362	4.904	0.11022	2.46040	5 X
K07A25B	16.5	0.15	K1128	296.520	269.961	309.155	5.611	0.18813	2.45954	2 X
K07A26K	16.7	0.15	K1128	342.903	284.328	265.690	4.446	0.17311	2.42568	6 X
K07B01U	17.1	0.15	K1128	310.906	100.303	129.257	7.542	0.09942	2.31832	4 X
K07B08U	17.4	0.15	K1128	18.071	38.919	92.181	3.310	0.13084	2.41650	4 X
K07B13V	17.3	0.15	K1128	9.661	45.481	95.031	2.564	0.13199	2.44785	4 X
K07B15C	17.5	0.15	K1128	294.785	143.983	105.211	4.234	0.11572	2.35349	5 X
K07B15P	17.3	0.15	K1128	253.845	156.162	109.257	4.091	0.15152	2.45225	6 X
K07B16T	17.1	0.15	K1128	41.329	45.956	66.270	2.303	0.15630	2.41995	7 X
K07B19H	16.3	0.15	K1128	290.088	111.111	115.860	8.689	0.08176	2.46264	6 X
K07B29T	17.9	0.15	K1128	37.912	128.544	342.462	4.375	0.18620	2.42913	4 X
K07B29Y	16.8	0.15	K1128	320.816	103.775	120.001	4.946	0.02506	2.32823	4 X
K07B31Y	17.2	0.15	K1128	6.631	159.580	346.932	2.491	0.14814	2.41047	4 X
K07B36O	17.0	0.15	K1128	1.994	99.792	44.334	3.875	0.13091	2.47345	6 X
K07B40W	17.4	0.15	K1128	67.240	220.206	191.224	2.241	0.20563	2.46740	2 W
K07B41K	17.7	0.15	K1128	291.406	112.226	141.030	2.606	0.14949	2.34586	6 X
K07B41S	17.0	0.15	K1128	332.682	255.677	307.175	3.892	0.15477	2.39790	5 X
K07B41T	17.3	0.15	K1128	30.996	356.167	135.771	2.472	0.08198	2.38382	4 X
K07B42A	16.4	0.15	K1128	357.504	15.387	137.101	6.995	0.07583	2.46553	5 X
K07B42O	17.0	0.15	K1128	29.538	324.288	164.269	2.260	0.17350	2.40914	5 X
K07B48O	17.4	0.15	K1128	101.672	17.283	38.702	3.884	0.19178	2.37658	5 X
K07B49T	16.9	0.15	K1128	320.605	89.239	130.277	5.819	0.10046	2.36982	6 X
K07B49Y	17.6	0.15	K1128	356.288	299.747	235.600	1.386	0.12572	2.40854	5 X
K07B57A	17.1	0.15	K1128	344.235	123.531	54.016	3.146	0.14763	2.44306	4 X
K07B58H	17.0	0.15	K1128	327.784	257.482	315.544	3.719	0.18879	2.39287	7 X
K07B64W	17.3	0.15	K1128	314.761	81.411	152.807	5.424	0.08745	2.37652	5 X
K07B67H	17.6	0.15	K1128	4.912	161.295	327.553	5.481	0.19090	2.55722	5 X
K07B68F	17.1	0.15	K1128	135.732	268.802	125.981	3.637	0.16407	2.33659	6 X
K07B74Y	17.9	0.15	K1128	318.290	61.803	179.446	2.219	0.16187	2.34097	7 X
K07B76P	17.7	0.15	K1128	107.352	84.119	321.283	3.454	0.10767	2.37200	4 X
K07B77U	18.1	0.15	K1128	324.072	299.530	268.972	0.705	0.13763	2.45987	4 X
K07B77Z	16.3	0.15	K1128	167.265	343.545	349.893	9.461	0.08441	2.61798	3 X
K07C02K	17.5	0.15	K1128	295.245	90.202	153.613	4.720	0.10780	2.41262	5 X
K07C09K	16.8	0.15	K1128	322.694	229.398	319.523	27.428	0.18972	2.54287	2 X
K07C09R	16.5	0.15	K1128	295.445	53.876	166.391	8.441	0.11011	2.46796	5 X
K07C13O	17.3	0.15	K1128	6.261	231.024	288.109	2.092	0.11089	2.39146	6 X
K07C14Y	17.2	0.15	K1128	10.662	349.700	150.069	6.890	0.14416	2.48176	5 X
K07C17U	17.5	0.15	K1128	334.641	176.254	31.928	2.769	0.15574	2.41361	5 X
K07C19G	16.2	0.15	K1128	214.824	10.722	282.452	5.980	0.06976	2.41457	5 X
K07C19M	17.3	0.15	K1128	340.328	68.597	123.735	2.574	0.12403	2.40506	6 X
K07C20B	17.6	0.15	K1128	14.978	48.155	84.737	3.653	0.15157	2.44726	6 X
K07C22T	16.5	0.15	K1128	18.275	355.658	151.115	11.335	0.16614	2.41795	4 X
K07C41O	17.2	0.15	K1128	115.632	274.573	136.025	5.278	0.14773	2.29076	6 X
K07C46J	16.2	0.15	K1128	263.496	172.715	90.720	6.979	0.10293	2.44437	7 X
K07C47E	16.2	0.15	K1128	176.604	155.544	171.798	11.111	0.06210	2.54861	4 X
K07C55Q	17.6	0.15	K1128	305.426	86.069	134.715	2.807	0.18781	2.42667	2 X
K07C58R	15.7	0.15	K1128	33.050	337.697	119.520	22.632	0.04944	2.58810	5 X
K07C61B	17.1	0.15	K1128	12.299	184.170	322.956	5.623	0.08342	2.47043	3 X
K07D02P	17.7	0.15	K1128	46.438	90.561	44.323	3.002	0.14504	2.35722	4 X
K07D02S	16.8	0.15	K1128	119.867	245.845	133.908	10.055	0.00851	2.54852	4 X
K07D03Z	17.8	0.15	K1128	331.721	240.213	304.662	5.325	0.26979	2.55673	3 X
K07D09T	15.8	0.15	K1128	295.413	256.760	324.719	27.960	0.13033	2.59364	5 X
K07D13C	16.8	0.15	K1128	49.252	83.839	350.643	8.016	0.19787	2.52145	4 X
K07D18T	17.8	0.15	K1128	348.022	3.508	151.715	8.971	0.09927	2.56663	2 W
K07D18Y	17.3	0.15	K1128	331.976	196.268	337.528	12.144	0.08677	2.57148	2 X
K07D22U	17.5	0.15	K1128	69.906	304.133	153.438	6.389	0.09693	2.42410	5 X
K07D22Z	16.8	0.15	K1128	17.673	145.794	335.302	10.525	0.07803	2.56854	2 X
K07D28S	17.2	0.15	K1128	38.034	334.442	121.167	3.009	0.17065	2.55958	6 X
K07D34J	17.1	0.15	K1128	291.080	265.715	13.900	2.001	0.19504	2.40670	6 X
K07D37E	15.9	0.15	K1128	245.187	287.210	351.395	13.828	0.15782	2.63306	4 X
K07D42R	16.4	0.15	K1128	343.119	358.320	116.630	5.524	0.10471	2.51467	5 X
K07D43V	18.1	0.15	K1128	8.767	317.064	172.964	10.517	0.09859	2.56441	4 X
K07D52A	16.9	0.15	K1128	267.305	64.988	176.720	6.880	0.05528	2.61884	4 X
K07D53F	16.9	0.15	K1128	46.431	106.803	331.576	7.954	0.15666	2.63905	3 X
K07D53P	16.5	0.15	K1128	271.033	262.368	345.390	17.423	0.11428	2.63269	4 X
K07D53W	16.3	0.15	K1128	48.441	107.306	349.300	15.284	0.10689	2.58392	4 X
K07D54T	17.1	0.15	K1128	183.322	148.576	171.729	4.479	0.18122	2.60829	4 X
K07D73Y	18.8	0.15	K1128	289.623	247.709	358.448	2.468	0.26775	2.59524	3 X

K07D74L	16.6	0.15	K1128	150.001	2.971	346.039	5.181	0.10132	2.61076	6 X
K07D77J	16.6	0.15	K1128	337.653	193.704	1.707	12.225	0.10613	2.47203	5 X
K07D77O	16.8	0.15	K1128	80.455	324.627	118.365	7.040	0.09855	2.44355	5 X
K07D77S	16.9	0.15	K1128	4.000	178.843	315.794	5.396	0.23203	2.56403	5 X
K07D86U	16.5	0.15	K1128	286.966	113.366	147.995	6.302	0.15219	2.40479	5 X
K07D92D	17.4	0.15	K1128	126.763	9.463	0.286	2.749	0.06395	2.58062	4 X
K07D95Y	17.7	0.15	K1128	36.775	33.471	54.906	3.240	0.20058	2.58541	3 X
K07D97N	17.3	0.15	K1128	339.506	174.037	354.826	3.655	0.15257	2.61949	3 X
K07D97V	17.6	0.15	K1128	4.697	359.935	193.183	1.816	0.11031	2.41436	4 X
K07DA5P	17.2	0.15	K1128	217.454	276.476	9.227	2.330	0.03466	2.62858	5 X
K07DB5T	16.8	0.15	K1128	180.778	13.924	335.603	4.559	0.11753	2.46087	5 X
K07E00S	18.5	0.15	K1128	95.710	19.255	334.559	35.217	0.59465	1.56962	2 W
K07E03R	17.8	0.15	K1128	30.981	321.829	192.080	1.504	0.14455	2.40133	4 X
K07E06L	17.2	0.15	K1128	237.053	114.854	169.451	5.221	0.17740	2.58414	4 X
K07E08S	16.6	0.15	K1128	323.303	202.998	0.334	5.305	0.17325	2.61134	4 X
K07E11P	17.2	0.15	K1128	331.804	194.538	351.386	4.327	0.17724	2.57708	6 X
K07E14D	16.6	0.15	K1128	7.291	134.105	0.818	13.672	0.23931	2.57966	5 X
K07E14M	16.4	0.15	K1128	46.512	49.938	31.858	7.658	0.23646	2.53724	5 X
K07E17L	16.7	0.15	K1128	123.866	190.661	175.153	7.138	0.12924	2.68717	7 X
K07E20S	16.9	0.15	K1128	356.053	16.701	131.711	3.266	0.03723	2.63209	5 X
K07E24Z	16.4	0.15	K1128	349.856	147.747	14.430	11.674	0.12213	2.65763	5 X
K07E27G	16.9	0.15	K1128	315.268	214.858	21.455	4.584	0.16563	2.55917	6 X
K07E28K	15.8	0.15	K1128	76.574	67.141	343.385	21.866	0.04678	2.65837	3 X
K07E29H	16.3	0.15	K1128	259.112	282.131	347.497	8.166	0.19485	2.65593	3 X
K07E30R	17.6	0.15	K1128	321.647	144.746	41.004	1.829	0.06182	2.53870	5 X
K07E31Q	16.8	0.15	K1128	240.982	137.915	140.272	8.564	0.17486	2.55804	6 X
K07E31V	16.6	0.15	K1128	181.227	188.124	132.735	5.965	0.05471	2.56096	4 X
K07E32M	17.5	0.15	K1128	87.656	221.972	197.300	1.667	0.19336	2.42934	5 X
K07E36R	16.0	0.15	K1128	301.481	106.369	103.287	8.197	0.15034	2.67399	5 X
K07E39N	15.9	0.15	K1128	336.860	152.489	15.598	11.719	0.16808	2.64732	4 X
K07E40K	17.4	0.15	K1128	329.409	93.589	127.338	4.043	0.12475	2.48094	7 X
K07E42K	16.5	0.15	K1128	258.710	256.326	5.503	8.537	0.06448	2.62562	7 X
K07E45Q	16.2	0.15	K1128	96.416	31.248	17.900	14.770	0.08192	2.68851	4 X
K07E45V	16.4	0.15	K1128	220.119	93.814	187.687	5.837	0.00596	2.75866	5 X
K07E56O	17.5	0.15	K1128	306.043	78.198	160.739	7.545	0.16334	2.57405	4 X
K07E58B	17.4	0.15	K1128	149.247	47.593	322.860	1.697	0.22988	2.33157	6 X
K07E64Z	18.0	0.15	K1128	39.397	63.658	81.298	2.071	0.13156	2.41568	5 X
K07E69O	17.6	0.15	K1128	325.902	137.116	52.265	3.474	0.06282	2.61562	5 X
K07E77K	17.1	0.15	K1128	348.877	9.355	152.724	4.716	0.18119	2.60088	3 X
K07E78S	16.1	0.15	K1128	300.849	117.530	95.609	5.080	0.11171	2.61485	4 X
K07E78Y	16.5	0.15	K1128	315.765	225.678	341.569	11.204	0.13024	2.58781	4 X
K07E80H	16.5	0.15	K1128	235.689	86.779	189.117	5.699	0.05341	2.69624	6 X
K07E85A	17.6	0.15	K1128	345.301	44.599	122.016	6.105	0.20789	2.58346	2 X
K07E85D	16.2	0.15	K1128	265.140	276.325	351.818	12.637	0.15186	2.63150	5 X
K07E85U	15.8	0.15	K1128	231.232	263.973	33.808	15.598	0.05248	2.62444	6 X
K07E91V	17.2	0.15	K1128	327.063	300.689	271.799	1.282	0.15846	2.44934	6 X
K07E92Z	18.4	0.15	K1128	335.613	220.331	309.977	2.925	0.09478	2.54736	4 X
K07E97R	17.7	0.15	K1128	318.404	153.225	43.472	1.684	0.12668	2.53913	4 X
K07E98E	16.3	0.15	K1128	192.542	148.822	166.079	10.470	0.03242	2.62618	5 X
K07E98W	17.1	0.15	K1128	232.831	120.723	152.041	6.065	0.03983	2.65531	5 X
K07E99U	17.3	0.15	K1128	43.926	87.352	10.701	2.769	0.02578	2.62837	4 X
K07EA1G	16.8	0.15	K1128	357.424	125.237	20.847	11.886	0.13082	2.62123	3 X
K07EA5G	17.3	0.15	K1128	75.423	48.472	13.749	1.980	0.05480	2.64316	6 X
K07EB1Q	16.5	0.15	K1128	316.620	174.842	33.058	5.536	0.12411	2.62373	5 X
K07EB2G	16.4	0.15	K1128	143.042	11.494	19.020	14.833	0.10849	2.53819	6 X
K07EB4F	16.6	0.15	K1128	305.043	231.864	349.535	12.878	0.20017	2.63792	2 X
K07EC0G	16.7	0.15	K1128	50.011	300.317	163.138	6.336	0.16182	2.62956	4 X
K07ED0Z	17.1	0.15	K1128	17.598	310.854	170.798	3.792	0.03447	2.65682	4 X
K07ED2X	16.8	0.15	K1128	271.514	240.266	3.326	3.589	0.09105	2.63655	5 X
K07ED6M	16.7	0.15	K1128	11.760	132.279	6.331	7.844	0.15424	2.57368	5 X
K07ED7O	17.3	0.15	K1128	348.786	272.315	267.280	1.211	0.11162	2.46403	5 X
K07EE4L	17.4	0.15	K1128	102.780	319.035	100.111	1.898	0.19148	2.44030	6 X
K07EE5R	17.7	0.15	K1128	6.278	343.705	149.231	5.708	0.13730	2.60497	3 W
K07EE8K	17.1	0.15	K1128	232.107	161.226	112.727	4.082	0.04169	2.66205	7 X
K07EF9H	17.0	0.15	K1128	272.465	140.216	138.704	3.014	0.19979	2.40597	4 X
K07EG1F	15.4	0.15	K1128	278.521	221.896	40.098	14.447	0.10381	2.66429	3 X
K07EG7U	17.3	0.15	K1128	359.226	181.814	320.048	4.054	0.19350	2.59310	2 X
K07EG7W	17.3	0.15	K1128	257.126	261.168	36.874	4.490	0.15629	2.54791	6 X
K07EG7Z	17.5	0.15	K1128	273.392	246.261	42.350	4.409	0.18838	2.53847	6 X
K07EG8W	17.3	0.15	K1128	349.028	31.819	128.639	3.477	0.08053	2.68486	6 X
K07EG9K	17.0	0.15	K1128	253.920	260.006	47.255	3.444	0.20595	2.57021	5 X
K07EG9T	16.6	0.15	K1128	82.015	2.691	51.097	3.037	0.06615	2.79738	6 X
K07EH4E	16.9	0.15	K1128	323.925	213.107	356.485	8.809	0.06924	2.56585	3 W
K07EI2X	17.2	0.15	K1128	303.556	173.718	58.339	11.098	0.09517	2.44621	7 X
K07EI3L	17.0	0.15	K1128	200.684	183.499	118.328	3.621	0.13870	2.66931	7 X
K07EJ3X	16.1	0.15	K1128	321.390	217.593	346.927	12.424	0.19420	2.62317	3 X
K07EK2F	17.0	0.15	K1128	357.656	172.261	14.957	2.422	0.14692	2.40078	4 X

