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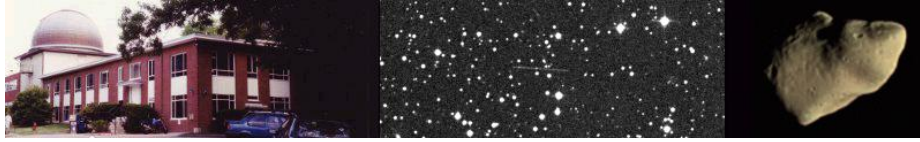
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MPEC 2011-B56 : DAILY ORBIT UPDATE (2011 JAN. 29 UT)

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-B55](#)



[Read MPEC 2011-B57](#)

M.P.E.C. 2011-B56

Issued 2011 Jan. 29, 07:08 UT

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DAILY ORBIT UPDATE (2011 JAN. 29 UT)

Update to [MPEC 2011-B46](#)

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

New identification:

K03C22B	K11B22Q	MPCS
K05M25P	K11B23R	MPCS
K06C09E	K11B20E	MPCS
K07B63E	K11B23N	MPCS
K07C04K	K11B20C	MPCS
K07C56Z	K11B19G	MPCS
K07DB2Y	K11B22X	MPCS
K07E84A	K11B21F	MPCS
K07F48P	K11A24A	Manca
K08CB5G	K11B20J	MPCS
K08E15L	K11B22P	MPCS
K11A20A	K05YI9Y	MPCS
K11A59G	K06X29N	MPCS

New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
J93T07N	17.0	0.15	K1128	55.570	153.027	284.698	3.193	0.21892	2.56000	6	X
J95O09C	16.6	0.15	K1128	220.544	112.391	160.890	11.559	0.05488	2.69413	6	X
J95S33C	17.4	0.15	K1128	57.383	143.217	167.891	4.945	0.20164	2.41852	5	X
J95U09S	16.0	0.15	K1128	246.129	309.455	8.548	14.847	0.10817	2.64615	3	X
J95U51X	18.1	0.15	K1128	50.695	259.030	170.281	2.789	0.16619	2.36896	4	X
J95V04F	16.9	0.15	K1128	167.444	192.532	75.145	7.617	0.09988	2.38952	5	X
J95V11C	16.8	0.15	K1128	59.380	248.085	186.080	4.811	0.18437	2.35167	7	X
J95W26X	15.7	0.15	K1128	323.677	171.686	27.724	9.273	0.21318	2.76767	4	X
J96J11G	15.4	0.15	K1128	184.759	201.014	124.915	7.789	0.14407	3.08348	8	X
J96R19F	15.9	0.15	K1128	242.086	109.105	172.363	5.589	0.12541	3.21602	6	X
J96Y01F	17.0	0.15	K1128	11.681	75.945	77.115	8.966	0.37455	2.27975	4	W
J97E10B	17.7	0.15	K1128	352.624	216.785	308.525	2.533	0.03068	2.29952	7	X
J97S03W	16.9	0.15	K1128	29.860	78.211	7.948	14.972	0.05139	2.56251	5	X
J97S19O	15.9	0.15	K1128	233.931	291.267	352.607	8.902	0.08348	3.09106	6	X
J97S30K	16.7	0.15	K1128	116.138	145.758	226.902	2.316	0.07979	2.54259	6	X
J98B10L	16.2	0.15	K1128	81.555	58.153	337.057	25.784	0.07478	2.64235	4	X
J98D18F	17.4	0.15	K1128	324.822	64.499	134.202	4.786	0.09780	2.20152	6	X
J98F63E	15.6	0.15	K1128	293.677	214.105	11.184	12.687	0.12388	2.70412	7	X

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J98FC0Z	16.2	0.15	K1128	14.482	159.146	8.303	11.677	0.11577	2.63603	6 X
J98R10N	16.6	0.15	K1128	96.754	232.217	167.736	4.150	0.05372	3.00211	4 X
J98S06G	16.9	0.15	K1128	64.296	60.245	350.430	6.396	0.12681	2.40545	6 X
J98S27D	17.0	0.15	K1128	93.254	158.713	215.283	1.845	0.24701	2.43066	8 X
J98S37D	15.5	0.15	K1128	276.387	207.857	17.360	11.260	0.05938	3.01086	7 X
J98SC0T	15.7	0.15	K1128	126.716	185.499	167.380	9.600	0.14185	3.05786	6 X
J98SE6F	14.7	0.15	K1128	110.687	317.487	21.815	15.439	0.22365	3.13770	4 X
J98T04Z	15.6	0.15	K1128	114.941	336.763	37.456	10.692	0.09349	3.09370	5 X
J98W38V	17.6	0.15	K1128	85.453	324.123	76.794	2.330	0.17089	2.43785	5 X
J98X44Y	16.0	0.15	K1128	72.195	75.109	317.727	8.548	0.24097	2.48558	4 X
J99B27G	16.9	0.15	K1128	36.500	86.773	307.314	2.102	0.23031	2.56591	4 X
J99C06W	15.6	0.15	K1128	328.052	53.371	113.636	15.828	0.15537	2.53516	4 X
J99C86R	15.6	0.15	K1128	324.468	103.581	42.522	5.252	0.21710	2.55753	6 X
J99CC3L	15.9	0.15	K1128	29.997	36.698	39.869	13.145	0.21429	2.53557	4 X
J99R30R	16.2	0.15	K1128	79.656	61.486	333.072	23.661	0.27278	2.29709	4 X
J99R44W	17.1	0.15	K1128	118.257	143.955	174.337	4.743	0.18503	2.26444	7 X
J99R95H	17.1	0.15	K1128	132.496	168.676	213.937	2.333	0.29345	2.26542	5 X
J99RF30	17.7	0.15	K1128	116.583	135.653	216.449	4.640	0.25934	2.27117	6 X
J99T12K	18.3	0.15	K1128	14.757	112.108	359.156	24.487	0.39287	1.68312	3 W
J99T64H	16.2	0.15	K1128	116.595	44.811	1.469	6.257	0.01236	2.77731	7 X
J99TA3R	17.0	0.15	K1128	126.686	35.061	345.413	5.701	0.18298	2.25099	7 X
J99TG9V	15.5	0.15	K1128	108.335	7.471	12.835	12.390	0.04421	2.89884	6 X
J99TK7D	17.1	0.15	K1128	57.410	74.618	337.366	18.301	0.44269	2.99672	3 X
J99TM1Z	17.9	0.15	K1128	106.245	186.111	178.257	4.445	0.24665	2.28547	3 X
J99TN3K	17.4	0.15	K1128	154.179	70.834	256.007	6.157	0.30973	2.24849	4 X
J99TO9E	15.8	0.15	K1128	32.535	106.817	252.488	8.811	0.26856	3.10402	3 X
J99U37R	15.8	0.15	K1128	39.218	322.804	186.696	11.747	0.08084	2.76665	6 X
J99V58V	17.3	0.15	K1128	65.835	178.353	225.341	4.040	0.23381	2.32455	4 X
J99VA1E	18.0	0.15	K1128	47.539	6.396	60.035	1.397	0.18794	2.33035	4 X
J99VC9Q	17.8	0.15	K1128	310.365	241.496	272.469	2.078	0.10780	2.33342	4 X
J99VD9V	16.2	0.15	K1128	115.105	128.024	241.925	2.969	0.10196	2.91706	7 X
J99VG3R	17.1	0.15	K1128	12.343	12.237	31.760	3.072	0.19705	2.39575	5 X
J99VI0S	15.4	0.15	K1128	276.441	262.951	53.702	28.845	0.35261	2.61956	4 X
J99W25D	18.5	0.15	K1128	47.327	186.444	235.298	2.004	0.26870	2.34440	3 X
J99X14Z	15.6	0.15	K1128	99.841	273.768	89.395	23.744	0.32691	2.32010	4 X
J99XE8H	15.7	0.15	K1128	355.082	61.792	67.200	11.060	0.06821	2.99763	6 X
J99XN5F	15.5	0.15	K1128	7.886	346.211	53.396	10.365	0.16555	3.18102	4 X
J99XP2B	16.0	0.15	K1128	41.129	302.748	77.861	11.776	0.15062	3.12934	5 X
J99XP4W	15.7	0.15	K1128	57.640	313.500	100.902	8.446	0.14214	3.08767	5 X
K00B05V	15.7	0.15	K1128	359.847	78.725	65.871	2.315	0.16781	3.07087	6 X
K00B13M	17.8	0.15	K1128	339.787	163.332	315.510	1.961	0.14219	2.42712	5 X
K00B40S	16.8	0.15	K1128	51.070	294.618	133.864	4.809	0.16080	3.11133	5 X
K00C03A	15.0	0.15	K1128	18.529	121.032	330.277	26.081	0.37138	3.13933	3 X
K00C17F	16.7	0.15	K1128	329.889	17.351	154.725	9.077	0.12853	2.37519	7 X
K00C23R	15.1	0.15	K1128	102.849	265.984	148.790	15.525	0.06300	3.04236	6 X
K00CA9Z	16.5	0.15	K1128	87.281	87.384	319.635	7.154	0.21109	2.35494	5 X
K00CD0W	16.2	0.15	K1128	271.410	136.114	123.549	23.413	0.15713	2.33140	6 X
K00CE9X	15.7	0.15	K1128	80.932	265.622	144.311	13.359	0.03635	3.13243	5 X
K00D10E	16.9	0.15	K1128	274.810	107.104	148.714	7.877	0.09887	2.35802	6 X
K00D10K	15.2	0.15	K1128	53.216	109.665	324.016	16.222	0.22639	3.09108	4 X
K00D16O	16.6	0.15	K1128	131.943	31.109	336.199	17.330	0.08881	1.96378	5 X
K00D29A	15.4	0.15	K1128	213.923	330.324	334.317	12.184	0.04192	3.09217	5 X
K00D30G	15.1	0.15	K1128	19.626	328.210	160.148	11.550	0.13018	3.09987	6 X
K00D31E	16.5	0.15	K1128	302.831	234.589	327.296	6.016	0.07788	2.38857	5 X
K00D32Q	16.5	0.15	K1128	43.881	95.697	329.699	3.950	0.27405	2.39166	5 X
K00D43P	15.7	0.15	K1128	10.039	352.435	150.286	7.947	0.09516	3.11174	7 X
K00D77C	16.0	0.15	K1128	0.076	9.048	179.020	0.897	0.22634	3.06888	6 X
K00D87H	16.9	0.15	K1128	313.597	105.117	104.057	4.096	0.23696	2.38317	6 X
K00D87J	15.1	0.15	K1128	306.423	79.919	134.346	16.701	0.17088	3.12425	4 X
K00D90Y	16.2	0.15	K1128	41.288	301.857	139.785	0.339	0.14840	3.12280	5 X
K00DB5D	15.8	0.15	K1128	89.982	255.977	146.990	11.043	0.27807	3.05509	5 X
K00DB8E	18.1	0.15	K1128	308.412	222.303	328.869	1.849	0.14856	2.39826	3 X
K00E05A	15.4	0.15	K1128	129.765	54.495	332.625	8.525	0.07864	3.08945	4 X
K00E05M	15.7	0.15	K1128	259.447	110.253	160.624	8.927	0.12676	3.12125	8 X
K00E35Z	17.0	0.15	K1128	255.074	98.329	170.965	10.589	0.08937	2.38688	4 X
K00E63Q	17.3	0.15	K1128	1.474	28.799	150.423	2.994	0.17851	2.36113	6 X
K00EC6C	17.2	0.15	K1128	15.297	141.653	24.543	5.778	0.16828	2.34801	4 X
K00EJ3V	17.4	0.15	K1128	298.655	306.874	285.082	1.302	0.17910	2.39279	7 X
K00EK0K	15.0	0.15	K1128	303.304	253.412	339.235	24.547	0.21663	3.14857	4 X
K00F57Z	16.5	0.15	K1128	323.882	41.080	145.070	6.644	0.17487	2.41032	6 X
K00F72Q	16.8	0.15	K1128	8.352	135.799	4.396	8.830	0.04393	3.17257	5 X
K00F73V	14.5	0.15	K1128	348.773	17.067	146.850	23.886	0.14388	3.15182	5 X
K00Q48Q	16.3	0.15	K1128	104.966	200.964	157.308	9.280	0.29331	2.72469	5 X
K00Q56D	15.3	0.15	K1128	182.730	193.432	149.127	15.657	0.13584	2.55687	5 X
K00QAIN	15.8	0.15	K1128	155.040	207.052	155.926	16.036	0.16543	2.63238	4 X
K00QJ9F	16.2	0.15	K1128	145.426	208.736	157.608	6.303	0.20920	2.62372	3 X
K00QL9X	16.3	0.15	K1128	195.659	161.696	158.137	7.870	0.12916	2.57926	6 X
K00QN3B	17.0	0.15	K1128	80.077	115.808	313.102	4.610	0.09308	2.62844	6 X
K00R00E	15.9	0.15	K1128	68.092	84.833	301.367	24.621	0.34496	2.77211	4 X
K00R81M	15.6	0.15	K1128	147.453	38.182	294.515	12.923	0.27497	2.67131	4 X
K00R85E	15.7	0.15	K1128	223.612	272.452	356.928	11.046	0.17689	2.61605	6 X
K00R98M	15.9	0.15	K1128	119.172	59.172	297.298	13.174	0.21907	2.71459	3 X

K00S74P	17.1	0.15	K1128	67.829	311.105	83.254	2.769	0.23827	2.17818	4 X
K00SG7Y	17.3	0.15	K1128	102.247	111.916	257.885	2.876	0.21462	2.15490	4 X
K00SN6M	16.6	0.15	K1128	134.927	142.568	198.380	4.876	0.27385	2.71090	4 X
K00SP8M	15.7	0.15	K1128	85.607	341.108	39.004	14.277	0.12137	2.78034	7 X
K00SS9P	15.8	0.15	K1128	59.538	48.888	349.908	13.582	0.15839	2.78686	5 X
K00SY7O	16.1	0.15	K1128	192.095	3.686	305.029	19.722	0.27796	2.60855	4 X
K00Sb1W	15.9	0.15	K1128	63.342	8.880	35.751	12.788	0.20464	2.78295	6 X
K00T05X	16.8	0.15	K1128	35.521	86.560	0.557	7.922	0.28627	2.78209	3 X
K00T07U	16.7	0.15	K1128	80.873	233.009	183.596	3.820	0.20392	2.72043	5 X
K00T40K	15.9	0.15	K1128	73.597	344.091	27.951	12.479	0.25686	2.79035	4 X
K00U06C	15.9	0.15	K1128	4.440	172.642	216.317	7.300	0.30366	2.97336	3 X
K00U82P	15.9	0.15	K1128	66.961	349.148	52.033	9.594	0.25256	2.79052	5 X
K00W26L	15.9	0.15	K1128	11.831	37.053	25.338	2.035	0.12552	2.92631	4 X
K00YC8Z	16.1	0.15	K1128	43.420	352.213	96.738	9.658	0.17981	2.88489	4 X
K01A37T	14.8	0.15	K1128	342.444	88.092	83.335	14.780	0.18200	2.90888	4 X
K01B13Z	18.0	0.15	K1128	41.415	169.476	265.907	3.878	0.10271	2.22888	5 X
K01D02N	16.6	0.15	K1128	59.307	279.011	134.783	1.924	0.17053	2.97275	7 X
K01D08Q	18.0	0.15	K1128	24.332	14.614	342.855	12.893	0.90159	1.84140	4 X
K01D42F	16.9	0.15	K1128	291.477	247.338	335.819	7.546	0.12915	2.23882	7 X
K01F07N	18.2	0.15	K1128	342.558	28.617	92.588	3.745	0.14067	2.30781	4 X
K01F74C	15.8	0.15	K1128	310.575	146.202	66.134	4.605	0.17189	2.98361	6 X
K01FA7R	17.6	0.15	K1128	333.225	187.370	335.382	6.775	0.15114	2.26124	3 X
K01FH9L	15.0	0.15	K1128	359.920	52.715	102.772	11.297	0.07559	2.96581	6 X
K01FK2U	16.8	0.15	K1128	119.166	182.071	188.631	1.774	0.05711	3.04468	8 X
K01G03L	16.3	0.15	K1128	271.233	141.824	90.294	23.876	0.20399	2.31425	4 X
K01G05V	17.6	0.15	K1128	305.336	359.833	201.022	2.218	0.18697	2.28976	8 X
K01G06X	15.2	0.15	K1128	274.941	93.865	156.590	12.781	0.29416	3.06771	4 X
K01K16H	15.4	0.15	K1128	305.597	115.437	77.263	13.764	0.21746	3.11540	6 X
K01K18B	17.5	0.15	K1128	216.531	35.797	256.089	5.028	0.32073	2.36736	5 X
K01K19B	15.1	0.15	K1128	320.379	128.155	67.394	4.231	0.18228	3.08147	8 X
K01O49W	16.6	0.15	K1128	64.436	100.546	259.001	4.932	0.24458	2.61482	5 X
K01O83K	15.2	0.15	K1128	276.706	292.618	346.155	22.347	0.28527	3.14090	6 X
K01O92O	16.3	0.15	K1128	94.055	236.644	95.922	10.117	0.21757	2.57448	4 X
K01P00E	16.6	0.15	K1128	114.446	232.501	139.264	24.559	0.06254	1.98792	4 X
K01P32V	17.4	0.15	K1128	165.163	331.480	353.959	19.372	0.06625	1.95635	4 X
K01P44L	16.6	0.15	K1128	283.619	296.073	312.137	4.469	0.19048	2.35190	6 X
K01P48Z	16.4	0.15	K1128	91.835	352.888	17.143	14.363	0.20227	2.53683	5 X
K01P57S	16.7	0.15	K1128	254.543	145.881	147.405	8.256	0.25256	2.34569	5 X
K01Q10B	16.3	0.15	K1128	137.526	38.007	327.984	7.423	0.15021	2.46344	6 X
K01QC8G	15.9	0.15	K1128	118.081	56.409	295.290	9.254	0.14233	2.51222	6 X
K01QD5K	16.5	0.15	K1128	196.652	307.663	349.525	18.945	0.05151	1.98618	5 X
K01QF5C	16.8	0.15	K1128	109.872	66.650	295.373	7.855	0.23894	2.52935	6 X
K01QH2R	17.1	0.15	K1128	120.516	69.026	282.607	7.746	0.25691	2.52156	6 X
K01QJ3G	15.8	0.15	K1128	132.702	62.106	288.992	10.088	0.15003	2.52069	6 X
K01QL1U	16.7	0.15	K1128	68.959	230.802	169.301	5.691	0.27384	2.58222	7 X
K01QP2S	16.2	0.15	K1128	69.999	42.134	346.221	13.205	0.19043	2.56680	4 X
K01QQ8L	16.1	0.15	K1128	37.309	108.930	331.902	29.285	0.32556	2.61838	4 X
K01R05G	16.7	0.15	K1128	125.044	113.866	234.295	5.637	0.22232	2.53246	5 X
K01R14P	16.7	0.15	K1128	247.319	79.238	185.331	3.094	0.15826	2.42036	8 X
K01R79X	16.0	0.15	K1128	93.012	358.930	20.847	12.660	0.19528	2.59233	5 X
K01RB1P	17.0	0.15	K1128	38.201	32.792	1.792	1.629	0.22179	2.64366	5 X
K01RB2V	17.2	0.15	K1128	227.964	337.380	301.922	0.792	0.16333	2.42846	7 X
K01RB8O	16.9	0.15	K1128	248.681	146.047	146.844	2.226	0.20237	2.37050	7 X
K01RF5R	16.5	0.15	K1128	48.706	105.338	315.858	13.574	0.18259	2.58638	5 X
K01S34J	16.5	0.15	K1128	37.078	71.529	16.825	9.073	0.13538	2.57111	6 X
K01S72R	15.7	0.15	K1128	105.032	308.507	71.446	11.701	0.13572	2.58794	4 X
K01S86F	17.2	0.15	K1128	243.805	49.008	245.770	1.519	0.20878	2.36056	5 X
K01SH5G	16.6	0.15	K1128	33.070	329.455	100.890	4.120	0.30633	2.64120	3 X
K01SH7F	16.6	0.15	K1128	241.800	165.083	137.414	5.136	0.22947	2.39432	7 X
K01SH8R	16.6	0.15	K1128	67.257	281.980	110.838	5.343	0.27730	2.63450	6 X
K01SM4R	16.9	0.15	K1128	62.537	260.613	158.172	5.299	0.26475	2.58536	5 X
K01SP4R	16.7	0.15	K1128	80.282	231.424	151.453	5.893	0.29183	2.61041	5 X
K01SV5P	15.8	0.15	K1128	47.812	86.659	337.611	11.846	0.26109	2.64388	5 X
K01SW1V	16.4	0.15	K1128	136.636	59.329	276.725	6.066	0.14474	2.53528	6 X
K01T02H	17.0	0.15	K1128	52.584	50.125	6.901	2.115	0.22252	2.59892	4 X
K01T21S	16.3	0.15	K1128	37.923	321.160	45.805	13.471	0.15718	2.71215	4 X
K01T61M	17.0	0.15	K1128	94.227	184.419	217.657	2.316	0.20539	2.55101	7 X
K01T76U	16.4	0.15	K1128	67.006	354.378	41.688	3.622	0.26516	2.63065	3 X
K01T86L	16.9	0.15	K1128	10.717	156.369	282.995	2.054	0.32483	2.68681	3 X
K01T92G	17.4	0.15	K1128	40.927	86.253	335.261	2.898	0.26607	2.63863	4 X
K01T92M	16.7	0.15	K1128	89.154	152.310	222.959	4.225	0.28417	2.58912	5 X
K01TA4E	16.4	0.15	K1128	62.188	346.073	74.102	4.145	0.23580	2.61720	4 X
K01TC0A	17.0	0.15	K1128	37.891	82.163	347.520	14.144	0.30854	2.64656	4 X
K01TE9B	16.8	0.15	K1128	47.436	339.152	82.307	5.637	0.18015	2.61657	6 X
K01TIOV	17.1	0.15	K1128	123.842	95.195	267.203	2.587	0.10115	2.55144	6 X
K01TI3L	17.1	0.15	K1128	288.917	261.061	10.224	7.738	0.11117	2.37792	3 X
K01TJ0Y	16.6	0.15	K1128	42.815	66.248	5.995	4.956	0.23563	2.64204	4 X
K01TM7Z	16.4	0.15	K1128	93.337	69.712	296.543	13.326	0.33138	2.55873	3 X
K01TN8N	16.9	0.15	K1128	53.449	320.322	80.988	7.451	0.28331	2.62202	4 X
K01U13X	14.3	0.15	K1128	48.892	354.517	90.484	11.322	0.18811	3.98453	4 X
K01U29C	16.8	0.15	K1128	66.099	239.218	174.692	4.827	0.28655	2.60008	4 X
K01U41G	16.3	0.15	K1128	352.084	27.157	43.156	14.414	0.16992	2.73854	3 X

K01U65G	15.6	0.15	K1128	57.510	13.821	39.458	14.842	0.15419	2.63818	5 X
K01UA2L	17.4	0.15	K1128	58.023	242.846	174.891	4.043	0.22701	2.60385	4 X
K01UA5H	17.0	0.15	K1128	185.571	253.895	43.740	15.410	0.11079	2.54489	6 X
K01UD1A	16.3	0.15	K1128	272.984	178.381	40.838	15.699	0.02876	2.56924	5 X
K01UD6E	16.6	0.15	K1128	35.220	34.700	49.638	3.282	0.17725	2.62218	4 X
K01UI7V	16.5	0.15	K1128	173.612	281.848	35.602	14.614	0.01882	2.56529	4 X
K01UJ5R	17.3	0.15	K1128	114.808	203.467	155.761	2.096	0.09418	2.57739	5 X
K01UK2O	17.0	0.15	K1128	10.880	157.478	282.275	3.363	0.12108	2.67877	3 X
K01UK4N	16.7	0.15	K1128	26.007	116.890	346.896	4.043	0.24068	2.61816	5 X
K01UL2F	17.1	0.15	K1128	36.946	184.716	268.009	2.246	0.14437	2.59947	5 X
K01UM0S	17.2	0.15	K1128	112.997	105.041	255.427	2.989	0.22213	2.58627	4 X
K01V28L	15.9	0.15	K1128	36.736	19.144	56.624	13.369	0.18975	2.66237	5 X
K01V63K	16.4	0.15	K1128	80.060	114.388	276.734	3.063	0.27019	2.61341	3 X
K01VA9D	16.1	0.15	K1128	1.399	182.274	265.874	4.243	0.13347	2.71310	3 X
K01W33C	16.5	0.15	K1128	351.067	23.497	76.472	6.212	0.14615	2.71190	5 X
K01W48Z	16.8	0.15	K1128	164.879	153.710	190.040	2.711	0.07386	2.54149	5 X
K01W56Y	16.6	0.15	K1128	33.984	34.961	47.989	4.717	0.20341	2.64018	3 X
K01W73B	16.7	0.15	K1128	352.523	67.173	89.393	3.980	0.07212	2.56364	5 X
K01W81R	16.6	0.15	K1128	21.721	349.653	73.482	6.274	0.09435	2.71759	6 X
K01W85S	16.4	0.15	K1128	128.265	120.994	262.683	1.451	0.12910	2.56223	5 X
K01X06L	15.9	0.15	K1128	40.342	87.577	304.212	28.810	0.42370	2.73907	3 X
K01X08Y	17.1	0.15	K1128	41.832	105.913	15.252	4.730	0.23139	2.58915	6 X
K01X40C	15.4	0.15	K1128	146.196	40.477	316.679	10.107	0.34367	2.53550	5 X
K01X45H	15.6	0.15	K1128	165.755	304.949	33.178	13.248	0.09348	2.57886	6 X
K01X53R	16.4	0.15	K1128	89.942	239.097	175.246	5.400	0.09793	2.59750	5 X
K01X80E	16.7	0.15	K1128	25.840	329.201	112.774	10.902	0.25749	2.68550	3 X
K01X93V	16.0	0.15	K1128	147.691	260.088	60.506	12.739	0.07140	2.62642	5 X
K01X96J	16.0	0.15	K1128	88.619	34.794	62.114	2.459	0.06943	2.51725	6 X
K01XB0C	16.3	0.15	K1128	15.472	41.315	82.616	14.760	0.21267	2.61593	4 X
K01XB0P	17.0	0.15	K1128	39.694	336.772	95.876	5.559	0.20591	2.63424	2 X
K01XC4J	16.0	0.15	K1128	181.078	111.898	208.378	3.324	0.10580	2.55680	5 X
K01XE7L	16.5	0.15	K1128	76.095	299.662	87.134	15.266	0.19277	2.66710	5 X
K01XG7F	15.9	0.15	K1128	316.869	263.968	265.993	24.311	0.33169	2.74481	3 X
K01XG7Y	16.6	0.15	K1128	21.518	337.933	44.392	10.849	0.28521	2.79709	4 X
K01XH8P	15.8	0.15	K1128	331.660	219.362	267.449	11.798	0.12341	2.77367	4 X
K01XJ9U	16.5	0.15	K1128	78.320	80.754	273.659	3.954	0.18113	2.12820	5 X
K01XK6A	16.2	0.15	K1128	14.307	30.573	92.239	14.724	0.20362	2.64274	4 X
K01XL7G	16.4	0.15	K1128	351.940	5.770	99.484	10.080	0.16976	2.76320	3 X
K01XL9G	16.3	0.15	K1128	183.503	289.787	47.234	2.498	0.10380	2.51082	6 X
K01XM6L	15.7	0.15	K1128	206.311	20.267	291.369	3.216	0.15251	2.52569	5 X
K01XO5N	16.6	0.15	K1128	95.034	100.529	293.818	3.500	0.11147	2.60130	6 X
K01XP2V	16.0	0.15	K1128	329.895	82.662	104.338	13.305	0.11324	2.64534	5 X
K01Y04Z	15.9	0.15	K1128	11.911	164.280	5.931	17.963	0.12058	2.60438	6 X
K01Y11J	16.4	0.15	K1128	54.555	292.452	123.194	5.061	0.29506	2.69747	3 X
K01Y34G	16.1	0.15	K1128	71.005	337.152	64.659	4.313	0.11335	2.65483	6 X
K01Y69Y	16.2	0.15	K1128	117.781	71.425	309.653	5.763	0.24411	2.59709	4 X
K01YC8H	15.8	0.15	K1128	7.435	195.856	296.519	11.199	0.09078	2.63586	6 X
K01YC9J	15.6	0.15	K1128	109.975	305.104	72.351	14.821	0.10428	2.65163	7 X
K01YD8E	16.1	0.15	K1128	11.342	89.413	23.329	12.231	0.16105	2.68742	4 X
K01YF7C	16.4	0.15	K1128	2.673	171.441	322.441	13.084	0.19524	2.67427	4 X
K02A43U	17.5	0.15	K1128	27.708	220.078	258.285	2.767	0.16717	2.65678	4 X
K02AA0V	16.0	0.15	K1128	24.898	20.858	92.218	6.225	0.10363	2.69560	6 X
K02AA5F	15.7	0.15	K1128	311.389	110.962	118.591	17.023	0.30200	2.67062	6 X
K02AC0G	15.7	0.15	K1128	49.449	134.279	314.081	6.593	0.18414	2.68331	4 X
K02AD6E	16.9	0.15	K1128	51.145	297.176	148.756	3.412	0.16050	2.65514	6 X
K02AJ4R	16.3	0.15	K1128	223.124	342.423	296.714	6.673	0.11275	2.68004	5 X
K02AJ7R	15.9	0.15	K1128	325.556	122.792	62.728	12.645	0.09962	2.68036	4 X
K02AK0O	15.8	0.15	K1128	351.563	18.733	138.078	13.798	0.12107	2.67797	5 X
K02B02R	16.4	0.15	K1128	77.669	110.631	322.124	3.637	0.09253	2.66634	6 X
K02B05F	15.3	0.15	K1128	49.496	39.703	23.568	15.036	0.14565	2.73019	6 X
K02B05J	16.0	0.15	K1128	26.846	63.624	34.775	16.093	0.11411	2.71614	5 X
K02B31K	16.5	0.15	K1128	14.163	322.013	153.724	9.653	0.13054	2.73672	5 X
K02C02F	15.4	0.15	K1128	112.782	260.593	109.072	15.815	0.04504	2.73615	6 X
K02C18O	15.7	0.15	K1128	26.799	143.103	7.853	12.040	0.13593	2.64339	7 X
K02C21S	16.3	0.15	K1128	296.919	68.098	128.739	14.151	0.10762	2.75313	4 X
K02C37P	15.9	0.15	K1128	43.197	101.076	333.276	12.177	0.17786	2.75189	5 X
K02C50Q	16.8	0.15	K1128	86.402	279.634	140.753	5.488	0.11295	2.68529	6 X
K02C60B	16.2	0.15	K1128	48.006	114.141	313.564	12.896	0.10012	2.71165	4 X
K02C84G	15.7	0.15	K1128	47.294	301.358	150.075	11.676	0.15573	2.71914	5 X
K02CA0R	16.0	0.15	K1128	339.644	22.458	149.915	5.649	0.09709	2.74553	5 X
K02CF7F	15.9	0.15	K1128	330.509	66.879	124.917	13.201	0.12946	2.69404	3 X
K02CG0Y	15.7	0.15	K1128	49.469	339.218	114.869	13.933	0.07377	2.69034	6 X
K02CG8G	15.5	0.15	K1128	39.638	97.235	339.216	25.029	0.28122	2.73914	4 X
K02CH9X	16.0	0.15	K1128	124.051	217.840	136.833	6.832	0.04515	2.75465	7 X
K02CJ2U	16.6	0.15	K1128	59.285	56.254	35.244	3.053	0.09224	2.68598	5 X
K02CK9S	15.9	0.15	K1128	48.237	306.655	147.446	13.347	0.07645	2.72931	5 X
K02CP5C	16.5	0.15	K1128	352.865	186.265	307.054	14.949	0.17317	2.75046	3 X
K02CR3B	15.3	0.15	K1128	323.272	227.669	266.109	13.868	0.09442	2.84696	4 X
K02CT9H	15.6	0.15	K1128	156.668	27.127	334.944	11.975	0.07267	2.68576	6 X
K02CU4J	16.7	0.15	K1128	47.734	135.047	318.150	4.180	0.12818	2.72234	4 X
K02CU5Z	16.5	0.15	K1128	35.223	325.935	180.497	7.423	0.13301	2.61714	6 X
K02CV6C	16.9	0.15	K1128	92.670	217.365	177.601	4.415	0.07686	2.78162	5 X

K02D11D	16.1	0.15	K1128	294.171	164.858	61.919	16.635	0.26424	2.76725	4 X
K02E05K	16.7	0.15	K1128	341.765	161.457	348.130	5.489	0.01287	2.76451	6 X
K02E28V	16.1	0.15	K1128	76.015	98.038	9.914	5.466	0.07315	2.65618	7 X
K02E50E	16.6	0.15	K1128	293.669	73.360	168.694	9.484	0.14626	2.72588	6 X
K02E68Q	15.9	0.15	K1128	302.724	218.165	355.943	9.162	0.08870	2.77936	3 X
K02EA1Y	16.3	0.15	K1128	326.350	100.994	67.786	10.014	0.16076	2.78629	5 X
K02EA7Y	16.0	0.15	K1128	32.541	215.821	266.640	9.876	0.17618	2.68073	5 X
K02ED2R	15.7	0.15	K1128	258.049	286.441	9.144	10.149	0.04168	2.68123	4 X
K02EF5V	16.2	0.15	K1128	322.225	210.807	27.178	4.367	0.12541	2.68357	7 X
K02EG3D	16.8	0.15	K1128	58.713	93.569	7.004	10.426	0.26239	2.66550	4 X
K02F21L	16.2	0.15	K1128	357.842	156.374	345.186	7.621	0.16045	2.77922	4 X
K02G77A	16.4	0.15	K1128	317.581	65.510	151.677	8.331	0.16083	2.76927	5 X
K02G82L	15.8	0.15	K1128	31.340	331.558	182.277	14.974	0.03193	2.73236	7 X
K02GG4Q	16.6	0.15	K1128	312.018	83.363	175.771	4.362	0.19294	2.72463	7 X
K02GH9H	15.5	0.15	K1128	218.077	315.559	0.549	12.192	0.16307	2.77368	4 X
K02J54O	15.6	0.15	K1128	318.028	168.956	44.207	7.368	0.20300	2.80923	4 X
K02J69N	15.6	0.15	K1128	342.768	80.382	98.134	9.452	0.16984	2.76908	4 X
K02J83A	15.9	0.15	K1128	323.697	147.722	41.362	11.948	0.08146	2.84238	6 X
K02L58Z	15.5	0.15	K1128	165.001	228.924	79.341	17.095	0.09292	3.06981	5 X
K02L61V	15.5	0.15	K1128	310.160	19.666	163.150	10.639	0.03110	2.98028	7 X
K02L61Z	17.7	0.15	K1128	188.125	120.360	187.226	5.144	0.18329	2.20732	6 X
K02N68C	16.5	0.15	K1128	259.017	88.801	188.983	4.289	0.14799	2.96578	6 X
K02N69T	16.6	0.15	K1128	189.649	331.516	4.608	5.235	0.13935	3.06651	5 X
K02N70Q	17.1	0.15	K1128	119.288	261.884	117.012	3.540	0.25097	2.28601	6 X
K02N72V	15.1	0.15	K1128	35.322	332.826	127.478	19.260	0.07569	3.13686	5 X
K02O04S	18.3	0.15	K1128	37.137	102.040	289.583	26.802	0.45386	1.92351	3 X
K02O27Z	18.1	0.15	K1128	230.810	35.263	242.142	2.942	0.16405	2.22288	5 X
K02O29W	17.3	0.15	K1128	77.281	221.900	168.209	5.188	0.24519	2.34782	6 X
K02O32Z	15.3	0.15	K1128	2.422	330.882	155.747	11.682	0.07491	3.15861	6 X
K02P09P	17.6	0.15	K1128	134.323	189.003	165.883	6.693	0.17441	2.29300	6 X
K02P13Z	16.4	0.15	K1128	211.588	34.434	267.069	5.123	0.19356	3.07303	3 X
K02P21J	17.8	0.15	K1128	224.565	330.573	307.455	4.259	0.15776	2.23203	4 X
K02P32V	17.6	0.15	K1128	149.735	57.557	295.305	4.951	0.19478	2.27689	3 X
K02P34E	16.8	0.15	K1128	233.341	337.205	319.456	7.245	0.16608	2.20084	5 X
K02P40R	15.7	0.15	K1128	346.025	106.239	144.099	23.532	0.31800	2.74405	3 X
K02P59S	16.4	0.15	K1128	206.825	142.374	155.742	6.853	0.24425	2.25571	6 X
K02P66L	17.9	0.15	K1128	240.066	358.057	280.991	3.917	0.19726	2.19719	5 X
K02P88O	15.9	0.15	K1128	245.005	320.399	340.130	8.295	0.23625	3.02033	5 X
K02P88W	17.6	0.15	K1128	185.570	172.272	126.320	7.648	0.13007	2.29700	5 X
K02PA1S	18.1	0.15	K1128	181.797	75.955	236.541	5.654	0.23770	2.26271	4 X
K02PB4H	15.6	0.15	K1128	221.474	140.168	141.804	12.934	0.12473	3.12954	5 X
K02PC0J	15.3	0.15	K1128	134.786	209.090	166.615	17.596	0.10478	3.20853	4 X
K02PC5D	15.8	0.15	K1128	245.596	139.416	148.603	10.532	0.09391	3.03659	5 X
K02PD8S	14.6	0.15	K1128	210.625	350.437	330.786	17.093	0.19779	3.14081	6 X
K02PF8G	15.7	0.15	K1128	92.362	97.433	324.552	9.322	0.05832	3.14511	6 X
K02PH7J	15.3	0.15	K1128	106.666	68.856	326.957	18.972	0.16984	3.21374	5 X
K02PI5C	15.8	0.15	K1128	158.238	202.336	162.141	6.924	0.07582	3.10587	8 X
K02PJ2V	16.1	0.15	K1128	124.444	234.388	157.466	12.242	0.09545	3.17361	6 X
K02Q00V	15.2	0.15	K1128	256.589	106.294	159.760	9.999	0.08667	3.10390	6 X
K02Q02C	17.1	0.15	K1128	99.780	179.192	187.786	6.109	0.24582	2.35505	5 X
K02Q25E	17.4	0.15	K1128	122.104	203.043	145.397	6.792	0.14898	2.32597	7 X
K02Q42Y	15.2	0.15	K1128	172.267	8.812	339.943	17.173	0.19177	3.12313	4 X
K02Q53D	17.1	0.15	K1128	72.200	33.561	37.300	1.267	0.14374	2.30210	8 X
K02Q55A	17.6	0.15	K1128	65.444	309.401	119.016	3.501	0.20778	2.33260	5 X
K02Q66G	15.4	0.15	K1128	260.889	92.202	146.190	21.548	0.08214	3.16858	4 X
K02Q66V	15.1	0.15	K1128	195.470	342.789	347.854	9.214	0.08163	3.10489	4 X
K02Q85D	15.8	0.15	K1128	137.763	213.101	165.613	9.435	0.07949	3.16651	5 X
K02QB0O	15.7	0.15	K1128	210.792	138.037	147.359	17.968	0.00604	3.19821	7 X
K02QB1Z	17.8	0.15	K1128	260.863	335.129	273.824	3.980	0.12436	2.23295	6 X
K02QB5D	15.8	0.15	K1128	200.737	357.900	308.421	14.714	0.07144	3.16873	4 X
K02QB5Z	15.9	0.15	K1128	291.084	283.256	297.545	8.096	0.06967	3.13207	5 X
K02QC9Z	17.9	0.15	K1128	145.696	114.810	228.075	1.520	0.12676	2.29736	5 X
K02QD0A	17.9	0.15	K1128	104.747	87.687	305.110	3.871	0.20174	2.31081	5 X
K02QD4K	18.4	0.15	K1128	152.540	213.373	109.284	3.773	0.15795	2.31820	3 X
K02R12U	16.5	0.15	K1128	83.891	24.514	357.195	5.238	0.21985	2.38886	4 X
K02R17U	17.6	0.15	K1128	96.569	199.766	164.271	2.324	0.22176	2.37891	3 X
K02R35V	17.1	0.15	K1128	90.379	72.259	306.590	6.310	0.12165	2.35495	4 X
K02R53V	17.0	0.15	K1128	223.678	168.315	138.791	5.902	0.18099	2.22215	5 X
K02R79T	17.2	0.15	K1128	197.456	354.868	333.989	3.985	0.17255	2.24295	4 X
K02RB5U	16.8	0.15	K1128	62.519	80.426	320.201	9.474	0.24968	2.39617	4 X
K02RE3N	15.1	0.15	K1128	224.497	2.805	285.771	4.212	0.13123	3.19085	6 X
K02RF5Z	16.9	0.15	K1128	53.731	243.990	191.424	3.644	0.24260	2.36850	5 X
K02RG2M	14.7	0.15	K1128	163.723	2.229	357.370	13.329	0.04843	3.17856	6 X
K02RJ3A	15.3	0.15	K1128	98.640	65.984	357.889	9.836	0.01750	3.18425	4 X
K02RM0A	15.8	0.15	K1128	212.580	145.955	147.002	11.208	0.23650	3.15862	5 X
K02RM6J	15.6	0.15	K1128	265.401	320.842	302.714	4.135	0.11743	3.10232	7 X
K02RN4N	15.5	0.15	K1128	158.790	195.586	160.836	12.262	0.00822	3.18152	6 X
K02RO3D	16.7	0.15	K1128	143.997	48.698	130.642	5.917	0.14400	2.28052	3 X
K02RR1W	18.1	0.15	K1128	152.222	28.881	333.158	6.981	0.11615	2.26385	5 X
K02RR2U	17.5	0.15	K1128	102.264	220.851	162.555	5.976	0.06575	2.31482	6 X
K02RS2V	17.6	0.15	K1128	60.059	236.837	200.870	1.749	0.16230	2.35575	5 X
K02S37T	17.2	0.15	K1128	118.139	160.056	208.569	4.059	0.17354	2.35658	5 X

K02S44F	16.8	0.15	K1128	225.450	317.244	22.206	5.178	0.17257	2.21750	6 X
K02S59Y	15.3	0.15	K1128	265.952	122.303	152.449	18.438	0.13037	3.09056	4 X
K02S72L	15.3	0.15	K1128	316.686	224.167	343.489	13.435	0.17652	3.11638	4 X
K02T05X	16.5	0.15	K1128	49.458	39.250	38.521	5.249	0.20600	2.39403	5 X
K02T06G	16.5	0.15	K1128	93.467	220.517	162.232	5.180	0.23778	2.38934	4 X
K02T13R	17.0	0.15	K1128	91.141	260.576	109.273	2.318	0.20098	2.40753	4 X
K02T16D	17.7	0.15	K1128	71.903	92.194	296.994	0.460	0.19972	2.40140	5 X
K02T19G	17.3	0.15	K1128	78.935	213.218	198.562	2.039	0.17081	2.36144	5 X
K02T21S	17.4	0.15	K1128	67.075	215.150	194.299	2.249	0.22200	2.39774	5 X
K02T33C	15.6	0.15	K1128	234.744	293.635	9.342	4.461	0.15235	3.12218	6 X
K02T33F	17.5	0.15	K1128	97.351	176.073	208.776	2.193	0.18646	2.36062	3 X
K02T47H	16.3	0.15	K1128	67.974	44.460	8.440	3.030	0.18551	2.41002	3 X
K02T47P	17.2	0.15	K1128	83.213	195.503	203.704	3.585	0.09544	2.35235	5 X
K02T64K	16.9	0.15	K1128	245.722	318.544	323.335	3.244	0.15492	2.25199	7 X
K02T80K	17.4	0.15	K1128	181.852	94.540	218.942	4.235	0.16388	2.30882	4 X
K02T86Y	17.5	0.15	K1128	75.781	86.806	335.407	1.822	0.19160	2.35561	5 X
K02T92K	17.6	0.15	K1128	121.575	194.228	184.458	3.647	0.13689	2.32905	4 X
K02T99E	15.5	0.15	K1128	228.036	330.130	337.262	6.649	0.14481	3.16091	6 X
K02TB5N	14.9	0.15	K1128	98.830	83.610	318.909	9.204	0.12115	3.38762	6 X
K02TD4K	17.4	0.15	K1128	96.834	97.432	283.595	5.618	0.14883	2.37124	5 X
K02TG9T	16.6	0.15	K1128	50.390	95.456	310.285	8.347	0.22245	2.43157	5 X
K02TI2J	17.1	0.15	K1128	59.045	93.511	282.775	6.360	0.17864	2.44322	4 X
K02TI6K	16.9	0.15	K1128	63.081	96.787	326.360	2.694	0.22873	2.38303	5 X
K02TJ3Q	16.9	0.15	K1128	59.433	31.916	40.259	5.125	0.15945	2.37365	5 X
K02TJ5K	16.5	0.15	K1128	83.881	347.009	44.313	4.092	0.17574	2.40394	6 X
K02TO6U	16.2	0.15	K1128	49.989	41.520	37.284	8.224	0.08426	2.38249	5 X
K02TO9M	17.1	0.15	K1128	210.128	131.403	182.159	4.885	0.18631	2.26269	5 X
K02TR9B	15.9	0.15	K1128	76.196	69.655	330.973	7.730	0.18962	2.40213	6 X
K02TV2Q	17.1	0.15	K1128	282.272	138.195	92.264	8.162	0.04670	2.31837	6 X
K02TX1X	17.9	0.15	K1128	248.383	105.571	141.130	3.641	0.10395	2.31134	7 X
K02U10W	17.1	0.15	K1128	86.182	151.920	256.857	1.393	0.19295	2.37437	4 X
K02U28Z	16.1	0.15	K1128	66.627	267.886	101.051	7.307	0.16476	2.47128	4 X
K02U32Y	17.5	0.15	K1128	31.530	97.823	266.110	3.596	0.32513	2.53935	3 X
K02U37R	17.3	0.15	K1128	51.144	214.290	207.184	4.539	0.18402	2.42974	4 X
K02V12L	16.5	0.15	K1128	325.881	205.861	266.976	4.836	0.22785	2.53753	3 X
K02V20E	17.2	0.15	K1128	85.012	168.659	214.997	4.379	0.24378	2.41939	5 X
K02V41O	17.5	0.15	K1128	19.862	91.656	12.767	1.659	0.15056	2.43467	7 X
K02VC2A	16.9	0.15	K1128	97.124	93.226	281.608	11.059	0.19596	2.40956	5 X
K02VC3D	16.8	0.15	K1128	95.297	89.566	305.124	6.335	0.11307	2.39697	4 X
K02VC7R	16.3	0.15	K1128	73.010	319.856	88.636	12.204	0.21794	2.41312	6 X
K02VD7Y	17.7	0.15	K1128	354.558	85.067	41.404	11.433	0.14857	2.44686	3 X
K02W06Z	16.3	0.15	K1128	38.748	325.057	42.994	10.250	0.10796	2.57316	3 X
K02X11J	16.7	0.15	K1128	52.323	4.536	73.825	7.762	0.17363	2.41945	3 X
K02X25Y	16.8	0.15	K1128	95.990	307.931	64.654	1.928	0.20179	2.43968	7 X
K02X52K	15.6	0.15	K1128	33.725	125.378	258.925	17.048	0.30900	2.55065	3 X
K02X57X	17.0	0.15	K1128	61.439	311.262	155.956	2.858	0.17343	2.37534	6 X
K02X73H	15.8	0.15	K1128	48.166	91.722	267.638	10.815	0.20771	2.56646	3 W
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
K02X79U	15.2	0.15	K1128	50.888	302.933	74.101	9.877	0.20333	2.56909	4 X
K02X88B	15.6	0.15	K1128	334.576	183.200	309.882	10.722	0.11870	2.53354	6 X
K02Y20M	16.4	0.15	K1128	332.096	211.817	284.922	3.998	0.21763	2.54010	3 X
K02Y33F	15.8	0.15	K1128	76.614	100.826	292.531	8.174	0.27662	2.43751	5 X
K03A46M	15.8	0.15	K1128	65.161	28.552	354.725	4.192	0.21158	2.52316	4 X
K03A53Y	16.0	0.15	K1128	32.561	74.357	354.396	4.949	0.16784	2.53980	3 X
K03A57A	16.8	0.15	K1128	6.323	64.216	48.683	2.868	0.16712	2.53360	3 X
K03A62Q	16.8	0.15	K1128	20.397	26.716	90.831	3.552	0.14137	2.47139	5 X
K03A64M	17.0	0.15	K1128	13.282	161.502	301.259	18.293	0.09145	1.91861	3 X
K03A79V	15.0	0.15	K1128	313.107	123.161	59.186	15.734	0.09939	2.52675	7 X
K03A80M	16.7	0.15	K1128	232.642	288.202	327.562	17.517	0.06526	1.92814	4 X
K03A81Z	16.8	0.15	K1128	12.750	138.247	287.008	2.640	0.23530	2.58195	4 X
K03B00P	16.9	0.15	K1128	40.507	342.936	93.654	12.902	0.20408	2.52671	3 X
K03B27S	16.4	0.15	K1128	17.569	271.745	152.030	11.806	0.39648	2.58289	3 X
K03B30G	16.6	0.15	K1128	332.531	207.107	308.513	13.092	0.12176	2.53619	4 X
K03B38N	16.9	0.15	K1128	3.113	30.581	115.820	5.200	0.09730	2.47970	3 X
K03B45K	15.7	0.15	K1128	15.233	115.905	280.396	10.442	0.30404	2.64440	3 X
K03B52E	16.3	0.15	K1128	349.743	276.850	231.585	2.722	0.14587	2.52394	7 X
K03B62F	16.5	0.15	K1128	26.014	32.892	52.678	5.227	0.13503	2.54872	5 X
K03B67H	17.0	0.15	K1128	352.706	146.683	343.922	11.858	0.23707	2.54987	4 X
K03B77Y	16.8	0.15	K1128	37.361	75.742	4.120	5.644	0.22722	2.52646	4 X
K03B93Q	16.5	0.15	K1128	334.412	87.569	75.793	13.326	0.15700	2.53663	3 X
K03C06L	17.0	0.15	K1128	350.870	33.632	105.146	5.818	0.16457	2.53923	3 X
K03C07E	16.2	0.15	K1128	295.551	96.398	110.390	5.638	0.17410	2.57050	5 X
K03C11K	17.0	0.15	K1128	80.177	87.208	334.531	20.551	0.12425	1.90412	4 X
K03C11L	17.0	0.15	K1128	118.581	55.754	334.980	20.063	0.09652	1.90513	4 X
K03C17J	17.1	0.15	K1128	35.203	36.774	42.683	4.329	0.21652	2.55440	4 X
K03C22B	16.6	0.15	K1128	39.361	312.262	133.403	3.803	0.12693	3.98906	4 S
K03D01E	17.1	0.15	K1128	19.061	138.082	321.182	10.096	0.14014	2.55212	4 X
K03D06Z	16.5	0.15	K1128	6.153	346.361	129.683	12.044	0.09798	2.56085	5 X
K03D17C	16.9	0.15	K1128	1.878	141.698	347.193	6.644	0.11714	2.54716	6 X
K03E00T	17.0	0.15	K1128	91.417	61.814	341.283	18.292	0.10321	1.92854	4 X
K03E37D	15.8	0.15	K1128	327.860	108.809	64.951	14.047	0.08642	2.54913	7 X

K03E56Y	15.7	0.15	K1128	13.546	24.136	94.986	16.092	0.09198	2.53940	5 X
K03E63M	16.1	0.15	K1128	278.713	104.569	70.571	13.415	0.13679	2.69186	3 X
K03F06K	16.1	0.15	K1128	299.502	197.157	11.952	13.665	0.11788	2.61009	6 X
K03F37S	17.0	0.15	K1128	306.935	25.390	198.403	4.364	0.14656	2.55404	3 X
K03F61T	16.6	0.15	K1128	355.334	50.076	85.042	5.882	0.15261	2.58938	3 X
K03F62O	16.7	0.15	K1128	326.748	136.131	55.969	2.982	0.13810	2.56239	5 X
K03F68K	15.9	0.15	K1128	269.852	223.785	25.807	14.189	0.13727	2.59939	5 X
K03F68Y	17.2	0.15	K1128	348.789	57.378	91.296	6.214	0.14528	2.59416	5 X
K03F91Q	16.1	0.15	K1128	269.606	209.415	45.580	12.480	0.14421	2.59729	6 X
K03F91S	16.3	0.15	K1128	10.670	13.326	114.187	6.253	0.20837	2.57143	5 X
K03FB7Q	16.5	0.15	K1128	339.896	39.098	144.390	6.808	0.09220	2.52418	5 X
K03FC0R	16.7	0.15	K1128	291.000	18.944	198.115	5.561	0.15928	2.59127	7 X
K03G34L	16.7	0.15	K1128	328.154	77.270	98.929	6.200	0.20143	2.59305	4 X
K03G36H	15.6	0.15	K1128	302.225	117.209	114.628	13.120	0.23486	2.56556	5 X
K03H05K	17.1	0.15	K1128	356.332	93.038	159.303	3.575	0.12953	2.42002	5 X
K03J17G	16.0	0.15	K1128	224.629	164.997	108.844	4.751	0.28726	2.76603	5 X
K03M02H	15.1	0.15	K1128	257.883	134.315	123.532	35.706	0.22978	2.72752	5 X
K03M03X	15.7	0.15	K1128	303.852	84.529	138.171	25.589	0.18983	2.64661	3 X
K03M04F	15.1	0.15	K1128	186.691	1.265	258.841	15.778	0.18241	3.04874	5 X
K03O15F	15.0	0.15	K1128	115.078	43.749	299.223	15.051	0.24790	3.18750	4 X
K03O19T	15.2	0.15	K1128	121.840	59.752	293.917	13.752	0.21942	3.08584	4 X
K03Q07R	15.7	0.15	K1128	107.286	216.186	155.495	16.151	0.23349	3.11195	5 X
K03Q45A	17.3	0.15	K1128	96.637	79.063	243.489	5.295	0.18214	2.22499	3 X
K03Q89R	16.0	0.15	K1128	288.365	304.727	310.102	17.702	0.41197	2.69127	3 X
K03QA0V	16.9	0.15	K1128	41.557	109.957	260.857	3.914	0.11027	2.25287	5 X
K03QA5R	14.9	0.15	K1128	155.347	188.301	137.530	29.177	0.32522	3.09834	5 X
K03QB3B	16.4	0.15	K1128	49.507	302.323	132.055	21.786	0.21539	2.19508	6 X
K03O4Z	17.0	0.15	K1128	20.891	17.473	348.164	5.536	0.27861	2.34780	5 X
K03S12A	15.9	0.15	K1128	99.887	221.039	157.847	5.010	0.17007	3.13732	5 X
K03S12K	15.7	0.15	K1128	112.644	206.069	161.652	9.476	0.12383	3.10548	4 X
K03S33U	15.9	0.15	K1128	154.302	163.831	165.859	9.517	0.19806	3.07342	5 X
K03S35N	15.2	0.15	K1128	166.884	300.111	9.192	11.310	0.05705	3.13163	5 X
K03S36P	16.0	0.15	K1128	147.056	329.130	8.305	20.618	0.13048	3.10606	5 X
K03S40X	15.6	0.15	K1128	81.090	49.024	330.995	17.876	0.16429	3.22454	5 X
K03S43M	15.8	0.15	K1128	150.466	38.363	318.362	6.934	0.17932	2.98282	5 X
K03S45P	14.8	0.15	K1128	121.370	350.333	15.655	13.891	0.07356	3.11229	4 X
K03S60M	15.4	0.15	K1128	121.309	44.549	343.434	8.896	0.17917	3.03935	3 X
K03S83M	15.3	0.15	K1128	246.329	253.895	16.711	10.380	0.06078	2.96482	7 X
K03SD2J	15.0	0.15	K1128	304.136	186.582	23.186	11.954	0.04331	3.07231	5 X
K03SD8U	14.2	0.15	K1128	62.160	79.316	301.686	7.512	0.13007	3.40789	4 X
K03SF4E	14.7	0.15	K1128	54.566	283.636	153.584	26.640	0.20881	3.16268	6 X
K03SG1K	17.5	0.15	K1128	123.347	226.082	120.048	3.158	0.16370	2.16532	5 X
K03SH2A	17.3	0.15	K1128	56.226	353.874	355.018	3.744	0.14794	2.27548	3 X
K03SK3D	17.0	0.15	K1128	301.612	157.584	187.116	4.489	0.05912	2.55224	5 X
K03SK8L	15.8	0.15	K1128	110.462	97.364	258.634	3.795	0.16782	3.14241	6 X
K03SN0N	16.8	0.15	K1128	6.271	13.355	15.137	7.206	0.14013	2.31691	3 X
K03SN3A	15.8	0.15	K1128	118.236	203.554	160.512	10.544	0.13355	3.15394	5 X
K03SQ9Z	17.9	0.15	K1128	93.605	221.106	157.372	8.447	0.20937	2.19307	4 X
K03SS6T	15.0	0.15	K1128	269.640	176.460	34.665	16.669	0.03309	3.13101	5 X
K03SU4A	18.6	0.15	K1128	135.741	135.780	212.280	2.073	0.17811	2.15513	5 X
K03SV3V	15.3	0.15	K1128	234.366	220.786	40.801	10.068	0.02264	3.08196	6 X
K03SV8F	16.8	0.15	K1128	6.274	203.158	310.055	3.540	0.02402	2.95279	5 X
K03SW2R	17.1	0.15	K1128	58.003	289.184	90.105	3.591	0.17810	2.24548	3 X
K03SW4D	18.5	0.15	K1128	122.417	172.983	173.733	2.880	0.18551	2.17941	4 S
K03Sd0Q	15.6	0.15	K1128	305.996	137.035	43.155	9.906	0.03624	3.16096	4 X
K03Sd7R	16.2	0.15	K1128	315.262	50.789	138.532	11.095	0.09180	3.13626	3 X
K03Sf1E	16.8	0.15	K1128	197.770	99.747	208.174	2.350	0.08566	2.98608	5 X
K03Sh0T	15.5	0.15	K1128	291.752	221.149	343.667	8.954	0.04063	3.16609	6 X
K03T16M	14.6	0.15	K1128	98.092	19.470	20.489	17.113	0.10917	3.17231	4 X
K03T19Z	15.6	0.15	K1128	5.105	193.329	319.771	9.073	0.06703	3.07971	6 X
K03T37U	17.6	0.15	K1128	92.698	76.201	266.047	5.931	0.13513	2.24486	4 X
K03T47N	15.9	0.15	K1128	93.686	106.187	285.677	8.525	0.09508	3.12594	5 X
K03T55R	15.8	0.15	K1128	254.312	109.642	157.745	10.735	0.08044	2.99528	6 X
K03U43Z	16.7	0.15	K1128	194.222	51.340	280.732	0.409	0.05424	2.98880	6 X
K03U61U	15.5	0.15	K1128	150.772	215.265	153.401	9.168	0.12279	3.01488	4 X
K03U78N	15.5	0.15	K1128	121.651	89.357	277.869	8.553	0.06702	3.12509	5 X
K03U82F	15.9	0.15	K1128	64.858	261.208	193.879	24.907	0.29483	3.14185	4 X
K03UC9P	15.3	0.15	K1128	115.039	56.139	331.858	9.310	0.12418	3.15650	6 X
K03UD1V	16.4	0.15	K1128	120.114	99.234	252.896	6.317	0.20798	2.19456	5 X
K03UD3N	15.9	0.15	K1128	102.494	231.091	166.186	10.635	0.21737	3.17078	4 X
K03UD9F	14.7	0.15	K1128	123.929	253.909	102.934	10.137	0.08588	3.17229	5 X
K03UG0R	16.0	0.15	K1128	130.727	149.677	221.960	3.085	0.15623	3.13524	4 X
K03UH2M	16.6	0.15	K1128	88.497	241.566	83.519	5.648	0.22731	2.27837	3 X
K03UM5F	18.2	0.15	K1128	54.409	86.357	294.332	1.865	0.20056	2.27330	2 X
K03UM6S	15.5	0.15	K1128	173.808	44.440	300.921	2.825	0.06684	3.08953	5 X
K03UN2W	15.8	0.15	K1128	129.067	163.609	215.962	4.465	0.13320	3.10737	4 X
K03UN3S	15.7	0.15	K1128	126.591	34.650	27.310	8.409	0.08696	3.01309	5 X
K03UQ6Y	17.6	0.15	K1128	20.198	1.858	55.654	3.221	0.18311	2.30145	3 X
K03UR0G	16.4	0.15	K1128	47.612	93.882	324.175	20.562	0.30734	2.27345	3 X
K03UU2N	16.2	0.15	K1128	25.935	105.808	1.777	13.579	0.04860	3.16629	4 X
K03UU4C	16.1	0.15	K1128	167.835	48.215	304.796	3.258	0.12106	3.03230	6 X
K03UU9Y	14.7	0.15	K1128	213.431	309.670	337.966	11.375	0.14508	3.07094	5 X