K07EL1H	15.9	0.15	K1128	274.474	145.446	116.051	9.847	0.19412	2.53551	5 X
K07EL3E	16.2	0.15	K1128	6.802	170.961	352.218	11.330	0.18613	2.57033	5 X
K07EL3M	16.9	0.15	K1128	35.281	51.658	68.437	6.031	0.21709	2.55148	6 X
K07EL4B	17.9	0.15	K1128	17.880	280.098	224.073	2.345	0.09256	2.54604	5 X
K07EL4W	17.6	0.15	K1128	222.162	305.794	10.535	3.187	0.09109	2.54020	4 X
K07EL6N	16.6	0.15	K1128	312.509	89.836	107.453	12.889	0.13410	2.66436	5 X
K07EL7B	17.0	0.15	K1128	106.312	31.353	356.843	8.626	0.08034	2.66208	5 X
K07EL8Y	15.9	0.15	K1128	74.989	50.742	27.091	22.029	0.11635	2.60177	3 X
K07EM1G	16.8	0.15	K1128	260.045	149.641	112.823	4.819	0.16961	2.71730	4 X
K07F04W	16.8	0.15	K1128	197.560	9.116	322.441	5.365	0.12506	2.44636	4 X
K07F12O	17.8	0.15	K1128	12.315	334.299	196.513	12.179	0.11045	2.54633	3 X
K07F15N	17.0	0.15	K1128	24.022	176.920	293.956	4.824	0.16627	2.54986	3 X
K07F23K	16.8	0.15	K1128	42.044	73.815	21.993	5.832	0.08415	2.68303	7 X
K07F24Z	17.3	0.15	K1128	327.634	161.721	17.946	2.972	0.03668	2.67190	6 X
K07F26B	17.4	0.15	K1128	270.398	120.479	170.729	7.495	0.21273	2.44104	5 X
K07F26P	17.3	0.15	K1128	308.021	241.703	351.414	0.722	0.13535	2.54626	6 X
K07F26U	17.3	0.15	K1128	187.637	345.097	0.445	3.022	0.13404	2.57132	5 X
K07F33C	16.2	0.15	K1128	268.070	229.699	32.767	7.334	0.09017	2.68875	7 X
K07F33G	16.1	0.15	K1128	290.457	125.813	133.914	15.710	0.22994	2.61594	5 X
K07F34D	17.6	0.15	K1128	347.343	154.488	4.295	1.780	0.13411	2.61734	4 X
K07F36G	16.6	0.15	K1128	147.771	163.732	187.780	6.279	0.04787	2.71306	6 X
K07F38F	15.9	0.15	K1128	298.656	268.791	324.642	13.296	0.26383	2.64738	4 X
K07F38L	16.0	0.15	K1128	297.801	221.923	32.961	12.716	0.23775	2.59777	4 X
K07F46T	16.5	0.15	K1128	247.961	66.745	205.219	6.799	0.17997	2.78642	5 X
K07F50A	16.7	0.15	K1128	341.860	52.415	142.886	9.376	0.10209	2.57812	4 X
K07G08T	17.8	0.15	K1128	284.295	53.803	207.385	2.470	0.18854	2.62268	3 X
K07G16J	15.4	0.15	K1128	155.839	313.459	22.066	9.361	0.06935	2.96705	4 X
K07G18U	16.4	0.15	K1128	4.748	119.556	36.195	14.190	0.11310	2.67654	4 X
K07G20C	16.7	0.15	K1128	270.025	256.945	24.412	8.745	0.11341	2.62232	5 X
K07G20W	16.3	0.15	K1128	194.092	147.968	194.365	2.925	0.18502	2.77606	6 X
K07G21L	16.5	0.15	K1128	64.501	275.939	205.011	5.504	0.15269	2.52089	7 X
K07G22S	16.5	0.15	K1128	285.164	81.901	203.511	4.026	0.28089	2.60175	5 X
K07G24Y	16.3	0.15	K1128	220.943	307.631	346.808	7.153	0.20631	2.77647	4 X
K07G33Y	16.4	0.15	K1128	307.675	351.536	258.922	4.340	0.24640	2.57647	3 X
K07G36S	17.3	0.15	K1128	13.083	326.695	184.361	7.009	0.08031	2.63694	4 X
K07G39N	16.5	0.15	K1128	120.452	187.079	206.658	3.301	0.10107	2.77493	4 X
K07G40N	16.0	0.15	K1128	226.981	254.822	47.173	12.007	0.05959	2.73242	4 X
K07G44B	16.5	0.15	K1128	229.776	70.538	203.029	5.386	0.02986	2.79579	4 X
K07G46T	16.0	0.15	K1128	177.590	162.061	189.739	5.422	0.10824	2.79615	8 X
K07G47D	16.7	0.15	K1128	201.138	153.690	178.673	5.685	0.06630	2.75716	6 X
K07G48R	16.4	0.15	K1128	20.121	324.273	206.973	8.745	0.14660	2.53096	6 X
K07G51N	16.5	0.15	K1128	296.856	142.378	107.116	14.023	0.19839	2.61407	6 X
K07G53P	17.1	0.15	K1128	231.051	282.209	46.216	6.873	0.14561	2.62492	5 X
K07G60K	16.5	0.15	K1128	357.260	266.481	243.370	3.567	0.09580	2.75103	5 X
K07G62H	16.8	0.15	K1128	328.457	244.756	293.297	3.340	0.06747	2.77366	4 X
K07G63T	17.8	0.15	K1128	312.633	218.177	34.367	4.526	0.08704	2.52687	6 X
K07G67L	16.4	0.15	K1128	34.596	82.070	37.683	4.417	0.05027	2.77250	7 X
K07G73N	16.6	0.15	K1128	288.787	94.107	162.080	9.213	0.10729	2.63479	3 X
K07G74P	15.8	0.15	K1128	337.530	36.635	131.686	13.804	0.07747	2.77020	4 X
K07G74U	15.8	0.15	K1128	223.621	279.742	35.297	15.158	0.17286	2.72475	5 X
K07G76T	16.3	0.15	K1128	261.631	234.814	45.272	14.519	0.14134	2.64271	5 X
K07H00M	16.4	0.15	K1128	250.837	95.290	176.629	8.121	0.15316	2.77033	6 X
K07H03D	16.4	0.15	K1128	151.144	346.327	36.142	11.784	0.07242	2.64328	4 X
K07H06K	16.0	0.15	K1128	288.032	141.236	99.569	8.402	0.17879	2.67578	6 X
K07H11R	16.6	0.15	K1128	51.650	264.690	187.613	4.148	0.03557	2.81077	6 X
K07H12D	17.2	0.15	K1128	91.984	247.851	216.039	2.545	0.07494	2.53920	7 X
K07H13M	17.2	0.15	K1128	348.165	9.329	178.688	4.553	0.17849	2.56579	4 X
K07H23S	17.4	0.15	K1128	321.049	351.887	198.421	3.114	0.08976	2.78197	6 X
K07H25P	17.2	0.15	K1128	285.429	234.370	37.245	4.581	0.15208	2.59524	4 X
K07H27L	16.6	0.15	K1128	323.327	132.855	56.880	5.471	0.10528	2.78313	5 X
K07H37Z	17.4	0.15	K1128	331.549	79.486	136.005	4.221	0.05851	2.52213	5 X
K07H39W	16.6	0.15	K1128	141.485	261.084	138.585	5.334	0.14658	2.53534	6 X
K07H41A	16.1	0.15	K1128	355.572	324.522	200.651	11.163	0.11457	2.66300	6 X
K07H48B	16.7	0.15	K1128	269.509	81.431	183.547	5.456	0.08984	2.70378	4 X
K07H48K	16.9	0.15	K1128	1.116	21.075	153.736	2.912	0.12023	2.59758	4 X
K07H50U	16.4	0.15	K1128	291.891	25.644	191.265	6.966	0.05026	2.84308	6 X
K07H53J	16.4	0.15	K1128	330.668	36.428	175.864	5.062	0.16805	2.62320	7 X
K07H60O	16.4	0.15	K1128	334.533	155.388	39.857	13.199	0.12108	2.58461	4 X
K07H61W	16.5	0.15	K1128	235.006	230.375	53.170	5.037	0.03319	2.76532	3 X
K07H64G	16.6	0.15	K1128	348.019	102.553	48.554	10.535	0.20129	2.73147	4 X
K07H66B	14.8	0.15	K1128	195.306	139.512	171.243	14.030	0.16991	3.10189	5 X
K07H66W	16.5	0.15	K1128	303.780	64.358	195.243	11.249	0.13692	2.60540	3 X
K07H69L	16.4	0.15	K1128	201.957	167.414	166.606	6.685	0.08086	2.73966	5 X
K07H71B	16.1	0.15	K1128	33.224	52.313	71.176	9.915	0.12162	2.72132	4 X
K07H76H	16.3	0.15	K1128	288.157	174.175	52.705	7.042	0.03588	2.82889	4 X
K07H80Q	17.3	0.15	K1128	5.780	109.774	29.370	4.106	0.16481	2.68174	4 X
K07H83B	15.6	0.15	K1128	84.363	30.421	55.129	22.661	0.03739	2.65475	6 X

K07H83T	16.7	0.15	K1128	261.646	115.250	182.290	12.654	0.27213	2.68347	4 X
K07H90F	16.4	0.15	K1128	346.917	93.030	76.748	6.141	0.16577	2.63503	5 X
K07H97D	16.3	0.15	K1128	312.655	85.812	122.576	6.261	0.09762	2.72988	5 X
K07J02L	16.5	0.15	K1128	316.179	142.904	86.307	13.650	0.12652	2.63207	4 X
K07J09E	17.2	0.15	K1128	345.595	11.684	157.700	5.031	0.32884	2.62528	3 X
K07J11Z	16.3	0.15	K1128	297.889	143.853	103.833	14.772	0.07552	2.67089	4 X
K07J26X	16.3	0.15	K1128	214.739	207.981	115.992	5.606	0.06749	2.77414	4 X
K07J40Z	17.1	0.15	K1128	319.518	111.490	126.245	4.830	0.18374	2.59496	6 X
K07J45D	17.1	0.15	K1128	299.465	110.829	163.610	2.298	0.14953	2.56296	4 X
K07K03S	16.4	0.15	K1128	273.331	208.796	60.906	13.025	0.16843	2.62160	4 X
K07L00Q	16.5	0.15	K1128	339.625	54.747	165.663	7.147	0.19163	2.56792	3 X
K07L11B	16.5	0.15	K1128	155.187	251.330	84.596	10.837	0.09770	3.14420	4 X
K07L12N	16.6	0.15	K1128	345.400	74.648	100.957	3.853	0.11726	2.74523	4 X
K07L15X	17.3	0.15	K1128	313.913	54.379	150.123	10.014	0.18062	2.78651	4 X
K07L20J	16.8	0.15	K1128	352.901	7.571	188.329	5.459	0.19650	2.59782	5 X
K07M09G	15.3	0.15	K1128	91.681	272.328	130.844	10.580	0.04994	3.08320	6 X
K07M13Z	16.1	0.15	K1128	269.584	63.355	171.737	14.546	0.09854	2.98777	5 X
K07M25D	16.7	0.15	K1128	277.681	323.695	313.345	2.182	0.21759	2.87873	6 X
K07P37F	15.3	0.15	K1128	234.909	27.290	275.433	3.665	0.14170	3.22991	5 X
K07R65L	16.3	0.15	K1128	253.214	140.456	166.017	8.641	0.10129	3.11717	7 X
K07R95H	15.7	0.15	K1128	280.656	258.540	23.054	16.265	0.22888	3.17387	4 X
K07RC4L	15.6	0.15	K1128	49.799	79.990	27.268	3.084	0.18649	3.95536	6 X
K07RL6M	16.8	0.15	K1128	278.664	33.122	313.134	2.574	0.10613	2.76426	3 X
K07T24P	15.1	0.15	K1128	138.430	271.327	127.798	2.744	0.13243	3.96193	8 X
K07T58W	15.8	0.15	K1128	309.345	270.399	333.794	8.881	0.18748	3.13137	4 X
K07T92L	16.1	0.15	K1128	326.796	87.107	139.770	5.635	0.12043	3.10318	5 X
K07TD5C	16.1	0.15	K1128	245.938	139.916	170.793	13.031	0.08306	3.22960	6 X
K07TE7H	15.2	0.15	K1128	260.509	289.518	19.890	26.435	0.20494	3.12098	4 X
K07TMSM	16.1	0.15	K1128	256.435	270.936	25.670	1.588	0.17414	3.12801	7 X
K07Y15M	16.9	0.15	K1128	347.045	46.370	325.006	1.784	0.05479	2.53218	4 X
K08AB2F	17.4	0.15	K1128	22.663	1.734	149.527	23.649	0.05918	1.94533	4 X
K08D67J	18.2	0.15	K1128	273.347	15.590	234.253	2.455	0.16708	2.18443	6 X
K08D73W	17.4	0.15	K1128	152.599	162.033	178.738	7.574	0.16649	2.22788	4 X
K08E15L	18.2	0.15	K1128	51.354	269.043	166.816	4.768	0.14497	2.20729	4 X
K08E18V	17.5	0.15	K1128	261.112	299.080	319.788	4.827	0.16017	2.14511	7 X
K08E33M	17.5	0.15	K1128	188.615	282.168	34.505	0.932	0.23975	2.29326	7 X
K08E47V	17.1	0.15	K1128	218.507	115.168	180.430	7.612	0.14700	2.27263	6 X
K08E67M	17.4	0.15	K1128	173.345	0.290	327.268	5.829	0.16948	2.22354	4 X
K08E82X	17.4	0.15	K1128	281.087	303.372	288.521	4.957	0.10573	2.16891	6 X
K08EC7F	17.6	0.15	K1128	87.863	228.014	179.909	6.745	0.07306	2.24483	6 X
K08EE7X	17.6	0.15	K1128	218.203	283.897	9.770	5.709	0.14063	2.23768	4 X
K08EG6R	17.4	0.15	K1128	2.788	41.804	93.056	6.213	0.06925	2.19564	5 X
K08F15L	17.0	0.15	K1128	269.780	170.792	87.203	6.108	0.15524	2.22332	5 X
K08F25U	16.9	0.15	K1128	244.940	203.984	67.428	3.649	0.13651	2.27931	8 X
K08F45Q	17.9	0.15	K1128	230.725	265.327	19.534	4.414	0.15665	2.18591	4 X
K08F57V	18.6	0.15	K1128	299.912	30.037	192.348	4.929	0.14861	2.20368	2 X
K08F59J	17.0	0.15	K1128	235.973	183.051	98.086	3.951	0.15010	2.28908	8 X
K08F60S	17.1	0.15	K1128	294.022	92.153	139.257	6.023	0.14631	2.21270	4 X
K08F61K	16.9	0.15	K1128	164.348	227.019	105.278	3.492	0.18283	2.32418	8 X
K08F66B	17.9	0.15	K1128	322.124	143.655	42.268	3.227	0.09532	2.26356	3 X
K08FA2Q	18.1	0.15	K1128	306.651	107.106	110.274	4.938	0.10980	2.20675	3 X
K08FA6U	18.4	0.15	K1128	233.941	202.197	68.479	2.875	0.01563	2.24643	5 X
K08FB1U	17.5	0.15	K1128	262.295	112.463	140.689	5.823	0.14020	2.30742	4 X
K08FC4H	18.3	0.15	K1128	265.732	153.917	125.391	3.445	0.07555	2.16106	4 X
K08FC8H	17.8	0.15	K1128	322.248	148.555	34.323	6.729	0.11373	2.26797	5 X
K08FC9B	17.6	0.15	K1128	8.932	316.788	177.409	5.284	0.07145	2.26754	4 X
K08FD0H	17.6	0.15	K1128	340.129	16.458	171.498	6.368	0.09647	2.16518	4 X
K08G01U	17.4	0.15	K1128	250.261	280.234	351.425	3.288	0.19996	2.28833	3 X
K08G11Z	17.0	0.15	K1128	247.882	263.340	42.618	7.808	0.23087	2.22267	4 X
K08G37B	18.0	0.15	K1128	238.361	114.604	180.796	2.925	0.12662	2.17632	5 X
K08G38H	18.3	0.15	K1128	333.646	11.001	183.896	4.391	0.09605	2.19529	4 X
K08G39B	17.4	0.15	K1128	335.646	2.162	172.164	5.026	0.11399	2.26981	6 X
K08G42B	17.1	0.15	K1128	158.586	260.516	81.007	4.313	0.09190	2.35368	6 X
K08G42O	16.6	0.15	K1128	255.374	196.748	81.506	5.214	0.15553	2.21996	7 X
K08G69E	18.0	0.15	K1128	245.109	91.568	183.028	6.558	0.18321	2.32716	5 X
K08G81E	18.1	0.15	K1128	269.099	127.717	123.138	3.088	0.19225	2.30489	4 X
K08GB9Q	17.5	0.15	K1128	271.851	95.636	142.980	3.642	0.04494	2.33229	5 X
K08GC1U	17.8	0.15	K1128	295.475	40.473	183.117	6.080	0.15785	2.21627	4 X
K08GD3M	18.0	0.15	K1128	283.483	192.398	70.317	2.735	0.10577	2.15697	3 X
K08GD9R	17.5	0.15	K1128	49.411	44.164	33.018	6.474	0.08927	2.34523	3 X
K08H33Y	17.4	0.15	K1128	306.594	49.498	173.301	6.892	0.07667	2.21636	6 X
K08H54J	16.9	0.15	K1128	57.570	1.268	72.192	7.266	0.08725	2.42556	4 X
K08H54Y	18.8	0.15	K1128	342.599	81.247	97.160	4.085	0.18395	2.20211	4 X
K08H56V	17.9	0.15	K1128	61.603	33.964	43.149	3.723	0.11680	2.22328	3 X
K08H66V	17.9	0.15	K1128	349.009	20.791	156.831	4.755	0.09545	2.21085	5 X
K08J04W	17.1	0.15	K1128	248.672	247.450	27.265	6.390	0.09849	2.23804	4 X
K08J07A	17.9	0.15	K1128	270.996	82.508	187.829	4.982	0.14443	2.21737	6 X

K08J10E	18.4	0.15	K1128	274.950	27.336	214.326	4.008	0.10703	2.29973	5 X
K08J11K	17.6	0.15	K1128	214.151	164.078	132.905	7.343	0.11101	2.38145	3 X
K08J14G	17.2	0.15	K1128	285.411	63.819	181.741	6.540	0.07901	2.28002	7 X
K08J37J	17.6	0.15	K1128	271.618	195.417	81.385	4.501	0.13753	2.20312	6 X
K08K04T	17.2	0.15	K1128	35.831	327.411	136.559	7.847	0.04600	2.40824	4 X
K08K05V	17.5	0.15	K1128	311.913	21.722	175.362	6.749	0.05133	2.36247	3 X
K08K28B	16.2	0.15	K1128	183.838	185.156	133.632	16.363	0.14604	2.52220	5 X
K08K30X	17.7	0.15	K1128	261.182	102.986	155.369	6.688	0.16189	2.33287	4 X
K08L10L	17.6	0.15	K1128	0.885	38.823	115.333	5.810	0.08729	2.29762	6 X
K08L14U	16.2	0.15	K1128	170.101	173.833	207.199	6.018	0.22717	2.54062	8 X
K08L16O	17.9	0.15	K1128	249.759	181.129	128.725	6.538	0.28333	2.27815	4 X
K08N01P	15.6	0.15	K1128	328.032	12.689	165.303	22.163	0.04982	2.68365	5 X
K08N05E	16.3	0.15	K1128	234.753	191.413	105.688	11.099	0.19604	2.58502	5 X
K08O11E	16.1	0.15	K1128	195.546	29.033	287.438	3.977	0.15331	2.78254	6 X
K08O20O	17.1	0.15	K1128	190.415	128.207	212.232	1.500	0.07926	2.71649	7 X
K08O20X	15.7	0.15	K1128	38.045	319.162	162.360	15.763	0.23616	3.08086	5 X
K08O21V	16.1	0.15	K1128	106.603	288.153	136.787	3.545	0.12729	2.93997	5 X
K08O23W	17.0	0.15	K1128	203.182	189.081	156.447	5.813	0.18788	2.63982	7 X
K08O24A	16.9	0.15	K1128	120.816	173.674	229.240	1.249	0.07296	2.91369	3 X
K08P01R	16.6	0.15	K1128	206.620	124.219	173.016	10.769	0.07877	2.92762	4 X
K08P12U	16.0	0.15	K1128	167.919	194.800	139.907	7.063	0.06388	2.88478	5 X
K08P17D	14.8	0.15	K1128	99.724	70.694	320.517	21.673	0.11017	3.17146	6 X
K08P19P	17.3	0.15	K1128	311.311	99.706	138.642	2.442	0.13991	2.47750	7 X
K08P21B	15.4	0.15	K1128	123.849	20.150	355.048	28.468	0.20949	3.19033	4 X
K08Q01N	16.1	0.15	K1128	133.704	34.808	347.480	9.504	0.23070	3.07798	5 X
K08Q06S	15.8	0.15	K1128	276.438	264.914	335.259	8.346	0.11440	2.79259	4 X
K08Q07U	16.1	0.15	K1128	269.692	143.118	117.096	18.731	0.17769	2.54809	5 X
K08Q10M	15.4	0.15	K1128	176.037	345.685	341.325	10.733	0.11475	3.10909	4 X
K08Q13B	17.2	0.15	K1128	275.448	121.940	166.473	7.634	0.18633	2.40485	4 X
K08Q16U	15.7	0.15	K1128	177.922	159.903	168.372	12.637	0.07191	3.10496	4 X
K08Q17M	16.0	0.15	K1128	260.068	280.491	352.735	13.493	0.18810	2.68498	3 X
K08Q17R	17.0	0.15	K1128	219.758	143.110	150.662	3.982	0.17456	2.78146	4 X
K08Q23L	15.7	0.15	K1128	130.224	222.327	138.365	16.931	0.18044	3.22490	6 X
K08Q26E	15.9	0.15	K1128	274.122	265.287	346.069	14.063	0.14062	2.62738	5 X
K08Q26R	15.4	0.15	K1128	216.452	291.438	359.498	7.484	0.07420	2.91434	5 X
K08Q27C	15.4	0.15	K1128	139.508	223.939	135.007	10.389	0.08090	3.17469	6 X
K08Q28L	16.0	0.15	K1128	226.329	179.928	123.617	9.449	0.17509	2.71721	6 X
K08Q29P	16.1	0.15	K1128	137.418	221.586	135.413	4.994	0.14695	3.22547	4 X
K08Q40V	15.9	0.15	K1128	349.390	24.720	184.880	13.254	0.25641	2.59544	3 X
K08Q48J	15.6	0.15	K1128	163.052	44.334	295.584	8.107	0.09369	3.11014	6 X
K08R05K	16.2	0.15	K1128	188.122	182.141	172.999	12.427	0.07670	2.83562	6 X
K08R08K	15.6	0.15	K1128	273.781	5.205	231.536	3.935	0.04705	3.12575	5 X
K08R09R	16.2	0.15	K1128	156.959	26.274	343.851	7.874	0.12369	3.09145	5 X
K08R09W	15.9	0.15	K1128	312.123	248.781	343.218	7.819	0.14888	2.76041	3 X
K08R11X	17.0	0.15	K1128	78.856	43.019	55.537	2.755	0.02653	2.89726	5 X
K08R19E	16.2	0.15	K1128	276.934	268.025	347.254	13.675	0.21201	2.67389	5 X
K08R26M	15.9	0.15	K1128	349.060	21.117	170.074	12.615	0.06211	2.81015	3 X
K08R27W	15.9	0.15	K1128	220.764	270.393	46.849	14.280	0.14962	2.54697	5 X
K08R28P	16.9	0.15	K1128	148.565	151.699	227.011	2.056	0.10660	2.98586	4 X
K08R29M	14.9	0.15	K1128	38.904	304.494	178.005	18.152	0.10686	3.16816	8 X
K08R31O	16.0	0.15	K1128	162.482	166.315	173.625	11.600	0.11721	3.20264	4 X
K08R35M	14.7	0.15	K1128	64.501	246.159	186.440	5.725	0.26952	3.98451	7 X
K08R39P	16.3	0.15	K1128	58.063	293.980	180.898	17.512	0.09675	3.07884	5 X
K08R41D	17.6	0.15	K1128	236.512	130.020	181.976	2.003	0.20604	2.62582	5 X
K08R44L	17.4	0.15	K1128	240.988	282.443	16.727	1.613	0.07402	2.78594	5 X
K08R47N	17.4	0.15	K1128	283.255	140.080	137.516	3.565	0.20738	2.34994	5 X
K08R47S	16.3	0.15	K1128	249.857	291.087	342.249	13.008	0.14156	2.67444	4 X
K08R54C	15.6	0.15	K1128	337.550	223.023	304.923	8.248	0.04092	3.07024	5 X
K08R58U	16.5	0.15	K1128	154.097	245.910	129.382	2.280	0.05510	2.95057	5 W
K08R69P	16.3	0.15	K1128	296.288	21.213	212.234	4.010	0.05783	2.79876	6 X
K08R70N	16.8	0.15	K1128	263.178	193.548	109.009	3.556	0.18905	2.40334	8 X
K08R82J	15.9	0.15	K1128	152.259	208.207	177.626	12.485	0.06933	2.75741	6 X
K08RA0A	16.2	0.15	K1128	199.029	348.975	352.897	7.839	0.22217	2.79902	5 X
K08RA2B	15.8	0.15	K1128	244.580	100.780	170.038	11.017	0.08026	2.99842	6 X
K08RA9X	17.2	0.15	K1128	321.322	42.678	208.036	5.066	0.14846	2.38890	6 X
K08RB0K	16.2	0.15	K1128	324.022	344.298	218.841	2.323	0.05459	3.00467	7 X
K08RB5J	17.6	0.15	K1128	227.181	128.388	181.794	6.642	0.10092	2.70615	4 X
K08RB5V	16.6	0.15	K1128	204.301	53.743	271.700	1.950	0.11318	2.81909	6 X
K08RB7O	16.1	0.15	K1128	330.669	350.068	205.988	4.351	0.04792	2.88726	8 X
K08RC2G	16.5	0.15	K1128	37.444	122.084	9.607	8.659	0.05406	3.01326	4 X
K08RD0E	16.1	0.15	K1128	145.909	10.621	343.135	8.981	0.09704	3.04529	4 X
K08RD3H	15.1	0.15	K1128	189.583	174.289	146.178	16.150	0.09650	3.07898	7 X
K08RD4N	16.2	0.15	K1128	158.948	338.055	29.655	2.295	0.18268	2.90969	6 X
K08RD5N	16.4	0.15	K1128	168.390	9.622	347.539	9.770	0.11756	2.98253	4 X
K08RD6R	16.0	0.15	K1128	338.955	183.870	21.512	15.397	0.07924	2.84722	3 X
K08RD8E	15.4	0.15	K1128	137.837	17.073	342.890	11.075	0.07890	3.15401	3 X
K08RD8F	14.9	0.15	K1128	58.128	94.105	351.876	21.916	0.12923	3.20649	5 X

K08S04L	15.5	0.15	K1128	114.915	273.316	138.326	7.126	0.13158	3.18483	5 X
K08S04Y	15.4	0.15	K1128	252.038	198.464	69.705	6.519	0.07694	3.04784	6 X
K08S07L	17.7	0.15	K1128	260.173	299.751	28.887	5.977	0.26996	2.35726	3 X
K08S07S	21.1	0.15	K1128	209.427	161.046	182.139	10.944	0.48695	2.58098	2 W
K08S13U	16.7	0.15	K1128	176.295	194.564	162.206	6.494	0.05732	2.69643	5 X
K08S17V	16.6	0.15	K1128	186.687	116.090	205.284	4.200	0.11106	2.93930	6 X
K08S20V	17.2	0.15	K1128	313.963	95.206	132.064	2.326	0.13143	2.54441	6 X
K08S21M	15.4	0.15	K1128	46.867	286.140	178.228	11.606	0.13830	3.15805	7 X
K08S23C	16.7	0.15	K1128	137.794	98.690	287.412	0.909	0.01904	2.92148	7 X
K08S29E	15.9	0.15	K1128	159.618	23.610	343.586	5.388	0.16338	3.09441	5 X
K08S36E	17.3	0.15	K1128	295.452	252.461	33.178	4.720	0.17893	2.42782	6 X
K08S39G	15.8	0.15	K1128	109.008	42.038	26.123	11.375	0.07765	3.12966	5 X
K08S48D	16.7	0.15	K1128	221.337	345.733	331.578	2.060	0.08275	2.80022	3 X
K08S57C	15.9	0.15	K1128	103.147	238.367	201.993	17.833	0.11606	3.21383	4 X
K08S57T	16.2	0.15	K1128	314.169	231.185	27.978	15.097	0.17009	2.58076	3 X
K08S64N	15.8	0.15	K1128	150.518	198.380	198.258	14.839	0.12230	2.76343	6 X
K08S66B	16.1	0.15	K1128	179.533	328.211	31.497	10.333	0.09281	3.14691	5 X
K08S71B	15.4	0.15	K1128	275.228	233.234	22.092	10.445	0.09573	2.99960	7 X
K08S82X	16.2	0.15	K1128	228.779	147.550	174.290	13.028	0.24857	2.63594	4 X
K08S86R	15.8	0.15	K1128	216.797	14.545	281.499	5.708	0.14013	3.13564	6 X
K08S89P	15.3	0.15	K1128	19.126	166.641	350.435	10.779	0.09603	3.01170	5 X
K08S89U	16.4	0.15	K1128	135.661	32.369	359.898	11.443	0.06644	3.16989	3 W
K08S90Y	16.9	0.15	K1128	228.231	99.608	216.613	2.754	0.19145	2.75525	6 X
K08SA2E	16.8	0.15	K1128	255.097	204.849	104.804	4.707	0.14877	2.65186	5 X
K08SA4P	16.5	0.15	K1128	241.083	285.246	31.923	4.186	0.17801	2.72688	6 X
K08SA7M	16.1	0.15	K1128	198.542	17.964	291.655	5.380	0.16003	3.19846	6 X
K08SB0L	16.3	0.15	K1128	230.460	182.891	135.206	2.625	0.08522	2.80718	9 X
K08SB0V	16.0	0.15	K1128	162.399	205.286	174.228	7.936	0.01474	2.99126	6 X
K08SB8M	16.2	0.15	K1128	297.755	33.603	202.222	1.603	0.01801	3.19808	5 X
K08SD0D	15.7	0.15	K1128	321.790	211.421	10.746	6.736	0.07258	3.15770	8 X
K08SD4F	17.2	0.15	K1128	205.798	139.770	187.339	5.050	0.08299	2.74602	4 X
K08SD5T	16.5	0.15	K1128	137.235	264.836	140.243	5.183	0.07436	2.80077	7 X
K08SD9K	15.7	0.15	K1128	222.844	285.184	10.478	9.888	0.02764	2.98304	6 X
K08SF3K	16.5	0.15	K1128	148.112	226.625	151.679	3.231	0.13065	3.02807	6 X
K08SF6P	15.7	0.15	K1128	164.041	165.461	168.084	13.964	0.28734	3.09347	7 X
K08SG3T	16.0	0.15	K1128	260.408	252.550	31.259	6.533	0.04077	2.84139	4 X
K08SG3U	16.3	0.15	K1128	231.293	130.659	183.581	13.257	0.27314	2.64144	4 X
K08SG6D	15.7	0.15	K1128	121.531	318.428	93.396	2.674	0.13774	3.17544	7 X
K08SG6J	15.1	0.15	K1128	322.391	180.523	26.254	19.169	0.00590	3.15746	6 X
K08SH2V	15.7	0.15	K1128	143.054	221.125	166.451	6.663	0.10496	3.22006	6 X
K08SH6L	17.1	0.15	K1128	234.738	284.394	38.849	5.349	0.20974	2.60708	5 X
K08SH7A	16.6	0.15	K1128	224.624	197.589	135.718	6.459	0.14319	2.71363	5 X
K08SL7N	15.6	0.15	K1128	188.969	324.529	30.279	9.946	0.03634	3.10883	7 X
K08SM9N	15.7	0.15	K1128	90.541	86.251	349.937	14.707	0.03953	3.11734	4 X
K08SN9U	15.7	0.15	K1128	215.765	297.829	43.732	10.232	0.11150	2.77342	4 X
K08SO1W	16.3	0.15	K1128	295.602	178.060	75.939	4.712	0.04677	2.77765	4 X
K08SO2X	16.4	0.15	K1128	266.221	111.432	202.758	7.967	0.17124	2.56780	5 X
K08SP7S	17.1	0.15	K1128	260.391	244.226	61.282	3.944	0.19701	2.55312	5 X
K08SR9W	17.1	0.15	K1128	206.402	295.768	7.493	5.473	0.13999	3.03836	5 X
K08SS2Y	15.9	0.15	K1128	193.874	80.711	232.094	3.751	0.11561	3.06944	5 X
K08ST1K	15.9	0.15	K1128	259.118	311.576	323.269	12.381	0.25935	2.63830	2 X
K08ST8Z	17.2	0.15	K1128	297.042	252.739	28.826	2.345	0.21188	2.33285	8 X
K08SU6U	15.8	0.15	K1128	124.562	228.007	211.190	21.232	0.02046	2.62261	5 X
K08SU8V	17.1	0.15	K1128	248.859	260.341	50.065	4.843	0.13178	2.58416	6 X
K08T04Z	17.0	0.15	K1128	251.496	323.162	331.017	1.586	0.18814	2.67959	5 X
K08T06K	14.7	0.15	K1128	84.406	14.082	55.735	10.475	0.24966	3.98175	6 X
K08T08Q	15.8	0.15	K1128	7.525	341.465	180.041	9.167	0.05046	3.17610	3 X
K08T18N	17.2	0.15	K1128	287.783	264.020	31.308	6.175	0.19105	2.54190	5 X
K08T27S	16.3	0.15	K1128	167.558	147.549	214.806	2.378	0.09910	3.06127	5 X
K08T29Y	16.1	0.15	K1128	142.565	192.078	190.388	5.278	0.12932	3.12768	5 X
K08T34T	15.5	0.15	K1128	69.180	70.745	4.842	9.611	0.08882	3.56062	3 X
K08T36V	16.4	0.15	K1128	208.479	241.500	110.780	6.270	0.20413	2.66889	6 X
K08T49P	16.5	0.15	K1128	59.653	309.005	192.199	6.283	0.02001	2.77741	4 X
K08T55U	17.1	0.15	K1128	275.760	273.036	22.411	9.243	0.27462	2.44378	4 X
K08T66N	15.8	0.15	K1128	355.001	129.662	59.769	3.424	0.06677	3.15218	6 X
K08T73W	16.0	0.15	K1128	201.457	307.274	30.715	11.863	0.06831	3.17127	3 X
K08T82S	16.3	0.15	K1128	294.682	251.864	334.686	10.617	0.15258	2.69797	2 X
K08T94L	15.9	0.15	K1128	235.485	172.251	110.923	2.648	0.19741	2.99955	2 X
K08T99A	16.7	0.15	K1128	216.550	130.997	164.305	1.198	0.16374	3.15856	5 X
K08TA8G	16.1	0.15	K1128	26.019	73.957	78.215	6.169	0.14394	3.21313	4 X
K08TE2U	15.3	0.15	K1128	74.716	77.001	21.673	13.276	0.11179	3.20817	5 X
K08TG9M	16.2	0.15	K1128	340.484	160.611	49.679	5.496	0.08957	3.09750	4 X
K08U11D	16.7	0.15	K1128	187.143	18.647	327.337	2.494	0.09149	2.97689	5 X
K08U11O	15.2	0.15	K1128	51.040	102.813	353.614	6.837	0.24614	3.98778	4 X
K08U45B	15.6	0.15	K1128	160.844	129.438	232.697	3.920	0.11734	3.24403	5 X
K08U60N	15.8	0.15	K1128	153.436	5.256	10.858	5.616	0.08685	3.41813	3 X
K08U64P	15.6	0.15	K1128	235.159	204.653	70.309	9.411	0.17475	3.16273	5 X

K08U64U	15.1	0.15	K1128	277.069	254.868	19.404	10.400	0.06528	3.15317	5 X
K08U69A	15.4	0.15	K1128	209.903	193.904	109.086	6.137	0.20564	3.14240	4 X
K08U70F	15.4	0.15	K1128	201.228	344.767	14.094	10.063	0.11645	2.99939	6 X
K08U90N	20.0	0.15	K1128	163.763	312.968	33.560	17.545	0.12567	1.40451	2 X
K08U91H	16.1	0.15	K1128	234.792	259.219	46.582	6.613	0.04983	2.74866	5 X
K08UB6O	15.1	0.15	K1128	278.402	251.158	24.392	15.677	0.05455	3.04157	7 X
K08UC8R	16.9	0.15	K1128	192.998	332.002	39.569	6.914	0.04234	2.67925	4 X
K08UE0C	16.2	0.15	K1128	271.050	107.683	167.245	0.242	0.11807	3.13142	2 X
K08UE0D	15.7	0.15	K1128	204.597	103.394	223.973	4.242	0.17203	3.20300	6 X
K08UH4G	16.8	0.15	K1128	276.118	258.761	36.559	4.459	0.29203	2.60682	5 X
K08UI2W	16.0	0.15	K1128	244.572	229.364	75.940	3.227	0.06762	2.95511	5 X
K08UI8K	16.1	0.15	K1128	259.779	111.625	211.851	6.599	0.11838	2.80691	6 X
K08UL6Q	16.5	0.15	K1128	222.640	296.914	33.018	9.768	0.26216	2.73010	5 X
K08UO9B	16.8	0.15	K1128	321.639	59.948	184.154	3.581	0.10438	2.59052	6 X
K08UO9K	15.8	0.15	K1128	51.175	70.078	75.786	2.056	0.07014	3.06888	6 X
K08UR8K	15.9	0.15	K1128	185.912	315.149	38.008	10.528	0.08182	3.14696	4 X
K08US5V	16.3	0.15	K1128	285.036	225.209	56.924	2.750	0.01639	2.87886	6 X
K08US8H	16.1	0.15	K1128	313.475	121.972	115.481	3.048	0.06887	3.06511	6 X
K08UX1S	16.5	0.15	K1128	64.522	110.839	14.869	13.666	0.02516	3.01887	5 X
K08UX8B	15.5	0.15	K1128	225.000	289.503	35.729	5.754	0.05720	3.26534	6 X
K08UY3S	15.9	0.15	K1128	265.225	229.363	61.889	7.097	0.06311	3.04959	4 X
K08UZ4R	16.5	0.15	K1128	280.096	118.745	184.274	2.987	0.20237	2.63084	3 X
K08UZ4Z	15.8	0.15	K1128	252.601	229.971	73.600	5.986	0.17668	3.08192	4 X
K08Ua1B	16.2	0.15	K1128	263.131	120.906	197.850	12.257	0.18266	2.56860	4 X
K08V03A	15.1	0.15	K1128	177.303	351.363	15.643	19.231	0.11365	3.09985	6 X
K08W18O	16.7	0.15	K1128	249.370	342.347	314.592	1.158	0.14423	2.93605	4 X
K08Y03B	9.5	0.15	K1128	359.472	330.509	112.485	105.040	0.44361	11.65799	2 W
K09B81H	19.6	0.15	K1128	301.074	78.384	154.327	45.136	0.27496	1.63179	2 X
K09F04Y	21.1	0.15	K1128	51.321	244.513	162.664	20.981	0.32745	1.01205	3 X
K09H95V	17.8	0.15	K1128	150.240	56.413	181.618	1.354	0.16779	2.42016	3 X
K09O00R	17.8	0.15	K1128	203.463	167.267	129.261	24.280	0.05744	1.98482	5 X
K09O15W	18.1	0.15	K1128	146.406	62.320	286.867	5.266	0.20792	2.20316	3 X
K09O22P	16.8	0.15	K1128	105.910	91.004	284.892	6.335	0.24606	2.47084	4 X
K09P02C	17.0	0.15	K1128	112.747	190.968	180.052	5.427	0.20008	2.47152	6 X
K09P16U	16.6	0.15	K1128	85.781	195.493	195.731	4.778	0.24312	2.68148	4 X
K09P20G	16.8	0.15	K1128	76.441	242.389	168.152	13.955	0.13062	2.60126	4 X
K09Q01Q	17.6	0.15	K1128	172.667	27.883	302.310	7.486	0.22670	2.13114	5 X
K09Q05T	17.7	0.15	K1128	158.964	153.573	188.284	5.879	0.13990	2.24985	5 X
K09Q11F	17.4	0.15	K1128	140.699	213.151	138.979	4.217	0.18912	2.35561	4 X
K09Q14Y	16.9	0.15	K1128	48.628	269.951	189.558	4.038	0.11845	2.36944	7 X
K09Q22T	17.3	0.15	K1128	130.189	254.470	103.077	2.514	0.20415	2.41551	6 X
K09Q30A	17.1	0.15	K1128	198.874	352.747	345.624	21.768	0.17793	1.89620	4 X
K09Q30F	17.4	0.15	K1128	108.483	218.584	179.287	6.360	0.16585	2.30415	4 X
K09Q39O	17.5	0.15	K1128	169.609	330.431	359.182	2.942	0.18070	2.23899	4 X
K09Q51U	17.7	0.15	K1128	163.235	156.283	179.859	5.491	0.15250	2.21359	5 X
K09Q56T	16.5	0.15	K1128	88.511	54.171	350.274	12.268	0.12873	2.37395	4 X
K09Q58S	17.1	0.15	K1128	88.391	199.503	202.650	5.980	0.12556	2.43689	3 X
K09Q61T	17.3	0.15	K1128	123.920	308.348	56.503	2.103	0.18388	2.43532	4 X
K09R03E	16.3	0.15	K1128	92.940	83.490	309.974	10.521	0.18968	2.62642	4 X
K09R07L	15.5	0.15	K1128	61.779	68.514	334.522	14.887	0.23134	3.13261	2 X
K09R12H	17.0	0.15	K1128	338.287	353.972	175.513	2.591	0.14606	2.44659	7 X
K09R16W	17.9	0.15	K1128	178.504	191.412	141.231	1.308	0.18549	2.18999	5 X
K09R23R	17.0	0.15	K1128	26.778	338.678	117.981	6.254	0.17224	2.59530	4 X
K09R25N	17.9	0.15	K1128	158.111	172.894	189.230	3.417	0.04916	2.26158	7 X
K09R28N	17.9	0.15	K1128	149.458	330.578	15.228	3.195	0.17500	2.43335	4 X
K09R28Q	17.0	0.15	K1128	146.928	108.136	240.344	3.797	0.20981	2.38191	5 X
K09R34V	17.1	0.15	K1128	126.888	172.992	195.687	4.451	0.08551	2.63883	5 X
K09R34Z	15.7	0.15	K1128	53.222	50.826	22.910	11.270	0.06903	2.97269	3 X
K09R36T	17.2	0.15	K1128	90.428	101.150	288.251	6.056	0.23027	2.72519	3 X
K09R49N	16.2	0.15	K1128	88.879	39.084	12.365	16.619	0.12865	2.64458	3 X
K09R50O	17.7	0.15	K1128	23.308	121.451	18.500	3.809	0.07696	2.35187	3 X
K09R52R	17.1	0.15	K1128	356.475	118.024	39.841	4.772	0.17164	2.60261	6 X
K09R53G	16.9	0.15	K1128	116.517	187.171	189.144	6.097	0.07762	2.70526	5 X
K09R53Q	17.2	0.15	K1128	20.150	111.223	35.169	6.488	0.09189	2.38156	2 X
K09R56A	16.3	0.15	K1128	28.885	3.721	101.514	2.714	0.15495	3.07102	4 X
K09R59K	16.6	0.15	K1128	81.739	213.847	195.214	5.374	0.12343	2.77992	6 X
K09R62S	16.8	0.15	K1128	293.340	183.894	43.337	7.031	0.05923	2.32299	5 X
K09R66F	17.7	0.15	K1128	286.031	304.749	278.271	5.588	0.05349	2.16206	5 X
K09S19S	17.9	0.15	K1128	71.068	252.818	189.509	4.635	0.07748	2.29107	4 X
K09S20X	16.5	0.15	K1128	116.169	66.492	329.740	6.524	0.12697	2.38023	6 X
K09S21C	17.5	0.15	K1128	174.863	55.418	272.084	5.575	0.12397	2.25946	6 X
K09S27J	16.9	0.15	K1128	118.844	174.952	188.390	6.323	0.23363	2.63402	5 X
K09S32V	15.8	0.15	K1128	25.063	230.340	234.761	5.024	0.19561	3.13628	7 X
K09S37B	16.2	0.15	K1128	20.878	98.366	8.724	12.035	0.17454	3.15272	4 X
K09S45R	16.9	0.15	K1128	327.933	203.956	344.589	6.181	0.08562	2.40650	4 X
K09S46F	17.0	0.15	K1128	96.709	116.312	280.093	2.913	0.11791	2.75034	4 X
K09S53J	17.2	0.15	K1128	146.940	29.365	342.422	7.391	0.16236	2.19755	4 X