K03UY1R	15.7	0.15	K1128	91.307	113.186	267.428	9.587	0.16391	3.13174	4 X
K03V08D	16.8	0.15	K1128	77.836	53.134	333.603	8.579	0.17132	2.23510	4 X
K03W05J	15.6	0.15	K1128	180.605	228.251	116.359	2.564	0.06954	3.04406	7 X
K03W18S	15.4	0.15	K1128	191.656	18.168	299.252	10.664	0.32735	3.04908	5 X
K03W25B	18.0	0.15	K1128	346.271	210.889	260.007	29.791	0.28819	1.78515	5 X
K03W26P	16.4	0.15	K1128	351.914	216.740	239.106	22.796	0.25328	2.33212	2 W
K03W34H	15.6	0.15	K1128	76.645	72.187	359.233	2.834	0.14429	3.23670	6 X
K03W43L	18.0	0.15	K1128	39.907	91.511	350.184	3.203	0.14396	2.22035	4 X
K03W96J	17.3	0.15	K1128	356.066	1.735	99.308	1.698	0.14114	2.29309	5 X
K03W81W	15.2	0.15	K1128	111.655	81.934	302.248	7.761	0.06556	3.16515	6 X
K03W85Y	17.2	0.15	K1128	92.200	76.590	288.071	4.595	0.25326	2.23449	3 X
K03W86J	17.4	0.15	K1128	21.173	53.871	56.266	6.731	0.08377	2.20801	5 X
K03W96Z	17.8	0.15	K1128	36.302	325.082	77.138	4.481	0.20552	2.29355	3 X
K03WA9C	16.9	0.15	K1128	56.638	343.384	354.824	4.096	0.22022	2.33858	2 X
K03WB5H	17.3	0.15	K1128	34.943	133.246	262.253	4.831	0.19844	2.31583	3 X
K03WB5P	17.9	0.15	K1128	110.317	78.617	291.978	4.136	0.20737	2.20338	3 X
K03WB6Y	17.0	0.15	K1128	7.741	18.292	33.393	7.036	0.20236	2.35684	3 X
K03WD5L	17.4	0.15	K1128	46.241	305.619	80.562	3.500	0.23053	2.30608	3 X
K03WE7R	17.6	0.15	K1128	133.991	173.910	173.263	5.612	0.18946	2.19689	5 X
K03WE7U	17.0	0.15	K1128	88.093	233.206	143.827	5.394	0.16959	2.24107	4 X
K03WF2N	15.8	0.15	K1128	238.541	129.039	254.766	13.525	0.16977	2.71643	5 X
K03WF6T	15.3	0.15	K1128	61.048	348.036	66.170	13.324	0.09386	3.33393	6 X
K03WG2H	17.6	0.15	K1128	79.245	225.447	165.630	5.668	0.21934	2.23802	4 X
K03WG8J	17.7	0.15	K1128	71.904	273.779	119.738	4.526	0.16749	2.23305	6 X
K03WJ0V	17.6	0.15	K1128	36.071	328.567	113.278	5.739	0.18974	2.24267	3 X
K03X25U	17.5	0.15	K1128	19.628	13.786	91.667	7.621	0.04415	2.23830	3 X
K03X29F	18.1	0.15	K1128	317.552	245.985	255.568	3.941	0.08186	2.29675	6 X
K03Y04M	17.3	0.15	K1128	44.994	147.207	279.753	5.755	0.22443	2.28328	4 X
K03Y08J	16.8	0.15	K1128	39.986	310.345	87.807	23.604	0.26348	2.30936	3 X
K03Y08V	16.8	0.15	K1128	78.575	275.442	107.652	5.981	0.29136	2.27067	4 X
K03Y13U	17.4	0.15	K1128	39.023	44.896	26.526	3.756	0.24796	2.29320	4 X
K03Y18Z	17.2	0.15	K1128	78.822	319.011	66.412	4.189	0.20376	2.24825	4 X
K03Y28L	17.0	0.15	K1128	69.968	338.186	82.638	8.844	0.15235	2.22411	7 X
K03Y36S	17.5	0.15	K1128	54.961	117.934	309.988	4.720	0.12797	2.27874	5 X
K03Y36U	17.8	0.15	K1128	9.402	11.661	70.656	3.408	0.14362	2.35044	2 X
K03Y44R	17.4	0.15	K1128	50.595	143.340	301.383	3.286	0.14386	2.26539	5 X
K03Y48N	17.2	0.15	K1128	44.397	341.363	76.573	2.672	0.19908	2.28052	5 X
K03Y55F	17.1	0.15	K1128	23.547	332.865	91.898	4.680	0.17090	2.31045	3 X
K03Y59A	17.2	0.15	K1128	36.486	290.027	100.786	3.330	0.22003	2.33129	4 X
K03Y69H	16.5	0.15	K1128	343.980	53.186	120.363	24.047	0.21161	2.27725	4 X
K03Y74D	17.6	0.15	K1128	22.681	63.316	44.467	2.982	0.09480	2.24573	4 X
K03YA2O	16.9	0.15	K1128	96.546	117.070	264.065	4.447	0.16553	2.26996	4 X
K03YB8A	16.6	0.15	K1128	8.211	11.737	100.035	24.911	0.19849	2.29835	2 X
K03YC6N	17.1	0.15	K1128	22.954	117.588	353.779	5.670	0.21377	2.26019	3 X
K03YC6U	16.2	0.15	K1128	96.486	306.382	64.878	11.608	0.17209	2.27114	6 X
K03YD1P	17.2	0.15	K1128	51.094	132.056	324.358	5.423	0.10646	2.22243	3 X
K03YE9X	15.1	0.15	K1128	167.130	6.213	20.071	10.732	0.06972	3.10578	7 X
K03YGM1	14.9	0.15	K1128	71.328	107.927	9.558	10.658	0.01889	3.14107	6 X
K04A02E	17.6	0.15	K1128	40.598	0.222	97.823	6.267	0.10949	2.26740	6 X
K04A04B	17.6	0.15	K1128	356.199	5.534	86.619	3.250	0.18674	2.36791	3 X
K04A10S	17.1	0.15	K1128	298.970	89.475	109.586	9.667	0.10955	2.29253	6 X
K04B12Q	18.3	0.15	K1128	23.206	164.606	294.966	2.287	0.16722	2.30296	4 X
K04B29L	17.3	0.15	K1128	11.532	107.371	19.691	2.018	0.15646	2.29771	5 X
K04B40W	17.4	0.15	K1128	351.335	198.733	298.588	1.362	0.15123	2.32098	3 X
K04B96L	16.8	0.15	K1128	87.066	80.959	299.861	4.561	0.19799	2.30982	6 X
K04B99V	17.2	0.15	K1128	314.064	99.717	91.425	3.605	0.18599	2.35965	5 X
K04BA6X	17.3	0.15	K1128	62.458	15.845	51.983	3.686	0.15801	2.28018	4 X
K04BA8H	16.9	0.15	K1128	327.519	130.109	43.624	4.493	0.08728	2.31239	5 X
K04BB1V	17.0	0.15	K1128	307.646	150.230	46.971	3.385	0.16326	2.32329	6 X
K04BB6J	16.9	0.15	K1128	334.730	34.319	96.808	7.706	0.15408	2.35897	2 X
K04BD2D	18.0	0.15	K1128	22.941	164.373	258.880	2.082	0.16663	2.36213	5 X
K04BF7Z	17.8	0.15	K1128	338.067	16.668	162.630	3.472	0.14615	2.28033	4 X
K04C00U	17.2	0.15	K1128	45.720	108.085	18.238	3.769	0.12271	2.23566	4 X
K04C23Q	17.1	0.15	K1128	109.129	63.781	333.697	8.151	0.12103	2.24731	5 X
K04C73N	17.0	0.15	K1128	21.653	120.729	348.723	5.473	0.11024	2.30649	4 X
K04C77F	17.5	0.15	K1128	42.216	283.674	144.513	4.217	0.17686	2.33780	4 X
K04C83V	17.1	0.15	K1128	64.038	85.159	326.392	8.369	0.10296	2.34638	6 X
K04C93R	16.1	0.15	K1128	146.704	284.158	286.634	8.874	0.14877	2.72519	5 X
K04C95S	17.0	0.15	K1128	329.493	218.412	6.122	3.959	0.19534	2.27210	5 X
K04CA0E	17.2	0.15	K1128	335.152	112.272	72.389	3.196	0.15380	2.31344	5 X
K04CA4Z	16.2	0.15	K1128	270.770	254.556	336.327	7.283	0.07911	2.36747	5 X
K04CA9Y	16.8	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
K04D01E	16.8	0.15	K1128	17.525	142.371	301.442	7.712	0.20214	2.36037	5 X
K04D02T	17.6	0.15	K1128	322.652	131.598	61.848	2.709	0.18120	2.30651	4 X
K04D10Z	16.9	0.15	K1128	336.244	70.899	118.958	3.679	0.14117	2.29966	4 X
K04D11J	17.1	0.15	K1128	358.361	165.944	328.259	5.222	0.13164	2.33895	5 X
K04D26H	16.5	0.15	K1128	283.323	153.594	91.756	2.974	0.20125	2.30474	6 X
K04D51E	17.2	0.15	K1128	23.812	345.203	144.770	7.338	0.07714	2.30894	7 X
K04E06T	17.6	0.15	K1128	252.520	60.819	191.202	4.976	0.10439	2.37785	6 X
K04E07U	16.8	0.15	K1128	341.227	153.948	17.387	10.081	0.13352	2.34214	3 X
K04E10C	16.7	0.15	K1128	313.283	203.810	341.675	6.248	0.05701	2.35623	5 X

K04E19P	17.5	0.15	K1128	0.307	146.825	349.234	4.574	0.12952	2.34097	5 X
K04E23K	17.1	0.15	K1128	325.506	6.090	120.920	2.448	0.14360	2.45035	6 X
K04E40L	17.9	0.15	K1128	285.699	48.756	174.570	2.767	0.20720	2.37706	4 S
K04E43X	17.7	0.15	K1128	329.185	36.996	157.836	4.893	0.17029	2.32383	3 X
K04E46W	18.4	0.15	K1128	15.827	322.271	142.660	1.845	0.14234	2.36974	2 X
K04E62A	17.4	0.15	K1128	258.595	68.818	192.043	1.680	0.23253	2.37787	6 X
K04E68A	16.9	0.15	K1128	282.444	286.228	303.981	4.348	0.19177	2.34931	4 X
K04E72F	17.8	0.15	K1128	2.789	156.595	21.416	1.967	0.18397	2.26966	4 X
K04E73G	17.0	0.15	K1128	340.461	169.320	343.881	4.076	0.15552	2.37196	5 X
K04E84G	17.2	0.15	K1128	339.833	31.793	176.931	5.767	0.12536	2.26825	5 X
K04E94F	17.4	0.15	K1128	350.422	68.319	86.202	2.607	0.13158	2.35091	5 X
K04F25U	16.3	0.15	K1128	27.607	140.143	8.074	5.039	0.18236	2.28936	6 X
K04F41D	16.9	0.15	K1128	29.956	325.855	186.072	7.016	0.06804	2.27566	5 X
K04F47Q	17.1	0.15	K1128	296.317	32.725	183.193	4.689	0.17177	2.32646	6 X
K04F48P	17.6	0.15	K1128	3.719	316.950	171.853	4.497	0.12407	2.35445	7 X
K04F62P	16.7	0.15	K1128	309.827	48.769	164.544	5.663	0.07792	2.33548	5 X
K04F66E	16.2	0.15	K1128	268.575	253.736	339.236	22.607	0.18879	2.33689	3 X
K04F67X	17.1	0.15	K1128	271.580	129.749	108.933	4.501	0.25445	2.42223	4 X
K04F69P	17.4	0.15	K1128	28.185	51.765	47.413	2.923	0.16515	2.38530	6 X
K04F80U	16.3	0.15	K1128	305.963	115.722	99.840	5.480	0.24110	2.36324	6 X
K04F80W	17.5	0.15	K1128	314.388	104.536	106.650	6.002	0.19889	2.34854	4 X
K04F86V	16.9	0.15	K1128	13.429	76.046	54.334	8.732	0.05558	2.33763	5 X
K04FB5U	16.3	0.15	K1128	303.225	158.371	61.381	6.889	0.23054	2.35611	4 X
K04FC5T	17.4	0.15	K1128	289.963	56.838	183.721	1.967	0.17950	2.35033	4 X
K04FE1O	16.7	0.15	K1128	8.283	165.789	9.720	5.709	0.17229	2.28555	4 X
K04FE3K	16.5	0.15	K1128	71.598	40.792	352.191	14.577	0.10385	2.43717	5 X
K04G04P	17.6	0.15	K1128	12.615	99.975	18.282	2.398	0.13952	2.38998	4 X
K04G20C	16.9	0.15	K1128	335.171	317.056	230.903	1.861	0.16310	2.34953	4 X
K04G27T	16.6	0.15	K1128	246.989	108.773	156.037	12.910	0.22169	2.45752	6 X
K04G31Z	16.7	0.15	K1128	357.193	74.977	77.251	4.996	0.05703	2.36968	7 X
K04G40P	17.3	0.15	K1128	7.749	63.423	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
K04G58Y	17.1	0.15	K1128	249.592	125.946	124.206	2.970	0.17232	2.43038	5 X
K04G74Q	17.3	0.15	K1128	3.066	56.285	86.139	6.417	0.25567	2.32859	5 X
K04H18S	17.3	0.15	K1128	347.792	212.823	320.025	3.945	0.17271	2.34699	5 X
K04H28N	16.4	0.15	K1128	308.507	96.391	89.419	6.639	0.13287	2.44205	5 X
K04J04K	17.5	0.15	K1128	277.438	71.625	173.140	1.714	0.22545	2.41715	5 X
K04J13W	16.6	0.15	K1128	2.585	89.786	57.484	2.200	0.12748	2.38929	6 X
K04J14Q	16.6	0.15	K1128	311.416	119.360	86.289	5.853	0.20408	2.40208	4 X
K04L20Z	17.0	0.15	K1128	123.920	201.707	156.520	9.625	0.13364	2.59205	7 X
K04N07Z	16.2	0.15	K1128	223.506	337.180	296.219	12.808	0.23981	2.60602	4 X
K04P19T	15.7	0.15	K1128	163.521	191.318	164.343	12.649	0.19235	2.70086	7 X
K04P21K	17.0	0.15	K1128	335.399	188.143	344.523	20.943	0.04496	1.89662	5 X
K04P36Q	16.0	0.15	K1128	109.532	201.782	178.278	8.851	0.30633	2.79187	4 X
K04P40F	15.9	0.15	K1128	230.222	142.814	161.253	14.382	0.20671	2.57551	6 X
K04P60O	16.0	0.15	K1128	225.396	336.335	320.910	13.093	0.16080	2.59642	5 X
K04P64M	17.2	0.15	K1128	110.644	19.315	339.263	18.192	0.09983	1.97148	4 X
K04P79B	16.3	0.15	K1128	198.548	35.998	263.887	5.674	0.20769	2.65749	4 X
K04P86Z	16.2	0.15	K1128	191.190	144.890	154.907	12.195	0.04683	2.68702	4 X
K04P88Z	15.5	0.15	K1128	173.996	353.418	354.375	13.975	0.21463	2.68878	6 X
K04P91D	16.0	0.15	K1128	256.466	324.397	305.143	6.465	0.12625	2.58258	6 X
K04PA5O	15.2	0.15	K1128	68.282	94.273	247.058	15.655	0.21143	3.08153	3 X
K04Q18E	16.3	0.15	K1128	132.985	197.484	152.005	9.239	0.13481	2.75407	3 X
K04Q28G	16.9	0.15	K1128	58.554	228.083	199.803	5.450	0.05135	2.77175	6 X
K04R04B	15.9	0.15	K1128	107.786	4.945	6.701	12.266	0.14721	2.80331	4 X
K04R18V	16.7	0.15	K1128	251.849	111.627	165.140	7.501	0.08332	2.59741	7 X
K04R19O	16.1	0.15	K1128	179.311	165.975	155.965	5.960	0.05535	2.70788	5 X
K04R24Q	15.6	0.15	K1128	111.881	110.967	270.912	3.266	0.08069	2.80705	4 X
K04R25H	16.9	0.15	K1128	182.737	97.058	231.940	1.860	0.14430	2.65327	7 X
K04R48B	16.3	0.15	K1128	203.420	145.018	160.571	4.352	0.15374	2.66569	7 X
K04R52D	16.1	0.15	K1128	140.234	212.946	160.614	11.282	0.15553	2.71714	6 X
K04R56Y	16.7	0.15	K1128	138.041	68.933	267.928	3.051	0.11090	2.81102	4 X
K04R69H	16.1	0.15	K1128	212.965	152.444	166.334	11.527	0.15062	2.62738	4 X
K04RA5E	15.7	0.15	K1128	151.036	31.045	323.763	12.321	0.13428	2.75409	3 X
K04RA8H	16.4	0.15	K1128	126.176	70.715	290.703	7.318	0.16966	2.79152	4 X
K04RF9T	15.5	0.15	K1128	186.085	343.551	331.878	15.387	0.22965	2.71708	3 X
K04RG0W	16.6	0.15	K1128	196.565	107.492	191.419	3.417	0.07835	2.73486	5 X
K04RN4P	17.1	0.15	K1128	63.732	282.309	161.761	14.772	0.10960	2.69949	5 X
K04RP1C	15.8	0.15	K1128	191.312	15.139	289.152	5.423	0.04768	2.77405	5 X
K04RP9X	17.4	0.15	K1128	267.405	53.304	181.578	5.015	0.05428	2.71617	3 X
K04RR9X	16.7	0.15	K1128	3.745	222.526	192.499	3.655	0.36267	3.26530	3 X
K04RS2J	16.6	0.15	K1128	41.774	192.953	183.383	0.914	0.17603	3.12826	4 X
K04S05E	15.3	0.15	K1128	57.191	59.108	281.884	4.516	0.12126	3.20131	4 X
K04S21S	15.8	0.15	K1128	39.614	107.709	334.120	8.117	0.12139	2.81103	6 X
K04S23C	16.2	0.15	K1128	142.399	42.549	329.125	1.022	0.14429	2.77354	5 X
K04S42H	16.6	0.15	K1128	137.235	120.345	252.624	3.672	0.12062	2.72416	6 X
K04S42T	15.1	0.15	K1128	348.233	235.360	199.069	8.590	0.10363	3.15552	6 X
K04S50X	16.7	0.15	K1128	86.417	175.056	200.619	6.053	0.28673	2.97718	3 X
K04S56S	15.7	0.15	K1128	203.947	275.178	17.535	5.328	0.10253	2.73897	4 X
K04S61W	16.3	0.15	K1128	175.910	342.712	1.303	5.039	0.05433	2.76523	7 X
K04T01G	15.8	0.15	K1128	138.161	172.275	186.915	4.748	0.08483	2.78774	4 X
K04T11D	15.3	0.15	K1128	82.441	83.464	261.263	22.306	0.16276	3.08799	4 X

K04T12L	16.3	0.15	K1128	240.034	323.925	329.703	12.074	0.16101	2.61519	4 X
K04T17N	15.8	0.15	K1128	13.834	143.793	332.472	5.297	0.04234	2.92503	7 X
K04T18R	15.7	0.15	K1128	52.193	240.852	170.328	9.002	0.25103	3.04762	6 X
K04T32E	15.8	0.15	K1128	86.730	104.445	228.071	7.207	0.05775	3.19047	5 X
K04T50J	16.0	0.15	K1128	232.544	293.416	8.983	6.265	0.12373	2.71297	4 X
K04T61W	15.6	0.15	K1128	213.302	268.509	23.157	12.636	0.14030	2.70920	7 X
K04T78K	15.1	0.15	K1128	76.052	76.772	264.094	14.462	0.24523	3.13523	3 X
K04T85W	16.7	0.15	K1128	181.586	129.230	191.741	4.277	0.06726	2.77107	4 X
K04TB5A	16.0	0.15	K1128	172.924	180.828	139.078	18.263	0.24391	2.72498	4 X
K04TC5Q	16.5	0.15	K1128	105.725	187.278	188.711	4.406	0.13913	2.87303	6 X
K04TE1C	17.2	0.15	K1128	224.532	87.864	195.230	2.305	0.16683	2.69860	6 X
K04TE5H	15.6	0.15	K1128	10.561	102.107	0.028	11.914	0.10554	2.96719	5 X
K04TF1Y	16.5	0.15	K1128	123.603	69.048	296.464	0.977	0.08010	2.86376	7 X
K04TF7G	16.6	0.15	K1128	43.744	15.980	52.357	2.335	0.18237	3.00477	6 X
K04TI0Y	16.8	0.15	K1128	259.228	79.943	178.178	5.320	0.20563	2.64079	6 X
K04TJ3Z	16.1	0.15	K1128	34.804	114.210	280.105	3.191	0.18326	3.19989	2 X
K04TL4G	16.6	0.15	K1128	188.683	109.518	184.552	1.657	0.06008	2.88840	6 X
K04TM5X	16.5	0.15	K1128	106.244	232.188	176.061	4.397	0.07126	2.76005	6 X
K04TP3B	17.2	0.15	K1128	137.537	83.317	248.028	0.466	0.18000	2.88292	3 X
K04TR9F	15.8	0.15	K1128	6.642	11.336	65.990	6.082	0.12092	3.21456	6 X
K04TS1N	16.1	0.15	K1128	53.356	74.234	10.024	4.865	0.09152	2.89899	6 X
K04TS5T	14.9	0.15	K1128	75.222	28.883	14.570	12.879	0.11480	3.01754	4 X
K04TW6C	16.0	0.15	K1128	22.661	104.672	338.201	13.300	0.14579	3.03648	5 X
K04TX4L	16.3	0.15	K1128	131.492	18.387	353.988	5.888	0.03336	2.72564	5 X
K04TX7M	16.5	0.15	K1128	185.841	112.005	198.534	4.257	0.07276	2.78697	4 X
K04TZ9Q	16.1	0.15	K1128	166.519	8.959	345.558	7.073	0.06123	2.72049	5 X
K04V24K	16.4	0.15	K1128	77.590	257.000	142.384	14.989	0.15259	3.01873	4 X
K04V28V	15.5	0.15	K1128	2.402	2.791	70.374	7.260	0.10541	3.24785	3 X
K04V29T	15.6	0.15	K1128	353.339	64.053	61.104	10.850	0.16073	3.09235	5 X
K04V54Y	15.4	0.15	K1128	122.651	201.604	157.067	11.180	0.10472	2.96511	6 X
K04V57C	15.0	0.15	K1128	7.944	318.590	113.319	15.671	0.25309	3.20187	5 X
K04V70J	15.6	0.15	K1128	96.060	178.167	212.369	6.285	0.03392	2.99857	6 X
K04X00V	15.8	0.15	K1128	50.143	45.208	11.767	11.174	0.12778	3.07130	4 X
K04X14T	16.3	0.15	K1128	69.122	13.639	35.585	10.515	0.01436	3.06471	5 X
K04X19O	15.1	0.15	K1128	28.257	13.093	82.259	22.859	0.09662	3.11281	6 X
K04X20S	15.6	0.15	K1128	113.398	140.065	232.434	1.972	0.29440	2.98155	6 X
K04X25B	15.5	0.15	K1128	58.251	323.309	93.972	14.201	0.20708	3.12813	3 X
K04X34S	15.4	0.15	K1128	324.442	105.739	86.707	12.022	0.13685	3.12345	6 X
K04X40E	15.1	0.15	K1128	20.556	4.704	84.905	10.255	0.17373	3.16865	3 X
K04X42A	15.4	0.15	K1128	75.442	320.338	83.471	5.957	0.13038	3.10553	5 X
K04X56S	16.2	0.15	K1128	98.438	76.691	283.462	12.334	0.32659	3.10085	4 X
K04X66Q	14.6	0.15	K1128	305.728	68.472	85.894	22.809	0.15131	3.37821	3 X
K04X67W	16.3	0.15	K1128	61.972	231.752	193.353	1.979	0.21877	3.11865	5 X
K04X75O	15.3	0.15	K1128	62.720	326.808	95.316	17.850	0.19596	3.14015	5 X
K04X79C	15.7	0.15	K1128	42.453	322.883	97.855	7.915	0.14354	3.19989	5 X
K04X79J	16.0	0.15	K1128	50.045	353.883	61.074	2.597	0.17189	3.15978	5 X
K04X82V	14.9	0.15	K1128	117.289	268.583	83.480	10.293	0.08984	3.16177	6 X
K04X92K	15.6	0.15	K1128	56.865	6.017	61.923	11.662	0.11696	3.08002	4 X
K04XA0L	15.1	0.15	K1128	25.141	352.764	109.186	13.531	0.08793	3.21058	6 X
K04XA1Y	15.5	0.15	K1128	61.320	68.146	357.762	15.839	0.23689	3.09260	5 X
K04XE7C	15.6	0.15	K1128	71.390	88.639	316.602	11.697	0.31657	3.06500	4 X
K04XH9S	15.6	0.15	K1128	36.157	341.900	98.087	10.019	0.09596	3.18124	4 X
K04Y00W	15.3	0.15	K1128	356.119	189.529	319.475	24.456	0.46600	3.23324	4 X
K04Y06B	15.6	0.15	K1128	133.797	61.778	294.732	9.338	0.07852	3.16779	4 X
K04Y32Q	15.1	0.15	K1128	11.144	176.338	327.453	10.241	0.11956	3.16925	7 X
K04Y33Y	15.5	0.15	K1128	22.552	9.127	98.016	15.895	0.29164	3.11201	3 X
K05A14Q	15.0	0.15	K1128	104.371	283.111	117.676	12.777	0.09910	3.12471	8 X
K05A32N	15.6	0.15	K1128	38.841	338.156	109.275	6.325	0.15504	3.20758	5 X
K05A64C	15.1	0.15	K1128	271.939	129.477	122.840	13.008	0.10816	3.12669	7 X
K05B14B	16.4	0.15	K1128	77.065	275.166	86.163	7.089	0.04276	2.17269	6 X
K05B18A	14.8	0.15	K1128	301.122	278.422	308.571	9.825	0.18330	3.19429	7 X
K05B19E	15.1	0.15	K1128	38.446	132.684	312.066	26.880	0.21590	3.21986	5 X
K05C09X	18.4	0.15	K1128	345.136	24.676	81.188	3.144	0.12687	2.17278	4 X
K05C44O	15.0	0.15	K1128	233.193	328.312	333.011	26.474	0.15062	3.20725	4 X
K05C46H	15.5	0.15	K1128	245.169	136.349	148.068	11.726	0.05848	3.21757	3 X
K05E09F	15.4	0.15	K1128	288.898	95.617	139.456	5.696	0.00991	3.14371	7 X
K05E43S	15.7	0.15	K1128	31.367	18.918	135.616	2.536	0.13351	3.14232	7 X
K05E80Z	15.5	0.15	K1128	2.750	190.089	344.363	22.286	0.14876	3.16059	4 X
K05E86R	15.1	0.15	K1128	42.111	39.543	100.001	17.220	0.17442	3.18438	4 X
K05EG3F	18.0	0.15	K1128	200.764	137.379	164.137	6.184	0.19185	2.17475	4 X
K05EK1X	15.4	0.15	K1128	11.100	115.982	65.757	20.021	0.12434	3.10567	4 X
K05EM6K	15.9	0.15	K1128	60.414	89.424	7.669	25.006	0.27763	3.14844	4 X
K05G50Q	17.2	0.15	K1128	238.495	216.864	84.287	2.001	0.21070	2.15537	6 X
K05G62H	15.8	0.15	K1128	254.476	320.658	341.701	9.836	0.02598	3.08529	4 X
K05G63A	15.4	0.15	K1128	291.207	96.955	183.193	5.068	0.13190	3.10637	7 X
K05GB9W	18.5	0.15	K1128	58.991	242.746	171.139	2.881	0.23313	1.64063	5 X
K05GE2B	17.9	0.15	K1128	267.527	294.345	290.938	2.235	0.07078	2.18906	5 X
K05GH0T	16.7	0.15	K1128	196.390	167.631	89.548	7.884	0.20151	2.34289	5 X
K05J48H	17.3	0.15	K1128	251.092	155.633	111.114	5.738	0.10252	2.19247	7 X
K05J54Z	17.5	0.15	K1128	249.486	101.345	131.157	5.378	0.06570	2.26561	6 X
K05L16L	17.2	0.15	K1128	185.678	44.459	265.323	5.833	0.14701	2.34954	6 X
K05L41R	17.0	0.15	K1128	145.121	61.904	282.148	3.678	0.25223	2.40749	6 X

K05L53U	17.0	0.15	K1128	50.461	151.193	279.691	4.262	0.04020	2.40427	6 X
K05M20L	17.2	0.15	K1128	287.353	316.040	283.685	2.860	0.09414	2.24580	5 X
K05M24F	17.9	0.15	K1128	311.283	105.658	128.820	4.154	0.28129	2.15480	3 X
K05M25P	16.9	0.15	K1128	88.944	256.151	136.622	6.867	0.13143	2.44457	6 S
K05M30B	17.4	0.15	K1128	237.278	8.005	258.460	5.049	0.09998	2.33128	6 X
K05M30G	17.5	0.15	K1128	122.185	207.509	154.985	7.265	0.12304	2.43721	4 X
K05M39S	17.5	0.15	K1128	190.988	152.051	141.563	5.634	0.10044	2.39937	6 X
K05M47P	17.5	0.15	K1128	155.042	145.217	193.400	2.572	0.20162	2.39227	6 X
K05N01X	16.9	0.15	K1128	266.638	140.261	122.157	24.866	0.20679	2.23769	5 X
K05N08P	18.0	0.15	K1128	255.317	18.608	240.177	2.731	0.12488	2.29508	4 X
K05N38C	17.8	0.15	K1128	246.069	63.667	205.499	0.706	0.21085	2.28098	7 X
K05N42D	16.9	0.15	K1128	260.957	94.807	137.523	7.494	0.08464	2.33376	6 X
K05N50S	17.7	0.15	K1128	95.721	111.860	256.624	3.089	0.30542	2.54740	4 X
K05N58H	17.7	0.15	K1128	267.566	342.996	257.787	5.476	0.11421	2.28757	5 X
K05N74J	17.8	0.15	K1128	257.380	119.440	121.273	4.074	0.14145	2.30626	6 X
K05N87X	17.1	0.15	K1128	217.809	158.848	113.299	4.228	0.12597	2.34675	5 X
K05NC4S	17.3	0.15	K1128	238.033	119.762	161.165	9.504	0.03293	2.31565	5 X
K05O08J	17.3	0.15	K1128	205.451	138.597	173.301	5.908	0.12528	2.30625	7 X
K05O14Z	17.4	0.15	K1128	225.491	290.721	7.645	5.345	0.27059	2.27061	6 X
K05O21R	16.6	0.15	K1128	162.586	9.420	344.822	6.568	0.14477	2.36781	4 X
K05O27X	17.3	0.15	K1128	216.878	84.093	204.984	3.529	0.23604	2.32620	6 X
K05P01A	16.4	0.15	K1128	115.151	37.770	353.770	8.556	0.13762	2.41301	4 X
K05P02B	17.0	0.15	K1128	229.405	140.848	139.673	24.423	0.19866	2.31766	4 X
K05P11A	17.4	0.15	K1128	275.088	125.430	132.137	6.353	0.10052	2.27237	6 X
K05Q05T	16.9	0.15	K1128	234.868	352.489	280.141	4.229	0.13204	2.32491	8 X
K05Q06P	16.8	0.15	K1128	117.076	54.270	333.697	3.850	0.19411	2.45518	4 X
K05Q12X	17.4	0.15	K1128	213.580	0.122	289.789	4.788	0.16873	2.36301	4 X
K05Q14G	16.8	0.15	K1128	154.931	182.000	148.051	16.803	0.13740	2.43073	4 X
K05Q46M	17.8	0.15	K1128	204.345	175.867	108.720	3.759	0.17557	2.42050	4 X
K05Q49D	17.2	0.15	K1128	239.054	121.931	156.186	7.332	0.27186	2.31031	7 X
K05Q67C	17.8	0.15	K1128	92.745	238.000	137.057	5.624	0.26255	2.58649	3 X
K05Q74E	13.7	0.15	K1128	269.827	126.429	194.128	9.361	0.25428	3.97162	4 X
K05Q81X	17.4	0.15	K1128	86.552	227.419	141.213	5.665	0.24027	2.60995	4 X
K05Q82E	17.1	0.15	K1128	123.996	24.374	359.724	4.484	0.13317	2.42130	4 X
K05Q88W	16.7	0.15	K1128	64.972	88.306	333.980	6.225	0.12686	2.46470	4 X
K05Q90Y	16.0	0.15	K1128	77.417	32.277	351.592	14.467	0.20379	2.62844	6 X
K05Q99P	17.3	0.15	K1128	189.919	26.719	281.582	3.487	0.20247	2.39701	4 X
K05QA1P	17.2	0.15	K1128	43.171	140.651	309.385	4.766	0.19337	2.52931	5 X
K05QC3C	16.5	0.15	K1128	335.467	183.156	338.817	6.138	0.09348	2.44516	6 X
K05QC5Z	17.9	0.15	K1128	171.449	160.234	158.995	8.538	0.13659	2.44126	3 X
K05QE7S	16.4	0.15	K1128	90.172	352.562	25.928	8.922	0.15057	2.54212	7 X
K05QE8Y	16.4	0.15	K1128	115.514	64.792	299.751	14.170	0.15581	2.53556	5 X
K05QF3Q	16.7	0.15	K1128	66.129	334.763	100.198	7.179	0.07457	2.47270	4 X
K05QF3U	16.3	0.15	K1128	40.213	27.596	48.062	9.442	0.09154	2.56873	5 X
K05QF9V	16.0	0.15	K1128	130.135	10.988	354.876	22.773	0.07428	2.44120	5 X
K05QG5S	16.2	0.15	K1128	80.750	353.698	21.556	14.453	0.19216	2.65768	6 X
K05QG6U	17.0	0.15	K1128	81.857	86.240	296.558	11.651	0.27659	2.58614	4 X
K05QH7T	16.2	0.15	K1128	90.304	57.216	273.826	4.483	0.12450	2.72281	5 X
K05S06Z	16.0	0.15	K1128	6.144	106.361	16.663	12.992	0.21837	2.67846	5 X
K05S12A	17.1	0.15	K1128	63.604	265.131	164.514	3.593	0.08058	2.56512	8 X
K05S13Q	17.1	0.15	K1128	95.195	191.374	185.823	5.072	0.20889	2.60712	3 X
K05S15Z	17.1	0.15	K1128	61.588	187.736	193.449	10.308	0.15159	2.71820	3 W
K05S23S	16.1	0.15	K1128	334.589	22.908	142.949	8.281	0.07551	2.47523	5 X
K05S26E	17.6	0.15	K1128	258.968	116.309	161.608	2.708	0.23995	2.29558	8 X
K05S30L	16.5	0.15	K1128	40.318	207.416	194.991	7.337	0.22269	2.75151	3 W
K05S44Q	17.4	0.15	K1128	37.585	229.005	233.164	3.211	0.19164	2.60244	5 X
K05S48L	17.7	0.15	K1128	220.549	72.391	209.108	6.220	0.17597	2.43991	7 X
K05S52G	16.4	0.15	K1128	6.611	76.354	33.683	7.712	0.09616	2.68405	3 X
K05S58L	17.1	0.15	K1128	109.113	51.947	312.959	3.096	0.21604	2.58528	4 X
K05S70N	16.5	0.15	K1128	67.110	274.619	82.948	5.168	0.22515	2.75194	3 X
K05SB0D	17.1	0.15	K1128	114.686	252.279	176.688	3.228	0.05616	2.39245	6 X
K05SD2J	16.1	0.15	K1128	48.499	54.370	16.567	13.900	0.07212	2.64937	6 X
K05SF6W	16.8	0.15	K1128	55.277	233.443	184.896	4.897	0.19401	2.66780	4 X
K05SG0V	17.1	0.15	K1128	67.711	98.317	229.100	1.159	0.06354	2.89610	5 X
K05SG4E	16.1	0.15	K1128	78.159	344.641	38.440	15.017	0.25902	2.68074	5 X
K05SG5U	16.2	0.15	K1128	57.960	277.759	104.018	4.390	0.09559	2.71811	5 X
K05SH0L	16.3	0.15	K1128	166.374	239.943	354.742	9.607	0.04421	2.89414	4 X
K05SJ8Z	17.7	0.15	K1128	230.429	85.251	201.472	1.684	0.20229	2.36767	6 X
K05SK0W	17.9	0.15	K1128	245.428	78.909	184.284	5.464	0.13060	2.42415	6 X
K05SL4T	16.3	0.15	K1128	58.106	84.551	327.825	11.887	0.25727	2.67165	3 X
K05SL6L	16.0	0.15	K1128	63.721	14.079	32.301	11.897	0.16611	2.67426	5 X
K05SL7J	15.9	0.15	K1128	37.456	47.977	29.092	14.369	0.18670	2.71935	5 X
K05SL8T	16.8	0.15	K1128	132.421	39.915	287.418	4.238	0.33347	2.59205	4 X
K05SM6N	17.9	0.15	K1128	230.139	318.144	307.328	0.754	0.16602	2.45145	6 X
K05SO3S	16.0	0.15	K1128	47.463	100.903	321.336	12.701	0.25436	2.65206	3 X
K05SO6B	18.0	0.15	K1128	118.997	154.571	199.107	0.343	0.10665	2.61323	4 X
K05SO8Z	17.6	0.15	K1128	133.273	39.832	300.800	0.770	0.10262	2.61310	5 X
K05SQ0G	17.5	0.15	K1128	212.998	53.064	237.942	2.879	0.21427	2.36909	4 X
K05SS4A	17.3	0.15	K1128	27.469	324.828	156.472	9.619	0.15853	2.55065	5 X
K05ST3N	17.2	0.15	K1128	155.461	1.534	321.402	5.600	0.03275	2.58327	5 X
K05T04X	17.3	0.15	K1128	351.935	19.693	173.825	2.536	0.16249	2.38830	6 X
K05T25F	17.0	0.15	K1128	9.182	77.277	34.667	9.046	0.19576	2.72275	4 X

K05T74Q	16.7	0.15	K1128	36.518	146.355	249.555	3.155	0.20809	2.77757	3 X
K05T98A	17.2	0.15	K1128	245.098	357.720	279.722	2.018	0.21468	2.40367	5 X
K05TC1Q	17.9	0.15	K1128	182.287	2.527	311.887	1.482	0.20569	2.44821	5 X
K05TD6E	17.7	0.15	K1128	45.109	281.179	168.587	4.743	0.17585	2.58544	4 X
K05TE5X	16.6	0.15	K1128	62.230	310.680	67.865	6.890	0.05378	2.76217	5 X
K05TG7P	16.6	0.15	K1128	300.029	230.953	27.809	7.547	0.07115	2.34206	7 X
K05TH4G	17.1	0.15	K1128	142.390	233.070	102.485	3.782	0.06964	2.60324	5 X
K05TJ7L	15.9	0.15	K1128	77.318	93.605	263.835	14.642	0.10775	2.74568	3 X
K05U20H	16.0	0.15	K1128	8.411	90.849	43.414	13.563	0.18401	2.64681	4 X
K05U21H	16.9	0.15	K1128	359.653	183.399	2.404	3.392	0.07624	2.42178	5 X
K05U34S	17.3	0.15	K1128	167.890	110.274	216.076	2.167	0.13840	2.56858	4 X
K05U50O	16.6	0.15	K1128	107.536	135.973	240.818	4.003	0.18746	2.60732	4 X
K05U54T	16.7	0.15	K1128	115.151	80.352	277.475	4.693	0.33622	2.60769	3 X
K05U57Z	16.5	0.15	K1128	91.958	26.789	340.121	1.143	0.21380	2.70786	6 X
K05U66Q	16.6	0.15	K1128	74.522	273.278	122.585	8.273	0.20120	2.66119	7 X
K05U67F	16.1	0.15	K1128	97.445	297.002	72.351	14.515	0.15352	2.67073	5 X
K05U82K	17.5	0.15	K1128	28.304	230.683	221.039	1.992	0.06798	2.65845	4 X
K05U86V	18.1	0.15	K1128	214.452	113.591	178.677	1.964	0.21379	2.45247	7 X
K05U98B	17.2	0.15	K1128	16.856	287.736	184.785	4.682	0.12402	2.68599	4 X
K05UA0P	17.6	0.15	K1128	113.493	226.615	153.729	4.007	0.02407	2.60805	3 X
K05UA6C	16.8	0.15	K1128	54.590	246.836	174.834	3.451	0.17591	2.72039	4 X
K05UB5V	17.0	0.15	K1128	79.636	55.644	329.755	7.045	0.13203	2.66470	5 X
K05UC6Q	17.4	0.15	K1128	12.484	85.328	45.812	3.945	0.15873	2.65200	6 X
K05UC7F	16.4	0.15	K1128	11.488	6.398	7.967	0.717	0.19190	3.09742	4 X
K05UC9V	16.7	0.15	K1128	212.585	51.760	236.847	4.049	0.12372	2.54098	6 X
K05UE1W	16.0	0.15	K1128	64.808	332.609	67.793	17.983	0.16784	2.72626	4 X
K05UF1C	16.6	0.15	K1128	312.339	106.402	17.031	1.978	0.01613	2.89927	4 X
K05UF3O	17.1	0.15	K1128	14.800	254.377	242.763	1.708	0.07065	2.59886	6 X
K05UF6C	15.4	0.15	K1128	85.769	244.776	85.652	14.421	0.27579	2.80167	5 X
K05UG3J	17.6	0.15	K1128	144.529	121.504	217.356	5.701	0.13371	2.58603	3 X
K05UI0Z	16.1	0.15	K1128	323.784	122.942	59.395	14.162	0.16799	2.66832	6 X
K05UI3W	17.2	0.15	K1128	150.405	125.216	217.625	1.991	0.05102	2.60329	4 X
K05UJ1E	16.2	0.15	K1128	37.813	45.533	43.228	15.210	0.07002	2.67254	6 X
K05UJ3N	17.5	0.15	K1128	173.638	260.980	43.574	3.459	0.08106	2.58218	5 X
K05UK2C	17.4	0.15	K1128	76.172	202.170	214.375	4.122	0.07318	2.63694	4 X
K05UM6B	16.4	0.15	K1128	56.006	323.565	49.030	2.601	0.08493	2.87752	5 X
K05UN4A	16.9	0.15	K1128	21.618	15.280	87.415	5.716	0.11149	2.70313	4 X
K05UO1B	16.9	0.15	K1128	69.156	266.061	125.139	4.274	0.20223	2.74259	6 X
K05UO3Q	15.9	0.15	K1128	75.097	341.729	44.024	18.125	0.24208	2.75184	3 X
K05UP2Q	16.8	0.15	K1128	44.100	105.678	314.573	3.054	0.19927	2.76255	6 X
K05UT3J	17.1	0.15	K1128	283.395	323.299	291.573	2.841	0.18010	2.42985	6 X
K05UT6H	17.0	0.15	K1128	112.907	116.982	240.843	2.456	0.11375	2.69035	5 X
K05UU8P	17.3	0.15	K1128	108.826	131.788	246.166	0.767	0.08737	2.65150	4 X
K05UV3R	16.5	0.15	K1128	90.065	271.842	94.868	11.381	0.26548	2.68308	3 W
K05UW7R	15.8	0.15	K1128	14.478	26.617	6.358	3.794	0.16569	3.05821	3 X
K05UW8H	17.3	0.15	K1128	34.097	99.746	42.249	2.049	0.13703	2.43244	5 X
K05UZ1K	16.1	0.15	K1128	22.721	80.372	12.697	13.225	0.09704	2.68473	5 X
K05UZ2V	16.5	0.15	K1128	14.931	116.353	12.026	11.885	0.14086	2.62367	4 X
K05UZ7Y	16.6	0.15	K1128	271.963	258.465	346.262	6.479	0.08559	2.41363	7 X
K05Ua1K	17.9	0.15	K1128	118.069	163.508	205.203	1.912	0.09224	2.59951	3 X
K05Ub3J	16.2	0.15	K1128	17.119	170.735	256.339	3.415	0.10833	2.88860	5 X
K05Ub4H	16.9	0.15	K1128	28.462	144.976	269.536	1.032	0.12413	2.87790	5 X
K05Uf3K	15.7	0.15	K1128	9.125	154.954	245.026	10.060	0.11590	3.00104	4 X
K05Ug0Y	16.2	0.15	K1128	39.489	7.227	70.667	4.954	0.07769	2.74138	4 X
K05Ug4E	17.6	0.15	K1128	193.064	45.722	258.050	0.154	0.05753	2.55838	4 X
K05Ug7L	15.8	0.15	K1128	117.409	320.914	38.824	12.697	0.09773	2.67579	5 X
K05UilX	16.7	0.15	K1128	111.858	61.554	297.971	10.846	0.27946	2.59615	4 X
K05Uj6G	16.7	0.15	K1128	137.064	159.740	179.936	4.795	0.26617	2.60132	4 X
K05Uk1A	16.9	0.15	K1128	168.124	24.909	287.581	1.682	0.09310	2.69177	4 X
K05U10U	16.8	0.15	K1128	15.667	72.014	25.497	7.532	0.19021	2.76700	5 X
K05Um3Y	16.8	0.15	K1128	42.840	297.535	152.355	6.754	0.09935	2.59503	5 X
K05Um5G	17.3	0.15	K1128	104.863	231.427	135.599	4.181	0.24046	2.61979	3 X
K05Um5T	15.4	0.15	K1128	20.147	207.681	152.257	12.542	0.12113	3.08549	5 X
K05V25N	16.6	0.15	K1128	34.799	169.328	293.095	3.572	0.17211	2.64333	5 X
K05V26F	16.6	0.15	K1128	343.890	231.097	225.755	3.973	0.11140	2.78021	5 X
K05V44R	16.0	0.15	K1128	23.024	42.286	50.939	13.679	0.08232	2.71235	5 X
K05V50J	16.3	0.15	K1128	68.224	271.695	145.904	3.686	0.08835	2.67609	6 X
K05V73K	15.8	0.15	K1128	18.011	37.398	71.795	14.449	0.16259	2.75203	4 X
K05V77F	16.5	0.15	K1128	46.443	135.015	322.561	7.848	0.15655	2.58442	5 X
K05V79E	17.7	0.15	K1128	274.330	303.947	277.890	1.503	0.11258	2.57241	5 X
K05V91A	15.4	0.15	K1128	350.987	32.304	18.574	16.710	0.28481	3.08504	5 X
K05V90M	15.8	0.15	K1128	28.553	342.305	36.058	10.952	0.12406	3.05897	5 X
K05V93L	16.4	0.15	K1128	322.938	97.825	79.938	15.055	0.14251	2.71490	5 X
K05V97A	17.3	0.15	K1128	109.504	142.895	254.154	2.550	0.09224	2.57514	3 X
K05VA7P	15.9	0.15	K1128	29.511	124.627	252.545	8.874	0.10821	3.01538	5 X
K05VB6T	15.9	0.15	K1128	340.007	178.404	262.565	6.211	0.15752	3.01635	2 X
K05VC5O	16.2	0.15	K1128	303.001	130.645	88.550	15.066	0.22169	2.64926	4 X
K05VC8H	17.0	0.15	K1128	32.220	308.550	163.781	3.859	0.17860	2.56293	6 X
K05W09M	16.7	0.15	K1128	265.163	3.705	244.166	2.911	0.17505	2.56588	7 X
K05W17M	15.7	0.15	K1128	242.740	178.108	67.975	15.262	0.07091	2.70204	5 X
K05W31J	17.3	0.15	K1128	59.000	151.210	283.868	3.709	0.08025	2.70515	4 X
K05W32E	15.7	0.15	K1128	281.631	83.405	70.324	18.675	0.01243	3.00387	2 X

K05W33Z	16.4	0.15	K1128	339.158	162.739	309.371	2.175	0.12528	2.96693	6 X
K05W39M	16.5	0.15	K1128	60.034	204.516	245.713	2.804	0.04856	2.63370	4 X
K05W43H	15.3	0.15	K1128	45.462	310.730	68.163	10.979	0.11325	2.99560	4 X
K05W49K	16.6	0.15	K1128	19.314	44.136	66.292	5.674	0.07743	2.74357	4 X
K05W64F	16.4	0.15	K1128	87.941	260.619	139.223	2.744	0.07061	2.67935	4 X
K05W74M	15.8	0.15	K1128	87.658	261.460	157.883	15.025	0.12762	2.62364	7 X
K05W79P	16.9	0.15	K1128	127.678	74.758	272.794	2.972	0.08279	2.76582	4 X
K05WA0T	16.9	0.15	K1128	96.519	334.407	65.582	2.796	0.09400	2.65862	6 X
K05WA0Z	16.2	0.15	K1128	355.965	66.955	78.182	8.995	0.25730	2.77152	4 X
K05WA3H	16.1	0.15	K1128	49.320	290.497	88.063	13.052	0.22691	2.87069	2 X
K05WA9T	16.4	0.15	K1128	313.665	119.012	77.445	5.346	0.19232	2.69669	4 X
K05WB1T	16.2	0.15	K1128	44.001	8.456	80.091	10.251	0.16686	2.71332	6 X
K05WB6W	16.1	0.15	K1128	172.941	222.534	91.601	6.899	0.04246	2.71840	5 X
K05WD0T	16.0	0.15	K1128	324.574	96.853	69.430	13.529	0.17270	2.77685	4 X
K05WGLM	17.0	0.15	K1128	168.107	107.044	218.172	1.615	0.15691	2.59824	4 X
K05WG6N	15.9	0.15	K1128	25.306	305.331	112.083	2.987	0.07209	3.03290	4 X
K05WH8H	16.3	0.15	K1128	329.760	35.688	87.884	11.486	0.09012	3.00781	2 X
K05WH9U	15.5	0.15	K1128	50.023	56.903	300.712	7.477	0.10681	3.00731	3 X
K05WI4T	16.7	0.15	K1128	318.036	29.990	165.306	7.997	0.02235	2.58653	5 X
K05WI9D	16.7	0.15	K1128	27.046	333.929	113.321	3.120	0.19870	2.80701	5 X
K05WJ5V	16.3	0.15	K1128	341.195	58.436	124.349	4.546	0.03467	2.78280	5 X
K05WJ6J	16.0	0.15	K1128	324.482	208.661	344.360	5.400	0.21427	3.03231	4 X
K05X02Z	15.7	0.15	K1128	105.466	52.877	306.724	12.084	0.15820	2.68134	4 X
K05X06T	16.8	0.15	K1128	192.447	64.591	246.902	4.784	0.11342	2.61635	5 X
K05X13B	15.9	0.15	K1128	287.714	82.784	116.084	4.613	0.03279	2.77916	5 X
K05X26A	16.8	0.15	K1128	60.368	319.080	50.310	2.610	0.12488	2.94019	5 X
K05X30F	16.4	0.15	K1128	224.590	61.664	217.133	5.785	0.19414	2.53657	3 X
K05X31K	16.8	0.15	K1128	154.629	202.481	159.926	3.118	0.13670	2.60114	5 X
K05X32L	16.4	0.15	K1128	346.670	251.794	257.352	3.795	0.01984	2.72297	4 X
K05X37H	16.4	0.15	K1128	39.829	326.560	48.859	1.548	0.23501	3.07908	2 X
K05X52N	16.7	0.15	K1128	124.611	47.064	338.616	3.730	0.14696	2.64027	6 X
K05X53J	17.0	0.15	K1128	196.304	13.356	306.419	2.839	0.05604	2.51988	4 X
K05X58E	17.6	0.15	K1128	28.419	207.198	254.495	3.817	0.07755	2.72617	3 X
K05X58Z	16.6	0.15	K1128	15.786	38.917	67.919	2.826	0.15063	2.79916	6 X
K05X82V	15.9	0.15	K1128	20.278	81.276	303.907	4.040	0.14367	3.13775	5 X
K05Y29F	17.0	0.15	K1128	285.470	301.579	313.335	3.298	0.16553	2.67449	4 X
K05Y34H	17.1	0.15	K1128	59.908	141.865	293.913	3.252	0.18197	2.78781	4 X
K05Y34Y	16.2	0.15	K1128	30.559	333.372	121.103	14.880	0.21390	2.86908	4 X
K05Y35A	15.8	0.15	K1128	308.576	277.977	284.623	7.261	0.09982	2.85722	8 X
K05Y35O	16.9	0.15	K1128	9.173	202.149	270.929	5.351	0.00636	2.86718	3 X
K05Y44W	15.9	0.15	K1128	195.666	171.095	117.002	10.910	0.08194	2.87996	4 X
K05Y48R	16.3	0.15	K1128	87.707	98.439	302.055	5.827	0.11712	2.84166	4 X
K05Y54C	16.6	0.15	K1128	268.960	337.129	281.889	3.583	0.10127	2.72372	5 X
K05Y80K	16.6	0.15	K1128	80.478	313.893	109.030	5.953	0.05240	2.76676	5 X
K05Y81D	16.3	0.15	K1128	24.679	205.889	258.415	0.971	0.02672	2.85360	7 X
K05Y95E	15.9	0.15	K1128	146.873	86.481	267.315	5.154	0.01681	2.79392	6 X
K05YA7H	17.5	0.15	K1128	76.087	128.110	270.897	0.930	0.06909	2.86610	4 X
K05YCOG	16.6	0.15	K1128	195.915	50.924	257.897	3.726	0.10676	2.75396	6 X
K05YCOM	15.2	0.15	K1128	287.438	241.265	277.096	8.025	0.02056	3.11779	5 X
K05YD5G	16.0	0.15	K1128	303.184	119.595	85.836	12.756	0.09923	2.78934	5 X
K05YE5T	14.9	0.15	K1128	342.841	16.752	77.170	10.867	0.09852	3.11558	5 X
K05YE8M	16.3	0.15	K1128	180.682	1.729	331.913	5.580	0.02684	2.74083	7 X
K05YF0O	16.7	0.15	K1128	22.191	344.126	73.586	4.549	0.22450	3.04041	2 X
K05YF6J	16.3	0.15	K1128	82.359	149.483	265.788	4.221	0.04511	2.78200	5 X
K05YF7C	17.2	0.15	K1128	224.189	67.529	206.150	2.146	0.01347	2.78676	8 X
K05YF8F	17.0	0.15	K1128	106.775	147.492	229.981	3.091	0.11231	2.80184	4 X
K05YF9Z	15.7	0.15	K1128	229.299	27.622	249.249	5.761	0.15328	2.77429	5 X
K05YG4B	15.5	0.15	K1128	251.814	333.580	296.233	12.041	0.26900	2.65238	7 X
K05YH0T	15.9	0.15	K1128	1.530	90.296	44.250	8.632	0.16019	2.86632	5 X
K05YJ6W	17.5	0.15	K1128	66.657	140.993	306.235	1.781	0.06272	2.72076	7 X
K05YK5C	16.5	0.15	K1128	340.944	206.986	297.329	15.733	0.05515	2.92596	2 X
K05YK7G	16.9	0.15	K1128	316.432	65.581	181.923	1.040	0.18846	2.62914	6 X
K05YK9E	15.5	0.15	K1128	16.245	38.762	89.262	16.039	0.09441	2.85084	4 X
K05YN6R	16.9	0.15	K1128	355.536	6.840	132.902	2.975	0.01241	2.84558	6 X
K05YR4X	15.9	0.15	K1128	37.902	322.994	145.837	8.537	0.18219	2.80242	4 X
K05YS1U	16.1	0.15	K1128	29.181	355.159	98.254	5.722	0.03097	2.77794	4 X
K06A07Q	16.7	0.15	K1128	25.542	344.777	98.429	25.488	0.07269	1.89479	6 X
K06A13L	16.6	0.15	K1128	207.113	272.513	54.603	0.232	0.23718	2.48482	4 X
K06A26Q	15.7	0.15	K1128	302.195	110.334	98.580	4.817	0.03531	2.77778	6 X
K06A29E	15.2	0.15	K1128	282.698	253.974	316.990	12.059	0.08774	3.01002	5 X
K06A31R	16.2	0.15	K1128	358.589	109.717	39.470	7.625	0.13249	2.80342	4 X
K06A39O	17.1	0.15	K1128	115.689	77.153	319.531	2.580	0.09214	2.71983	5 X
K06A41L	17.0	0.15	K1128	284.524	273.694	324.527	3.405	0.01807	2.76934	6 X
K06A57K	15.7	0.15	K1128	223.450	359.185	283.963	7.465	0.06502	2.80021	7 X
K06A58U	16.6	0.15	K1128	85.462	284.749	103.802	3.298	0.06650	2.90814	4 X
K06AA1J	16.6	0.15	K1128	83.882	292.067	139.849	6.777	0.04385	2.76736	3 X
K06AA2A	15.7	0.15	K1128	91.166	226.282	146.556	5.601	0.15925	3.08317	6 X
K06AA5B	16.1	0.15	K1128	310.499	36.742	153.546	10.017	0.05650	3.07461	5 X
K06B01H	15.9	0.15	K1128	351.774	216.191	311.938	6.010	0.08093	2.81349	5 X
K06B21N	16.2	0.15	K1128	170.699	215.651	135.401	6.674	0.04815	2.76992	6 X
K06B30W	15.9	0.15	K1128	351.726	153.105	338.615	6.120	0.13558	2.99784	4 X
K06B34B	16.1	0.15	K1128	345.927	206.701	334.131	9.576	0.20329	2.91373	5 X