K09S58X	17.9	0.15	K1128	354.310	185.583	345.492	6.506	0.05377	2.30427	3 X
K09S67E	16.5	0.15	K1128	106.404	10.850	25.265	3.319	0.01988	2.97246	5 X
K09S700	16.6	0.15	K1128	359.285	99.682	53.747	7.854	0.08492	2.57181	4 X
K09S74G	16.0	0.15	K1128	77.978	293.103	106.142	4.486	0.19896	3.12164	4 X
K09S74X	16.8	0.15	K1128	91.282	274.502	127.053	4.503	0.09627	2.76895	5 X
K09SC1X	17.1	0.15	K1128	312.376	231.388	332.946	3.113	0.12534	2.23571	5 X
K09SD4D	15.9	0.15	K1128	67.103	241.383	171.070	7.578	0.17593	3.14484	5 X
K09SD5D	17.7	0.15	K1128	103.674	163.970	222.761	4.605	0.10043	2.75297	5 X
K09SD8M	17.5	0.15	K1128	126.948	339.894	26.778	3.425	0.11866	2.65870	5 X
K09SE3S	17.6	0.15	K1128	205.394	286.845	14.232	3.327	0.05828	2.36576	5 X
K09SF3Z	17.5	0.15	K1128	64.818	237.623	180.882	1.484	0.16205	2.88342	4 X
K09SF4S	17.4	0.15	K1128	61.752	79.922	10.758	5.462	0.14945	2.40422	4 X
K09SF4T	18.1	0.15	K1128	86.079	47.114	18.996	2.736	0.16647	2.39565	3 X
K09SF6J	17.7	0.15	K1128	121.240	344.232	28.832	4.289	0.10532	2.56525	3 X
K09SF6P	17.6	0.15	K1128	147.681	171.546	180.792	6.296	0.13016	2.39993	4 X
K09SG50	18.0	0.15	K1128	263.616	29.287	224.077	4.114	0.10921	2.15735	6 X
K09SH0K	17.1	0.15	K1128	66.174	60.030	4.921	9.797	0.13464	2.64865	3 X
K09SH1F	17.7	0.15	K1128	88.656	311.318	117.808	2.892	0.18564	2.36914	4 X
K09SH3B	17.4	0.15	K1128	312.645	231.760	321.679	5.421	0.10262	2.30634	4 X
K09SI5D	17.5	0.15	K1128	41.962	136.384	344.217	6.446	0.05423	2.33960	3 X
K09SI5Y	17.5	0.15	K1128	352.967	12.318	162.604	5.165	0.13144	2.32511	2 X
K09SJ8U	16.7	0.15	K1128	45.157	99.139	2.839	12.764	0.23014	2.82172	3 X
K09SK3A	17.1	0.15	K1128	63.386	347.958	116.946	3.282	0.12339	2.36071	5 X
K09SK6E	17.0	0.15	K1128	301.018	227.654	342.880	6.857	0.07027	2.21982	4 X
K09SN8Z	16.4	0.15	K1128	119.642	212.212	160.183	16.054	0.16162	2.65415	7 X
K09SN9D	16.9	0.15	K1128	91.859	144.477	238.072	5.304	0.27070	2.84282	4 X
K09SO1M	16.2	0.15	K1128	96.031	57.707	358.025	28.299	0.18023	2.55679	4 X
K09SP1P	16.9	0.15	K1128	104.837	140.288	241.807	3.930	0.16757	2.77197	3 X
K09SP40	16.5	0.15	K1128	83.213	312.481	86.912	2.885	0.19057	3.00168	4 X
K09SP4Y	16.1	0.15	K1128	129.050	219.923	139.935	16.424	0.21364	2.60796	5 X
K09SQ3E	17.5	0.15	K1128	37.867	82.134	46.280	4.063	0.12424	2.27333	4 X
K09SR0Y	16.8	0.15	K1128	286.797	239.952	347.452	6.262	0.06783	2.36285	5 X
K09SR4M	17.6	0.15	K1128	106.432	23.575	28.493	4.545	0.13377	2.32449	5 X
K09SR8M	17.7	0.15	K1128	119.900	278.078	95.769	2.828	0.09798	2.53877	3 X
K09SR8P	17.8	0.15	K1128	88.972	294.872	132.810	2.789	0.19839	2.45657	5 X
K09SS0X	17.4	0.15	K1128	48.539	292.763	170.507	9.564	0.16849	2.57489	6 X
K09SS1U	17.4	0.15	K1128	164.103	262.799	73.267	3.845	0.11226	2.37672	6 X
K09ST0C	16.2	0.15	K1128	65.880	41.564	38.628	14.109	0.13454	2.69388	3 X
K09ST7A	16.3	0.15	K1128	126.919	21.148	345.148	12.243	0.10681	2.61312	3 X
K09SW0V	16.6	0.15	K1128	75.612	17.606	32.824	1.414	0.16283	2.73453	5 X
K09SX3U	16.9	0.15	K1128	125.466	199.104	158.312	14.755	0.25980	2.69003	3 X
K09SX7D	16.9	0.15	K1128	84.149	85.860	308.826	6.513	0.19047	2.78603	3 X
K09SX8F	16.6	0.15	K1128	115.909	278.795	97.170	5.406	0.12260	2.70295	4 X
K09SY2F	17.0	0.15	K1128	90.964	187.590	214.030	5.222	0.07068	2.71742	4 X
K09SY3J	17.5	0.15	K1128	69.623	293.881	160.729	5.620	0.10392	2.35569	3 X
K09SY3V	18.1	0.15	K1128	249.135	94.037	171.478	7.805	0.11407	2.26727	3 X
K09SY5F	17.0	0.15	K1128	337.192	108.039	76.361	4.704	0.10674	2.34663	4 X
K09SZ0P	18.2	0.15	K1128	40.785	67.101	63.586	5.497	0.10124	2.29943	3 X
K09SZ1H	16.8	0.15	K1128	212.950	16.505	281.696	5.116	0.17486	2.29121	6 X
K09SZ6F	16.6	0.15	K1128	299.370	185.058	59.027	7.263	0.06725	2.39302	7 X
K09SZ6P	17.6	0.15	K1128	292.911	105.881	122.540	4.094	0.16913	2.33552	4 X
K09SZ8B	16.7	0.15	K1128	162.685	112.444	225.963	2.654	0.08811	2.73585	4 X
K09SZ9G	16.6	0.15	K1128	160.006	79.092	261.458	5.058	0.12661	2.43623	4 X
K09Sa1M	15.5	0.15	K1128	72.355	102.309	309.367	7.199	0.15363	3.10767	5 X
K09T04G	16.2	0.15	K1128	37.963	173.755	286.405	3.665	0.11480	2.97611	3 X
K09T06S	15.1	0.15	K1128	42.706	84.025	2.698	10.241	0.05131	2.97912	2 X
K09T09V	15.8	0.15	K1128	53.721	89.691	338.867	14.942	0.21110	3.16001	4 X
K09T17E	16.3	0.15	K1128	121.984	262.887	117.125	10.345	0.10880	2.69152	5 X
K09T17P	16.6	0.15	K1128	126.001	193.846	166.461	13.675	0.18761	2.62696	6 X
K09T22Q	16.1	0.15	K1128	75.437	216.399	204.707	5.747	0.05825	2.80885	3 X
K09T23J	16.0	0.15	K1128	153.740	309.728	41.349	9.402	0.10147	2.61482	6 X
K09T24B	16.2	0.15	K1128	75.221	49.585	15.472	12.620	0.10884	2.64878	6 X
K09T29Z	15.1	0.15	K1128	68.960	314.137	108.689	10.650	0.19898	3.06193	5 X
K09T35P	16.5	0.15	K1128	87.457	235.055	185.545	4.458	0.18717	2.80382	6 X
K09T42O	15.9	0.15	K1128	54.846	80.789	4.886	7.702	0.12612	3.08383	4 X
K09U04B	16.7	0.15	K1128	96.606	180.513	224.510	4.039	0.04926	2.79915	4 X
K09U04S	17.1	0.15	K1128	51.024	108.829	352.302	5.111	0.09813	2.68302	4 X
K09U17O	16.3	0.15	K1128	71.930	41.784	29.287	5.589	0.06785	2.73315	4 X
K09U18J	16.1	0.15	K1128	5.700	127.025	9.014	4.146	0.05332	2.80815	5 X
K09U23G	16.4	0.15	K1128	71.793	219.363	214.911	8.554	0.14315	2.77215	4 X
K09U24X	16.0	0.15	K1128	28.805	238.454	229.187	3.902	0.12560	3.20291	4 X
K09U26N	17.3	0.15	K1128	147.390	193.426	179.719	2.082	0.22154	2.34364	6 X
K09U27S	16.2	0.15	K1128	300.761	130.346	78.509	6.399	0.00984	2.78531	4 X
K09U30J	17.2	0.15	K1128	40.810	85.187	59.418	2.184	0.12021	2.35899	4 X
K09U31P	17.6	0.15	K1128	132.025	4.060	37.511	7.254	0.10617	2.31944	4 X
K09U37R	16.5	0.15	K1128	208.159	89.305	207.396	5.439	0.03622	2.78007	4 X
K09U50C	16.8	0.15	K1128	48.838	352.421	85.900	2.170	0.15990	3.15752	4 X

K09U50W	16.8	0.15	K1128	93.280	94.707	291.118	0.835	0.21232	3.03357	2 X
K09U53D	16.2	0.15	K1128	158.447	336.313	17.419	6.969	0.01125	2.63896	6 X
K09U62B	17.0	0.15	K1128	337.408	36.155	136.636	3.721	0.11326	2.40411	4 X
K09U89E	15.8	0.15	K1128	77.044	58.842	2.856	8.877	0.12664	2.90496	3 X
K09U89Y	16.0	0.15	K1128	54.547	193.183	242.614	3.629	0.10800	3.04542	7 X
K09U97S	17.1	0.15	K1128	276.022	186.409	59.965	7.617	0.09205	2.41253	5 X
K09U99E	16.4	0.15	K1128	110.906	304.231	76.467	3.186	0.09054	2.96473	6 X
K09U99X	16.3	0.15	K1128	2.376	67.536	82.731	4.030	0.10964	2.88821	4 X
K09UA3R	16.4	0.15	K1128	34.688	161.632	300.978	6.129	0.12690	2.98141	6 X
K09UA6G	15.9	0.15	K1128	19.618	96.022	50.706	12.678	0.01020	2.59992	4 X
K09UA7W	17.3	0.15	K1128	110.684	170.311	227.961	2.262	0.15800	2.68562	3 X
K09UB6O	17.6	0.15	K1128	289.852	243.758	351.699	6.146	0.16634	2.26737	4 X
K09UD2W	16.1	0.15	K1128	77.896	250.581	169.721	6.192	0.08273	2.92817	4 X
K09UD6S	15.3	0.15	K1128	49.626	30.094	63.619	14.835	0.18757	3.21708	5 X
K09UE2U	16.9	0.15	K1128	96.219	173.745	220.650	4.056	0.10078	3.10687	4 X
K09UE4M	15.9	0.15	K1128	41.592	89.311	2.934	16.886	0.16507	3.11694	2 X
K09UE4S	17.2	0.15	K1128	194.068	44.975	271.350	4.575	0.18052	2.30266	6 X
K09UE6Q	16.3	0.15	K1128	10.897	95.207	59.186	14.556	0.11441	3.06254	4 X
K09UE9W	16.8	0.15	K1128	177.727	342.760	341.402	5.883	0.04972	2.77172	4 X
K09UF2K	14.8	0.15	K1128	16.553	343.965	133.143	9.534	0.22178	3.93330	4 X
K09UF4D	16.8	0.15	K1128	173.754	48.513	284.975	4.429	0.08432	2.78648	3 X
K09V01P	17.2	0.15	K1128	267.689	185.900	61.366	6.872	0.07433	2.39890	5 X
K09V07A	16.0	0.15	K1128	87.574	38.893	31.163	15.015	0.07448	2.61686	4 X
K09V07U	16.4	0.15	K1128	14.402	105.986	30.780	5.277	0.00093	2.70579	5 X
K09V09G	17.7	0.15	K1128	207.864	56.367	249.703	4.253	0.19472	2.26224	5 X
K09V09W	15.6	0.15	K1128	88.419	326.701	81.746	6.020	0.12479	3.12901	4 X
K09V09X	15.4	0.15	K1128	59.899	337.893	103.811	3.745	0.02028	3.10553	6 X
K09V19B	17.0	0.15	K1128	156.829	333.144	9.610	3.550	0.10001	2.76953	4 X
K09V20D	16.8	0.15	K1128	267.607	326.180	286.928	3.877	0.12535	2.36815	5 X
K09V21M	16.8	0.15	K1128	196.659	132.147	182.318	3.243	0.13128	2.58987	5 X
K09V30A	16.4	0.15	K1128	115.697	5.778	44.781	9.525	0.12393	2.58951	6 X
K09V38A	18.0	0.15	K1128	186.190	148.927	194.893	1.594	0.15971	2.17708	5 X
K09V39P	16.2	0.15	K1128	97.705	339.268	71.852	4.716	0.06006	2.77535	6 X
K09V40L	16.1	0.15	K1128	19.694	270.467	211.250	4.790	0.10405	3.11744	6 X
K09V41F	17.2	0.15	K1128	132.760	330.727	74.054	6.294	0.10351	2.26348	6 X
K09V42H	16.6	0.15	K1128	130.358	307.524	60.772	2.367	0.02703	2.96879	5 X
K09V42Y	15.9	0.15	K1128	117.976	111.364	266.278	4.063	0.06716	3.01980	4 X
K09V45F	15.4	0.15	K1128	80.738	43.110	26.351	7.668	0.06105	2.98397	4 X
K09V45N	17.5	0.15	K1128	46.678	105.595	35.775	4.057	0.10500	2.31794	4 X
K09V46L	17.5	0.15	K1128	105.370	328.105	82.725	5.231	0.21132	2.62839	3 X
K09V46N	16.4	0.15	K1128	34.644	271.314	198.901	5.342	0.03333	2.92782	6 X
K09V55U	16.5	0.15	K1128	56.340	22.694	49.237	1.273	0.14717	3.01350	5 X
K09V66N	16.6	0.15	K1128	126.637	48.749	315.170	2.586	0.14101	3.03743	5 X
K09V66U	15.1	0.15	K1128	308.402	147.735	47.246	9.620	0.04891	3.17571	5 X
K09V68G	16.9	0.15	K1128	239.521	17.312	274.556	1.724	0.08565	2.46623	5 X
K09V68T	16.6	0.15	K1128	355.349	120.261	53.252	10.777	0.20434	3.18921	5 X
K09V77A	15.5	0.15	K1128	51.758	342.954	115.429	12.561	0.18821	3.02792	3 X
K09V82A	16.7	0.15	K1128	272.306	209.222	62.782	5.338	0.11562	2.24193	7 X
K09V84F	16.3	0.15	K1128	72.987	49.173	42.823	5.290	0.13657	2.79059	6 X
K09V85Q	16.6	0.15	K1128	92.505	257.285	141.708	2.427	0.09646	3.25565	5 X
K09V85V	16.0	0.15	K1128	117.904	166.887	208.601	2.874	0.11500	3.15400	5 X
K09V89L	16.3	0.15	K1128	118.149	87.808	286.555	8.484	0.10488	3.08458	3 X
K09V94W	17.0	0.15	K1128	251.727	353.203	283.968	2.854	0.21910	2.41732	6 X
K09VA0N	15.2	0.15	K1128	176.312	246.419	74.212	10.208	0.08432	3.05969	5 X
K09VA5Y	15.5	0.15	K1128	95.212	272.961	121.659	10.371	0.12925	3.07564	3 X
K09VB0Z	15.9	0.15	K1128	71.774	66.446	14.177	5.383	0.16821	3.11077	5 X
K09VB2F	16.1	0.15	K1128	104.820	204.997	177.632	6.904	0.13538	3.03772	6 X
K09VB5O	15.1	0.15	K1128	82.035	317.139	95.837	11.281	0.01104	3.12309	2 X
K09W05T	16.3	0.15	K1128	302.913	160.880	67.287	14.300	0.09793	2.70404	4 X
K09W10X	15.3	0.15	K1128	290.388	145.123	59.549	5.048	0.02600	3.21297	6 X
K09W23Y	15.7	0.15	K1128	52.407	136.228	307.762	12.170	0.05629	3.02543	3 X
K09W26M	15.6	0.15	K1128	338.385	149.863	25.235	11.102	0.06465	2.98607	5 X
K09W28V	15.5	0.15	K1128	342.011	100.655	67.224	10.228	0.04048	3.04177	6 X
K09W36S	16.4	0.15	K1128	152.220	331.475	12.373	1.847	0.12706	2.93991	5 X
K09W50M	15.6	0.15	K1128	29.374	13.827	98.662	9.911	0.09335	3.06155	2 X
K09W51A	16.3	0.15	K1128	21.528	100.626	22.485	10.519	0.17859	3.01501	3 X
K09W52E	16.7	0.15	K1128	145.556	359.787	344.665	5.595	0.31921	2.62393	4 X
K09W66C	16.8	0.15	K1128	80.517	334.887	81.393	2.715	0.05654	3.00145	5 X
K09W77C	15.9	0.15	K1128	113.507	9.338	16.266	5.249	0.02545	3.36475	4 X
K09W77Y	17.0	0.15	K1128	161.273	48.146	314.517	3.855	0.06297	2.63813	6 X
K09W82B	15.9	0.15	K1128	134.179	66.190	306.033	4.078	0.01249	3.16190	3 X
K09W82T	16.1	0.15	K1128	15.034	197.057	292.074	7.565	0.03900	3.13690	6 X
K09W83N	16.5	0.15	K1128	10.622	191.404	315.993	4.541	0.15478	3.08116	4 X
K09W89W	17.3	0.15	K1128	179.629	240.582	100.277	7.551	0.03729	2.80292	3 X
K09W94K	16.4	0.15	K1128	250.306	29.828	225.542	3.547	0.00675	3.01127	6 X
K09W98S	17.0	0.15	K1128	123.624	107.071	270.076	4.052	0.07150	2.80220	3 X
K09WA1C	16.7	0.15	K1128	221.570	96.192	196.779	3.971	0.14856	2.52832	5 X