K06B38V	16.6	0.15	K1128	53.466	318.189	97.319	9.499	0.17800	2.77415	3 S
K06B40K	16.3	0.15	K1128	291.832	354.543	222.969	3.445	0.12960	2.99545	6 X
K06B43R	15.7	0.15	K1128	26.895	130.700	319.254	12.258	0.13098	3.02438	5 X
K06B43S	15.9	0.15	K1128	314.450	216.599	325.473	8.279	0.20299	3.05408	4 X
K06B58Z	15.3	0.15	K1128	48.603	90.900	353.309	8.335	0.06494	2.98598	5 X
K06B59T	15.7	0.15	K1128	149.707	32.430	330.187	4.753	0.05303	2.81937	6 X
K06B67F	16.5	0.15	K1128	151.861	201.995	122.343	11.610	0.10728	3.01303	5 X
K06B71Y	16.2	0.15	K1128	57.192	343.765	74.000	4.241	0.13222	2.97434	5 X
K06B75M	15.7	0.15	K1128	131.296	217.586	118.036	12.352	0.19058	3.05716	4 X
K06B78W	16.2	0.15	K1128	7.610	21.658	56.645	1.574	0.16307	3.18564	4 X
K06B90V	16.6	0.15	K1128	352.952	30.700	116.406	13.693	0.20185	2.89311	3 X
K06B91P	16.3	0.15	K1128	134.576	73.564	278.140	1.330	0.12944	3.03311	8 X
K06B92V	16.5	0.15	K1128	92.028	124.415	299.049	1.048	0.05221	2.86991	8 X
K06BB0K	15.8	0.15	K1128	144.074	241.548	121.999	9.190	0.03301	2.86630	3 X
K06BB1D	16.8	0.15	K1128	228.962	239.893	62.295	2.890	0.07557	2.78074	4 X
K06BB1N	16.4	0.15	K1128	239.573	315.489	335.550	9.776	0.09121	2.79650	3 X
K06BC6Q	16.1	0.15	K1128	140.735	187.912	158.458	9.896	0.07941	3.06359	4 X
K06BE1P	15.9	0.15	K1128	73.498	89.607	326.935	7.937	0.04138	2.94924	6 X
K06BE7F	16.7	0.15	K1128	353.662	58.193	73.697	0.886	0.14806	3.02010	5 X
K06BF2B	16.6	0.15	K1128	94.128	341.290	65.689	2.935	0.06361	2.89393	4 X
K06BF7G	16.5	0.15	K1128	36.679	118.308	352.970	7.733	0.18221	2.89659	6 X
K06BG1M	16.0	0.15	K1128	196.120	22.628	296.950	5.354	0.06322	2.89903	6 X
K06BG9E	16.5	0.15	K1128	282.001	235.896	345.244	3.572	0.13981	3.08166	5 X
K06BH2V	16.6	0.15	K1128	200.530	44.358	274.148	3.687	0.06121	2.77593	5 X
K06BI3P	16.6	0.15	K1128	70.085	98.366	308.582	4.167	0.12973	3.03847	6 X
K06BI8D	15.4	0.15	K1128	66.785	24.749	7.167	9.131	0.15916	3.17880	4 X
K06BK0N	16.5	0.15	K1128	172.502	277.609	117.059	12.215	0.15178	2.52288	5 X
K06BK8L	15.8	0.15	K1128	301.449	352.803	213.749	3.409	0.13269	3.00719	7 X
K06BL2K	16.7	0.15	K1128	66.935	315.055	133.836	2.844	0.05174	2.90774	5 X
K06BP0K	15.9	0.15	K1128	0.321	162.505	330.425	8.364	0.14633	2.98399	4 X
K06BP1O	16.4	0.15	K1128	321.522	1.543	185.956	0.708	0.15400	2.97578	6 X
K06BP4L	15.9	0.15	K1128	186.626	342.122	312.394	4.029	0.11713	3.11736	5 X
K06BQ8Y	15.3	0.15	K1128	171.860	348.427	337.829	9.555	0.00995	2.91611	5 X
K06BR0V	15.6	0.15	K1128	5.681	137.155	307.647	13.057	0.29680	3.11582	4 X
K06BR4F	15.7	0.15	K1128	37.860	93.531	354.731	7.671	0.10579	2.99807	5 X
K06C09E	17.6	0.15	K1128	59.398	300.078	132.228	20.276	0.13820	1.81285	2 X
K06C24J	17.3	0.15	K1128	82.177	94.879	326.221	4.426	0.16446	2.78681	4 X
K06C56V	17.2	0.15	K1128	356.737	37.758	103.313	21.706	0.08829	1.87501	4 X
K06C59O	16.4	0.15	K1128	268.702	73.512	153.396	0.335	0.12802	3.13209	7 X
K06C67E	16.4	0.15	K1128	299.295	41.196	173.795	3.634	0.02128	2.93443	4 X
K06D03Z	15.7	0.15	K1128	328.698	194.113	347.137	9.659	0.02717	2.98999	4 X
K06D06G	15.1	0.15	K1128	273.455	112.936	118.671	12.452	0.07144	3.01600	2 X
K06D11D	15.4	0.15	K1128	29.492	0.595	91.289	5.026	0.15575	3.02301	5 X
K06D12J	16.0	0.15	K1128	296.924	137.251	60.589	0.258	0.12061	3.13468	7 X
K06D22F	16.5	0.15	K1128	293.274	252.925	12.562	5.124	0.08034	2.77197	5 X
K06D29Y	16.8	0.15	K1128	135.051	206.133	173.090	10.703	0.09551	2.98326	7 X
K06D30K	16.5	0.15	K1128	260.041	91.365	170.588	9.383	0.07993	3.00857	4 X
K06D31X	15.7	0.15	K1128	266.786	65.257	168.615	10.053	0.09862	3.13622	6 X
K06D49U	15.9	0.15	K1128	332.355	133.266	32.453	4.300	0.20658	3.03057	5 X
K06D64A	15.9	0.15	K1128	29.641	89.970	40.314	2.511	0.01341	2.89227	6 X
K06D69G	16.0	0.15	K1128	197.095	160.688	161.637	10.529	0.08858	3.00373	4 X
K06D71U	15.9	0.15	K1128	77.710	273.271	164.813	9.628	0.07347	2.97793	3 X
K06D73L	15.1	0.15	K1128	312.365	183.834	12.225	17.934	0.18637	3.16423	5 X
K06D81R	16.5	0.15	K1128	178.605	166.547	171.275	11.088	0.03731	2.98452	5 X
K06D82N	15.6	0.15	K1128	350.252	158.146	344.171	9.147	0.03848	3.11404	3 X
K06D90F	16.1	0.15	K1128	344.913	359.336	170.342	8.135	0.03008	3.02388	5 X
K06D99O	17.1	0.15	K1128	332.584	3.640	166.322	6.526	0.11322	2.99849	3 X
K06DA1S	16.5	0.15	K1128	248.012	219.182	60.718	2.903	0.05411	2.93879	6 X
K06DA3A	16.5	0.15	K1128	6.432	332.565	156.579	2.075	0.01201	3.08623	8 X
K06DA6L	15.3	0.15	K1128	220.275	137.498	165.437	9.112	0.10407	3.01220	4 X
K06DC4Z	16.8	0.15	K1128	91.287	231.554	177.478	3.994	0.09548	2.80847	6 X
K06DD7G	16.7	0.15	K1128	265.068	290.413	11.816	7.675	0.14934	2.75863	4 S
K06DF4Z	16.1	0.15	K1128	351.207	297.070	208.967	5.587	0.22854	3.05703	4 X
K06DF7E	16.0	0.15	K1128	229.807	118.078	153.116	9.779	0.09155	3.13010	5 X
K06DF8G	15.6	0.15	K1128	8.479	316.922	160.707	17.678	0.16533	3.07045	2 X
K06DF9X	16.4	0.15	K1128	287.398	57.305	150.974	3.032	0.10958	3.13558	5 X
K06DG5F	16.1	0.15	K1128	253.151	101.416	157.502	11.381	0.16363	3.12923	6 X
K06DH8F	16.1	0.15	K1128	346.564	8.272	150.763	7.991	0.11840	3.01521	5 X
K06DJ6N	15.6	0.15	K1128	297.173	179.217	34.207	12.433	0.12102	3.07001	6 X
K06DL2Z	16.7	0.15	K1128	12.517	339.815	164.184	5.406	0.10466	2.99423	5 X
K06DL5F	16.0	0.15	K1128	57.150	305.382	183.816	13.567	0.08242	2.79133	5 X
K06E31E	15.6	0.15	K1128	356.111	336.441	157.382	11.673	0.06131	3.12677	5 X
K06E34U	15.7	0.15	K1128	160.568	262.098	97.443	3.262	0.08766	3.01637	6 X
K06E40K	16.7	0.15	K1128	13.256	263.666	223.756	3.677	0.08638	3.04707	5 X
K06E41F	16.4	0.15	K1128	107.622	54.653	349.766	9.329	0.08693	3.01274	3 X
K06E42C	15.9	0.15	K1128	53.263	183.260	266.560	2.303	0.08495	3.04794	6 X
K06E60F	16.4	0.15	K1128	353.084	166.411	338.018	3.826	0.12552	3.09336	4 X
K06F15F	15.0	0.15	K1128	343.550	116.482	51.876	9.898	0.02022	3.02831	6 X
K06F26G	15.7	0.15	K1128	316.485	182.077	20.307	10.109	0.23600	3.11186	4 X
K06F46J	15.6	0.15	K1128	298.518	59.756	136.493	5.311	0.11656	3.20179	6 X
K06F48C	15.4	0.15	K1128	343.740	59.813	85.131	6.345	0.09716	3.11156	7 X
K06F48F	15.7	0.15	K1128	33.011	76.265	39.219	11.450	0.08150	2.97269	5 X

K06F49Q	15.0	0.15	K1128	304.941	124.281	94.143	17.710	0.18553	3.11919	5 X
K06G02K	15.9	0.15	K1128	303.397	194.325	28.535	14.987	0.17611	3.13757	3 X
K06G39L	15.3	0.15	K1128	314.777	122.143	76.226	14.964	0.23246	3.16246	4 X
K06G39T	14.6	0.15	K1128	332.268	103.486	58.819	18.275	0.09499	3.17952	5 X
K06G50V	14.7	0.15	K1128	322.753	104.210	67.521	18.178	0.04662	3.21048	4 X
K06G52A	15.0	0.15	K1128	270.451	310.096	327.310	15.416	0.26523	3.11908	5 X
K06H06X	14.8	0.15	K1128	8.040	357.511	123.430	29.634	0.13773	3.16622	3 X
K06H21B	15.6	0.15	K1128	11.713	52.119	78.622	5.150	0.08864	3.21514	6 X
K06H30O	15.8	0.15	K1128	339.614	64.095	119.773	8.500	0.33161	3.05695	2 X
K06H69M	17.7	0.15	K1128	69.228	130.993	146.995	1.781	0.17587	2.39203	5 X
K06HA4S	14.9	0.15	K1128	307.861	124.751	78.676	17.418	0.19071	3.18455	4 X
K06J29B	16.3	0.15	K1128	348.456	96.534	55.024	14.072	0.25687	3.17304	4 X
K06J52X	15.7	0.15	K1128	219.812	130.233	177.647	3.461	0.16866	3.19741	8 X
K06K18G	16.1	0.15	K1128	292.761	89.534	145.926	9.995	0.04172	3.15705	4 X
K06K22X	16.1	0.15	K1128	315.604	61.756	187.114	16.486	0.16894	3.06524	7 X
K06K57G	15.8	0.15	K1128	336.059	50.346	141.071	5.518	0.12503	3.20105	7 X
K06K87B	17.0	0.15	K1128	237.215	139.374	124.247	25.352	0.09365	1.97862	4 X
K06K99L	15.0	0.15	K1128	329.813	65.787	129.754	16.948	0.26633	3.16422	5 X
K06KB0F	14.9	0.15	K1128	21.625	81.423	31.081	13.194	0.18484	3.21343	4 X
K06M02A	15.9	0.15	K1128	324.106	54.824	179.525	9.966	0.05523	3.05500	6 X
K06P29N	17.4	0.15	K1128	273.425	285.296	327.996	18.048	0.08677	1.97715	5 X
K06Q04N	16.7	0.15	K1128	85.000	64.678	272.257	7.739	0.24224	2.36194	5 X
K06Q14V	17.8	0.15	K1128	83.360	61.778	242.564	0.651	0.17836	2.41068	6 X
K06Q17Q	16.8	0.15	K1128	64.568	301.824	66.519	3.687	0.18800	2.32532	5 X
K06Q20U	16.9	0.15	K1128	114.309	201.625	174.783	6.442	0.26425	2.20217	5 X
K06Q78H	17.5	0.15	K1128	56.626	247.257	128.158	1.924	0.19952	2.37900	7 X
K06Q92G	17.6	0.15	K1128	43.522	252.155	143.492	1.092	0.20633	2.32330	5 X
K06Q95N	17.2	0.15	K1128	80.631	256.759	98.676	4.683	0.15438	2.32324	5 X
K06Q99A	18.0	0.15	K1128	95.483	249.369	105.868	3.547	0.25135	2.29774	2 W
K06QA0X	17.3	0.15	K1128	108.657	69.210	308.740	6.869	0.15671	2.20581	4 X
K06QE2M	17.2	0.15	K1128	87.136	239.955	166.351	4.583	0.21346	2.23340	5 X
K06QI5K	17.6	0.15	K1128	36.943	269.051	172.070	5.793	0.20761	2.28485	3 X
K06R04B	16.9	0.15	K1128	36.651	83.247	352.647	8.454	0.13086	2.26630	3 X
K06R17Y	17.2	0.15	K1128	77.637	94.540	258.643	5.299	0.16940	2.38199	5 X
K06R30Z	17.3	0.15	K1128	105.756	108.661	258.478	3.220	0.20063	2.24276	3 X
K06R77S	17.8	0.15	K1128	104.434	227.250	144.934	2.266	0.18663	2.24109	3 X
K06S04Z	17.6	0.15	K1128	141.366	8.222	346.899	6.710	0.15972	2.16778	5 X
K06S07X	17.0	0.15	K1128	92.593	242.215	157.767	6.437	0.15650	2.22716	4 X
K06S21X	17.4	0.15	K1128	46.965	105.716	277.578	2.996	0.23118	2.41376	4 X
K06S33G	16.7	0.15	K1128	36.258	107.888	315.078	6.658	0.08561	2.30330	5 X
K06S60G	17.3	0.15	K1128	94.938	232.131	152.899	7.171	0.12289	2.24846	7 X
K06S61T	17.2	0.15	K1128	73.859	250.304	155.419	5.956	0.12369	2.27670	4 X
K06S81L	18.2	0.15	K1128	124.138	177.839	180.938	3.801	0.14701	2.21728	5 X
K06S99J	17.7	0.15	K1128	80.712	33.906	17.151	4.233	0.13474	2.24918	5 X
K06SB8S	17.4	0.15	K1128	31.179	58.947	23.747	3.873	0.23888	2.39138	5 X
K06SB9S	17.1	0.15	K1128	72.985	310.740	106.970	6.519	0.05406	2.21441	4 X
K06SD0K	17.4	0.15	K1128	101.455	250.231	149.842	3.551	0.17321	2.21377	8 X
K06SD4N	16.1	0.15	K1128	43.575	204.922	162.647	28.658	0.25465	2.39624	5 W
K06SD5L	16.8	0.15	K1128	46.166	141.753	247.914	6.063	0.06182	2.39105	4 X
K06SD6E	17.3	0.15	K1128	98.660	271.638	110.130	6.738	0.24906	2.22315	3 X
K06SF0T	18.1	0.15	K1128	43.851	196.413	226.296	1.197	0.20441	2.35240	3 X
K06SG0R	18.0	0.15	K1128	75.885	342.414	74.502	3.220	0.10877	2.24733	3 X
K06SG3Q	17.6	0.15	K1128	146.651	147.362	179.438	2.703	0.21384	2.22920	7 X
K06SI5L	18.4	0.15	K1128	53.521	89.237	348.994	4.589	0.13273	2.27118	5 X
K06SI5S	18.0	0.15	K1128	98.730	221.720	186.677	2.203	0.11219	2.20902	4 X
K06SJ2Q	17.8	0.15	K1128	335.743	43.732	85.003	3.041	0.14615	2.33651	3 X
K06SK1L	18.1	0.15	K1128	332.692	336.198	189.707	3.426	0.07615	2.23273	5 X
K06SP8Q	17.4	0.15	K1128	48.945	168.026	215.678	0.528	0.19590	2.43368	5 X
K06SR5P	17.6	0.15	K1128	64.233	203.721	225.624	1.961	0.06992	2.32425	5 X
K06SR9S	17.6	0.15	K1128	120.163	72.654	307.667	3.581	0.19168	2.20118	5 X
K06SS2H	17.5	0.15	K1128	62.137	358.689	48.861	3.196	0.14744	2.27662	6 X
K06SU3V	17.6	0.15	K1128	356.082	96.884	36.365	3.515	0.13830	2.26686	5 X
K06SX6C	17.8	0.15	K1128	32.352	305.190	105.287	3.961	0.14003	2.40834	3 X
K06SZ5X	17.5	0.15	K1128	134.855	193.728	154.479	4.626	0.16597	2.22951	4 X
K06SZ8V	18.1	0.15	K1128	159.578	185.634	134.885	3.105	0.17802	2.20768	6 X
K06Sd0G	17.5	0.15	K1128	116.849	225.391	118.835	9.555	0.25055	2.29983	3 X
K06Sd8D	17.5	0.15	K1128	14.095	67.572	53.330	8.199	0.04583	2.31342	4 X
K06T36J	16.5	0.15	K1128	3.596	94.500	32.166	10.525	0.13545	2.32690	5 X
K06T54Q	16.7	0.15	K1128	31.440	151.554	252.087	4.334	0.10771	2.47280	6 X
K06T56H	18.0	0.15	K1128	153.455	113.094	208.126	2.646	0.22947	2.25032	4 X
K06T66H	17.4	0.15	K1128	20.959	0.042	61.653	3.101	0.19963	2.42739	4 X
K06T66T	17.2	0.15	K1128	47.984	163.643	270.061	4.035	0.13928	2.28120	4 X
K06T71H	17.6	0.15	K1128	152.013	27.925	308.374	2.049	0.15965	2.19834	6 X
K06T72U	17.6	0.15	K1128	64.344	103.082	291.154	3.215	0.18330	2.36422	5 X
K06T85P	17.2	0.15	K1128	331.400	185.972	345.661	3.827	0.13560	2.27323	7 X
K06TA0X	17.4	0.15	K1128	55.056	138.130	301.310	1.979	0.17091	2.28851	4 X
K06TC9X	17.8	0.15	K1128	66.351	252.633	173.008	5.108	0.18955	2.31044	3 X
K06U09A	16.6	0.15	K1128	26.445	320.629	97.584	13.107	0.20648	2.59593	3 X
K06U12Y	17.3	0.15	K1128	356.682	55.927	50.192	3.369	0.09418	2.26582	6 X
K06U35O	17.8	0.15	K1128	27.449	226.969	254.208	2.113	0.10528	2.24398	5 X
K06U67R	16.8	0.15	K1128	5.805	77.576	65.979	6.503	0.07582	2.21223	6 X
K06U67W	17.2	0.15	K1128	99.722	222.128	138.079	4.231	0.22444	2.30929	6 X

K06U69S	17.6	0.15	K1128	42.192	280.539	162.530	4.507	0.12084	2.29928	5 X
K06U89S	17.5	0.15	K1128	25.437	79.613	17.291	2.842	0.13035	2.36256	5 X
K06U94L	16.9	0.15	K1128	102.526	252.314	81.845	3.996	0.11300	2.41482	5 X
K06UA3C	17.5	0.15	K1128	332.906	202.042	287.687	4.159	0.10248	2.32843	3 X
K06UD1A	17.9	0.15	K1128	32.114	201.306	240.225	2.122	0.16821	2.35902	4 X
K06UD2J	17.3	0.15	K1128	128.759	62.987	309.127	4.641	0.20576	2.19492	5 X
K06UD6O	17.0	0.15	K1128	358.555	101.842	319.686	3.010	0.19567	2.58689	3 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
K06UH7O	17.3	0.15	K1128	72.804	297.890	133.701	5.045	0.11391	2.22178	5 X
K06UI2C	17.3	0.15	K1128	126.185	240.970	136.418	5.400	0.19497	2.20845	6 X
K06UI2J	16.8	0.15	K1128	94.050	218.332	147.843	4.684	0.22608	2.34047	4 X
K06UI8M	17.8	0.15	K1128	38.498	119.192	307.149	8.969	0.25988	2.37771	3 X
K06UJ2D	16.9	0.15	K1128	68.177	82.359	283.331	5.206	0.14724	2.43551	5 X
K06UK1U	15.6	0.15	K1128	250.976	237.722	294.591	11.719	0.23640	3.03538	3 W
K06UL7O	15.2	0.15	K1128	337.820	248.019	245.878	28.177	0.32519	2.64508	3 X
K06UM5N	16.9	0.15	K1128	77.040	142.112	250.221	5.953	0.18649	2.31009	6 X
K06UM8M	17.5	0.15	K1128	157.608	66.947	264.601	5.664	0.18406	2.20839	4 X
K06US6N	17.5	0.15	K1128	285.777	168.815	46.976	7.861	0.03409	2.24106	4 X
K06UW7P	16.1	0.15	K1128	314.743	235.731	271.838	7.762	0.11411	2.63593	5 X
K06UW8C	18.5	0.15	K1128	31.233	241.571	225.236	1.225	0.15625	2.31155	3 X
K06UW9Y	17.6	0.15	K1128	38.656	270.201	195.330	2.982	0.13638	2.32285	6 X
K06UX1N	16.1	0.15	K1128	42.284	112.898	307.565	8.902	0.18479	2.40806	5 X
K06UX7B	17.1	0.15	K1128	190.936	20.860	221.769	5.084	0.16990	2.46421	5 X
K06V00K	17.6	0.15	K1128	24.252	73.629	27.335	3.449	0.15647	2.35168	4 X
K06V03Y	16.7	0.15	K1128	15.225	4.835	35.916	9.439	0.08145	2.59235	5 X
K06V04H	17.0	0.15	K1128	24.932	14.334	7.270	1.546	0.23770	2.58950	2 X
K06V27D	17.7	0.15	K1128	14.370	43.486	65.665	3.708	0.13793	2.37672	3 X
K06V27D	18.4	0.15	K1128	41.901	26.769	64.235	2.155	0.14975	2.33764	4 X
K06V29V	16.8	0.15	K1128	23.609	216.792	248.774	6.235	0.05510	2.35452	3 X
K06V42C	17.4	0.15	K1128	32.228	299.549	139.966	2.589	0.18383	2.41193	3 X
K06V45F	18.0	0.15	K1128	10.925	149.431	293.033	1.581	0.18837	2.43895	5 X
K06V49N	17.2	0.15	K1128	318.352	204.655	26.933	2.969	0.07931	2.15563	5 X
K06V50O	17.4	0.15	K1128	18.597	149.989	309.060	1.351	0.16788	2.43107	3 X
K06V51D	16.5	0.15	K1128	70.089	102.573	256.455	3.336	0.18079	2.53706	4 X
K06V55Z	17.5	0.15	K1128	82.255	196.183	204.483	2.465	0.11279	2.32897	5 X
K06V69F	16.7	0.15	K1128	65.930	102.577	247.485	7.585	0.18436	2.57839	2 X
K06V70P	17.2	0.15	K1128	22.783	29.980	73.989	2.303	0.14391	2.38549	3 X
K06V72Q	17.0	0.15	K1128	113.095	100.616	240.981	7.897	0.01165	2.46347	3 X
K06V75E	16.9	0.15	K1128	22.575	86.161	28.661	2.496	0.16295	2.38219	6 X
K06VA3X	17.6	0.15	K1128	57.959	259.731	151.693	2.421	0.24587	2.39869	4 X
K06VA5H	16.7	0.15	K1128	53.887	292.604	47.644	8.080	0.21662	2.61290	3 X
K06VA7E	16.5	0.15	K1128	356.208	130.866	293.285	3.359	0.13213	2.61601	5 X
K06VC3M	18.5	0.15	K1128	101.474	60.387	292.893	2.919	0.28504	2.35771	4 X
K06VD3J	17.5	0.15	K1128	20.152	15.227	82.518	4.139	0.13210	2.39500	4 X
K06VD4M	17.0	0.15	K1128	50.859	347.182	75.962	3.241	0.19876	2.39447	5 X
K06VE6M	16.9	0.15	K1128	185.313	174.514	154.603	4.958	0.19406	2.17582	5 X
K06VG8X	17.0	0.15	K1128	0.744	275.041	166.686	0.977	0.14089	2.57538	4 X
K06VHOB	17.4	0.15	K1128	348.999	88.556	71.674	3.647	0.11490	2.31843	4 X
K06W02M	17.0	0.15	K1128	163.641	82.061	240.457	6.413	0.17901	2.25193	4 X
K06W06T	16.9	0.15	K1128	24.397	358.726	96.425	6.122	0.05057	2.36982	3 X
K06W17J	16.6	0.15	K1128	56.814	336.530	66.280	14.199	0.19702	2.41084	5 X
K06W29O	16.1	0.15	K1128	69.107	254.097	116.709	28.351	0.36989	2.56853	3 X
K06W35D	18.1	0.15	K1128	342.156	354.730	148.380	4.309	0.03700	2.35765	5 X
K06W36F	16.9	0.15	K1128	263.537	157.758	83.783	10.605	0.07401	2.26743	5 X
K06W36P	18.0	0.15	K1128	347.425	4.709	160.085	3.839	0.09201	2.27513	6 X
K06W50P	16.3	0.15	K1128	114.667	236.542	78.703	15.813	0.15572	2.53570	2 X
K06W54J	16.5	0.15	K1128	48.369	70.621	298.420	2.022	0.23069	2.57347	4 X
K06W60A	17.3	0.15	K1128	132.672	212.752	163.309	4.421	0.14409	2.21828	4 X
K06W86Z	15.9	0.15	K1128	9.743	151.599	262.902	11.107	0.16611	2.62977	3 W
K06W92P	17.4	0.15	K1128	32.072	230.244	169.725	1.485	0.12702	2.53436	4 X
K06WA3U	17.7	0.15	K1128	66.870	343.950	72.017	3.107	0.21088	2.35495	4 X
K06WA7U	17.2	0.15	K1128	14.204	130.722	293.485	2.266	0.27866	2.54805	2 X
K06WB8E	17.5	0.15	K1128	59.651	152.509	267.598	1.589	0.20369	2.38476	3 S
K06WC0O	16.0	0.15	K1128	34.586	122.313	242.080	12.584	0.21113	2.64848	4 X
K06WC8K	18.2	0.15	K1128	75.364	131.399	297.711	1.610	0.07080	2.29192	7 X
K06WF9A	14.7	0.15	K1128	54.438	99.784	267.612	26.990	0.20599	2.57653	4 X
K06WG0C	17.4	0.15	K1128	12.717	1.580	98.486	6.167	0.23141	2.56148	2 X
K06WG7Y	18.2	0.15	K1128	353.430	71.232	83.090	3.091	0.15107	2.32975	3 X
K06WH0C	17.9	0.15	K1128	134.473	96.698	248.395	4.940	0.20072	2.30860	5 X
K06WH4E	17.8	0.15	K1128	23.208	273.595	204.269	2.028	0.16457	2.35700	4 X
K06WH5R	15.6	0.15	K1128	44.779	308.392	45.179	15.894	0.17678	2.65465	3 X
K06WJ0Y	17.6	0.15	K1128	15.138	25.823	48.037	1.235	0.14698	2.55363	2 X
K06WJ2W	17.5	0.15	K1128	38.330	199.259	187.140	0.879	0.18405	2.57329	2 X
K06WK2W	16.5	0.15	K1128	37.634	125.926	279.871	4.077	0.11492	2.67373	7 X
K06X00U	17.1	0.15	K1128	79.132	299.968	87.747	10.235	0.12860	2.41705	3 X
K06X04J	16.5	0.15	K1128	314.200	233.722	265.750	8.434	0.15085	2.57594	3 X
K06X06D	17.2	0.15	K1128	97.481	222.575	148.834	3.839	0.26082	2.33721	4 X
K06X11F	17.8	0.15	K1128	27.834	202.763	259.580	5.667	0.06450	2.32320	4 X
K06X12B	16.4	0.15	K1128	48.946	48.636	336.520	1.379	0.19489	2.54562	3 X
K06X15U	16.6	0.15	K1128	46.677	115.683	268.984	3.101	0.20821	2.57854	3 X
K06X16V	16.5	0.15	K1128	49.854	284.379	91.364	11.732	0.25515	2.60753	2 X

K06X17O	16.8	0.15	K1128	0.889	141.105	356.082	3.202	0.12864	2.45556	5 X
K06X27F	16.8	0.15	K1128	43.983	89.556	345.237	5.865	0.11537	2.47358	3 X
K06X36B	15.5	0.15	K1128	324.892	255.393	231.953	27.725	0.33458	2.62702	5 X
K06X53N	17.3	0.15	K1128	13.328	63.210	67.965	6.951	0.16343	2.40241	3 X
K06X53X	17.0	0.15	K1128	48.362	104.261	270.675	12.996	0.28230	2.54255	2 X
K06X57Y	15.9	0.15	K1128	14.972	352.344	80.678	15.543	0.03962	2.59986	2 X
K06X63V	16.2	0.15	K1128	300.630	80.345	80.523	9.090	0.09950	2.58827	4 X
K06X69Q	16.0	0.15	K1128	81.865	269.272	142.294	15.644	0.01544	2.62013	5 X
K06Y04B	16.3	0.15	K1128	340.625	192.824	330.376	5.409	0.13491	2.43483	5 X
K06Y06J	17.7	0.15	K1128	335.306	271.892	274.017	3.241	0.11425	2.31848	5 X
K06Y13A	16.9	0.15	K1128	344.552	39.024	85.832	5.140	0.25186	2.61338	3 X
K06Y14T	15.6	0.15	K1128	328.079	178.367	302.289	15.577	0.21152	2.55199	6 W
K06Y16O	17.3	0.15	K1128	327.927	103.612	71.080	2.198	0.12467	2.45779	6 X
K06Y17Q	16.5	0.15	K1128	19.597	144.914	304.415	11.653	0.20004	2.60752	2 X
K06Y18B	16.8	0.15	K1128	40.314	341.317	93.333	6.190	0.20136	2.46348	4 X
K06Y20L	17.4	0.15	K1128	22.764	63.725	30.570	1.963	0.13458	2.40845	6 X
K06Y21N	17.0	0.15	K1128	327.232	214.311	280.795	6.769	0.13968	2.58086	3 X
K06Y29L	17.0	0.15	K1128	1.885	154.660	322.979	5.488	0.16880	2.51759	5 X
K06Y34C	17.2	0.15	K1128	13.470	328.103	81.568	9.342	0.39249	2.63174	2 W
K06Y35N	16.7	0.15	K1128	36.179	308.617	94.728	14.054	0.18104	2.63349	4 X
K06Y45F	17.4	0.15	K1128	324.280	58.219	120.639	2.114	0.12192	2.37178	7 X
K06Y51Z	17.0	0.15	K1128	264.485	314.939	304.052	7.676	0.06841	2.42661	4 X
K06Y52B	16.7	0.15	K1128	189.264	158.633	135.763	10.514	0.14619	2.67326	5 X
K06Y55Q	15.5	0.15	K1128	175.223	8.002	330.465	14.392	0.18158	2.54196	5 X
K07A01K	17.0	0.15	K1128	329.471	74.786	120.031	2.638	0.10906	2.40532	3 X
K07A03Y	16.4	0.15	K1128	351.075	164.137	353.550	6.265	0.10177	2.44651	5 X
K07A06U	16.7	0.15	K1128	34.120	25.206	77.399	2.156	0.18321	2.38559	5 X
K07A07B	16.3	0.15	K1128	307.191	78.094	116.068	7.562	0.05880	2.43684	6 X
K07A08E	17.6	0.15	K1128	25.846	307.559	106.054	7.132	0.27282	2.53576	2 X
K07A10K	16.4	0.15	K1128	236.056	161.008	108.344	6.472	0.12388	2.55384	4 X
K07A11E	15.9	0.15	K1128	96.279	259.998	125.654	16.389	0.12685	2.47017	5 X
K07A11K	17.1	0.15	K1128	108.355	80.916	302.003	1.144	0.22269	2.39985	6 X
K07A14H	17.0	0.15	K1128	44.549	116.170	269.777	3.646	0.35120	2.57858	3 X
K07A15F	17.8	0.15	K1128	52.213	172.216	252.955	1.679	0.18735	2.46208	6 X
K07A15Z	17.1	0.15	K1128	77.842	159.535	235.236	1.950	0.18909	2.47523	4 X
K07A18Q	16.8	0.15	K1128	43.492	329.430	100.289	7.595	0.14967	2.53383	4 X
K07A20H	16.6	0.15	K1128	330.789	108.677	69.219	3.274	0.11517	2.45033	5 X
K07A20J	16.8	0.15	K1128	45.180	91.518	316.170	10.457	0.26221	2.55084	3 X
K07A20O	16.6	0.15	K1128	28.000	72.166	9.426	7.620	0.19273	2.54337	3 X
K07A22R	17.4	0.15	K1128	344.313	281.402	235.162	1.656	0.12967	2.45648	6 X
K07A22S	17.1	0.15	K1128	355.686	304.374	198.156	2.180	0.14931	2.46883	6 X
K07A23X	17.3	0.15	K1128	2.107	338.895	170.422	2.554	0.14542	2.44812	5 X
K07A27R	16.7	0.15	K1128	313.564	92.569	88.215	9.921	0.13628	2.54156	3 X
K07A31H	16.6	0.15	K1128	349.637	101.529	38.288	12.830	0.19245	2.62235	3 X
K07B03C	16.8	0.15	K1128	37.848	356.468	66.041	5.840	0.23941	2.59270	3 X
K07B04C	17.3	0.15	K1128	52.673	335.673	116.333	1.697	0.14646	2.41898	3 X
K07B08G	17.2	0.15	K1128	38.709	154.823	291.268	5.676	0.14095	2.48938	3 X
K07B13S	17.3	0.15	K1128	61.730	76.471	1.590	2.609	0.18133	2.42332	4 X
K07B19H	16.3	0.15	K1128	290.088	111.111	115.860	8.689	0.08176	2.46264	6 X
K07B19L	16.9	0.15	K1128	11.074	77.736	21.646	4.513	0.23203	2.58545	4 X
K07B23W	17.8	0.15	K1128	324.068	238.663	314.191	4.510	0.04688	2.41326	4 X
K07B34L	17.3	0.15	K1128	125.451	54.198	297.932	13.813	0.05854	2.52218	4 X
K07B36O	17.1	0.15	K1128	1.994	99.792	44.334	3.875	0.13091	2.47345	6 X
K07B40G	16.5	0.15	K1128	286.811	307.625	307.939	8.150	0.23917	2.39417	5 X
K07B42F	17.0	0.15	K1128	34.600	131.807	306.945	5.806	0.14863	2.56482	7 X
K07B44C	16.9	0.15	K1128	51.051	350.093	135.982	1.732	0.13485	2.35881	6 X
K07B46P	17.5	0.15	K1128	16.538	335.618	128.623	10.488	0.07587	2.60942	3 X
K07B63E	17.4	0.15	K1128	72.127	192.786	206.618	1.365	0.21841	2.53186	2 S
K07B67H	17.6	0.15	K1128	4.911	161.295	327.553	5.481	0.19090	2.55722	5 X
K07B67Z	16.3	0.15	K1128	226.293	281.955	341.431	14.612	0.09584	2.65648	5 X
K07B74Q	17.9	0.15	K1128	329.357	199.050	24.804	1.010	0.16334	2.39162	7 X
K07B77X	17.2	0.15	K1128	297.245	261.764	333.084	5.866	0.11354	2.43353	4 X
K07C00G	17.0	0.15	K1128	65.667	251.436	151.421	4.336	0.23279	2.54297	6 X
K07C00P	16.7	0.15	K1128	32.711	299.980	150.527	14.705	0.22047	2.49018	4 X
K07C00U	16.6	0.15	K1128	35.298	307.520	86.774	10.147	0.13913	2.55594	3 X
K07C04K	17.1	0.15	K1128	284.500	268.446	326.544	7.274	0.06600	2.45672	2 S
K07C05K	16.9	0.15	K1128	29.211	93.836	350.542	2.439	0.17227	2.58453	7 X
K07C09K	16.8	0.15	K1128	322.692	229.400	319.523	27.428	0.18972	2.54287	2 X
K07C09U	16.7	0.15	K1128	349.087	33.909	103.299	6.913	0.07844	2.55155	5 X
K07C11W	16.4	0.15	K1128	38.394	138.306	295.550	12.649	0.15646	2.56940	4 X
K07C20N	17.6	0.15	K1128	112.557	203.520	188.349	0.791	0.18122	2.39019	5 X
K07C21W	17.3	0.15	K1128	32.549	336.634	101.527	5.878	0.22544	2.54498	3 X
K07C22P	16.1	0.15	K1128	73.760	63.200	319.591	11.131	0.29409	2.54790	4 X
K07C24B	17.7	0.15	K1128	315.927	2.114	209.631	1.810	0.13215	2.46952	7 X
K07C29O	17.3	0.15	K1128	13.849	180.296	311.622	3.517	0.16201	2.46099	5 X
K07C46P	16.3	0.15	K1128	297.786	235.109	321.611	6.525	0.08623	2.58120	3 X
K07C52C	16.6	0.15	K1128	33.966	345.335	107.369	8.853	0.13173	2.52812	4 X
K07C52R	16.0	0.15	K1128	20.815	349.987	106.173	11.363	0.19620	2.59928	2 X
K07C53N	16.4	0.15	K1128	308.083	213.579	338.013	13.052	0.19669	2.60816	3 X
K07C56Q	17.2	0.15	K1128	335.156	309.948	220.257	3.321	0.17353	2.55088	7 X
K07C56Z	16.4	0.15	K1128	29.987	100.041	322.998	27.625	0.37011	2.59806	2 S
K07C58R	15.7	0.15	K1128	33.050	337.697	119.520	22.632	0.04944	2.58810	5 X

K07C59V	16.6	0.15	K1128	13.287	179.965	279.291	3.197	0.20337	2.61774	6 X
K07C60T	16.7	0.15	K1128	344.236	52.127	95.591	8.463	0.17368	2.59851	3 X
K07D03Z	17.8	0.15	K1128	331.721	240.213	304.662	5.325	0.26979	2.55673	3 X
K07D06F	16.3	0.15	K1128	141.793	3.310	351.189	5.281	0.18573	2.60587	6 X
K07D09T	15.8	0.15	K1128	295.413	256.760	324.719	27.960	0.13033	2.59364	5 X
K07D09V	16.5	0.15	K1128	129.131	209.838	138.671	7.028	0.05756	2.74548	6 X
K07D11R	17.3	0.15	K1128	29.957	187.736	259.239	6.198	0.21431	2.52037	3 X
K07D24B	16.8	0.15	K1128	323.122	179.122	348.278	1.129	0.09616	2.64876	4 X
K07D27V	17.2	0.15	K1128	23.961	18.905	93.548	2.605	0.16583	2.55967	3 X
K07D34W	16.8	0.15	K1128	61.919	283.172	163.829	15.065	0.09603	2.54104	5 X
K07D38G	16.5	0.15	K1128	115.606	61.705	309.137	1.054	0.08906	2.71158	7 X
K07D45U	17.4	0.15	K1128	69.274	115.508	310.989	3.751	0.13028	2.41494	5 X
K07D48S	15.3	0.15	K1128	161.810	14.153	331.930	12.455	0.24523	2.56128	4 X
K07D50K	16.3	0.15	K1128	310.855	192.041	341.095	13.968	0.07343	2.67183	2 X
K07D54T	17.1	0.15	K1128	183.324	148.575	171.729	4.479	0.18121	2.60829	4 X
K07D55G	17.1	0.15	K1128	61.880	272.113	166.002	6.466	0.17867	2.47330	5 X
K07D59T	17.2	0.15	K1128	334.936	161.013	357.430	2.974	0.22579	2.61634	4 X
K07D61E	16.7	0.15	K1128	175.802	136.093	178.332	7.039	0.06756	2.66909	3 X
K07D76U	16.6	0.15	K1128	1.223	173.891	14.703	6.880	0.07348	2.37826	4 X
K07D77W	16.4	0.15	K1128	197.014	166.580	133.554	6.218	0.06499	2.57826	4 X
K07D86O	15.9	0.15	K1128	214.385	148.324	151.226	8.145	0.22032	2.54264	7 X
K07D90E	17.1	0.15	K1128	34.928	112.206	19.736	2.217	0.19758	2.42025	6 X
K07D98B	17.1	0.15	K1128	344.710	191.799	348.200	7.477	0.17220	2.55280	5 X
K07DB0M	17.0	0.15	K1128	31.651	264.059	178.708	6.182	0.21878	2.63571	5 X
K07DB2R	16.5	0.15	K1128	146.824	313.830	59.079	2.862	0.04747	2.62801	5 X
K07DB2Y	16.5	0.15	K1128	227.752	118.846	152.750	12.132	0.04973	2.62407	3 S
K07E09Y	16.0	0.15	K1128	312.665	163.919	33.146	8.892	0.13284	2.66842	5 X
K07E11P	17.2	0.15	K1128	331.804	194.538	351.386	4.327	0.17724	2.57708	6 X
K07E13D	16.2	0.15	K1128	249.877	106.610	149.605	10.997	0.13194	2.56060	4 X
K07E14D	16.5	0.15	K1128	7.291	134.105	0.818	13.672	0.23931	2.57966	5 X
K07E16X	17.0	0.15	K1128	47.485	280.076	167.369	13.443	0.19331	2.59958	5 X
K07E17L	16.7	0.15	K1128	123.866	190.661	175.153	7.138	0.12924	2.68717	7 X
K07E21Y	16.9	0.15	K1128	315.719	172.270	15.671	11.915	0.11186	2.69154	3 X
K07E23R	17.2	0.15	K1128	47.600	311.107	151.547	7.120	0.03757	2.63712	4 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
K07E36R	16.0	0.15	K1128	301.481	106.368	103.287	8.197	0.15034	2.67399	5 X
K07E38J	16.7	0.15	K1128	173.339	126.186	191.204	6.266	0.05337	2.76741	6 X
K07E39N	15.8	0.15	K1128	336.860	152.489	15.598	11.719	0.16808	2.64732	4 X
K07E40Q	15.8	0.15	K1128	166.682	110.435	234.971	2.737	0.24020	2.56952	6 X
K07E41F	17.3	0.15	K1128	17.210	30.341	79.819	3.834	0.18153	2.57126	4 X
K07E45V	16.3	0.15	K1128	220.121	93.813	187.687	5.837	0.00596	2.75866	5 X
K07E60D	15.4	0.15	K1128	280.720	125.217	14.533	5.364	0.09137	3.18696	4 X
K07E70O	16.7	0.15	K1128	333.435	15.621	160.799	8.165	0.14711	2.63532	6 X
K07E80D	16.4	0.15	K1128	340.913	207.032	315.065	5.296	0.15253	2.65054	5 X
K07E80M	17.4	0.15	K1128	4.051	328.390	163.486	3.474	0.10147	2.54139	7 X
K07E84A	17.0	0.15	K1128	8.449	343.368	130.873	5.884	0.06999	2.71122	2 S
K07E87G	16.2	0.15	K1128	310.128	59.126	167.613	6.100	0.24266	2.63007	5 X
K07E91B	17.1	0.15	K1128	15.852	331.218	169.079	4.404	0.05367	2.56007	4 X
K07E91G	16.3	0.15	K1128	44.742	331.295	111.881	13.791	0.23857	2.57313	4 X
K07E92M	15.4	0.15	K1128	226.046	319.105	349.351	7.345	0.21439	2.47188	5 X
K07E98B	17.2	0.15	K1128	4.632	330.541	157.926	5.593	0.05344	2.66244	5 X
K07EA0F	17.5	0.15	K1128	61.715	18.368	37.747	0.701	0.04183	2.75037	6 X
K07EA1R	16.0	0.15	K1128	230.018	135.846	155.280	9.245	0.27648	2.77613	4 X
K07EA4K	16.8	0.15	K1128	182.425	156.275	157.757	2.848	0.04999	2.69832	5 X
K07EA5D	15.9	0.15	K1128	132.073	353.174	2.917	6.191	0.03569	2.72910	4 X
K07EB3L	16.8	0.15	K1128	181.503	219.270	121.726	4.845	0.07556	2.45173	7 X
K07EC4T	16.0	0.15	K1128	345.491	165.595	353.465	13.618	0.18100	2.63678	4 X
K07EC6T	17.1	0.15	K1128	259.872	59.848	190.183	0.607	0.12853	2.56362	5 X
K07ED0X	17.4	0.15	K1128	30.902	298.294	172.242	3.444	0.16787	2.57067	6 X
K07ED4X	17.0	0.15	K1128	130.881	160.587	199.664	2.070	0.06791	2.68882	5 X
K07ED5H	16.6	0.15	K1128	155.853	146.119	190.432	1.550	0.09118	2.72631	7 X
K07ED7U	16.0	0.15	K1128	308.121	172.633	25.441	9.608	0.11281	2.66663	4 X
K07ED8U	16.9	0.15	K1128	280.862	253.326	1.841	2.356	0.15101	2.45265	4 X
K07EF3D	16.5	0.15	K1128	195.459	154.655	153.740	10.861	0.03740	2.65732	4 X
K07EF3Q	17.1	0.15	K1128	305.218	41.766	141.902	7.745	0.04726	2.72864	4 X
K07EG1R	17.5	0.15	K1128	93.933	209.357	187.287	3.407	0.10294	2.49539	4 X
K07EG7O	15.7	0.15	K1128	298.007	260.184	308.809	10.480	0.21246	2.67409	4 X
K07EI7W	16.3	0.15	K1128	46.518	359.193	73.729	10.283	0.30410	2.55718	5 X
K07EJ3X	16.1	0.15	K1128	321.390	217.593	346.927	12.423	0.19420	2.62317	3 X
K07EJ9G	15.6	0.15	K1128	308.265	113.133	107.138	30.525	0.29061	2.66036	4 X
K07EK0O	15.9	0.15	K1128	27.765	333.384	157.365	8.980	0.05936	2.61357	7 X
K07EK0R	16.4	0.15	K1128	1.931	347.424	136.543	11.577	0.07430	2.69895	4 X
K07ELOB	16.7	0.15	K1128	29.029	317.038	134.359	5.675	0.05370	2.64184	3 X
K07EL1K	16.6	0.15	K1128	36.386	305.313	141.756	11.645	0.14392	2.60578	5 X
K07EL6V	16.4	0.15	K1128	288.033	141.707	111.256	13.745	0.25222	2.59630	3 X
K07EL8Z	16.7	0.15	K1128	131.828	172.282	186.218	6.023	0.03533	2.75178	4 X
K07F00N	16.4	0.15	K1128	253.587	298.746	14.106	5.353	0.18036	2.43559	7 X
K07F02N	16.2	0.15	K1128	350.603	59.669	100.721	12.276	0.14941	2.60325	6 X
K07F04P	16.7	0.15	K1128	193.035	106.673	217.459	1.729	0.01114	2.64058	6 X
K07F12Y	16.5	0.15	K1128	316.259	255.232	300.337	8.574	0.17064	2.63810	2 X
K07F18V	17.3	0.15	K1128	221.775	115.632	164.643	3.255	0.07420	2.65496	6 X

K07F25O	16.2	0.15	K1128	129.237	193.581	178.016	5.962	0.02003	2.71474	7 X
K07F32L	17.4	0.15	K1128	330.179	43.879	181.756	5.009	0.16106	2.53741	6 X
K07F46Y	17.0	0.15	K1128	50.161	253.334	182.290	4.838	0.09475	2.70531	5 X
K07F47L	17.0	0.15	K1128	146.085	180.593	188.285	3.710	0.07213	2.61392	4 X
K07F47Q	16.6	0.15	K1128	286.596	112.272	147.695	7.791	0.21438	2.65091	3 X
K07F48P	17.4	0.15	K1128	334.052	133.851	13.351	5.128	0.10211	2.75898	2 W
K07F49U	15.8	0.15	K1128	284.847	108.558	117.162	9.536	0.09198	2.78143	7 X
K07F49V	15.9	0.15	K1128	328.780	87.091	93.951	15.863	0.03045	2.70973	4 X
K07G08Y	16.5	0.15	K1128	346.067	303.683	205.738	3.190	0.04018	2.80810	6 X
K07G16J	15.4	0.15	K1128	155.839	313.459	22.066	9.361	0.06935	2.96705	4 X
K07G18H	16.4	0.15	K1128	330.934	103.926	75.989	15.872	0.21494	2.68330	4 X
K07G23G	16.7	0.15	K1128	254.792	79.231	156.533	0.946	0.08237	2.96320	7 X
K07G34A	16.3	0.15	K1128	0.832	176.432	338.390	12.597	0.20607	2.58921	3 X
K07G41B	16.4	0.15	K1128	77.980	207.727	221.053	2.855	0.07784	2.79252	6 X
K07G51M	15.4	0.15	K1128	268.598	146.202	80.983	17.500	0.05956	2.84838	7 X
K07H00L	15.3	0.15	K1128	102.898	248.649	84.572	12.572	0.07032	3.11626	5 X
K07H17H	15.7	0.15	K1128	303.537	138.491	63.496	14.298	0.14053	2.76296	3 X
K07H21P	15.8	0.15	K1128	210.205	121.505	196.010	4.095	0.13713	2.80127	7 X
K07H31Z	17.0	0.15	K1128	257.695	309.213	334.672	1.548	0.17943	2.69911	6 X
K07H36K	16.7	0.15	K1128	245.032	21.122	228.921	1.810	0.13997	2.99040	6 X
K07H36Q	16.6	0.15	K1128	287.312	248.278	29.944	1.871	0.15276	2.58073	7 X
K07H46G	15.9	0.15	K1128	328.892	38.461	126.878	13.621	0.13768	2.70386	4 X
K07H52R	17.1	0.15	K1128	338.333	43.124	175.450	7.435	0.14366	2.57015	3 X
K07H54D	16.3	0.15	K1128	165.346	179.292	166.419	6.641	0.04844	2.72199	5 X
K07H64G	16.4	0.15	K1128	348.019	102.553	48.554	10.535	0.20129	2.73147	4 X
K07H71T	17.1	0.15	K1128	326.410	32.559	196.226	3.870	0.11395	2.55569	7 X
K07H80C	16.6	0.15	K1128	303.333	85.977	175.560	4.506	0.15749	2.57731	5 X
K07H83B	15.6	0.15	K1128	84.363	30.421	55.129	22.661	0.03739	2.65475	6 X
K07J12L	16.6	0.15	K1128	195.720	159.594	144.450	11.342	0.20346	3.13429	4 X
K07J14K	15.6	0.15	K1128	44.630	348.605	97.414	13.013	0.18043	2.93255	6 X
K07J27D	15.9	0.15	K1128	61.162	272.742	181.279	6.528	0.02531	2.87471	5 X
K07J29E	15.6	0.15	K1128	31.583	10.979	88.761	12.686	0.09160	2.98159	5 X
K07J33Q	15.3	0.15	K1128	159.729	225.522	105.145	10.412	0.03803	3.08537	7 X
K07J38R	17.4	0.15	K1128	353.146	188.710	333.557	1.495	0.13841	2.67661	4 X
K07L00Q	16.4	0.15	K1128	339.625	54.747	165.663	7.147	0.19163	2.56792	3 X
K07L14E	15.4	0.15	K1128	47.476	349.341	82.950	18.555	0.16600	3.13886	3 X
K07L15H	16.1	0.15	K1128	323.910	232.537	11.287	10.782	0.23571	2.64942	6 X
K07L15X	17.3	0.15	K1128	313.912	54.380	150.123	10.014	0.18062	2.78651	4 X
K07L20H	16.4	0.15	K1128	1.083	310.275	183.131	6.575	0.00843	3.05577	6 X
K07M06S	16.5	0.15	K1128	205.291	128.522	160.025	11.950	0.06072	3.02594	5 X
K07M16X	15.8	0.15	K1128	181.224	170.224	161.024	12.062	0.08057	3.00856	5 X
K07RA8L	15.9	0.15	K1128	299.306	62.958	206.531	1.900	0.15450	3.10299	6 X
K07S03P	15.3	0.15	K1128	247.905	141.647	189.759	17.907	0.23653	3.11462	5 X
K07TG1F	15.0	0.15	K1128	260.864	115.195	191.297	17.288	0.10568	3.17213	5 X
K07TP6C	15.8	0.15	K1128	66.242	160.722	37.978	11.073	0.05711	2.98466	4 X
K07Ta6Y	17.4	0.15	K1128	152.797	353.804	251.268	6.313	0.10761	2.21161	5 X
K07VW6S	17.6	0.15	K1128	295.745	119.201	351.978	2.974	0.13437	2.31002	5 X
K07X16B	16.9	0.15	K1128	1.824	30.276	103.679	24.578	0.06584	1.96976	5 X
K07Y74A	17.1	0.15	K1128	32.589	132.966	283.445	6.410	0.04199	2.23183	4 X
K08A43U	18.5	0.15	K1128	48.914	269.819	137.880	1.133	0.17493	2.17636	3 X
K08A55B	18.0	0.15	K1128	351.695	354.756	111.722	3.097	0.09549	2.18877	3 X
K08A72K	17.7	0.15	K1128	10.430	345.938	85.140	6.532	0.06666	2.23664	3 X
K08AB3E	16.4	0.15	K1128	127.304	227.085	141.949	22.059	0.15836	1.98496	6 X
K08AD7K	17.5	0.15	K1128	20.594	152.476	281.128	5.422	0.08920	2.21826	3 X
K08B25X	17.0	0.15	K1128	48.907	322.439	78.006	5.275	0.06109	2.22970	2 X
K08B52R	17.0	0.15	K1128	292.269	312.503	146.621	12.189	0.13899	2.54033	5 X
K08C44S	16.6	0.15	K1128	263.354	109.607	87.830	2.871	0.09641	2.36581	5 X
K08C59V	17.6	0.15	K1128	171.033	165.590	155.719	6.858	0.15427	2.18334	6 X
K08C71J	17.2	0.15	K1128	340.172	227.552	216.836	1.975	0.13133	2.38161	5 X
K08CB5G	16.9	0.15	K1128	340.776	97.906	112.754	24.349	0.08768	1.95754	2 S
K08CG6C	17.4	0.15	K1128	12.392	139.063	335.124	5.424	0.10263	2.20545	4 X
K08CL3H	15.7	0.15	K1128	175.170	274.462	276.484	6.355	0.08758	3.03851	6 X
K08CL5C	18.0	0.15	K1128	274.496	118.874	108.743	0.826	0.16525	2.30560	7 X
K08D08A	17.2	0.15	K1128	292.049	85.166	87.480	4.041	0.11460	2.31420	5 X
K08D19L	17.6	0.15	K1128	358.129	258.100	245.864	1.046	0.04231	2.17665	5 X
K08D23B	17.0	0.15	K1128	136.490	220.236	157.628	23.594	0.06556	1.98894	5 X
K08D34Z	17.8	0.15	K1128	242.489	73.332	190.776	4.957	0.15789	2.25497	3 X
K08D55C	17.5	0.15	K1128	6.119	133.939	339.528	5.676	0.10756	2.21093	5 X
K08D55M	17.4	0.15	K1128	314.518	305.367	192.936	0.933	0.13100	2.35828	6 X
K08D69M	17.0	0.15	K1128	355.804	95.767	27.740	7.673	0.08469	2.25378	5 X
K08D79J	17.2	0.15	K1128	308.142	63.704	87.980	4.931	0.08754	2.32727	4 X
K08D83O	17.0	0.15	K1128	156.268	228.038	89.956	2.259	0.19718	2.44106	7 X
K08E15L	18.1	0.15	K1128	51.354	269.043	166.816	4.768	0.14497	2.20729	4 S
K08E18D	16.6	0.15	K1128	281.072	254.097	322.803	6.929	0.06554	2.27586	5 X
K08E19E	17.7	0.15	K1128	39.440	312.073	82.237	6.086	0.11502	2.27661	3 X
K08E19N	17.6	0.15	K1128	231.004	85.225	195.464	4.070	0.24160	2.28284	3 X
K08E20X	17.9	0.15	K1128	275.097	39.700	204.027	2.154	0.15491	2.20055	6 X
K08E38Y	17.8	0.15	K1128	78.599	304.087	107.059	3.858	0.13745	2.15668	3 X
K08E42F	17.4	0.15	K1128	289.151	144.535	72.437	3.503	0.08910	2.23727	5 X
K08E54S	17.8	0.15	K1128	294.582	65.853	162.945	7.252	0.12539	2.18217	4 X
K08E70C	17.8	0.15	K1128	355.073	191.102	273.964	4.728	0.14684	2.20993	2 X
K08E79O	16.9	0.15	K1128	250.248	312.222	304.790	4.473	0.16812	2.23715	5 X

K08E82X	17.3	0.15	K1128	281.087	303.372	288.521	4.957	0.10573	2.16891	6 X
K08EB4Q	17.5	0.15	K1128	62.327	147.092	298.215	3.453	0.05062	2.16577	8 X
K08EC4D	17.6	0.15	K1128	218.802	291.869	346.166	5.246	0.16155	2.31172	3 W
K08EE8C	16.7	0.15	K1128	129.719	152.870	190.339	6.541	0.24656	2.43024	5 X
K08EG6J	16.4	0.15	K1128	215.498	136.987	171.550	6.925	0.14522	2.27393	6 X
K08EG8F	17.8	0.15	K1128	222.049	139.133	148.920	3.422	0.21214	2.33103	5 X
K08F08R	18.3	0.15	K1128	338.382	56.737	70.091	1.880	0.12714	2.25194	5 X
K08F18P	17.7	0.15	K1128	276.062	5.954	182.481	0.843	0.13258	2.36603	3 X
K08F26E	18.4	0.15	K1128	18.537	310.929	167.448	2.409	0.09358	2.19293	5 X
K08F27F	17.0	0.15	K1128	173.435	112.141	215.941	3.722	0.01192	2.32869	5 X
K08F37P	16.9	0.15	K1128	31.368	311.253	88.197	4.144	0.11866	2.64851	3 X
K08F46S	17.4	0.15	K1128	182.477	150.677	149.587	3.488	0.20312	2.37336	5 X
K08F54W	17.4	0.15	K1128	268.751	75.084	183.931	3.890	0.14946	2.20790	5 X
K08F68N	15.9	0.15	K1128	6.849	235.342	199.532	17.592	0.17191	2.56714	5 X
K08FA1H	17.8	0.15	K1128	297.582	76.854	131.607	5.403	0.12395	2.27048	3 X
K08FA8K	17.4	0.15	K1128	35.703	338.343	55.081	3.571	0.13811	2.60888	4 X
K08FB0N	17.9	0.15	K1128	219.313	130.980	154.832	5.961	0.16424	2.30106	4 X
K08FB7L	17.9	0.15	K1128	11.500	270.863	210.519	3.600	0.10434	2.27861	4 X
K08FB8V	17.5	0.15	K1128	264.214	162.087	80.417	3.672	0.06400	2.23304	5 X
K08FC5K	17.8	0.15	K1128	21.946	298.589	171.282	5.773	0.03788	2.30713	7 X
K08FD2N	16.6	0.15	K1128	91.459	223.789	160.158	7.996	0.15971	2.42100	5 X
K08FD2R	16.6	0.15	K1128	17.745	339.949	75.861	6.041	0.07790	2.74369	4 X
K08G08X	18.1	0.15	K1128	19.681	31.008	72.587	3.081	0.13207	2.25214	3 X
K08G46W	18.2	0.15	K1128	247.763	107.021	154.573	6.719	0.14885	2.37404	4 X
K08G47M	17.5	0.15	K1128	289.231	50.059	168.550	5.364	0.11461	2.31831	6 X
K08G47U	17.7	0.15	K1128	287.915	70.358	155.661	5.339	0.16992	2.30091	7 X
K08G47Y	16.7	0.15	K1128	316.118	46.816	90.750	8.269	0.05936	2.65567	3 X
K08G47Z	16.4	0.15	K1128	193.465	128.350	175.432	7.138	0.19874	2.54576	5 X
K08G70B	18.0	0.15	K1128	351.500	356.490	156.303	8.734	0.12871	2.27577	5 X
K08G83C	16.9	0.15	K1128	184.226	144.063	166.647	6.428	0.11026	2.38409	5 X
K08G94R	16.9	0.15	K1128	230.850	117.316	152.014	6.722	0.07960	2.28176	5 X
K08G97E	16.1	0.15	K1128	88.150	266.994	64.793	9.832	0.12192	3.01031	2 X
K08GA3L	15.8	0.15	K1128	48.563	304.205	46.496	18.103	0.13806	3.11497	2 X
K08GA5H	17.6	0.15	K1128	330.447	56.154	110.764	4.284	0.06336	2.28311	5 X
K08GB5Y	17.3	0.15	K1128	37.825	334.257	110.407	5.540	0.12441	2.34575	4 X
K08GD0T	17.5	0.15	K1128	174.669	187.380	118.155	5.376	0.12446	2.56835	3 X
K08GD2H	17.6	0.15	K1128	263.135	29.940	218.115	1.973	0.14128	2.30559	6 X
K08GD4P	18.1	0.15	K1128	343.374	6.937	151.945	2.759	0.14662	2.27217	5 X
K08H13K	17.8	0.15	K1128	291.168	34.682	200.854	2.579	0.11253	2.16875	6 X
K08H14J	18.2	0.15	K1128	257.495	301.255	306.748	2.437	0.08476	2.27531	5 X
K08H15M	15.5	0.15	K1128	62.333	280.155	76.134	17.110	0.12643	3.15919	2 X
K08H17M	16.7	0.15	K1128	49.909	310.245	83.599	12.276	0.07652	2.70079	3 X
K08H25C	17.4	0.15	K1128	84.684	187.269	210.274	2.726	0.12501	2.40113	6 X
K08H25O	15.7	0.15	K1128	60.055	285.938	85.721	12.260	0.13529	2.98938	3 X
K08H31H	17.7	0.15	K1128	22.282	283.426	179.777	5.171	0.13018	2.33932	5 X
K08H60U	16.2	0.15	K1128	82.839	332.420	33.020	13.502	0.24902	2.55982	5 X
K08H61N	16.8	0.15	K1128	236.092	28.855	233.485	4.959	0.08582	2.41738	9 X
K08H65F	17.3	0.15	K1128	299.325	34.500	193.441	3.414	0.11157	2.26384	7 X
K08H68D	17.6	0.15	K1128	83.462	251.526	172.738	6.389	0.07959	2.29938	6 X
K08J00U	17.2	0.15	K1128	258.780	328.251	301.815	2.394	0.08849	2.22548	7 X
K08J15G	17.7	0.15	K1128	252.893	110.016	158.858	5.965	0.19223	2.34923	4 X
K08K08A	17.7	0.15	K1128	23.423	289.931	174.093	3.612	0.15197	2.39060	6 X
K08K09C	16.7	0.15	K1128	327.037	34.748	99.706	3.041	0.13793	2.54154	3 X
K08K10G	16.9	0.15	K1128	317.867	33.521	102.134	5.869	0.04704	2.69383	3 X
K08K30X	17.7	0.15	K1128	261.182	102.986	155.369	6.688	0.16189	2.33287	4 X
K08K35K	18.4	0.15	K1128	287.815	55.267	166.056	3.262	0.11863	2.33700	3 X
K08K36U	16.5	0.15	K1128	140.506	186.172	159.243	8.515	0.14628	2.65891	6 X
K08L03A	17.7	0.15	K1128	304.421	12.633	182.647	6.089	0.06158	2.39675	3 X
K08L10Q	14.8	0.15	K1128	93.232	259.893	80.441	11.013	0.11652	3.09712	6 X
K08N01D	15.7	0.15	K1128	323.076	235.396	284.748	32.904	0.27357	2.64969	4 X
K08N01K	15.6	0.15	K1128	170.483	173.225	156.335	8.004	0.19798	2.85864	6 X
K08O07M	15.6	0.15	K1128	158.380	22.745	306.751	19.559	0.23601	3.06926	3 X
K08O09K	16.0	0.15	K1128	161.258	193.273	138.430	7.681	0.11515	2.99547	5 X
K08O09V	16.1	0.15	K1128	238.584	335.964	299.571	12.657	0.23952	2.61722	3 X
K08O12D	16.0	0.15	K1128	154.981	123.837	194.264	1.684	0.19234	3.14308	6 X
K08O21M	16.3	0.15	K1128	171.636	166.134	155.706	11.836	0.16750	3.15304	4 X
K08O24H	15.5	0.15	K1128	158.249	175.389	157.721	11.448	0.07314	3.15611	5 X
K08P09X	15.5	0.15	K1128	147.554	50.890	285.283	12.713	0.18155	3.19545	5 X
K08P20R	15.8	0.15	K1128	207.836	306.848	2.155	9.117	0.19206	2.74971	5 X
K08Q02W	15.9	0.15	K1128	233.891	140.322	167.681	12.388	0.25107	2.62827	4 X
K08Q05F	16.3	0.15	K1128	200.682	133.679	174.481	4.861	0.18973	3.05162	5 X
K08Q08H	15.4	0.15	K1128	161.859	172.584	157.609	11.628	0.09024	3.17152	7 X
K08Q21P	15.5	0.15	K1128	180.561	70.413	238.590	6.336	0.15816	3.16825	6 X
K08Q29A	14.8	0.15	K1128	110.612	235.534	163.627	26.991	0.12472	3.14496	6 X
K08Q29P	16.2	0.15	K1128	137.418	221.586	135.413	4.994	0.14695	3.22547	4 X
K08Q36N	16.1	0.15	K1128	88.368	260.705	169.380	7.103	0.02145	2.86550	5 X
K08Q36P	17.1	0.15	K1128	229.089	134.133	172.274	2.923	0.15579	2.63762	7 X
K08Q48B	15.2	0.15	K1128	249.076	337.799	271.743	8.325	0.04442	3.08563	5 X
K08R11C	16.5	0.15	K1128	263.807	114.429	165.235	12.438	0.24624	2.54519	6 X
K08R40W	15.9	0.15	K1128	261.485	71.894	174.958	5.290	0.12274	3.11050	5 X
K08R47S	16.3	0.15	K1128	249.858	291.087	342.249	13.008	0.14156	2.67444	4 X
K08R73C	16.4	0.15	K1128	295.134	29.257	181.266	2.086	0.08106	2.99984	6 X