K09WA4B	16.3	0.15	K1128	19.958	126.861	25.129	13.442	0.10738	2.61217	3 X
K09WC7X	17.2	0.15	K1128	297.002	145.774	103.021	3.036	0.14083	2.45209	5 X
K09WE0L	15.7	0.15	K1128	103.376	302.709	82.175	10.438	0.06184	3.18755	6 X
K09WE2N	17.0	0.15	K1128	95.540	65.225	3.891	4.981	0.06060	2.62865	5 W
K09WE5B	16.2	0.15	K1128	47.235	84.173	357.235	2.253	0.14296	3.18564	3 X
K09WG5W	16.9	0.15	K1128	93.038	136.913	294.830	1.040	0.04631	2.86446	5 X
K09WG6X	16.1	0.15	K1128	287.256	153.437	96.459	5.557	0.02347	2.76163	4 X
K09WG9J	17.2	0.15	K1128	93.239	230.442	200.467	3.682	0.05246	2.72590	5 X
K09WH6P	15.6	0.15	K1128	3.469	111.795	36.084	9.579	0.06584	3.08525	5 X
K09WH9C	16.1	0.15	K1128	193.716	302.565	24.774	5.935	0.03080	2.72167	6 X
K09WK2W	16.0	0.15	K1128	40.484	56.722	26.977	0.847	0.17083	3.95465	2 X
K09WL1C	17.0	0.15	K1128	160.547	219.563	148.445	2.386	0.04857	2.54776	4 X
K09WL7Z	15.1	0.15	K1128	81.790	322.224	106.797	10.953	0.05580	3.04933	3 X
K09WM0T	16.5	0.15	K1128	111.944	278.179	96.037	2.516	0.15193	3.03728	5 X
K09WM1A	16.3	0.15	K1128	75.317	217.492	196.494	5.063	0.10175	3.22051	3 X
K09WN9Z	15.7	0.15	K1128	306.660	227.792	349.260	4.334	0.09799	3.09298	5 X
K09WO1U	16.2	0.15	K1128	99.483	241.098	179.658	5.173	0.05773	2.78754	5 X
K09WO8Q	16.3	0.15	K1128	68.652	72.750	30.967	4.391	0.07809	2.78827	6 X
K09WP0T	15.6	0.15	K1128	60.954	47.573	47.647	5.108	0.04991	2.92263	4 X
K09WP6M	16.8	0.15	K1128	112.359	251.063	161.325	0.357	0.06302	2.76537	5 X
K09WQ0Z	16.0	0.15	K1128	179.330	30.159	316.740	3.536	0.29637	2.54046	6 X
K09WQ3P	15.4	0.15	K1128	107.545	339.300	75.196	13.244	0.04500	2.96777	4 X
K09X01P	15.5	0.15	K1128	35.198	101.767	32.693	11.218	0.16785	2.98354	3 X
K09Y24Z	16.7	0.15	K1128	200.470	212.899	141.073	7.284	0.19179	2.48245	3 X
K10A67U	16.5	0.15	K1128	129.961	305.812	97.162	5.826	0.07923	2.76134	4 X
K10A75B	15.8	0.15	K1128	53.968	38.975	96.413	13.622	0.11548	3.03075	7 X
K10A89T	17.5	0.15	K1128	75.462	10.948	85.464	3.829	0.09760	2.24992	5 X
K10A96Y	15.8	0.15	K1128	121.924	228.063	141.815	25.796	0.10025	2.65411	5 X
K10AB0P	15.7	0.15	K1128	10.988	118.470	20.937	12.395	0.29595	3.12131	3 X
K10B54X	13.6	0.15	K1128	356.695	359.605	88.457	20.140	0.08647	5.16518	4 X
K10B61R	13.3	0.15	K1128	65.925	281.390	85.117	15.267	0.09155	5.24495	4 X
K10B70F	15.3	0.15	K1128	56.099	313.110	115.855	12.049	0.07145	3.18408	4 X
K10B88M	16.3	0.15	K1128	35.352	99.381	6.534	9.120	0.11227	3.01978	3 X
K10C48D	18.4	0.15	K1128	320.919	231.152	353.744	15.061	0.23046	2.52840	2 W
K10C49F	15.6	0.15	K1128	356.054	58.174	101.527	6.180	0.11027	3.11456	5 X
K10CE2J	16.2	0.15	K1128	22.763	53.622	122.036	13.116	0.04741	2.91019	4 X
K10CJ1Q	15.7	0.15	K1128	33.040	119.496	334.397	1.924	0.16734	3.94349	4 X
K10J01K	24.4	0.15	K1128	163.817	135.166	203.596	0.170	0.14982	1.02587	2 W
K10U60E	16.3	0.15	K1128	41.734	127.724	264.694	3.040	0.20387	2.58229	5 X
K10V19Y	16.7	0.15	K1128	22.133	6.383	105.782	5.216	0.14240	2.60194	2 X
K10X19E	16.1	0.15	K1128	352.651	4.349	96.703	15.546	0.04710	2.56849	3 X
K10X36E	15.5	0.15	K1128	358.834	358.090	95.475	9.726	0.20212	3.07091	2 X
K10X40L	16.8	0.15	K1128	359.550	334.498	122.933	4.960	0.21431	2.57148	4 X
K10X77C	13.1	0.15	K1128	39.222	305.362	87.177	13.516	0.13416	5.20415	3 X
K10X83H	15.8	0.15	K1128	38.390	310.841	93.846	4.905	0.10300	3.06608	3 X
K10Y03S	15.9	0.15	K1128	39.893	299.572	121.567	27.707	0.32064	3.15805	2 X
K11A16A	17.1	0.15	K1128	14.963	57.087	49.579	4.825	0.20818	2.60437	3 S
K11A16B	16.5	0.15	K1128	29.958	92.432	347.324	8.096	0.27644	2.90603	2 X
K11A20U	18.1	0.15	K1128	27.087	11.242	80.730	2.346	0.13514	2.51754	2 S
K11A23N	15.7	0.15	K1128	29.516	321.440	141.518	9.790	0.24582	2.78361	7 X
K11A28Q	18.2	0.15	K1128	12.407	239.150	236.084	1.219	0.17262	2.27888	4 S
K11A29G	17.5	0.15	K1128	317.085	89.899	116.971	9.843	0.16072	1.97798	4 X
K11A32M	17.7	0.15	K1128	76.717	12.986	11.312	2.935	0.18103	2.45359	2 S
K11A34H	16.1	0.15	K1128	299.576	61.582	141.266	2.989	0.05819	2.70926	4 X
K11A36T	16.1	0.15	K1128	219.932	147.755	133.627	11.036	0.05326	3.04928	2 X
K11A36U	16.3	0.15	K1128	79.318	98.034	312.585	7.990	0.06765	3.16849	3 S
K11A39Z	18.1	0.15	K1128	23.972	283.570	172.403	4.325	0.15080	2.60221	3 S
K11A45N	16.8	0.15	K1128	38.615	315.164	125.443	9.389	0.19560	2.46609	4 X
K11A46Q	17.6	0.15	K1128	6.908	194.806	297.405	0.662	0.12685	2.40767	3 X
K11A48J	16.4	0.15	K1128	91.208	36.006	323.518	6.514	0.26331	2.45914	2 S
K11A53O	15.0	0.15	K1128	351.173	35.197	110.547	18.248	0.16602	3.12451	3 X
K11A53T	16.1	0.15	K1128	20.838	326.607	144.910	3.000	0.23523	3.06036	6 X
K11A57O	18.0	0.15	K1128	320.462	315.052	222.140	1.391	0.15615	2.38515	3 S
K11A60G	18.3	0.15	K1128	65.453	267.377	134.185	4.932	0.16980	2.23726	3 X
K11A66F	17.1	0.15	K1128	201.054	176.848	120.039	6.602	0.17789	2.29814	6 S
K11A68P	16.9	0.15	K1128	103.348	80.503	309.230	5.048	0.06490	2.71706	3 X
K11A68Y	16.4	0.15	K1128	347.550	16.620	139.859	10.349	0.12485	2.78152	2 X
K11A75B	17.5	0.15	K1128	71.820	95.055	327.077	18.304	0.10916	1.88542	2 X
K11A75L	16.8	0.15	K1128	338.123	39.511	130.423	22.686	0.22095	2.28521	2 X
K11A77B	15.6	0.15	K1128	199.893	2.571	285.555	10.782	0.11633	2.99213	4 X
K11A78E	16.8	0.15	K1128	12.418	2.017	119.846	12.778	0.17535	2.38106	3 X
K11B08M	17.5	0.15	K1128	21.006	358.045	102.559	4.319	0.07863	2.52970	3 X
K11B09M	17.4	0.15	K1128	32.156	5.888	78.010	2.223	0.15045	2.44791	3 S
K11B09X	18.0	0.15	K1128	20.857	157.385	302.394	8.084	0.12306	2.57986	2 S
K11B11E	15.2	0.15	K1128	353.111	192.605	319.571	21.245	0.11941	3.18471	2 X
K11B11F	15.8	0.15	K1128	344.974	23.977	139.083	18.547	0.11504	3.16943	2 X
K11B11T	16.9	0.15	K1128	353.665	25.682	115.824	7.847	0.07220	2.27593	3 S

K11B13U	16.4	0.15	K1128	303.037	189.922	355.339	5.654	0.02080	3.22512	5 X
K11B14L	15.2	0.15	K1128	188.187	178.084	143.752	12.055	0.06043	3.04657	3 X
K11B19V	16.4	0.15	K1128	26.361	322.152	155.414	11.183	0.14586	2.64601	2 X
K11B21W	17.1	0.15	K1128	11.675	303.578	169.168	3.182	0.01600	2.61876	2 S
K11B26K	18.2	0.15	K1128	58.150	307.978	106.959	6.842	0.12717	2.24936	2 S
K11B26W	16.9	0.15	K1128	21.978	334.416	131.679	6.581	0.11851	2.40461	4 X
K11B27K	16.1	0.15	K1128	312.723	261.553	303.580	4.098	0.12176	3.21803	3 X
K11B27Z	17.2	0.15	K1128	325.960	55.387	142.496	2.356	0.16319	2.38497	7 X
K11B28C	17.6	0.15	K1128	10.369	359.096	139.123	3.605	0.13203	2.39935	2 X
K11B33V	17.6	0.15	K1128	348.025	27.656	124.995	3.155	0.13289	2.38607	2 S
K11B39R	16.9	0.15	K1128	3.640	115.977	13.639	1.294	0.13850	2.42324	3 X
K11B45Y	15.7	0.15	K1128	331.935	208.414	334.077	19.947	0.17003	3.15484	2 X
K11B46W	17.2	0.15	K1128	297.318	64.544	149.546	13.356	0.10552	2.62402	2 S
K11B48X	15.4	0.15	K1128	2.665	17.134	126.586	15.269	0.05040	3.04328	3 X
K11B51N	16.4	0.15	K1128	184.515	210.643	98.711	5.252	0.09086	2.77041	2 S
K11B53G	17.5	0.15	K1128	69.730	315.296	100.928	3.058	0.07508	2.37669	2 S
K11B54B	17.1	0.15	K1128	356.877	177.171	322.710	7.867	0.05222	2.25167	3 X
K11B55T	17.6	0.15	K1128	95.602	81.488	285.846	11.646	0.21614	2.44556	2 S
K11C00O	16.3	0.15	K1128	348.406	174.396	344.447	14.181	0.11630	2.64037	2 X
K11C00V	16.5	0.15	K1128	69.595	51.719	14.109	6.640	0.08984	2.40605	3 X
K11C01D	15.1	0.15	K1128	344.842	162.874	1.121	10.752	0.06916	3.12165	3 X
K11C01V	18.2	0.15	K1128	35.310	327.639	131.484	24.127	0.08245	1.96024	2 S
K11C01X	15.7	0.15	K1128	51.964	150.838	301.803	8.812	0.02123	3.08055	2 X
K11C01Y	16.0	0.15	K1128	37.730	311.455	143.119	13.716	0.14127	2.79337	2 X
K11C01Z	17.3	0.15	K1128	358.384	347.404	159.249	2.871	0.13560	2.40492	2 X
K11C02B	14.9	0.15	K1128	316.063	64.752	132.564	14.817	0.11029	3.13240	3 X
K11C02D	16.5	0.15	K1128	116.661	241.109	143.960	6.777	0.01559	2.78150	2 X
K11C02L	15.7	0.15	K1128	86.533	290.580	98.305	15.197	0.10990	2.75730	3 X
K11C02Q	18.6	0.15	K1128	14.820	335.625	136.358	2.859	0.16601	2.39540	2 S
K11C03D	15.7	0.15	K1128	352.337	30.424	126.674	8.371	0.15026	3.04625	2 X
K11C03R	18.2	0.15	K1128	317.040	30.749	164.568	5.235	0.15659	2.32252	2 S
K11C04D	17.7	0.15	K1128	10.568	125.770	355.840	5.086	0.26284	2.59894	2 X
K11C08H	17.7	0.15	K1128	56.992	306.159	129.318	6.233	0.10817	2.19816	2 X
K11C09H	16.8	0.15	K1128	44.153	307.707	130.330	5.620	0.21904	2.56861	2 X
K11C11G	16.8	0.15	K1128	207.327	146.737	148.425	5.436	0.12101	2.77368	5 X
K11C11V	17.3	0.15	K1128	235.340	329.930	297.967	1.429	0.07530	2.60198	2 S
K11C12H	16.6	0.15	K1128	321.176	339.922	200.295	0.514	0.05793	3.08481	3 S
K11C13H	18.0	0.15	K1128	26.482	35.993	66.603	5.540	0.12344	2.50703	2 S
K11C15S	17.9	0.15	K1128	351.265	157.700	354.810	5.051	0.17185	2.30411	2 X
K11C16J	15.8	0.15	K1128	82.893	104.262	307.897	8.311	0.05333	2.99985	3 X
K11C16R	17.9	0.15	K1128	337.156	6.511	168.046	1.303	0.18346	2.26086	3 X
K11C17Z	17.3	0.15	K1128	24.136	108.554	357.520	2.235	0.16142	2.42126	5 X
K11C18B	17.2	0.15	K1128	359.432	24.079	116.882	4.822	0.20339	2.65976	5 X
K11C18S	16.4	0.15	K1128	321.886	55.498	135.447	16.505	0.14081	2.62811	2 S
K11C18U	18.0	0.15	K1128	339.522	69.172	98.470	1.522	0.16734	2.40522	4 S
K11C19F	17.6	0.15	K1128	36.407	167.174	288.901	2.598	0.12042	2.30301	4 X
K11C20G	17.7	0.15	K1128	52.164	84.217	341.520	9.874	0.21335	2.67015	2 X
K11C21X	17.0	0.15	K1128	79.044	319.348	83.414	4.760	0.07111	2.61122	2 S
K11C23N	16.5	0.15	K1128	37.405	180.015	269.000	4.004	0.13428	3.18757	3 X
K11C23V	15.6	0.15	K1128	146.586	212.275	138.137	12.752	0.02102	2.83826	5 X
K11C24S	16.4	0.15	K1128	316.165	67.223	132.473	12.182	0.12382	2.58693	3 X
K11C27L	17.2	0.15	K1128	338.320	55.006	115.638	3.010	0.11985	2.40014	2 X
K11C30V	16.3	0.15	K1128	87.987	86.994	311.464	8.416	0.05344	3.08849	2 S
K11C34U	17.1	0.15	K1128	7.126	177.851	319.199	4.973	0.10118	2.36805	3 X
K11C34W	15.9	0.15	K1128	68.535	109.417	325.783	21.601	0.03531	2.66044	2 X
K11C39M	16.9	0.15	K1128	350.950	133.547	33.965	7.555	0.28132	3.02672	2 X
K11C41Q	17.2	0.15	K1128	30.860	196.955	271.572	3.811	0.07563	2.91573	3 X
K11C43Y	17.1	0.15	K1128	77.145	260.996	147.875	11.261	0.08346	3.06489	2 S
K11C45K	17.7	0.15	K1128	341.229	172.135	354.452	3.753	0.16007	2.25470	2 X
K11C46D	15.8	0.15	K1128	29.882	152.505	317.767	7.980	0.02146	3.07395	3 X
K11C46R	18.6	0.15	K1128	210.019	161.467	127.214	26.673	0.07880	1.82379	2 S
K11C47Q	15.1	0.15	K1128	352.117	78.298	95.578	26.329	0.23368	3.19352	2 S
K11C47V	16.4	0.15	K1128	336.272	247.582	292.282	12.334	0.19171	2.61066	2 S
K11C49E	17.9	0.15	K1128	341.643	157.787	10.279	8.420	0.18252	2.57366	2 S
K11C50R	15.4	0.15	K1128	349.888	177.666	347.266	27.910	0.14632	3.19866	2 X
K11C53W	16.2	0.15	K1128	23.043	322.775	143.278	7.778	0.21532	3.97523	2 X
K11C59K	18.5	0.15	K1128	7.912	329.843	161.028	1.309	0.13438	2.29847	3 S
K11C61R	18.4	0.15	K1128	6.931	190.970	303.524	2.700	0.05500	2.18794	2 X
K11C62W	17.1	0.15	K1128	308.872	143.936	102.080	5.238	0.25844	2.18149	2 X
K11C65N	16.6	0.15	K1128	73.038	299.990	151.804	12.307	0.08548	2.55870	2 X
K11C66W	18.5	0.15	K1128	337.453	224.393	298.097	3.422	0.12788	2.21647	2 X
K11C67U	15.1	0.15	K1128	196.210	179.313	131.216	11.810	0.00605	3.08367	2 X
K11C69W	17.2	0.15	K1128	37.017	80.909	4.386	4.879	0.21730	2.40754	2 S
K11C71E	17.9	0.15	K1128	297.782	337.994	241.961	3.560	0.13037	2.19839	3 X
K11C72X	16.8	0.15	K1128	66.940	257.050	170.797	12.217	0.12055	2.31438	2 S
K11C73D	17.1	0.15	K1128	3.254	99.268	43.565	1.967	0.12973	2.39154	2 X
K11C73H	17.3	0.15	K1128	248.652	277.568	344.303	19.874	0.05558	1.92147	3 X

K11C73L	17.4	0.15	K1128	17.787	91.374	25.337	3.884	0.12156	2.43494	3 X
K11C73U	17.0	0.15	K1128	0.458	346.031	166.491	6.376	0.17397	2.40427	2 S
K11C74A	15.4	0.15	K1128	308.083	243.789	336.540	11.841	0.11997	3.13129	3 X
K11C74H	16.7	0.15	K1128	343.084	114.282	62.593	6.423	0.09777	2.32719	2 S
K11C74J	16.9	0.15	K1128	354.416	221.498	291.573	5.680	0.19056	2.62430	2 X
K11C74S	17.4	0.15	K1128	20.780	358.874	117.650	6.054	0.18397	2.58578	2 X
K11C74T	17.5	0.15	K1128	1.966	4.238	139.425	6.328	0.23566	2.62041	4 X
K11C74V	17.5	0.15	K1128	8.403	137.746	357.471	4.352	0.16642	2.35519	3 X
K11C74Z	17.5	0.15	K1128	48.126	107.680	345.852	3.685	0.06871	2.17571	2 S
K11C76A	15.7	0.15	K1128	1.792	151.205	1.554	10.944	0.21014	3.18251	2 X
K11C76M	17.8	0.15	K1128	12.881	351.934	136.670	5.697	0.18024	2.40306	4 S
K11D01F	16.5	0.15	K1128	208.992	11.601	285.383	2.877	0.08048	2.79973	4 X
K11D04P	15.3	0.15	K1128	33.248	137.208	343.007	22.074	0.01512	3.14643	2 X
K11D09N	16.4	0.15	K1128	269.081	108.274	145.934	5.268	0.08799	2.74275	2 S
K11D10U	16.1	0.15	K1128	353.270	23.696	138.318	16.177	0.18661	3.19231	3 X
PLS4325	15.3	0.15	K1128	165.273	11.020	357.614	16.561	0.09162	3.05095	4 X
PLS6215	17.1	0.15	K1128	85.267	66.562	341.402	6.576	0.16289	2.21034	4 X

New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K10RH9R	21.2	0.15	K1128	14.813	113.099	310.929	6.885	0.60929	2.64325	181 X	
K10U55H	14.5	0.15	K1128	354.588	221.606	235.264	8.662	0.57513	6.51509	171 W	
K10V39X	19.3	0.15	K1128	29.361	15.239	77.183	11.313	0.42137	1.79378	117 X	
K10V65N	20.1	0.15	K1128	0.382	92.371	46.977	23.911	0.41095	1.63282	144 X	
K10VK1A	16.4	0.15	K1128	20.387	143.763	276.085	12.639	0.24320	2.69179	110 X	
K10W00H	19.2	0.15	K1128	5.682	67.964	46.693	21.988	0.46816	2.42262	105 X	
K10W00J	18.4	0.15	K1128	66.831	107.581	262.613	27.020	0.28539	1.79787	105 X	
K10X03G	21.8	0.15	K1128	12.216	198.983	261.481	7.012	0.44361	2.00489	90 X	
K10X67Z	19.6	0.15	K1128	10.555	168.960	280.334	11.835	0.49387	2.06027	87 X	
K10X82Y	19.1	0.15	K1128	16.242	296.944	133.268	26.723	0.48938	2.18777	77 X	
K11A16N	19.1	0.15	K1128	354.898	340.137	172.726	15.543	0.57311	2.81505	52 X	
K11A26S	22.7	0.15	K1128	11.595	183.824	280.487	3.060	0.44432	2.14384	49 X	
K11A45M	15.4	0.15	K1128	337.164	32.102	128.767	13.014	0.03873	3.09518	120 X	
K11B10X	18.4	0.15	K1128	8.039	348.218	79.331	9.688	0.63856	2.82801	37 X	
K11B12A	22.6	0.15	K1128	352.228	288.736	243.594	0.131	0.57451	2.48612	36 X	
K11B15T	21.7	0.15	K1128	39.467	308.441	105.839	1.660	0.30385	1.29686	38 X	
K11B18Y	20.9	0.15	K1128	17.212	239.867	135.428	3.649	0.78188	2.26636	34 X	
K11B24J	17.7	0.15	K1128	17.612	188.679	191.141	8.045	0.63824	2.40831	33 X	
K11B24K	19.6	0.15	K1128	300.147	209.377	6.080	8.761	0.22395	1.55867	33 X	
K11B24L	20.2	0.15	K1128	5.294	350.064	108.693	36.081	0.53130	2.68821	33 X	
K11B45B	19.3	0.15	K1128	219.356	351.185	304.907	17.125	0.30470	1.54130	31 X	
K11B46R	16.9	0.15	K1128	120.696	104.934	273.264	4.588	0.01810	2.74577	30 X	
K11B59O	21.2	0.15	K1128	334.406	221.025	343.865	4.776	0.46471	1.82840	32 X	
K11B59Z	25.4	0.15	K1128	7.425	323.272	159.109	1.346	0.40934	1.84589	31 X	
K11C02G	21.4	0.15	K1128	298.436	282.973	294.506	2.741	0.15905	1.17818	36 X	
K11C02O	18.5	0.15	K1128	356.108	352.459	104.156	32.378	0.45178	2.27307	30 X	
K11C02P	18.3	0.15	K1128	1.287	136.370	2.385	19.879	0.55365	3.07071	25 X	
K11C14N	19.0	0.15	K1128	350.449	23.675	149.803	51.468	0.47568	2.48089	22 X	
K11C14P	17.3	0.15	K1128	354.392	150.442	46.077	23.705	0.60113	3.36045	24 X	
K11C46X	22.0	0.15	K1128	306.986	105.494	151.064	7.761	0.54887	1.47335	19 X	
K11C46Y	19.9	0.15	K1128	336.332	220.580	11.555	11.629	0.61392	2.14675	19 X	
K11C71G	22.3	0.15	K1128	351.823	178.737	329.381	4.535	0.16224	1.32026	33 X	
K11C71H	18.6	0.15	K1128	340.844	73.957	146.035	23.363	0.62451	2.64666	35 X	
K11D00O	22.8	0.15	K1128	35.097	261.404	154.312	15.677	0.45473	1.27076	8 X	
K11D00R	25.8	0.15	K1128	344.292	7.035	152.143	10.588	0.13245	1.18233	7 X	
K11D00S	27.0	0.15	K1128	53.540	66.391	353.834	0.198	0.23091	1.04616	7 W	
K11D00U	21.1	0.15	K1128	240.152	120.153	177.059	2.964	0.31917	1.17324	9 X	
K11D00V	20.5	0.15	K1128	116.068	350.264	35.213	10.628	0.04919	0.95743	8 X	
K11D00W	22.9	0.15	K1128	200.272	152.672	159.600	25.087	0.27497	0.84001	7 X	
K11D05D	23.4	0.15	K1128	25.524	124.312	339.927	20.102	0.13216	1.16851	6 X	
K11D09S	20.1	0.15	K1128	337.300	145.962	93.572	3.694	0.64720	2.60902	5 X	
K11D09T	25.3	0.15	K1128	351.319	170.217	338.545	11.599	0.08311	1.10371	5 X	
K11D09U	26.6	0.15	K1128	3.735	326.385	155.345	3.246	0.50314	1.88717	3 W	
K11D10V	24.9	0.15	K1128	7.207	292.745	159.907	7.949	0.67326	2.71657	4 X	
K11E00H	25.5	0.15	K1128	20.265	97.250	339.217	2.357	0.48300	1.48376	1 H	
K11E00J	22.7	0.15	K1128	12.903	300.375	142.168	14.054	0.60177	1.99139	1 X	
K11E00K	22.2	0.15	K1128	171.106	178.328	155.384	8.530	0.16123	0.89833	1 X	
K11E04S	25.6	0.15	K1128	274.968	273.506	340.094	3.395	0.24264	1.08960	1 H	
K11E04T	21.0	0.15	K1128	2.684	149.751	347.678	31.800	0.30113	1.63178	1 H	
K11E04V	26.6	0.15	K1128	353.005	356.790	161.994	10.365	0.49757	2.05719	1 H	
K11E04W	23.0	0.15	K1128	276.092	295.984	329.700	11.353	0.34131	1.26436	1 H	