K08R73E	16.6	0.15	K1128	6.799	9.703	171.240	3.626	0.12913	2.60354	6 X
K08R75R	17.4	0.15	K1128	187.108	262.354	155.508	4.814	0.17671	2.36104	5 X
K08R82K	16.6	0.15	K1128	312.613	277.376	295.347	4.245	0.13352	2.71233	4 X
K08R88P	15.4	0.15	K1128	187.534	3.991	332.749	10.468	0.08260	3.06760	6 X
K08R95Y	15.1	0.15	K1128	256.789	279.581	319.045	10.450	0.04491	3.10486	5 X
K08RD5Y	15.3	0.15	K1128	334.209	165.678	17.033	10.561	0.09044	3.09358	6 X
K08RE5Q	17.8	0.15	K1128	153.896	271.490	180.721	2.073	0.18026	2.43137	4 X
K08S14H	15.6	0.15	K1128	38.977	303.043	162.203	5.626	0.11909	3.10612	6 X
K08S44Q	16.1	0.15	K1128	143.870	159.403	214.039	1.811	0.09712	3.15506	7 X
K08S86R	15.8	0.15	K1128	216.797	14.545	281.499	5.708	0.14013	3.13564	6 X
K08SA8M	13.6	0.15	K1128	323.884	240.272	224.627	3.012	0.06608	5.19838	6 X
K08SB4C	16.1	0.15	K1128	217.853	129.427	175.206	11.382	0.07238	3.13796	4 X
K08SE6L	15.6	0.15	K1128	303.985	254.705	323.648	8.189	0.02365	3.10607	6 X
K08SK2S	16.0	0.15	K1128	261.299	50.971	222.417	3.539	0.13567	3.09670	7 X
K08SM3K	16.1	0.15	K1128	251.851	275.179	346.456	8.630	0.05650	3.15959	4 X
K08SN7R	16.5	0.15	K1128	183.248	102.927	238.149	0.962	0.10138	2.88928	8 X
K08SS2Y	15.9	0.15	K1128	193.874	80.711	232.094	3.751	0.11561	3.06944	5 X
K08SS5J	16.2	0.15	K1128	105.294	229.057	180.040	7.722	0.04367	3.14853	5 X
K08T30A	15.8	0.15	K1128	135.284	191.262	191.176	2.231	0.08658	3.21891	8 X
K08T36D	17.4	0.15	K1128	148.307	80.724	340.064	3.747	0.08103	2.68812	5 X
K08T38T	16.1	0.15	K1128	80.640	93.757	12.825	9.463	0.06118	3.17299	5 X
K08T87L	15.8	0.15	K1128	269.127	178.436	78.960	4.509	0.13699	3.13312	7 X
K08T95H	17.2	0.15	K1128	287.145	43.622	206.835	1.754	0.16700	2.57029	7 X
K08TA6G	15.1	0.15	K1128	70.426	59.916	16.737	3.281	0.16818	3.97594	7 X
K08TD4T	16.1	0.15	K1128	340.081	201.997	9.757	8.323	0.07068	3.00983	6 X
K08TF5A	16.5	0.15	K1128	257.777	299.469	336.746	11.247	0.10961	3.02898	3 X
K08U23V	15.8	0.15	K1128	319.707	262.487	303.747	3.604	0.09405	3.14170	5 X
K08U72Y	15.0	0.15	K1128	210.640	326.425	22.194	10.870	0.04319	3.16137	5 X
K08UK9J	14.5	0.15	K1128	78.189	98.681	291.105	1.269	0.10444	5.11260	4 X
K08UY6W	16.6	0.15	K1128	209.213	8.429	311.260	0.738	0.09884	3.04222	5 X
K08V21H	16.7	0.15	K1128	53.392	342.180	177.856	3.883	0.04201	2.97647	5 X
K09A17F	15.1	0.15	K1128	242.490	245.074	88.461	13.171	0.05711	3.16923	5 X
K09BC7F	16.5	0.15	K1128	26.172	149.415	150.191	8.554	0.15555	2.56142	5 X
K09D04B	15.1	0.15	K1128	135.207	321.268	166.124	28.174	0.17046	3.11043	5 X
K09D41G	15.3	0.15	K1128	146.686	348.674	131.671	9.987	0.06405	3.19856	5 X
K09G06F	16.0	0.15	K1128	58.810	212.301	109.989	10.066	0.32816	3.04724	5 X
K09H72T	18.0	0.15	K1128	37.943	43.328	50.649	25.038	0.04614	1.80389	2 S
K09J02B	14.7	0.15	K1128	113.521	46.893	252.208	21.809	0.19788	3.17057	5 X
K09O12W	15.7	0.15	K1128	39.940	115.789	298.830	21.113	0.29627	3.18177	3 X
K09O13Q	17.9	0.15	K1128	176.378	178.823	127.146	2.746	0.18435	2.20162	4 X
K09O15L	16.3	0.15	K1128	213.419	313.532	269.912	3.034	0.04712	2.79435	6 X
K09O20C	17.3	0.15	K1128	158.449	68.081	260.276	3.562	0.25738	2.26627	5 X
K09P02C	17.0	0.15	K1128	112.747	190.968	180.052	5.427	0.20008	2.47152	6 X
K09P04C	17.5	0.15	K1128	127.303	98.451	251.960	3.585	0.20915	2.42056	3 X
K09P04N	16.9	0.15	K1128	114.475	199.236	178.681	8.653	0.27838	2.40952	4 X
K09P11T	16.1	0.15	K1128	342.339	175.328	306.182	6.919	0.05426	2.54814	6 X
K09Q04E	17.1	0.15	K1128	147.221	32.880	303.693	5.581	0.24475	2.36852	3 X
K09Q12K	17.6	0.15	K1128	116.638	155.488	208.370	3.040	0.17057	2.51580	4 X
K09Q14T	17.2	0.15	K1128	142.702	174.609	178.385	6.001	0.07986	2.34583	5 X
K09Q21Z	17.0	0.15	K1128	149.410	215.160	108.392	3.824	0.17426	2.40936	6 X
K09Q24W	16.0	0.15	K1128	61.411	215.248	169.637	8.375	0.09741	3.00786	4 X
K09Q31E	14.9	0.15	K1128	78.619	254.572	128.793	15.875	0.16647	3.18588	4 X
K09Q31M	17.3	0.15	K1128	144.965	211.554	126.443	1.289	0.23504	2.41419	5 X
K09Q37M	16.6	0.15	K1128	123.641	230.032	158.705	6.701	0.10225	2.39102	5 X
K09Q47Y	16.5	0.15	K1128	124.674	188.428	156.203	7.696	0.29876	2.66890	5 X
K09Q48B	16.9	0.15	K1128	155.004	176.593	154.756	8.606	0.24093	2.39376	5 X
K09Q50W	15.8	0.15	K1128	68.012	200.805	173.058	9.880	0.09473	3.08340	5 X
K09Q51R	17.8	0.15	K1128	155.130	128.002	204.282	1.022	0.20336	2.35655	4 X
K09Q51V	16.9	0.15	K1128	108.565	16.272	8.578	5.251	0.14471	2.43476	5 X
K09Q57C	17.1	0.15	K1128	134.798	194.038	163.844	3.795	0.13469	2.42493	6 X
K09Q57S	16.2	0.15	K1128	55.715	91.840	339.316	12.449	0.18798	2.79666	4 X
K09R01C	15.1	0.15	K1128	41.219	35.771	25.770	11.293	0.20188	3.20166	2 X
K09R01Y	17.4	0.15	K1128	112.623	166.493	194.706	3.131	0.20738	2.73774	3 X
K09R06X	16.9	0.15	K1128	149.950	79.274	257.440	2.999	0.20729	2.39389	5 X
K09R08O	16.7	0.15	K1128	40.520	212.930	238.260	1.748	0.29179	3.11375	5 X
K09R11Z	16.2	0.15	K1128	26.659	93.439	9.787	14.365	0.04926	2.66595	4 X
K09R13T	17.0	0.15	K1128	111.236	184.843	192.059	2.167	0.13310	2.63940	5 X
K09R18W	17.7	0.15	K1128	154.304	41.257	293.611	1.793	0.17552	2.33956	5 X
K09R20Q	17.0	0.15	K1128	131.643	159.084	195.060	4.631	0.12932	2.71175	6 X
K09R26A	16.1	0.15	K1128	270.480	211.348	11.126	14.301	0.01302	2.65435	7 X
K09R28X	17.4	0.15	K1128	152.413	154.480	179.827	5.014	0.14768	2.36201	3 X
K09R29U	17.1	0.15	K1128	106.390	91.287	284.160	3.299	0.13142	2.72996	4 X
K09R30V	17.5	0.15	K1128	182.292	100.021	213.980	4.731	0.17950	2.30499	6 X
K09R31Z	16.8	0.15	K1128	29.864	203.660	268.463	2.710	0.20052	2.74593	5 X
K09R34V	17.2	0.15	K1128	126.888	172.992	195.687	4.451	0.08551	2.63883	5 X
K09R34Z	15.6	0.15	K1128	53.226	50.822	22.910	11.270	0.06903	2.97268	3 X
K09R37V	16.7	0.15	K1128	88.055	355.952	13.042	1.341	0.19171	3.09593	3 X
K09R43M	15.8	0.15	K1128	30.492	94.067	351.887	10.821	0.07030	3.00188	3 X
K09R48H	15.2	0.15	K1128	41.753	58.369	13.586	16.391	0.08573	3.13259	3 X
K09R49B	15.4	0.15	K1128	349.759	107.395	16.559	10.082	0.05222	3.16367	4 X
K09R52O	16.8	0.15	K1128	140.314	187.326	148.959	2.554	0.07604	2.87109	5 X
K09R54B	15.6	0.15	K1128	40.630	56.643	33.457	9.438	0.08304	2.96497	4 X

K09R56H	13.0	0.15	K1128	63.579	311.554	54.435	9.134	0.04321	5.21031	5 X
K09R57C	15.9	0.15	K1128	75.879	339.047	63.665	5.981	0.04861	3.11182	3 X
K09R69V	15.5	0.15	K1128	103.958	352.328	9.080	10.754	0.06183	3.06932	5 X
K09R75Y	18.2	0.15	K1128	183.686	62.316	250.614	5.333	0.18101	2.21898	3 X
K09S18A	15.1	0.15	K1128	100.848	320.158	48.131	17.893	0.20670	3.08367	4 X
K09S27L	17.1	0.15	K1128	106.807	180.858	190.205	5.283	0.16726	2.75836	4 X
K09S37B	16.2	0.15	K1128	20.878	98.366	8.724	12.035	0.17454	3.15272	4 X
K09S39L	15.5	0.15	K1128	22.748	109.967	10.066	7.448	0.10263	2.73089	6 X
K09S45M	16.6	0.15	K1128	118.912	25.711	348.238	6.352	0.16107	2.64551	3 X
K09S45S	17.2	0.15	K1128	111.722	95.247	281.182	3.546	0.08451	2.76349	4 X
K09S47H	16.6	0.15	K1128	110.662	141.145	232.150	4.996	0.07972	2.86537	4 X
K09S50P	16.6	0.15	K1128	279.123	272.286	298.867	6.744	0.05382	2.35050	5 X
K09S52M	17.0	0.15	K1128	355.897	355.734	160.877	2.841	0.13817	2.42917	5 X
K09S60H	16.3	0.15	K1128	87.167	106.854	274.338	4.621	0.12973	3.13547	4 X
K09S60R	16.2	0.15	K1128	26.168	162.546	310.093	4.814	0.24862	3.09974	5 X
K09S60Y	17.2	0.15	K1128	115.809	87.836	284.105	4.043	0.07561	2.71769	3 X
K09S61G	17.4	0.15	K1128	237.577	320.154	309.162	3.866	0.12501	2.28465	7 X
K09S62Q	17.4	0.15	K1128	54.085	257.491	180.840	3.759	0.09848	2.46233	5 X
K09S62V	17.7	0.15	K1128	64.629	117.713	320.018	1.146	0.08464	2.33005	8 X
K09S64S	18.0	0.15	K1128	111.195	199.704	166.549	1.556	0.05986	2.55679	3 X
K09S64Y	17.2	0.15	K1128	61.670	211.710	187.918	0.464	0.18906	3.06201	4 X
K09S66R	16.9	0.15	K1128	117.947	207.417	160.613	3.909	0.10471	2.76914	5 X
K09S72T	17.1	0.15	K1128	171.517	327.271	325.552	2.563	0.18213	2.55550	5 X
K09S75A	17.0	0.15	K1128	221.135	127.937	143.047	5.102	0.12405	2.52404	5 X
K09S87R	17.3	0.15	K1128	47.619	282.377	171.448	4.971	0.13116	2.78185	5 X
K09S87S	17.1	0.15	K1128	195.533	166.926	120.005	2.675	0.02180	2.83937	6 X
K09SA0F	16.7	0.15	K1128	39.213	162.413	270.951	0.942	0.05071	2.88684	5 X
K09SA2V	16.9	0.15	K1128	160.895	195.379	131.733	6.859	0.11436	2.42185	4 X
K09SA3E	17.2	0.15	K1128	167.307	162.053	161.045	6.622	0.15025	2.37597	8 X
K09SB00	16.5	0.15	K1128	114.613	60.997	291.275	3.978	0.16691	2.76972	6 X
K09SB3M	16.9	0.15	K1128	89.224	112.865	261.246	3.880	0.17467	3.02955	4 X
K09SC0R	16.8	0.15	K1128	69.992	173.517	241.962	2.791	0.09053	2.76849	7 X
K09SC2F	17.4	0.15	K1128	256.842	12.261	229.430	2.769	0.13277	2.33379	6 X
K09SC5D	16.9	0.15	K1128	136.623	36.112	312.887	3.833	0.15132	2.60852	3 X
K09SC6R	15.4	0.15	K1128	65.040	47.704	358.057	10.556	0.08333	3.10145	4 X
K09SC8Q	16.7	0.15	K1128	42.633	175.717	278.253	1.794	0.22797	3.00475	4 X
K09SD2R	15.2	0.15	K1128	26.045	57.869	31.616	11.183	0.06087	3.11774	4 X
K09SD2W	17.6	0.15	K1128	326.892	27.581	163.612	5.894	0.07813	2.32557	4 X
K09SD3H	17.2	0.15	K1128	300.634	69.617	138.971	3.230	0.12129	2.40439	5 X
K09SD5D	17.7	0.15	K1128	103.674	163.970	222.761	4.605	0.10043	2.75297	5 X
K09SD7S	17.6	0.15	K1128	248.881	54.088	200.188	6.045	0.11411	2.40842	5 X
K09SE2P	16.5	0.15	K1128	42.579	245.257	199.160	6.170	0.04128	2.76755	5 X
K09SF3H	17.2	0.15	K1128	93.586	35.668	338.299	5.049	0.11492	2.71587	5 X
K09SF5R	15.4	0.15	K1128	15.749	97.372	12.576	16.255	0.19656	3.11279	3 X
K09SF8G	16.6	0.15	K1128	115.623	94.853	277.260	3.562	0.08373	2.77681	4 X
K09SG0S	17.3	0.15	K1128	148.248	35.375	307.962	1.581	0.07271	2.67222	7 X
K09SG4R	15.4	0.15	K1128	88.731	350.875	40.756	10.217	0.09718	3.10312	4 X
K09SG7G	18.5	0.15	K1128	160.686	151.158	179.302	3.341	0.14290	2.29044	4 X
K09SG8U	16.8	0.15	K1128	108.980	60.223	303.282	6.716	0.24136	2.76041	4 X
K09SI5L	17.4	0.15	K1128	120.937	119.816	244.814	4.132	0.07811	2.74999	3 X
K09SI8K	16.8	0.15	K1128	302.659	87.362	113.121	5.359	0.13053	2.60859	3 X
K09SJ2W	18.1	0.15	K1128	192.507	92.746	212.478	4.145	0.19805	2.24920	6 X
K09SJ4Y	17.8	0.15	K1128	90.249	150.173	245.777	1.854	0.08645	2.70847	3 X
K09SJ9C	18.1	0.15	K1128	313.067	227.554	347.508	6.686	0.12586	2.15623	3 X
K09SK2P	16.1	0.15	K1128	51.906	253.957	171.151	5.591	0.15628	3.19747	5 X
K09SK3F	16.8	0.15	K1128	56.608	279.541	160.099	5.728	0.06239	2.71800	6 X
K09SK4V	17.6	0.15	K1128	304.085	354.921	222.529	1.855	0.12145	2.30510	4 X
K09SL4H	18.0	0.15	K1128	177.914	135.867	186.947	3.996	0.16461	2.33039	5 X
K09SL7H	16.4	0.15	K1128	93.006	0.701	15.476	11.351	0.09398	2.91347	4 X
K09SM4P	15.8	0.15	K1128	38.896	67.363	30.764	15.207	0.11981	2.84794	4 X
K09SM8X	17.2	0.15	K1128	152.375	130.740	206.907	2.198	0.12983	2.66802	3 X
K09SN2Q	16.0	0.15	K1128	47.304	344.324	78.619	4.939	0.10116	2.99277	3 X
K09SN3Z	17.2	0.15	K1128	140.711	222.589	150.066	5.067	0.10767	2.24367	8 X
K09SN7R	14.9	0.15	K1128	63.447	7.756	33.989	17.662	0.19598	3.15880	5 X
K09SN8J	16.8	0.15	K1128	113.673	261.012	133.273	6.710	0.13827	2.39863	5 X
K09SO1N	16.9	0.15	K1128	200.552	351.537	297.076	10.341	0.24096	2.30768	6 X
K09SO2U	15.7	0.15	K1128	95.169	50.401	311.985	6.281	0.37682	3.13607	4 X
K09SO4L	17.1	0.15	K1128	142.508	217.859	131.040	3.685	0.06582	2.69945	4 X
K09SP3E	17.1	0.15	K1128	306.262	225.997	323.848	1.830	0.12771	2.75517	7 X
K09SP7Q	16.7	0.15	K1128	119.917	47.761	312.838	12.843	0.18122	2.57257	3 X
K09SP8O	17.4	0.15	K1128	128.592	251.737	93.060	2.474	0.10455	2.73937	5 X
K09SR8H	17.1	0.15	K1128	150.000	264.509	66.271	3.354	0.10287	2.61701	5 X
K09SS7R	16.6	0.15	K1128	18.946	151.205	311.225	5.055	0.01161	2.86178	2 X
K09SS9O	15.9	0.15	K1128	146.768	172.211	170.931	7.176	0.06240	2.67991	4 X
K09SS9P	16.2	0.15	K1128	93.727	220.175	156.958	4.922	0.23405	3.07436	4 X
K09ST9Z	13.8	0.15	K1128	66.470	261.190	96.550	6.117	0.08597	5.23268	2 W
K09SU7L	15.6	0.15	K1128	28.184	10.227	74.501	3.912	0.13291	3.24710	5 X
K09SU9G	17.0	0.15	K1128	136.324	165.315	179.520	6.641	0.18064	2.42904	5 X
K09SW6V	16.3	0.15	K1128	82.448	251.128	188.720	14.445	0.26439	2.66133	5 X
K09SX8M	14.9	0.15	K1128	78.024	10.727	43.424	9.773	0.12259	3.04733	7 X
K09SX9W	15.1	0.15	K1128	2.126	91.304	105.578	17.155	0.07587	3.17296	3 X
K09SY7Z	17.8	0.15	K1128	333.689	9.944	174.983	5.037	0.09466	2.28032	5 X

K09SY8A	15.5	0.15	K1128	48.618	148.716	288.339	8.852	0.08261	3.00659	4 X
K09SY8H	15.3	0.15	K1128	65.504	330.759	74.362	19.806	0.21433	3.13739	3 X
K09SZ0N	16.1	0.15	K1128	17.394	46.170	63.145	3.505	0.12996	3.06700	4 X
K09SZ1H	16.8	0.15	K1128	212.950	16.505	281.696	5.116	0.17486	2.29121	6 X
K09SZ7A	16.6	0.15	K1128	154.018	142.839	181.776	0.777	0.05595	3.00894	5 X
K09SZ7G	16.1	0.15	K1128	185.899	88.880	215.282	5.565	0.04298	2.80730	3 X
K09Sa0P	15.5	0.15	K1128	333.223	36.750	124.245	12.774	0.02233	3.09396	6 X
K09T00Z	16.0	0.15	K1128	175.696	34.720	281.013	10.475	0.06017	2.70036	5 X
K09T06Y	16.4	0.15	K1128	109.160	73.467	322.283	7.361	0.06638	2.64701	6 X
K09T11D	16.0	0.15	K1128	100.464	216.068	158.432	6.005	0.18348	3.03737	6 X
K09T14V	16.2	0.15	K1128	219.699	72.343	205.556	5.304	0.09747	2.56095	3 X
K09T15V	15.6	0.15	K1128	39.970	325.928	119.261	8.665	0.12157	3.16127	4 X
K09T17B	15.2	0.15	K1128	134.264	246.293	94.224	11.294	0.10155	3.03276	5 X
K09T35M	16.5	0.15	K1128	126.565	198.198	177.676	2.367	0.16484	2.65648	5 X
K09T37P	16.5	0.15	K1128	173.326	54.559	265.354	5.118	0.01908	2.40970	7 X
K09T43H	16.8	0.15	K1128	23.367	43.750	79.739	4.940	0.03805	2.53310	4 X
K09T44B	16.8	0.15	K1128	289.984	112.408	131.916	6.871	0.11524	2.33903	5 X
K09T44S	16.0	0.15	K1128	221.783	80.053	193.733	5.419	0.03158	2.89060	7 X
K09U01V	16.2	0.15	K1128	66.182	116.331	302.896	12.191	0.09435	3.01650	2 X
K09U04B	16.6	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
K09U12C	16.5	0.15	K1128	164.732	97.719	222.892	6.190	0.27637	2.59751	4 X
K09U15Q	16.0	0.15	K1128	108.969	56.417	293.799	10.091	0.23284	3.04192	4 X
K09U17U	16.3	0.15	K1128	149.336	42.760	289.884	11.400	0.19057	2.60907	2 S
K09U22A	16.9	0.15	K1128	125.310	197.389	163.421	9.675	0.07066	2.78907	6 X
K09U26F	18.1	0.15	K1128	199.185	90.195	208.231	3.516	0.13506	2.35642	4 X
K09U27V	14.9	0.15	K1128	319.549	118.754	59.586	20.257	0.06187	3.14154	5 X
K09U46E	16.3	0.15	K1128	203.582	59.214	237.287	2.622	0.07196	2.80434	8 X
K09U68H	16.6	0.15	K1128	169.082	189.841	121.348	5.381	0.07978	2.79952	8 X
K09U70T	17.0	0.15	K1128	165.121	174.497	142.391	6.009	0.13443	2.65274	5 X
K09U72B	15.5	0.15	K1128	69.720	174.657	234.532	5.521	0.10757	3.39017	5 X
K09U80M	16.7	0.15	K1128	65.511	198.352	231.740	3.331	0.05158	2.75604	5 X
K09U87B	16.6	0.15	K1128	144.132	150.950	187.701	3.203	0.20398	2.73500	7 X
K09U89A	16.8	0.15	K1128	125.991	214.946	170.202	4.223	0.11316	2.58087	6 X
K09U89Y	16.0	0.15	K1128	54.547	193.183	242.614	3.629	0.10800	3.04542	7 X
K09U98H	16.3	0.15	K1128	347.393	316.838	192.645	3.677	0.02695	3.00517	7 X
K09UA7G	16.8	0.15	K1128	172.379	104.264	213.154	4.976	0.21230	2.68701	5 X
K09UA9Z	16.8	0.15	K1128	198.150	54.107	254.875	3.587	0.12830	2.62264	7 X
K09UB7B	17.1	0.15	K1128	230.689	311.765	314.881	4.978	0.01027	2.75647	3 S
K09UB7X	15.8	0.15	K1128	60.233	63.877	351.588	6.318	0.08651	3.08886	5 X
K09UC2M	15.6	0.15	K1128	47.129	9.888	56.480	12.970	0.04930	3.36972	4 X
K09UC7G	16.2	0.15	K1128	101.521	97.850	286.489	8.257	0.08080	2.69129	6 X
K09UD0V	16.3	0.15	K1128	114.011	61.858	299.279	7.058	0.21223	2.93195	5 X
K09UD4L	16.7	0.15	K1128	101.723	162.103	239.307	2.768	0.09535	2.80215	7 X
K09UD4Q	16.1	0.15	K1128	120.800	151.489	205.701	4.642	0.17000	3.06987	3 X
K09UD6L	14.8	0.15	K1128	53.530	323.296	116.228	28.880	0.14446	3.13459	5 X
K09UD6O	16.4	0.15	K1128	98.261	321.052	80.844	5.834	0.09345	2.79888	5 X
K09UE2U	16.9	0.15	K1128	96.219	173.745	220.650	4.056	0.10078	3.10687	4 X
K09UF4Y	16.7	0.15	K1128	342.906	292.620	242.591	2.946	0.04077	2.34749	6 X
K09V04G	16.7	0.15	K1128	173.253	49.492	269.497	4.332	0.13010	2.79050	4 X
K09V09W	15.6	0.15	K1128	88.419	326.701	81.746	6.020	0.12479	3.12901	4 X
K09V26Y	16.5	0.15	K1128	110.096	102.497	260.891	5.674	0.21631	3.18449	3 X
K09V27M	16.8	0.15	K1128	136.647	129.727	218.462	4.315	0.16928	2.94151	5 X
K09V34Y	16.1	0.15	K1128	208.714	25.430	265.612	3.993	0.10083	2.73591	6 X
K09V38J	15.1	0.15	K1128	242.445	204.404	48.781	16.662	0.05468	3.09738	3 X
K09V41Q	16.4	0.15	K1128	129.798	276.937	104.411	3.394	0.15240	2.64638	6 X
K09V42D	16.7	0.15	K1128	42.782	310.221	176.999	8.931	0.18597	2.72695	4 X
K09V42Y	15.8	0.15	K1128	117.976	111.364	266.278	4.063	0.06716	3.01980	4 X
K09V45E	16.5	0.15	K1128	265.009	268.018	19.005	6.089	0.04477	2.18244	5 X
K09V49J	16.9	0.15	K1128	243.924	14.459	270.734	4.144	0.13183	2.31215	4 X
K09V59G	15.3	0.15	K1128	128.912	195.857	159.649	11.478	0.10341	2.96831	6 X
K09V66V	16.1	0.15	K1128	284.802	304.367	272.448	4.364	0.07110	3.20533	5 X
K09V72M	15.3	0.15	K1128	23.342	38.429	73.692	11.764	0.05308	3.10281	3 X
K09V74A	16.8	0.15	K1128	87.801	177.676	216.787	1.865	0.12343	3.07441	5 X
K09V89L	16.3	0.15	K1128	118.149	87.809	286.555	8.484	0.10488	3.08458	3 X
K09V92D	16.3	0.15	K1128	66.457	82.195	1.161	1.890	0.10813	2.99875	6 X
K09V92V	15.6	0.15	K1128	56.369	134.338	317.801	9.404	0.08627	2.98792	6 X
K09V93Z	16.4	0.15	K1128	102.474	226.923	179.627	4.640	0.07476	2.76815	6 X
K09V94F	16.8	0.15	K1128	64.791	40.113	50.319	2.959	0.07945	2.92281	4 X
K09V94Z	17.0	0.15	K1128	203.570	142.251	156.671	2.527	0.18907	2.67679	6 X
K09VA5J	16.0	0.15	K1128	142.776	52.822	310.603	6.843	0.19613	2.56114	3 X
K09VB2F	16.1	0.15	K1128	104.820	204.997	177.632	6.904	0.13538	3.03772	6 X
K09VB5K	15.2	0.15	K1128	140.917	278.031	68.713	17.709	0.12594	2.86133	5 X
K09W09M	16.2	0.15	K1128	64.790	313.050	165.010	3.287	0.10273	2.55073	6 X
K09W10X	15.2	0.15	K1128	290.388	145.123	59.549	5.048	0.02600	3.21297	6 X
K09W23Y	15.7	0.15	K1128	52.405	136.231	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
K09W31Q	16.4	0.15	K1128	220.745	96.149	204.725	2.370	0.14159	2.52813	4 X
K09W41M	15.7	0.15	K1128	53.329	248.062	201.997	7.993	0.09190	3.14280	4 X
K09W41Y	16.7	0.15	K1128	239.540	245.974	41.905	2.556	0.03298	2.86059	4 X
K09W66X	16.6	0.15	K1128	101.335	227.228	150.053	1.502	0.16841	3.14518	6 X
K09W68M	16.6	0.15	K1128	104.940	221.647	185.906	5.441	0.04913	2.79624	6 X