New one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K02N75O	18.7	0.15	K027P	338.096	36.658	311.209	4.442	0.25723	2.56805	44 S	
K10U08G	15.7	0.15	K10CU	17.879	108.589	352.637	25.676	0.27527	3.18829	122 W	
K10VJ4L	15.7	0.15	K10CU	108.472	72.488	306.865	9.215	0.08829	2.94028	109 X	

K11A27P	16.6	0.15	K10CU	247.150	296.354	295.838	7.672	0.02114	2.76276	63	S
K11A43U	15.9	0.15	K111J	342.145	204.879	308.893	15.845	0.19830	3.18600	56	X
K11A45X	16.6	0.15	K111J	1.381	353.472	136.327	9.028	0.16521	2.77133	51	X
K11A46O	16.4	0.15	K111J	10.612	170.620	312.300	6.248	0.12242	3.17797	51	W
K11A55S	15.3	0.15	K10CU	9.115	220.216	241.578	10.149	0.26488	3.18107	88	S
K11A59W	16.4	0.15	K111J	310.135	49.478	126.887	9.676	0.07606	2.80108	44	S
K11A62Q	16.8	0.15	K10CU	25.455	316.790	118.092	9.942	0.23186	3.17404	57	S
K11A62T	16.9	0.15	K111J	44.859	115.602	322.185	5.765	0.09744	2.37560	48	X
K11A63N	17.2	0.15	K111J	74.634	267.956	130.468	5.316	0.17372	2.41818	48	X
K11A66V	18.1	0.15	K111J	339.236	35.256	129.956	9.247	0.28603	2.64966	47	X
K11A67B	16.8	0.15	K10CU	53.417	292.478	115.892	13.419	0.10214	3.15369	24	S
K11A68Z	18.3	0.15	K111J	14.839	187.745	285.244	1.847	0.15130	2.44603	47	W
K11A75W	17.0	0.15	K10CU	23.021	311.790	116.529	19.316	0.29349	3.06438	69	S
K11B00X	17.4	0.15	K111J	331.397	48.163	112.163	8.960	0.21094	3.07881	32	S
K11B04V	16.9	0.15	K10CU	94.809	241.332	125.268	16.933	0.12278	2.76849	66	S
K11B11L	15.9	0.15	K1128	322.420	216.228	337.013	14.416	0.22857	3.09336	37	X
K11B18P	16.2	0.15	K111J	193.414	332.513	118.762	3.463	0.03805	2.79675	28	S
K11B18S	18.3	0.15	K1128	325.937	34.390	153.610	6.370	0.17340	2.29429	35	X
K11B19S	15.8	0.15	K111J	325.119	51.204	152.198	30.988	0.24133	3.18450	53	H
K11B19T	16.8	0.15	K1128	331.044	45.050	149.914	13.819	0.19583	2.66232	37	H
K11B19W	16.1	0.15	K1128	333.396	198.491	336.217	13.540	0.03519	2.64139	37	W
K11B19Y	17.2	0.15	K1128	345.197	130.538	35.820	2.626	0.15465	2.40442	37	X
K11B22H	17.0	0.15	K1128	311.401	251.850	313.320	11.661	0.14670	2.62166	37	X
K11B25E	18.0	0.15	K1128	5.386	163.368	325.280	6.029	0.21337	2.28851	37	X
K11B27B	16.4	0.15	K1128	284.795	284.346	310.713	13.687	0.13354	2.57129	37	X
K11B27L	16.7	0.15	K1128	16.815	174.126	312.663	7.200	0.06330	2.78729	36	X
K11B27M	17.5	0.15	K1128	39.039	185.705	265.384	3.164	0.15326	2.40424	36	X
K11B27N	16.9	0.15	K1128	57.227	135.976	281.970	4.495	0.26166	2.56139	36	X
K11B30L	16.6	0.15	K1128	344.720	190.595	324.759	14.724	0.22302	3.15917	35	X
K11B37W	16.1	0.15	K1128	349.022	192.767	341.823	13.029	0.10215	2.59485	33	W
K11B39U	16.0	0.15	K111J	348.869	150.131	354.279	14.619	0.22240	3.17666	51	W
K11B39V	17.2	0.15	K1128	281.814	44.801	197.610	4.458	0.15561	2.44081	34	X
K11B40N	17.0	0.15	K1128	280.656	343.027	242.445	3.304	0.05450	2.72079	32	X
K11B40X	15.5	0.15	K1128	297.404	274.775	310.162	7.731	0.15849	3.12975	32	X
K11B45E	17.8	0.15	K1128	70.337	266.921	115.449	22.805	0.11292	1.92871	32	X
K11B49Q	16.6	0.15	K1128	2.614	143.660	358.728	8.633	0.17128	3.07047	30	X
K11B53L	16.0	0.15	K1128	3.159	87.616	43.033	0.886	0.13596	3.21101	31	X
K11B55H	17.7	0.15	K1128	328.098	99.697	88.762	8.171	0.25408	2.68931	31	W
K11B56N	17.6	0.15	K1128	36.411	60.407	28.924	5.429	0.13791	2.27450	31	X
K11B57G	16.6	0.15	K1128	336.274	93.555	77.054	8.584	0.16264	2.78997	31	W
K11B59E	16.6	0.15	K1128	169.631	38.677	293.997	5.209	0.04606	2.72915	30	X
K11B64Q	20.2	0.15	K1128	345.208	30.447	142.444	6.211	0.31884	2.03490	32	W
K11C01H	15.5	0.15	K1128	294.272	111.154	111.997	11.831	0.08256	3.09792	28	W
K11C01P	15.8	0.15	K1128	25.510	139.180	330.792	14.342	0.13682	3.19555	27	W
K11C02Y	15.9	0.15	K1128	317.253	231.400	338.500	26.339	0.20886	3.15998	28	X
K11C03S	16.8	0.15	K1128	40.681	274.647	175.075	7.682	0.11949	2.57744	26	W
K11C04G	15.5	0.15	K1128	5.042	149.127	346.260	12.327	0.10766	3.27347	26	W
K11C05A	17.0	0.15	K1128	43.602	293.288	140.104	26.221	0.25064	2.87024	28	X
K11C05B	17.8	0.15	K1128	59.891	303.817	151.978	23.024	0.05415	1.83996	25	X
K11C06B	15.9	0.15	K1128	14.533	329.427	150.973	12.167	0.08545	3.11906	26	W
K11C06M	17.0	0.15	K1128	34.788	279.636	177.701	4.617	0.18105	2.40095	33	S
K11C06N	17.0	0.15	K111J	10.688	340.867	141.227	13.880	0.24896	2.65457	50	W
K11C07C	17.0	0.15	K111J	0.741	166.361	327.482	4.777	0.08796	2.36440	82	X
K11C07E	16.5	0.15	K1128	23.495	306.315	155.158	22.514	0.22746	2.36854	22	W
K11C08G	16.2	0.15	K1128	62.021	82.780	347.248	4.139	0.10996	3.16732	27	X
K11C09L	15.8	0.15	K1128	291.744	100.487	134.415	5.502	0.22236	3.05366	34	X
K11C15T	17.0	0.15	K1128	46.700	336.730	113.694	8.302	0.04170	2.52207	29	X
K11C16N	17.9	0.15	K111J	343.629	191.216	324.530	3.643	0.09903	2.36128	82	X
K11C16T	17.9	0.15	K1128	16.070	158.328	320.524	12.751	0.18148	2.61251	35	X
K11C16X	16.2	0.15	K1128	14.934	152.602	325.670	28.500	0.21193	3.20858	26	W
K11C16Z	17.2	0.15	K1128	34.031	354.448	102.467	3.596	0.15130	2.59449	26	X
K11C17F	16.0	0.15	K111J	72.438	288.849	129.289	9.361	0.06193	3.16757	82	X
K11C17J	17.1	0.15	K1128	64.947	82.264	345.130	6.830	0.08878	2.36416	26	W
K11C17M	17.5	0.15	K1128	23.841	34.346	75.966	3.384	0.14847	2.41918	27	W
K11C17P	16.5	0.15	K1128	335.637	107.816	63.171	2.508	0.10573	3.09720	26	W
K11C18R	15.3	0.15	K1128	18.408	333.356	144.014	11.247	0.17842	3.15162	26	X
K11C18Z	18.3	0.15	K1128	41.385	284.254	156.910	5.358	0.19490	2.32022	26	W
K11C21D	17.0	0.15	K1128	100.175	68.784	323.093	9.143	0.09103	2.95922	23	W
K11C22A	16.3	0.15	K1128	86.646	58.783	358.115	7.163	0.05841	2.98663	27	X
K11C22Z	16.9	0.15	K1128	161.935	144.337	192.435	4.879	0.05764	2.73702	30	X
K11C23H	15.8	0.15	K1128	48.222	323.959	125.424	10.324	0.03359	3.14613	26	W
K11C23Z	18.6	0.15	K1128	50.864	308.549	132.490	3.447	0.09609	2.18399	23	X
K11C24F	16.3	0.15	K1128	27.024	125.692	334.239	13.506	0.23817	3.16287	23	W
K11C25E	16.6	0.15	K1128	358.961	12.682	131.250	11.742	0.18171	2.99951	26	W
K11C27Q	16.3	0.15	K1128	53.949	106.785	334.120	16.094	0.06908	2.86334	26	W
K11C29D	16.3	0.15	K1128	352.165	18.870	145.263	16.782	0.25107	3.05054	44	X
K11C29T	17.5	0.15	K1128	24.984	307.234	153.332	13.662	0.22211	2.68824	31	W

K11C29Y	15.8	0.15	K1128	312.540	78.980	148.142	26.381	0.34752	3.18077	33	W
K11C30U	17.0	0.15	K111J	274.007	265.255	314.787	11.152	0.05257	2.69314	40	S
K11C31B	17.5	0.15	K111J	1.685	3.546	122.031	3.037	0.13092	2.44998	26	S
K11C33M	16.2	0.15	K1128	56.526	116.843	324.347	8.932	0.04238	3.09813	26	W
K11C34F	17.3	0.15	K10CU	32.645	287.552	146.192	3.399	0.15845	2.45658	64	S
K11C35K	17.9	0.15	K1128	5.823	232.291	262.164	4.061	0.14344	2.41655	26	X
K11C35U	16.4	0.15	K10CU	44.752	301.217	120.656	11.230	0.20189	3.15717	67	S
K11C39C	16.7	0.15	K1128	343.909	19.371	153.071	21.552	0.28851	3.09639	25	H
K11C41S	18.0	0.15	K1128	27.845	172.561	288.789	4.882	0.21795	3.01425	21	X
K11C42E	16.3	0.15	K1128	16.292	296.460	181.420	10.857	0.25342	2.97648	24	S
K11C42Q	19.2	0.15	K1128	31.114	184.623	279.374	3.687	0.14502	2.21900	20	X
K11C47U	15.6	0.15	K111J	11.648	326.958	139.886	15.436	0.24186	3.17346	48	X
K11C51H	17.4	0.15	K1128	48.824	114.170	327.334	9.043	0.11997	3.00158	23	W
K11C51K	17.0	0.15	K1128	296.560	259.851	325.359	12.793	0.17854	3.11989	23	W
K11C51L	15.8	0.15	K1128	204.951	334.403	326.478	8.736	0.08119	3.11931	23	W
K11C51P	16.2	0.15	K1128	221.850	324.619	326.602	12.194	0.16712	2.66786	23	W
K11C51R	15.9	0.15	K1128	286.681	253.733	325.961	10.471	0.03673	3.10274	23	W
K11C51Y	16.7	0.15	K1128	176.779	358.725	325.817	14.963	0.21524	2.62199	23	W
K11C52C	19.3	0.15	K1128	347.276	32.613	125.976	2.936	0.13992	2.28017	23	W
K11C52Y	17.6	0.15	K1128	25.062	136.034	335.812	7.067	0.09436	2.39668	23	W
K11C52Z	15.9	0.15	K1128	32.618	128.304	333.530	8.146	0.10910	3.13536	23	W
K11C54D	17.2	0.15	K1128	91.101	257.897	147.539	6.473	0.04784	2.78406	22	W
K11C54R	18.1	0.15	K1128	217.871	330.084	326.477	3.007	0.19257	2.23649	22	W
K11C55Y	17.2	0.15	K1128	92.046	61.055	325.582	9.879	0.21922	2.63049	22	W
K11C55Z	18.7	0.15	K1128	296.306	253.695	325.498	1.521	0.12056	2.26678	22	W
K11C56L	18.0	0.15	K1128	297.429	250.595	320.688	5.826	0.06685	2.32896	22	X
K11C56Q	18.3	0.15	K1128	340.365	22.174	145.744	1.615	0.13427	3.09334	22	X
K11C56U	17.4	0.15	K1128	22.974	96.623	14.561	0.066	0.14882	3.10900	22	W
K11C57Y	18.4	0.15	K1128	333.896	35.397	142.118	5.004	0.13541	2.75719	22	X
K11C58R	18.0	0.15	K1128	287.873	9.410	221.494	0.240	0.14282	2.41701	22	W
K11C58U	18.6	0.15	K1128	39.686	302.756	147.478	1.644	0.14595	2.38783	22	W
K11C59L	16.6	0.15	K1128	138.785	208.536	147.756	5.352	0.10542	3.03130	22	W
K11C59O	17.3	0.15	K1128	155.341	197.056	149.237	5.791	0.01287	2.81367	22	X
K11C59Q	17.8	0.15	K1128	231.432	318.150	317.852	8.741	0.06230	2.44313	34	X
K11C59X	16.0	0.15	K1128	182.603	0.615	320.735	20.190	0.26779	2.77408	22	W
K11C62G	17.3	0.15	K1128	159.226	188.676	149.622	9.907	0.13908	2.57932	22	W
K11C62L	18.4	0.15	K1128	9.933	324.037	164.551	2.551	0.13966	2.37368	33	X
K11C65M	16.3	0.15	K1128	53.961	331.435	131.869	7.289	0.17987	3.04548	18	W
K11C66R	16.1	0.15	K111J	357.564	348.514	142.555	11.290	0.24399	3.15064	48	X
K11C66V	16.4	0.15	K111J	26.028	144.231	305.169	16.265	0.19622	3.16325	31	S
K11C66X	17.6	0.15	K111J	321.256	16.942	159.729	2.715	0.13683	2.43045	44	S
K11C67P	16.8	0.15	K1128	255.059	276.976	321.576	12.485	0.00976	2.62924	31	S
K11C67Y	17.0	0.15	K1128	321.538	175.525	16.440	2.789	0.10562	2.46112	26	W
K11C68X	17.8	0.15	K1128	351.692	159.949	354.136	4.784	0.16140	2.26081	24	X
K11C69N	16.8	0.15	K111J	358.116	222.531	277.287	2.089	0.16430	2.59964	28	S
K11C69Q	16.1	0.15	K1128	326.056	62.184	135.837	17.712	0.22603	3.13637	23	W
K11C69S	17.4	0.15	K1128	63.507	86.735	336.907	14.470	0.15239	2.39729	23	W
K11C69Y	18.0	0.15	K1128	26.762	102.166	335.495	27.310	0.42956	2.58988	25	W
K11C70A	18.0	0.15	K1128	327.067	205.082	335.050	17.522	0.07907	1.88869	23	S
K11C70C	15.6	0.15	K10CU	344.508	59.342	88.185	8.950	0.19358	3.16147	85	S
K11C70G	15.4	0.15	K1128	351.597	157.197	352.274	17.133	0.15899	3.10779	33	W
K11C71J	16.7	0.15	K1128	37.874	308.890	154.738	24.303	0.09857	1.99761	22	X
K11C71Q	15.9	0.15	K1128	347.199	181.298	346.936	13.030	0.17767	2.66806	19	W
K11C72M	16.5	0.15	K1128	348.578	16.312	145.817	9.305	0.13496	2.75766	26	W
K11C73C	17.0	0.15	K1128	17.543	72.659	51.205	1.932	0.13417	2.39270	25	W
K11C73R	16.4	0.15	K1128	39.903	349.714	118.514	6.734	0.07924	2.60218	24	W
K11C73V	17.6	0.15	K1128	329.208	48.623	133.568	7.182	0.12149	2.22571	23	W
K11C73W	16.9	0.15	K1128	68.187	293.524	129.060	6.624	0.09340	2.33708	23	X
K11C74C	16.7	0.15	K1128	325.890	204.831	351.932	25.348	0.21067	2.27099	20	X
K11C74U	17.8	0.15	K1128	5.817	146.838	352.038	4.939	0.16682	2.35888	17	X
K11C75W	16.1	0.15	K1128	315.652	239.173	348.161	29.508	0.32947	2.63903	20	W
K11C75X	18.0	0.15	K1128	337.022	187.027	346.439	19.128	0.06956	1.91544	20	X
K11C75Z	16.6	0.15	K1128	317.862	216.219	351.718	11.718	0.13737	2.63860	20	H
K11C77B	15.7	0.15	K1128	322.564	54.308	133.043	7.654	0.04357	3.06071	37	X
K11C77F	16.3	0.15	K1128	348.693	190.772	327.590	5.729	0.03210	2.48926	20	W
K11D00A	15.7	0.15	K1128	334.055	26.797	146.680	19.213	0.10040	3.09093	8	W
K11D00F	15.0	0.15	K1128	161.566	19.689	320.102	14.163	0.19109	3.25492	8	W
K11D01D	16.6	0.15	K1128	285.768	109.666	135.059	16.305	0.25032	2.90961	8	W
K11D01G	16.7	0.15	K1128	41.982	201.986	251.399	2.149	0.07954	2.97121	8	W
K11D03D	16.9	0.15	K1128	25.874	96.460	11.720	3.478	0.23031	2.92213	7	X
K11D03W	16.2	0.15	K1128	311.468	224.004	350.256	5.829	0.15267	2.67303	6ES	
K11D03X	17.0	0.15	K1128	8.133	152.981	343.385	13.975	0.21293	2.66943	34	S
K11D04K	17.6	0.15	K1128	341.191	218.916	318.540	4.311	0.16515	2.27930	6	S
K11D04N	17.7	0.15	K1128	6.860	344.858	158.882	23.544	0.07354	1.88329	7	X
K11D04U	16.6	0.15	K1128	206.689	176.148	135.039	4.265	0.19066	2.32063	6	X
K11D07T	15.1	0.15	K112S	274.189	177.314	107.325	11.693	0.19909	3.25127	6	X
K11D07U	17.6	0.15	K112S	324.548	146.390	69.975	8.215	0.12842	2.22564	6	X

K11D07V	16.7	0.15	K1128	245.987	140.239	159.454	4.300	0.16177	2.56222	8 W
K11D07Y	17.0	0.15	K1128	272.170	268.242	11.818	3.721	0.19572	2.55503	8 W
K11D08A	17.8	0.15	K1128	3.518	61.813	98.910	1.472	0.14487	2.41807	8 X
K11D08H	17.4	0.15	K1128	13.505	5.183	144.722	3.488	0.15518	2.62859	8 X
K11D08M	16.6	0.15	K1128	38.258	120.444	359.060	11.805	0.14136	2.62448	8 X
K11D08S	15.8	0.15	K1128	293.406	114.229	140.084	10.249	0.08405	2.98669	8 X
K11D09C	16.4	0.15	K1128	315.462	117.560	94.818	10.651	0.15131	2.31804	5 X
K11D09W	16.1	0.15	K1128	38.149	320.111	168.042	10.344	0.06103	2.98656	8 X
K11D09X	17.1	0.15	K1128	23.527	138.399	355.830	28.969	0.17861	2.62130	8 X
K11D11E	16.7	0.15	K112S	328.750	51.043	158.469	9.265	0.21437	2.64406	5 X
K11D11N	17.6	0.15	K1128	300.958	277.660	309.141	7.163	0.23266	2.90715	8 W
K11D11O	18.4	0.15	K1128	46.740	137.312	300.025	3.576	0.18132	2.25852	8 X
K11D11P	18.1	0.15	K1128	284.540	57.791	183.018	2.798	0.20257	2.34195	8 X
K11D11Q	16.6	0.15	K1128	65.805	124.640	296.693	3.399	0.13537	3.10407	8 X
K11D12C	18.3	0.15	K1128	315.941	27.587	176.504	2.145	0.20674	2.41602	7 X
K11D12D	16.8	0.15	K1128	196.399	151.655	154.584	7.911	0.07832	2.68198	7 X
K11D12K	16.1	0.15	K1128	22.971	289.440	188.298	3.289	0.12306	3.03568	7 X
K11D13J	16.8	0.15	K112S	234.445	115.148	161.665	8.477	0.06690	2.80604	5 X
K11D13K	18.4	0.15	K112S	340.195	266.972	279.080	2.362	0.30942	2.94394	5 X
K11D13M	16.5	0.15	K112S	87.467	81.938	313.446	9.141	0.20500	2.68661	5 W
K11D13N	17.6	0.15	K112S	290.865	330.143	248.189	2.181	0.01549	2.35475	5 X
K11D17N	15.1	0.15	K112S	110.983	246.709	153.067	18.702	0.09672	2.99459	4 X
K11D17X	17.4	0.15	K112S	331.702	58.312	140.792	6.029	0.16159	2.36467	4 X
K11D18D	17.0	0.15	K112S	282.600	120.219	156.649	4.098	0.21883	2.73407	4 X
K11D18L	15.9	0.15	K112S	246.378	295.073	8.632	5.897	0.14335	3.02148	4 W
K11D18M	16.7	0.15	K112S	258.001	300.657	355.286	13.581	0.18622	2.57438	4 W
K11D18N	17.0	0.15	K112S	317.780	232.899	0.677	1.145	0.18037	3.21985	4 W
K11D18O	15.9	0.15	K112S	73.271	89.186	356.430	11.454	0.13739	2.81678	4 X
K11D18P	18.1	0.15	K112S	269.651	292.511	359.779	2.654	0.25839	2.29320	4 X
K11D19D	17.8	0.15	K112S	73.581	271.137	168.375	20.237	0.13952	1.87054	3 X
K11D19M	19.0	0.15	K112S	332.145	198.932	354.856	1.559	0.14746	2.24054	5 X
K11D19S	15.8	0.15	K112S	359.081	345.961	160.881	16.810	0.18798	3.11099	5 X
K11E00D	16.1	0.15	K112S	116.081	270.463	134.391	17.120	0.08865	2.53013	2 X
K11E00G	16.4	0.15	K112S	291.060	93.304	145.832	14.051	0.20128	3.05762	1EH

New observations:

K00CA1R	C2011	03	02.14855	08	47	26.88	+17	55	46.7	19.8	VrEE017703
K00CA1R	C2011	03	02.15679	08	47	27.09	+17	55	44.1	19.8	VrEE017703
K00CA1R	C2011	03	02.16509	08	47	27.38	+17	55	44.0	19.7	VrEE017703
K00CA1R	C2011	03	02.17333	08	47	27.56	+17	55	40.4	19.5	VrEE017703
K00E14B	KC2011	03	03.09624	09	07	53.29	+09	46	02.2		uEE017734
K00E14B	KC2011	03	03.10867	09	07	46.32	+09	47	15.0		uEE017734
K00E14B	KC2011	03	03.12093	09	07	39.49	+09	48	26.0	20.1	RuEE017734
K01D08Q	KC2011	02	22.99815	09	36	56.07	+23	17	00.5		vEE017204
K01D08Q	KC2011	02	23.00343	09	36	54.87	+23	17	00.3		vEE017204
K01D08Q	KC2011	02	23.00827	09	36	53.79	+23	17	00.2		vEE017204
K01D08Q	KC2011	02	23.01319	09	36	52.67	+23	17	00.2		vEE017204
K01D08Q	KC2011	02	23.01812	09	36	51.57	+23	17	00.0	18.4	RvEE017204
K01Q11P	C2011	03	02.44291	13	33	20.50	-02	35	42.7	20.2	VoEE017691
K01Q11P	C2011	03	02.46062	13	33	21.05	-02	35	44.5	20.3	VoEE017691
K01Q11P	C2011	03	02.47834	13	33	21.61	-02	35	47.1	19.9	VoEE017691
K02S00Z	KC2011	02	23.06594	10	30	40.11	+38	30	12.1		wEE017204
K02S00Z	KC2011	02	23.07635	10	30	36.44	+38	30	07.2		wEE017204
K02S00Z	KC2011	02	23.08660	10	30	32.87	+38	30	02.8	19.3	RwEE017204
K02X91C	C2011	03	02.48698	14	11	45.10	+07	17	02.8	22.2	VoEE017291
K02X91C	C2011	03	02.49311	14	11	45.14	+07	17	07.7	22.5	VoEE017291
K02X91C	tC2011	03	02.49904	14	11	45.15	+07	17	12.1		oEE017291
K05EG9Y	C2011	03	02.29840	12	44	38.11	+11	55	01.7	18.7	VrEE017703
K05EG9Y	C2011	03	02.31091	12	44	35.05	+11	52	52.9	18.7	VrEE017703
K05EG9Y	C2011	03	02.32341	12	44	31.95	+11	50	44.3	18.3	VrEE017703
K05EG9Y	C2011	03	02.33599	12	44	28.82	+11	48	34.3	18.3	VrEE017703
K05EG9Y	C2011	03	02.35795	12	44	23.05	+11	44	46.1	18.4	cEE017704
K05EG9Y	C2011	03	02.37128	12	44	19.73	+11	42	28.5	18.2	cEE017704
K05EG9Y	C2011	03	02.38473	12	44	16.32	+11	40	08.5	18.3	cEE017704
K05GB9W	KC2011	03	02.83419	08	59	19.82	+14	29	32.3	19.4	VuEE017240
K05GB9W	KC2011	03	02.83845	08	59	19.67	+14	29	34.0	19.4	VuEE017240
K05GB9W	KC2011	03	02.84057	08	59	19.59	+14	29	34.7	19.4	VuEE017240
K05GB9W	KC2011	03	02.84482	08	59	19.45	+14	29	36.0	19.2	VuEE017240
K08U90N	C2011	03	02.39232	12	34	18.16	+32	42	04.7		cEE017711
K08U90N	IC2011	03	02.40111	12	34	17.15	+32	42	07.5		cEE017711
K08U90N	IC2011	03	02.40992	12	34	16.05	+32	42	10.5		cEE017711
K09B81H	KC2011	02	22.90023	09	50	10.03	+05	04	38.3		vEE017204
K09B81H	KC2011	02	22.91076	09	50	08.90	+05	05	33.7		vEE017204
K09B81H	KC2011	02	22.92164	09	50	07.72	+05	06	30.7	18.8	RvEE017204
K09B81H	C2011	03	02.19905	09	37	17.07	+16	13	05.7	19.2	VrEE017G96
K09B81H	C2011	03	02.20798	09	37	16.06	+16	13	55.5	19.0	VrEE017G96
K09B81H	C2011	03	02.21684	09	37	15.06	+16	14	45.3	19.2	VrEE017G96

K09B81H	C2011	03	02.25626	09	37	10.56	+16	18	27.1	19.5	VrEE017703
K09B81H	C2011	03	02.26730	09	37	09.30	+16	19	29.6	19.6	VrEE017703
K09B81H	C2011	03	02.27831	09	37	08.11	+16	20	31.3	20.2	VrEE017703
K09B81H	C2011	03	02.28938	09	37	06.70	+16	21	33.0	19.6	VrEE017703
K09F04Y	JC2011	03	03.11427	06	45	44.91	+01	11	38.8	17.9	VoEE017695
K09F04Y	JC2011	03	03.11520	06	45	45.70	+01	11	57.7	17.9	VoEE017695
K09F04Y	JC2011	03	03.11584	06	45	46.24	+01	12	10.5	17.9	VoEE017695
K09F04Y	JC2011	03	03.11646	06	45	46.76	+01	12	23.1	18.1	VoEE017695
K10RH9R	KC2011	03	02.11089907	39	45.23	+17	59	01.5		22.3	VoEE017H21
K10RH9R	KC2011	03	02.12797207	39	46.94	+17	58	51.1		22.6	VoEE017H21
K10RH9R	KC2011	03	02.14574507	39	48.70	+17	58	39.2			oEE017H21
K10V39X	C2011	03	02.11127	14	22	17.10	+16	37	37.6	19.3	VrEE017J75
K10V39X	C2011	03	02.12247	14	22	16.53	+16	37	44.2	19.6	VrEE017J75
K10V39X	C2011	03	02.13373	14	22	15.93	+16	37	49.3	19.6	VrEE017J75
K10V65N	C2011	03	03.12163	18	15	29.12	+42	30	57.5	20.2	RvEE017586
K10V65N	C2011	03	03.12381	18	15	28.93	+42	30	54.0	20.2	RvEE017586
K10V65N	C2011	03	03.12609	18	15	28.68	+42	30	49.9	20.2	RvEE017586
K10V65N	C2011	03	03.12819	18	15	28.51	+42	30	46.6	20.2	RvEE017586
K10V65N	C2011	03	03.13030	18	15	28.32	+42	30	43.1	20.4	RvEE017586
K10V65N	C2011	03	03.13241	18	15	28.11	+42	30	39.5	20.2	RvEE017586
K10V65N	C2011	03	03.13451	18	15	27.86	+42	30	35.8	20.1	RvEE017586
K10V65N	C2011	03	03.13662	18	15	27.70	+42	30	32.5	19.7	RvEE017586
K10V65N	C2011	03	03.13873	18	15	27.49	+42	30	28.7	20.4	RvEE017586
K10W00H	C2011	03	02.28262	10	07	04.55	+72	14	01.1		CEE017711
K10W00H	C2011	03	02.28733	10	07	04.52	+72	13	51.8		CEE017711
K10W00H	C2011	03	02.29249	10	07	04.50	+72	13	41.7		CEE017711
K10W00J	FC2011	03	02.08925	05	30	14.33	+02	08	13.7		CEE017711
K10W00J	FC2011	03	02.10103	05	30	14.87	+02	08	13.3		CEE017711
K10W00J	FC2011	03	02.11281	05	30	15.61	+02	08	12.3		CEE017711
K10X03G	KC2011	03	02.18185	08	11	50.35	-05	56	09.4	21.3	VoEE017H21
K10X03G	KC2011	03	02.20269	08	11	52.90	-05	55	59.0	21.4	VoEE017H21
K10X03G	KC2011	03	02.20925	08	11	53.71	-05	55	55.5	21.8	VoEE017H21
K10X67Z	C2011	03	03.21569	06	19	28.25	-00	23	32.9	20.3	VoEE017291
K10X67Z	C2011	03	03.21937	06	19	29.14	-00	23	34.8	20.6	VoEE017291
K10X67Z	C2011	03	03.22316	06	19	30.11	-00	23	36.3	20.7	VoEE017291
K10X82Y	C2011	03	02.26261	06	23	14.14	+26	11	44.8	20.6	VoEE017291
K10X82Y	C2011	03	02.27335	06	23	15.85	+26	12	06.0	20.8	VoEE017291
K10X82Y	C2011	03	02.27798	06	23	16.68	+26	12	15.4	21.3	VoEE017291
K10X82Y	C2011	03	03.23995	06	26	08.71	+26	44	33.7		oEE017291
K10X82Y	C2011	03	03.24409	06	26	09.44	+26	44	41.9		oEE017291
K10X82Y	C2011	03	03.24836	06	26	10.17	+26	44	50.0		oEE017291
K11A16N	KC2011	03	02.14901307	28	44.91	-02	10	51.2		19.1	VoEE017H21
K11A16N	KC2011	03	02.15091907	28	45.24	-02	10	45.4		18.8	VoEE017H21
K11A16N	KC2011	03	02.15330707	28	45.65	-02	10	38.5		18.6	VoEE017H21
K11A16N	KC2011	03	02.15466307	28	45.90	-02	10	34.2		18.4	VoEE017H21
K11A26S	KC2011	03	02.16293408	59	08.38	+07	58	24.7			oEE017H21
K11A26S	KC2011	03	02.17817108	59	09.18	+07	58	22.4		22.2	VoEE017H21
K11A26S	KC2011	03	02.19602608	59	10.17	+07	58	19.5		22.5	VoEE017H21
K11A26S	C2011	03	02.36905	08	59	20.19	+07	57	55.5	22.0	VoEE017291
K11A26S	C2011	03	02.37480	08	59	20.50	+07	57	54.4	22.1	VoEE017291
K11A26S	HC2011	03	02.38013	08	59	20.83	+07	57	53.6		oEE017291
K11B10X	KC2011	03	02.07519705	13	27.48	+37	14	06.4		19.9	VoEE017H21
K11B10X	KC2011	03	02.08078405	13	29.32	+37	14	09.3		20.0	VoEE017H21
K11B10X	KC2011	03	02.08651705	13	31.20	+37	14	12.0		19.7	VoEE017H21
K11B12A	C2011	03	02.40682	12	01	06.16	-02	05	48.3	17.6	VrEE017G96
K11B12A	C2011	03	02.41338	12	01	10.20	-02	06	16.4	17.5	VrEE017G96
K11B12A	C2011	03	02.42001	12	01	14.30	-02	06	44.9	17.6	VrEE017G96
K11B12A	C2011	03	02.42662	12	01	18.37	-02	07	13.2	17.6	VrEE017G96
K11B15T	JC2011	03	03.12497	05	57	29.78	+26	26	25.6	21.7	VoEE017695
K11B15T	JC2011	03	03.12686	05	57	30.32	+26	26	25.7	21.7	VoEE017695
K11B15T	JC2011	03	03.12852	05	57	30.85	+26	26	25.8	21.7	VoEE017695
K11B18Y	HC2011	03	02.28610	06	50	15.42	+23	06	08.5		oEE017291
K11B18Y	HC2011	03	02.29011	06	50	15.96	+23	06	09.9		oEE017291
K11B18Y	HC2011	03	02.29566	06	50	16.82	+23	06	09.6		oEE017291
K11B24J	KC2011	03	02.04528104	38	29.51	+11	31	02.0		20.2	VoEE017H21
K11B24J	KC2011	03	02.05574904	38	31.67	+11	31	09.7		20.0	VoEE017H21
K11B24J	KC2011	03	02.06092704	38	32.69	+11	31	14.1		20.6	VoEE017H21
K11B24K	KC2011	03	02.12577907	39	12.55	+37	05	34.9		20.2	VoEE017H21
K11B24K	KC2011	03	02.13013207	39	12.43	+37	05	30.7		19.6	VoEE017H21
K11B24K	KC2011	03	02.13706007	39	12.22	+37	05	23.7		20.4	VoEE017H21
K11B24K	KC2011	03	02.14345707	39	12.05	+37	05	17.2		20.1	VoEE017H21
K11B24L	KC2011	03	02.05601305	24	37.78	+52	35	57.9		22.0	VoEE017H21
K11B24L	KC2011	03	02.07218105	24	40.73	+52	36	24.6		22.3	VoEE017H21
K11B24L	KC2011	03	02.08512705	24	43.10	+52	36	46.1		21.9	VoEE017H21
K11B45B	HC2011	03	02.32553	08	30	35.45	+07	11	13.6		oEE017291
K11B45B	C2011	03	02.33376	08	30	34.89	+07	11	15.0	22.0	VoEE017291
K11B59O	KC2011	02	23.03991	08	41	40.48	+26	39	24.3	18.2	RvEE017204

K11B590	KC2011	02	23.04689	08	41	39.48	+26	39	18.1	vEE017204
K11B590	KC2011	02	23.05392	08	41	38.49	+26	39	11.8	vEE017204
K11B590	C2011	03	02.27238	08	24	37.56	+24	20	07.6	18.3 RuEE017H45
K11B590	C2011	03	02.27355	08	24	37.36	+24	20	05.8	18.5 RuEE017H45
K11B590	C2011	03	02.28171	08	24	35.94	+24	19	52.1	18.3 RuEE017H45
K11B590	C2011	03	02.28383	08	24	35.56	+24	19	48.5	18.5 RuEE017H45
K11B590	C2011	03	02.28856	08	24	34.77	+24	19	40.3	18.2 RuEE017H45
K11B590	C2011	03	02.29140	08	24	34.28	+24	19	35.4	18.2 RuEE017H45
K11B590	KC2011	03	02.80985	08	23	18.66	+24	05	23.5	18.2 VuEE017A13
K11B590	KC2011	03	02.83086	08	23	14.96	+24	04	49.6	18.1 VuEE017A13
K11B59Z	KC2011	03	02.30750511	27	30.92	+04	05	23.7	22.7 VoEE017H21	
K11B59Z	KC2011	03	02.32963411	27	31.49	+04	05	28.4	22.8 VoEE017H21	
K11B59Z	KC2011	03	02.35552911	27	32.20	+04	05	34.6	23.2 VoEE017H21	
K11C02G	C2011	03	02.52984	08	04	36.02	-02	33	19.2	18.1 VuEE017379
K11C02G	C2011	03	02.53277	08	04	35.48	-02	33	24.4	uEE017379
K11C02G	C2011	03	02.54517	08	04	32.99	-02	33	45.2	uEE017379
K11C02G	JC2011	03	03.16128	08	02	55.64	-02	51	08.7	17.8 VoEE017695
K11C02G	JC2011	03	03.17769	08	02	52.45	-02	51	36.8	17.7 VoEE017695
K11C02G	JC2011	03	03.19304	08	02	49.45	-02	52	03.0	17.6 VoEE017695
K11C02O	C2011	03	03.14099	03	31	24.40	+19	27	58.7	oEE017291
K11C02O	HC2011	03	03.14522	03	31	25.23	+19	28	09.2	oEE017291
K11C02O	HC2011	03	03.14925	03	31	25.77	+19	28	20.5	oEE017291
K11C46X	C2011	03	02.31202	07	46	34.56	+21	24	58.9	21.2 VoEE017291
K11C46X	C2011	03	02.31629	07	46	33.38	+21	25	07.7	22.0 VoEE017291
K11C46X	C2011	03	02.32037	07	46	32.17	+21	25	16.8	21.2 VoEE017291
K11C46Y	C2011	03	02.41366	12	26	19.45	+46	00	18.8	17.5 RuEE017H45
K11C46Y	C2011	03	02.41477	12	26	19.69	+46	00	21.9	17.7 RuEE017H45
K11C46Y	C2011	03	02.41576	12	26	19.88	+46	00	24.7	17.5 RuEE017H45
K11C46Y	C2011	03	02.41698	12	26	20.16	+46	00	28.1	17.7 RuEE017H45
K11C46Y	C2011	03	02.41841	12	26	20.46	+46	00	32.2	17.7 RuEE017H45
K11C46Y	C2011	03	02.41968	12	26	20.72	+46	00	35.7	17.9 RuEE017H45
K11C71G	C2011	03	02.14786	08	26	24.32	+14	24	32.4	19.3 VrEE017703
K11C71G	C2011	03	02.15610	08	26	24.57	+14	24	15.4	19.2 VrEE017703
K11C71G	C2011	03	02.16439	08	26	24.97	+14	23	56.6	19.0 VrEE017703
K11C71G	C2011	03	02.17264	08	26	24.97	+14	23	39.5	19.0 VrEE017703
K11C71H	C2011	03	02.19531	09	14	11.40	+30	23	10.2	17.8 VrEE017703
K11C71H	C2011	03	02.20361	09	14	10.78	+30	23	52.8	17.9 VrEE017703
K11C71H	C2011	03	02.21189	09	14	10.14	+30	24	35.4	17.9 VrEE017703
K11C71H	C2011	03	02.22016	09	14	09.45	+30	25	18.3	18.0 VrEE017703
K11C71H	C2011	03	02.25539	09	14	06.24	+30	28	15.3	18.1 RuEE017H45
K11C71H	C2011	03	02.25949	09	14	05.93	+30	28	36.1	18.1 RuEE017H45
K11C71H	C2011	03	02.26097	09	14	05.84	+30	28	43.5	18.1 RuEE017H45
K11C71H	C2011	03	02.26253	09	14	05.72	+30	28	51.2	18.0 RuEE017H45
K11C71H	C2011	03	02.26569	09	14	05.44	+30	29	07.8	18.1 RuEE017H45
K11C71H	C2011	03	02.26962	09	14	05.15	+30	29	27.5	18.1 RuEE017H45
K11C71H	C2011	03	02.27105	09	14	05.03	+30	29	35.0	18.0 RuEE017H45
K11C71H	C2011	03	02.60110	09	13	43.08	+30	57	47.7	18.6 VuEE017379
K11C71H	C2011	03	02.60296	09	13	42.93	+30	57	57.6	uEE017379
K11C71H	C2011	03	02.60970	09	13	42.41	+30	58	31.4	uEE017379
K11C71H	C2011	03	02.64039	09	13	40.09	+31	01	08.8	uEE017379
K11C71H	KC2011	03	02.93691	09	13	20.80	+31	26	30.0	18.2 VuEE017510
K11C71H	KC2011	03	02.94044	09	13	20.54	+31	26	47.8	17.5 VuEE017510
K11C71H	KC2011	03	02.94398	09	13	20.27	+31	27	06.4	18.2 VuEE017510
K11C71H	KC2011	03	02.94741	09	13	20.00	+31	27	24.4	18.0 VuEE017510
K11D000	KC2011	03	02.24457409	59	53.97	+23	18	18.4	19.6 VoEE017H21	
K11D000	KC2011	03	02.24702509	59	54.06	+23	18	27.8	19.6 VoEE017H21	
K11D000	KC2011	03	02.24976109	59	54.14	+23	18	38.4	20.1 VoEE017H21	
K11D000	KC2011	03	02.25232409	59	54.23	+23	18	48.4	19.5 VoEE017H21	
K11D000	C2011	03	02.26167	09	59	55.51	+23	19	35.0	cEE017711
K11D000	C2011	03	02.26873	09	59	55.67	+23	20	01.6	cEE017711
K11D000	C2011	03	02.27257	09	59	55.87	+23	20	16.9	cEE017711
K11D000	KC2011	03	02.79051	10	00	25.68	+23	52	20.2	19.3 RrEE017A17
K11D000	KC2011	03	02.80846	10	00	26.45	+23	53	27.0	19.1 RrEE017A17
K11D000	KC2011	03	02.82447	10	00	27.10	+23	54	26.1	19.1 RrEE017A17
K11D000	KC2011	03	02.86256	10	00	28.56	+23	56	45.8	19.1 RrEE017A17
K11D00R	KC2011	03	02.37263	11	32	20.64	+47	32	06.3	21.1 VoEE017H21
K11D00R	KC2011	03	02.37813	11	32	24.42	+47	32	56.3	21.0 VoEE017H21
K11D00R	KC2011	03	02.38364	11	32	28.19	+47	33	46.2	21.1 VoEE017H21
K11D00S	KC2011	03	02.29188310	22	53.72	+10	46	58.8	20.8 VoEE017H21	
K11D00S	KC2011	03	02.30188110	22	51.71	+10	46	59.9	21.0 VoEE017H21	
K11D00S	KC2011	03	02.31183310	22	49.76	+10	47	01.1	21.0 VoEE017H21	
K11D00S	tC2011	03	02.45944	10	22	25.01	+10	47	40.6	oEE017291
K11D00S	C2011	03	02.47209	10	22	22.87	+10	47	40.9	21.1 VoEE017291
K11D00S	C2011	03	02.47627	10	22	22.17	+10	47	41.0	21.9 VoEE017291
K11D00U	KC2011	03	02.36028	11	17	11.11	+01	47	07.8	20.2 VoEE017H21
K11D00U	KC2011	03	02.36356	11	17	10.68	+01	47	11.2	20.4 VoEE017H21
K11D00U	KC2011	03	02.36744	11	17	10.20	+01	47	15.5	20.4 VoEE017H21

K11D00U	JC2011	03	03.21975	11	15	24.21	+02	02	53.5	20.0	VoEE017695
K11D00U	JC2011	03	03.22073	11	15	24.08	+02	02	54.6	20.1	VoEE017695
K11D00U	JC2011	03	03.22146	11	15	23.98	+02	02	55.4	20.4	VoEE017695
K11D00U	JC2011	03	03.22220	11	15	23.88	+02	02	56.3	20.1	VoEE017695
K11D00V	KC2011	03	02.44957217	22	29.45	+21	41	23.0	19.6	VoEE017H21	
K11D00V	KC2011	03	02.45315217	22	29.87	+21	41	17.8	20.1	VoEE017H21	
K11D00V	KC2011	03	02.45694317	22	30.31	+21	41	12.6	19.7	VoEE017H21	
K11D00V	KC2011	03	02.46073617	22	30.75	+21	41	07.3	20.1	VoEE017H21	
K11D00V	KC2011	03	02.46453517	22	31.18	+21	41	02.1	19.5	VoEE017H21	
K11D00V	C2011	03	02.50773	17	22	37.26	+21	40	04.8	20.1	VoEE017291
K11D00V	C2011	03	02.51197	17	22	37.74	+21	39	59.2	19.6	VoEE017291
K11D00V	HC2011	03	02.51624	17	22	38.23	+21	39	53.6	oEE017291	
K11D00W	C2011	03	02.40436	13	10	29.51	+28	21	33.9	17.7	RuEE017H45
K11D00W	C2011	03	02.40506	13	10	29.85	+28	22	05.3	17.6	RuEE017H45
K11D00W	C2011	03	02.40575	13	10	30.17	+28	22	36.4	17.6	RuEE017H45
K11D00W	C2011	03	02.40609	13	10	30.31	+28	22	51.4	17.8	RuEE017H45
K11D00W	C2011	03	02.40683	13	10	30.68	+28	23	24.6	18.0	RuEE017H45
K11D00W	C2011	03	02.40729	13	10	30.92	+28	23	45.9	17.7	RuEE017H45
K11D00W	C2011	03	02.40781	13	10	31.15	+28	24	08.8	17.5	RuEE017H45
K11D00W	C2011	03	02.40822	13	10	31.34	+28	24	27.3	17.2	RuEE017H45
K11D00W	C2011	03	02.40870	13	10	31.55	+28	24	49.4	17.6	RuEE017H45
K11D00W	C2011	03	02.40927	13	10	31.84	+28	25	14.8	17.5	RuEE017H45
K11D00W	C2011	03	02.40978	13	10	32.08	+28	25	37.9	17.4	RuEE017H45
K11D00W	KC2011	03	02.41721	13	10	34.76	+28	30	51.2	16.9	VoEE017H21
K11D00W	KC2011	03	02.42001	13	10	36.12	+28	32	57.0	17.0	VoEE017H21
K11D00W	KC2011	03	02.42281	13	10	37.49	+28	35	02.8	17.0	VoEE017H21
K11D00W	KC2011	03	02.42557	13	10	38.84	+28	37	07.0	17.0	VoEE017H21
K11D00W	KC2011	03	02.42832	13	10	40.19	+28	39	10.7	17.0	VoEE017H21
K11D00W	KC2011	03	02.90037	13	15	44.31	+34	33	15.7	16.6	RrEE017A17
K11D00W	KC2011	03	02.90268	13	15	45.73	+34	35	00.6	16.7	RrEE017A17
K11D00W	KC2011	03	02.90482	13	15	47.02	+34	36	38.0	16.6	RrEE017A17
K11D00W	KC2011	03	02.90698	13	15	48.34	+34	38	15.8	16.6	RrEE017A17
K11D05D	KC2011	03	02.21870409	00	06.32	+22	19	43.9	19.8	VoEE017H21	
K11D05D	KC2011	03	02.22347209	00	04.78	+22	18	36.7	19.7	VoEE017H21	
K11D05D	KC2011	03	02.22824609	00	03.22	+22	17	29.0	19.7	VoEE017H21	
K11D09S	C2011	03	02.22684	10	43	34.35	+21	08	21.7	19.2	VrEE017703
K11D09S	C2011	03	02.23370	10	43	33.99	+21	08	31.7	19.3	VrEE017703
K11D09S	C2011	03	02.24063	10	43	33.45	+21	08	40.3	19.2	VrEE017703
K11D09S	C2011	03	02.30501	10	43	28.13	+21	10	05.5	19.5	RuEE017H45
K11D09S	C2011	03	02.32214	10	43	26.80	+21	10	29.6	19.5	RuEE017H45
K11D09S	C2011	03	02.32526	10	43	26.58	+21	10	34.2	19.6	RuEE017H45
K11D09S	C2011	03	02.32702	10	43	26.45	+21	10	36.5	19.6	RuEE017H45
K11D09S	C2011	03	02.32859	10	43	26.28	+21	10	38.3	19.5	RuEE017H45
K11D09S	C2011	03	02.33033	10	43	26.15	+21	10	40.8	19.7	RuEE017H45
K11D09S	C2011	03	02.33230	10	43	26.02	+21	10	43.5	19.6	RuEE017H45
K11D09S	KC2011	03	02.34171710	43	25.23	+21	10	54.4	19.6	VoEE017H21	
K11D09S	KC2011	03	02.34628210	43	24.88	+21	11	00.7	19.7	VoEE017H21	
K11D09S	KC2011	03	02.35066810	43	24.53	+21	11	06.8	oEE017H21		
K11D09S	KC2011	03	02.43262	10	43	18.73	+21	12	58.4	19.0	RrEE017H10
K11D09S	KC2011	03	02.44820	10	43	17.59	+21	13	19.9	19.0	RrEE017H10
K11D09S	JC2011	03	03.23103	10	42	24.86	+21	31	20.9	19.7	VoEE017695
K11D09S	JC2011	03	03.23476	10	42	24.58	+21	31	26.3	19.2	VoEE017695
K11D09S	JC2011	03	03.24118	10	42	24.08	+21	31	35.4	19.9	VoEE017695
K11D09T	KC2011	03	02.23178109	31	11.69	-06	08	13.6	18.1	VoEE017H21	
K11D09T	KC2011	03	02.23299409	31	10.82	-06	08	45.9	18.0	VoEE017H21	
K11D09T	KC2011	03	02.23439509	31	09.83	-06	09	22.8	18.0	VoEE017H21	
K11D09T	KC2011	03	02.23570209	31	08.90	-06	09	57.5	18.1	VoEE017H21	
K11D09T	C2011	03	02.29463	09	30	28.47	-06	35	29.1	18.8	RuEE017H45
K11D09T	C2011	03	02.29524	09	30	28.05	-06	35	45.8	18.4	RuEE017H45
K11D09T	C2011	03	02.29609	09	30	27.45	-06	36	07.5	18.5	RuEE017H45
K11D09T	C2011	03	02.29671	09	30	27.00	-06	36	22.3	18.3	RuEE017H45
K11D09T	C2011	03	02.29737	09	30	26.54	-06	36	41.5	18.2	RuEE017H45
K11D09T	C2011	03	02.29810	09	30	26.07	-06	36	59.5	18.1	RuEE017H45
K11D09T	C2011	03	02.29855	09	30	25.67	-06	37	11.6	18.2	RuEE017H45
K11D09T	C2011	03	02.29925	09	30	25.26	-06	37	28.8	18.4	RuEE017H45
K11D09T	C2011	03	02.30011	09	30	24.69	-06	37	54.2	18.4	RuEE017H45
K11D09T	C2011	03	02.30172	09	30	23.49	-06	38	35.3	18.6	RuEE017H45
K11D09T	KC2011	03	03.13196	09	22	47.36	-12	25	19.5	18.5	RuEE017734
K11D09T	KC2011	03	03.13415	09	22	45.91	-12	26	12.0	18.3	RuEE017734
K11D09T	KC2011	03	03.13525	09	22	45.17	-12	26	37.9	18.3	RuEE017734
K11D09U	KC2011	03	02.40208513	09	48.82	+06	20	35.1	20.6	VoEE017H21	
K11D09U	KC2011	03	02.40742613	09	48.99	+06	20	35.0	20.3	VoEE017H21	
K11D09U	KC2011	03	02.41276213	09	49.09	+06	20	35.1	20.7	VoEE017H21	
K11D10V	KC2011	03	02.21487910	42	39.64	+08	55	13.4	22.1	VoEE017H21	
K11D10V	KC2011	03	02.23048410	42	40.85	+08	55	47.1	22.3	VoEE017H21	
K11D10V	KC2011	03	02.24856110	42	42.21	+08	56	24.8	22.2	VoEE017H21	
K11E00J	%C2011	03	02.33762	12	02	04.29	+35	13	23.7	20.1	RoEE017F65

	K11E00J	%C2011	03	02.33940	12	02	04.07	+35	13	24.4		20.0	RoEE017F65
	K11E00J	%C2011	03	02.34118	12	02	03.78	+35	13	25.1		20.2	RoEE017F65
	K11E00J	%C2011	03	02.34299	12	02	03.51	+35	13	25.7		20.1	RoEE017F65
	K11E00K	C2011	03	02.47896	15	08	56.61	-00	16	06.9		19.7	VrEE017G96
	K11E00K	C2011	03	02.48495	15	08	57.94	-00	15	35.5		19.5	VrEE017G96
	K11E00K	C2011	03	02.49104	15	08	59.28	-00	15	03.5		19.6	VrEE017G96
02062		C2011	03	02.11037	03	06	02.62	+15	27	04.2		19.1	VrEE017G96
02062		C2011	03	02.11559	03	06	03.45	+15	27	13.1		19.1	VrEE017G96
02062		C2011	03	02.12622	03	06	05.18	+15	27	31.1		19.0	VrEE017G96
02062		C2011	03	02.13145	03	06	05.97	+15	27	40.1		18.9	VrEE017G96
03554		C2011	03	02.36120	13	17	35.25	+13	23	55.5		14.4	cEE017704
03554		C2011	03	02.37462	13	17	31.58	+13	23	38.8		14.7	cEE017704
03554		C2011	03	02.38819	13	17	27.88	+13	23	22.3		14.6	cEE017704
03554		C2011	03	02.39883	13	17	24.54	+13	23	08.2		14.8	RuEE017H45
03554		C2011	03	02.39972	13	17	24.30	+13	23	07.2		14.8	RuEE017H45
03554		C2011	03	02.40114	13	17	23.91	+13	23	05.5		14.9	RuEE017H45
03554		C2011	03	02.40201	13	17	23.68	+13	23	04.4		15.0	RuEE017H45
03554		C2011	03	02.40289	13	17	23.44	+13	23	03.4		14.8	RuEE017H45
04688		KC2011	03	02.80299	07	27	40.90	+00	08	55.5		18.7	VuEE017240
04688		KC2011	03	02.80629	07	27	41.57	+00	08	57.5		18.9	VuEE017240
04688		KC2011	03	02.80923	07	27	42.18	+00	08	59.4		18.9	VuEE017240
04688		KC2011	03	02.81141	07	27	42.63	+00	09	00.7		19.2	VuEE017240
04688		KC2011	03	02.81685	07	27	43.74	+00	09	03.8		19.1	VuEE017240
04954		C2011	03	02.22822	10	59	49.20	+19	40	24.5		14.3	VrEE017703
04954		C2011	03	02.23509	10	59	48.40	+19	40	22.3		14.3	VrEE017703
04954		C2011	03	02.24201	10	59	47.54	+19	40	20.1		14.3	VrEE017703
04954		C2011	03	02.24895	10	59	46.71	+19	40	18.0		14.3	VrEE017703
05189		KC2011	03	02.82034	08	23	21.08	+19	54	42.0		20.0	VuEE017A13
05189		KC2011	03	02.84132	08	23	19.67	+19	54	45.7		20.1	VuEE017A13
09856		C2011	03	02.26918	09	24	21.34	+09	23	55.4		20.2	VrEE017G96
09856		C2011	03	02.27499	09	24	20.91	+09	23	58.8		20.4	VrEE017G96
09856		C2011	03	02.28082	09	24	20.44	+09	24	01.9		20.4	VrEE017G96
09856		C2011	03	02.28662	09	24	19.98	+09	24	05.4		20.3	VrEE017G96
18882		C2011	03	02.10582	04	59	34.36	+12	37	30.3		18.6	cEE017704
18882		C2011	03	02.11804	04	59	35.35	+12	37	09.6		18.6	cEE017704
18882		C2011	03	02.13031	04	59	36.39	+12	36	50.5		18.7	cEE017704
31210		C2011	03	02.34426	13	07	15.85	+01	40	20.2		20.8	VoEE017691
31210		C2011	03	02.36250	13	07	15.12	+01	40	28.7		20.5	VoEE017691
31210		C2011	03	02.38022	13	07	14.37	+01	40	37.7		20.6	VoEE017691
48603		C2011	03	02.28943	10	04	41.27	+10	12	53.6		18.7	cEE017704
48603		C2011	03	02.30258	10	04	40.16	+10	12	56.6		19.2	cEE017704
48603		C2011	03	02.32849	10	04	38.06	+10	13	00.4		19.5	cEE017704
48603		C2011	03	02.34167	10	04	36.97	+10	13	02.2		19.3	cEE017704
85990		C2011	03	02.22684	10	47	11.14	+21	54	31.2		18.6	VrEE017703
85990		C2011	03	02.23370	10	47	09.67	+21	54	40.6		18.4	VrEE017703
85990		C2011	03	02.24063	10	47	08.34	+21	54	51.3		18.7	VrEE017703
85990		C2011	03	02.24754	10	47	07.00	+21	55	01.8		18.4	VrEE017703
85990		KC2011	03	02.90911	10	45	00.84	+22	10	56.8		18.6	VuEE017A13
85990		KC2011	03	02.92812	10	44	57.09	+22	11	24.5		18.4	VuEE017A13
86819		C2011	03	02.27738	12	24	58.09	+00	40	13.3		21.1	VoEE017691
86819		C2011	03	02.29508	12	24	57.20	+00	40	24.3		20.7	VoEE017691
86819		C2011	03	02.31278	12	24	56.28	+00	40	34.8		21.3	VoEE017691
F2889		KC2011	03	02.85719	09	24	22.60	+25	00	49.7		19.2	VuEE017A13
F2889		KC2011	03	02.87856	09	24	20.66	+25	01	14.4		19.0	VuEE017A13
F9635		C2011	03	02.39660	13	13	50.77	-04	13	23.5		19.9	VoEE017691
F9635		C2011	03	02.41430	13	13	50.01	-04	13	04.3		20.1	VoEE017691
F9635		C2011	03	02.43202	13	13	49.24	-04	12	44.9		20.4	VoEE017691
H5706		C2011	03	02.15123	07	31	03.32	+19	45	29.0			cEE017711
H5706		DC2011	03	02.15738	07	31	03.02	+19	45	28.9			cEE017711
H5706		C2011	03	02.16354	07	31	02.74	+19	45	29.6			cEE017711
L5167		C2011	03	02.22956	10	38	33.61	+18	20	03.3		19.0	VrEE017703
L5167		C2011	03	02.23647	10	38	33.10	+18	20	24.3		19.1	VrEE017703
L5167		C2011	03	02.24339	10	38	32.60	+18	20	46.8		19.2	VrEE017703
L5167		C2011	03	02.25032	10	38	32.10	+18	21	07.9		19.0	VrEE017703
P0706		C2011	03	02.45791	13	55	42.92	-05	04	16.6		19.9	VoEE017691
P0706		C2011	03	02.47563	13	55	41.50	-05	04	13.9		19.7	VoEE017691
P0706		C2011	03	02.49334	13	55	40.08	-05	04	12.0		19.8	VoEE017691

New natural satellite orbits:

Object	H	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
S009S	6.6	K1128	187.088	2.104	266.981	172.977	0.18002	0.08618	41103	X
S029S	10.4	K1128	17.235	82.307	48.100	45.576	0.42328	0.12003	3812	X

A. U. Tomatic

(C) Copyright 2011 MPC

M.P.E.C. 2011-E17