K09W75Q	16.9	0.15	K1128	142.191	208.879	166.134	2.473	0.10316	2.64929	6 X
K09W81S	14.9	0.15	K1128	219.945	171.780	102.025	11.629	0.06234	3.13790	4 X
K09W87W	15.2	0.15	K1128	206.058	248.070	49.038	10.875	0.08537	3.00982	5 X
K09WA2T	16.6	0.15	K1128	93.274	239.332	178.189	5.732	0.09226	2.90290	5 X
K09WF2G	13.0	0.15	K1128	215.647	344.613	251.840	29.220	0.00515	5.22106	2 W
K09WF9S	15.6	0.15	K1128	204.720	18.029	272.198	7.967	0.03894	3.12796	5 X
K09WG9D	17.0	0.15	K1128	154.098	198.003	166.595	2.699	0.11590	2.59671	5 X
K09WH2F	15.3	0.15	K1128	333.354	254.245	272.807	7.864	0.08314	3.21917	6 X
K09WH5N	16.8	0.15	K1128	86.825	96.274	333.410	5.499	0.04441	2.77948	4 X
K09WH6F	16.1	0.15	K1128	64.179	75.253	4.358	4.521	0.15596	3.16486	4 X
K09WH8S	16.5	0.15	K1128	186.070	25.105	303.290	5.125	0.05937	2.76919	4 X
K09WI0A	17.2	0.15	K1128	230.438	118.449	176.332	1.977	0.06173	2.64814	6 X
K09WJ1L	16.8	0.15	K1128	95.227	148.569	250.961	1.493	0.15190	3.04929	5 X
K09WJ3N	16.5	0.15	K1128	254.391	213.483	42.773	3.056	0.03487	2.72834	8 X
K09WJ5G	16.2	0.15	K1128	60.368	300.061	181.700	5.633	0.11077	2.56967	8 X
K09WJ7L	16.1	0.15	K1128	300.379	88.067	124.025	8.441	0.04014	2.97378	3 X
K09WK5B	16.7	0.15	K1128	111.317	84.780	135.196	3.061	0.10307	2.81238	4 X
K09WL7N	16.1	0.15	K1128	55.243	266.429	177.467	5.674	0.14315	3.15421	5 X
K09WL7Z	15.1	0.15	K1128	81.779	322.235	106.797	10.953	0.05579	3.04933	3 X
K09WM2X	16.5	0.15	K1128	204.395	118.478	180.721	4.097	0.04836	2.77899	7 X
K09W08Z	16.3	0.15	K1128	164.510	183.474	146.137	4.819	0.09195	2.87527	5 X
K09WP1Q	15.6	0.15	K1128	135.215	244.128	122.294	9.987	0.13235	3.01319	5 X
K09X12X	16.3	0.15	K1128	171.479	174.427	175.521	1.526	0.09293	2.57548	8 X
K09Y07W	17.3	0.15	K1128	95.948	272.984	200.346	1.059	0.14383	2.45267	5 X
K10A99C	16.0	0.15	K1128	50.250	304.086	143.942	6.615	0.22422	2.98532	4 X
K10B70F	15.3	0.15	K1128	56.099	313.110	115.855	12.049	0.07145	3.18408	4 X
K10J00G	20.9	0.15	K1128	131.621	292.040	49.786	23.308	0.31986	1.19068	2 S
K10MA7T	16.2	0.15	K1128	34.053	173.929	195.107	7.939	0.30700	2.66351	4 W
K10MA8U	17.1	0.15	K1128	10.961	191.454	209.670	1.562	0.20414	2.66910	4 X
K10NA1X	16.6	0.15	K1128	352.305	33.816	39.234	8.713	0.22104	2.70350	5 X
K10O61M	16.2	0.15	K1128	16.463	226.388	180.267	14.139	0.23639	2.77790	4 W
K10OC0U	15.0	0.15	K1128	341.866	74.499	19.531	18.887	0.21431	3.06236	2 W
K10P26Q	17.3	0.15	K1128	45.963	116.477	270.673	4.123	0.13032	2.21257	2 X
K10P78J	15.6	0.15	K1128	37.029	306.092	69.768	9.152	0.28063	3.04610	4 X
K10R65D	16.2	0.15	K1128	32.836	118.070	231.799	6.312	0.14615	2.46087	5 X
K10RB2W	17.9	0.15	K1128	12.231	123.019	284.377	4.602	0.20930	2.35435	3 X
K10RD6M	16.6	0.15	K1128	10.199	14.723	30.787	6.708	0.13020	2.44086	5 X
K10RF4A	17.4	0.15	K1128	0.067	121.879	301.326	3.877	0.27643	2.63714	3 X
K10RG6V	17.7	0.15	K1128	53.858	180.486	182.389	1.228	0.27376	2.14958	5 X
K10TD7Z	16.4	0.15	K1128	55.354	338.589	43.018	7.935	0.35091	2.56957	4 X
K10TG6A	16.0	0.15	K1128	10.478	344.773	77.459	5.644	0.13791	3.06476	2 X
K10TH4R	15.5	0.15	K1128	351.991	7.926	63.190	18.165	0.23513	3.09291	3 X
K10TH9Z	17.0	0.15	K1128	33.189	330.869	43.684	7.080	0.14066	2.44031	7 X
K10U22W	17.9	0.15	K1128	26.974	320.765	84.181	1.037	0.25901	2.32121	3 S
K10U25L	16.2	0.15	K1128	46.055	302.211	84.031	2.972	0.13371	3.12588	6 X
K10U26L	16.7	0.15	K1128	31.993	156.971	239.854	3.126	0.10779	2.77373	5 X
K10U27N	17.1	0.15	K1128	351.078	228.376	224.423	2.600	0.15437	2.59454	5 X
K10U58F	15.9	0.15	K1128	355.113	170.232	278.095	3.694	0.11035	3.32226	6 X
K10U58Z	17.3	0.15	K1128	13.448	174.809	258.906	1.898	0.22369	2.56195	2 X
K10U60C	17.7	0.15	K1128	42.431	110.236	277.343	1.326	0.23833	2.61812	3 X
K10U60E	16.3	0.15	K1128	41.734	127.724	264.694	3.040	0.20387	2.58229	5 X
K10U73A	16.8	0.15	K1128	25.031	322.174	75.469	5.763	0.31158	2.77624	3 X
K10U73E	17.4	0.15	K1128	19.440	341.565	77.242	5.875	0.15668	2.28729	3 X
K10U76K	17.1	0.15	K1128	67.833	29.986	320.164	3.983	0.23801	2.61238	5 X
K10U76R	16.2	0.15	K1128	30.735	126.603	260.034	9.378	0.26596	3.00433	2 X
K10U76U	17.0	0.15	K1128	3.263	161.011	287.083	5.549	0.10368	2.44103	4 X
K10U77C	13.0	0.15	K1128	108.158	61.252	262.058	18.493	0.06459	5.19732	4 X
K10U81E	17.4	0.15	K1128	27.702	342.704	59.778	1.850	0.22526	2.40415	5 X
K10U84T	16.4	0.15	K1128	55.669	98.499	262.214	6.802	0.22453	2.61004	4 X
K10U97O	16.6	0.15	K1128	355.223	358.977	88.171	4.656	0.16526	2.73696	3 X
K10V14L	17.5	0.15	K1128	43.317	299.408	78.499	3.907	0.22843	2.41715	4 X
K10V45O	17.7	0.15	K1128	27.292	317.803	78.080	3.073	0.30974	2.62942	2 X
K10V47Q	17.9	0.15	K1128	42.793	107.876	293.565	2.541	0.11335	2.24244	4 X
K10V47T	16.1	0.15	K1128	353.899	187.820	263.342	8.383	0.03540	3.06683	3 X
K10V86N	17.3	0.15	K1128	19.986	336.601	75.529	5.292	0.25757	2.67825	3 X
K10V90X	16.7	0.15	K1128	58.518	71.521	294.202	2.592	0.24002	2.57081	3 X
K10V91H	16.1	0.15	K1128	92.689	352.704	349.199	1.501	0.07669	2.86214	5 X
K10V91P	17.3	0.15	K1128	45.157	74.304	312.628	0.988	0.20453	2.60863	4 X
K10V91Q	17.4	0.15	K1128	65.006	115.865	260.549	3.590	0.09129	2.31614	4 X
K10V96O	16.1	0.15	K1128	45.986	313.633	66.193	1.368	0.25947	2.97769	3 X
K10V96S	17.6	0.15	K1128	27.380	191.167	212.929	1.808	0.18816	2.40266	4 X
K10V99J	15.0	0.15	K1128	327.173	261.343	231.463	23.992	0.30868	3.17278	3 X
K10V99K	17.2	0.15	K1128	101.641	72.028	246.668	0.460	0.17687	2.17527	5 X
K10VA4K	16.4	0.15	K1128	32.048	194.805	194.699	1.821	0.20193	3.04610	5 X
K10VB1T	16.8	0.15	K1128	320.685	48.784	81.650	6.402	0.13374	2.62383	4 X
K10VB2O	16.7	0.15	K1128	335.756	309.937	160.063	1.820	0.10739	2.62883	4 X
K10VD0X	16.4	0.15	K1128	356.495	186.386	259.454	3.931	0.13026	2.70999	4 X
K10VG0C	16.4	0.15	K1128	29.484	308.684	95.960	8.836	0.24222	3.06964	2 X
K10VG1R	15.8	0.15	K1128	76.385	105.422	243.245	12.650	0.05872	3.12341	5 X
K10VG5G	17.5	0.15	K1128	23.564	154.086	263.796	4.996	0.21368	2.55108	3 X
K10VH1X	16.3	0.15	K1128	46.108	344.941	48.667	2.184	0.08724	2.58242	6 X
K10VH2S	18.5	0.15	K1128	15.238	45.817	26.982	1.504	0.16201	2.36737	4 X

K10VH3M	16.2	0.15	K1128	63.023	301.091	56.509	2.322	0.23747	2.99865	4 X
K10VH3X	18.3	0.15	K1128	15.582	177.330	248.260	3.852	0.17247	2.25605	4 X
K10VH8L	17.4	0.15	K1128	317.901	254.433	235.327	2.119	0.12249	2.64447	6 X
K10VH8O	16.2	0.15	K1128	34.087	152.522	237.805	4.255	0.16032	2.99430	2 X
K10VJ8E	17.6	0.15	K1128	12.793	345.795	79.004	5.547	0.22705	2.57989	2 X
K10W35U	17.2	0.15	K1128	16.158	351.232	76.360	7.000	0.16952	2.55449	2 X
K10W47J	16.7	0.15	K1128	96.530	276.762	65.131	5.155	0.07810	2.76153	5 X
K10W52B	17.9	0.15	K1128	12.141	120.420	319.772	1.120	0.16822	2.30160	4 X
K10W52C	18.1	0.15	K1128	8.837	83.640	1.470	1.376	0.13477	2.22957	4 X
K10W53L	17.4	0.15	K1128	73.022	71.366	277.387	3.645	0.25002	2.33587	5 X
K10W55W	15.4	0.15	K1128	359.220	19.976	94.806	9.068	0.06733	3.24683	4 X
K10W62E	17.3	0.15	K1128	91.260	81.403	259.816	3.983	0.17104	2.31855	3 X
K10W65D	17.2	0.15	K1128	21.991	156.962	270.790	4.972	0.10047	2.32606	2 X
K10W67E	16.5	0.15	K1128	36.349	134.482	273.163	4.961	0.07604	2.68517	2 X
K10W67O	17.4	0.15	K1128	35.587	123.484	272.364	3.270	0.28696	2.62230	2 X
K10X01H	15.3	0.15	K1128	63.115	275.954	71.475	26.864	0.22642	3.08923	4 X
K10X03C	17.3	0.15	K1128	51.455	293.666	84.259	8.171	0.22453	2.33909	3 X
K10X03Q	16.6	0.15	K1128	315.404	60.329	70.629	13.160	0.07353	2.52394	4 X
K10X19E	16.1	0.15	K1128	352.651	4.349	96.703	15.546	0.04710	2.56849	3 X
K10X19L	16.8	0.15	K1128	7.482	157.807	313.163	6.542	0.30588	2.62675	5 X
K10X21C	15.6	0.15	K1128	346.851	42.886	73.100	26.238	0.22546	3.18900	3 X
K10X35Z	14.9	0.15	K1128	199.036	164.561	82.151	16.352	0.05725	3.08716	5 X
K10X36E	15.5	0.15	K1128	358.834	358.090	95.475	9.726	0.20212	3.07091	2 X
K10X38M	15.3	0.15	K1128	71.869	307.056	82.028	6.055	0.10911	3.23720	6 X
K10X42T	16.8	0.15	K1128	33.422	335.885	106.574	9.220	0.17232	2.57682	2 X
K10X45H	15.6	0.15	K1128	27.159	334.003	76.724	10.463	0.12956	3.14361	3 X
K10Y01O	17.1	0.15	K1128	9.022	145.054	318.961	5.227	0.07001	2.35858	6 X
K10Y03C	16.6	0.15	K1128	20.198	116.812	344.042	6.362	0.08653	2.40342	5 X
K10Y03R	16.0	0.15	K1128	81.924	67.123	308.781	22.442	0.21208	2.34406	2 X
K11A06L	15.1	0.15	K1128	49.214	97.980	314.441	14.908	0.22461	3.10797	2 X
K11A20A	16.8	0.15	K1128	354.208	4.280	131.728	6.475	0.25516	2.89243	2 S
K11A30B	17.0	0.15	K1128	349.035	187.950	307.130	6.994	0.04882	2.63328	4 S
K11A59G	18.0	0.15	K1128	101.698	233.980	130.348	3.072	0.16749	2.39244	2 S
K11A74C	16.1	0.15	K1128	48.103	330.651	89.655	8.968	0.10834	2.69782	4 X
T2S5055	17.0	0.15	K1128	58.552	104.325	297.586	6.509	0.30026	2.74556	3 X

New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc C
K10L86F	17.3	0.15	K1128	15.844	165.234	257.029	13.543	0.45996	2.40649	232 X
K10N14U	16.7	0.15	K1128	24.730	243.246	145.984	5.549	0.29352	2.61955	206 W
K10O59M	16.1	0.15	K1128	91.361	83.649	233.836	11.039	0.01228	2.91075	188 X
K10OB4G	15.0	0.15	K1128	258.775	283.243	237.665	17.345	0.09566	3.23387	182 X
K10RG7K	16.1	0.15	K1128	6.017	240.117	184.048	13.380	0.35005	3.02042	144 X
K10RI1F	20.7	0.15	K1128	25.315	2.121	51.188	6.250	0.54709	2.20862	139 X
K10TA1B	15.0	0.15	K1128	355.417	182.382	243.064	15.529	0.28270	3.09777	200 X
K10U07T	19.5	0.15	K1128	74.944	277.174	65.940	25.428	0.66073	1.58338	91 X
K10U31Q	15.3	0.15	K1128	1.612	12.941	37.085	16.551	0.10118	3.18545	188 X
K10U48Q	17.5	0.15	K1128	38.580	298.496	71.941	3.003	0.34374	2.75619	182 X
K10U56J	15.4	0.15	K1128	133.210	44.324	248.450	9.618	0.06303	3.17997	111 X
K10U88H	16.3	0.15	K1128	359.812	189.947	252.564	13.882	0.29927	3.08431	90 X
K10U97X	16.6	0.15	K1128	39.552	307.227	71.530	13.489	0.20330	3.11894	92 X
K10UA6L	15.4	0.15	K1128	38.340	118.714	265.939	14.847	0.24173	3.11756	90 X
K10VC8Q	18.0	0.15	K1128	17.422	161.653	256.855	4.981	0.26586	2.41328	80 X
K10VK1O	17.8	0.15	K1128	342.497	65.325	89.554	26.987	0.10827	1.87920	84 X
K10W08Z	20.6	0.15	K1128	8.637	200.175	284.373	3.708	0.50247	1.97407	60 S
K10W65E	17.3	0.15	K1128	347.232	198.227	270.578	5.605	0.09251	2.35236	78 X
K10W71M	16.5	0.15	K1128	36.334	123.047	269.153	13.652	0.27808	2.66820	77 X
K10X44C	14.9	0.15	K1128	159.695	20.871	259.647	20.747	0.06916	3.10991	90 X
K10X51P	18.6	0.15	K1128	23.009	304.525	109.821	15.273	0.52877	2.62355	50 X
K10X58W	24.7	0.15	K1128	38.600	290.639	126.178	0.039	0.39914	1.60553	48 X
K10Y00B	20.8	0.15	K1128	33.934	94.145	314.752	3.604	0.49465	1.82202	43 X
K10Y00H	20.0	0.15	K1128	349.178	270.686	274.257	12.180	0.64195	2.21177	33 X
K11A05G	21.9	0.15	K1128	334.452	53.503	135.735	3.682	0.39047	1.43036	21 X
K11A05K	21.5	0.15	K1128	211.440	325.583	316.954	5.510	0.22994	1.18806	20 X
K11A12M	19.4	0.15	K1128	48.102	237.625	124.887	38.518	0.53749	1.85320	20 X
K11A24M	20.4	0.15	K1128	145.145	214.613	127.281	9.183	0.15042	1.17867	17 X
K11A26R	20.2	0.15	K1128	99.754	48.232	308.497	24.391	0.40503	1.35580	17 X
K11A26T	21.6	0.15	K1128	30.962	122.652	245.411	1.717	0.69853	2.40933	17 X
K11A37F	20.7	0.15	K1128	2.745	357.733	133.483	14.128	0.37986	1.99638	15 X
K11A37H	19.6	0.15	K1128	23.402	322.274	102.235	9.658	0.67246	2.55309	21 X
K11A37K	25.1	0.15	K1128	10.618	321.620	118.972	3.611	0.65895	2.86087	15 X
K11A37P	17.4	0.15	K1128	299.091	242.140	309.310	18.869	0.05718	1.90764	46 X
K11B10V	24.5	0.15	K1128	351.744	215.094	312.904	6.167	0.50668	1.99594	4 X
K11B10X	18.3	0.15	K1128	7.144	348.517	78.836	9.828	0.66310	3.04478	5 W
K11B11V	23.4	0.15	K1128	343.131	265.746	311.090	6.283	0.66757	1.96017	3 X
K11B15T	21.9	0.15	K1128	37.792	309.129	105.352	1.709	0.31777	1.32398	5 W
K11B18W	19.2	0.15	K1128	6.441	335.303	96.491	4.757	0.56272	2.49496	5 H
K11B18X	18.0	0.15	K1128	320.734	299.985	312.546	13.152	0.70231	2.74481	2 H
K11B18Y	20.6	0.15	K1128	16.233	240.128	135.280	3.692	0.79010	2.34927	2 W
K11B18Z	21.7	0.15	K1128	352.707	253.651	298.259	13.779	0.70815	3.05463	1 X
K11B19A	26.0	0.15	K1128	297.164	291.619	307.915	21.566	0.33039	1.02614	1 H
K11B19B	21.6	0.15	K1128	17.910	336.678	120.924	20.605	0.42434	1.88693	1 W

K11B24E	25.4	0.15	K1128	355.222	102.917	55.900	0.930	0.53662	2.09274	0 K
K11B24F	26.0	0.15	K1128	335.630	244.364	307.277	7.819	0.35875	1.37994	0 K
K11B24G	25.9	0.15	K1128	348.488	218.341	305.673	1.524	0.32377	1.41165	1 H

New one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K08T24W	15.8	0.15	K08A1	323.063	5.185	52.156	5.908	0.11776	3.06674	2	W
K10T92P	17.3	0.15	K10BK	346.941	179.850	229.006	6.916	0.16653	2.26194	132	X
K10U77Y	17.1	0.15	K10CA	55.782	99.473	260.616	10.442	0.16898	2.59316	90	X
K10U97S	17.3	0.15	K10CA	0.663	335.880	85.759	6.550	0.11430	2.47564	92	X
K10V39W	16.6	0.15	K10CA	347.602	182.388	255.394	12.743	0.12529	2.66584	84	X
K10V62J	14.3	0.15	K10CA	257.662	289.793	260.131	20.556	0.11207	3.07990	84	X
K10VF2U	16.1	0.15	K10CA	25.107	325.959	68.808	10.495	0.03982	3.14282	82	X
K10VF3F	16.9	0.15	K10CA	26.758	108.480	273.056	3.597	0.22213	2.59595	82	X
K10VK1A	16.3	0.15	K10CA	6.998	143.759	276.084	12.640	0.24324	2.69199	77	X
K10W00M	16.4	0.15	K10CA	253.039	305.896	222.715	1.418	0.00547	2.68896	91	X
K10W10H	16.4	0.15	K10CA	124.738	39.914	253.625	8.078	0.03666	2.58772	64	X
K10W13L	16.8	0.15	K10CA	352.127	4.163	69.183	12.226	0.14920	3.13428	63	X
K10W64C	15.8	0.15	K10CA	43.419	300.176	80.985	12.463	0.12433	3.10239	83	X
K10W68O	17.0	0.15	K10CU	325.978	207.886	269.688	6.083	0.04118	2.31390	59	X
K10W72D	15.3	0.15	K10CA	169.558	359.083	253.251	8.543	0.05206	3.03981	83	X
K10W72F	15.0	0.15	K10CU	184.718	175.715	74.539	19.052	0.04994	3.07893	59	X
K10X14Y	16.7	0.15	K10CU	356.884	355.009	89.300	13.465	0.15779	2.72643	55	X
K10X33Q	15.9	0.15	K10CU	0.815	0.305	76.536	13.844	0.10768	3.00772	57	X
K10X38T	12.8	0.15	K10CU	352.810	1.045	83.776	27.481	0.06663	5.27888	56	X
K10X55X	16.6	0.15	K10CA	355.764	192.822	309.746	4.618	0.10200	2.74986	77	X
K10Y04C	16.4	0.15	K10CU	309.394	210.347	334.595	7.753	0.22207	2.72157	30	X
K11A05W	15.9	0.15	K10CU	343.264	190.978	308.284	26.325	0.15833	2.78584	25	X
K11A11S	15.6	0.15	K10CU	133.533	29.024	303.862	9.837	0.10107	2.97482	25	X
K11A13L	15.2	0.15	K10CU	353.630	162.798	311.001	14.400	0.21701	3.18859	24	X
K11A13X	15.9	0.15	K10CU	158.606	209.523	104.004	12.295	0.07923	2.68471	23	X
K11A14N	17.5	0.15	K10CU	327.571	92.474	68.358	4.805	0.20287	2.58743	20	X
K11A14X	15.7	0.15	K10CU	351.524	172.185	313.776	16.251	0.17962	3.06270	20	X
K11A16K	15.8	0.15	K10CU	340.773	37.973	105.228	6.618	0.13788	3.15118	23	X
K11A21T	17.8	0.15	K111J	19.275	2.007	94.800	3.664	0.12248	2.27700	19	X
K11A22J	15.2	0.15	K111J	269.249	126.400	101.362	15.147	0.16171	3.06819	18	X
K11A24C	16.8	0.15	K10CU	356.850	141.921	329.131	5.859	0.06988	2.38319	24	X
K11A24E	17.6	0.15	K10CU	337.647	175.916	327.233	3.989	0.15276	2.43666	23	X
K11A25C	18.5	0.15	K10CU	29.900	303.841	124.912	18.975	0.21232	1.94236	47	X
K11A27H	16.6	0.15	K10CU	4.005	171.637	299.921	28.740	0.27078	2.77892	23	X
K11A27M	18.4	0.15	K10CU	96.625	69.910	296.334	16.282	0.09342	1.97445	51	S
K11A28L	16.9	0.15	K111J	9.000	143.550	315.253	6.186	0.22343	2.63257	17	X
K11A30H	18.0	0.15	K111J	300.222	73.982	115.061	6.481	0.11052	2.25688	19	X
K11A30J	16.5	0.15	K111J	20.315	150.443	298.045	16.281	0.17926	3.14763	19	X
K11A30K	19.3	0.15	K111J	15.417	151.658	302.110	1.759	0.21579	2.30692	19	X
K11A30L	17.1	0.15	K111J	41.297	114.067	298.418	12.214	0.25382	2.63947	19	X
K11A34H	16.1	0.15	K10CU	291.193	61.015	141.270	2.988	0.05740	2.70965	50	X
K11A34M	17.8	0.15	K111J	80.198	161.402	229.021	2.592	0.17336	2.23049	17	X
K11A36D	17.1	0.15	K111J	295.188	284.985	285.329	6.024	0.13817	2.31528	17	S
K11A40T	18.0	0.15	K111J	23.835	145.453	304.045	16.379	0.08860	2.52918	18	X
K11A43Q	16.1	0.15	K111J	35.000	324.980	118.364	10.634	0.11469	3.03786	18	X
K11A43U	16.0	0.15	K10CU	339.473	203.665	308.890	15.754	0.19786	3.18171	23	S
K11A44B	16.9	0.15	K111J	24.337	139.269	309.036	28.387	0.22796	3.19189	18	S
K11A44N	16.0	0.15	K111J	226.154	314.170	309.300	10.610	0.01964	3.08853	18	S
K11A45K	18.1	0.15	K111J	24.631	135.490	312.436	4.632	0.24601	2.57605	18	X
K11A45Q	17.2	0.15	K111J	290.082	264.811	300.861	13.502	0.06035	2.54178	18	S
K11A47F	15.4	0.15	K111J	207.359	168.003	99.379	11.616	0.02523	3.03201	17	X
K11A51W	17.9	0.15	K111J	7.590	10.545	109.732	6.127	0.22382	2.65111	15	S
K11A55T	16.1	0.15	K10CU	346.786	6.747	137.445	39.046	0.35786	3.23319	24	S
K11A57D	17.9	0.15	K111J	56.022	294.987	121.203	25.503	0.06449	1.94217	17	X
K11A59H	16.5	0.15	K111J	70.720	98.997	295.511	9.977	0.12480	3.03513	16	S
K11A59K	16.3	0.15	K111J	266.919	278.081	295.837	9.452	0.01407	2.56980	17	X
K11A60T	17.6	0.15	K111J	31.121	345.255	86.659	1.986	0.20171	3.00582	15	X
K11A61A	15.1	0.15	K111J	81.999	283.900	108.226	10.031	0.04065	3.11862	15	X
K11A61Q	17.0	0.15	K111J	338.967	31.140	116.761	4.926	0.17052	2.61912	15	X
K11A62F	15.6	0.15	K111J	306.407	236.563	309.553	17.951	0.16042	3.19314	15	X
K11A75E	17.0	0.15	K10CU	27.121	297.346	126.321	12.618	0.28544	2.64861	23	S
K11A76A	16.3	0.15	K111J	8.429	158.091	307.093	2.986	0.19553	3.17914	19	X
K11B02S	16.4	0.15	K111J	109.365	28.010	319.199	10.470	0.10455	3.04229	9	W
K11B11U	17.0	0.15	K111J	5.188	141.274	338.701	5.708	0.15055	2.42976	17	X
K11B19C	17.8	0.15	K111J	300.358	283.364	283.527	17.455	0.19794	2.07216	1	ES
K11B19Q	17.4	0.15	K111J	212.861	170.419	99.388	23.368	0.07094	1.89204	0	ES

New observations:

J99T12K	KC2011	01	24.13013	15	52	47.92	+43	33	51.2	18.7	RuEB056160
J99T12K	KC2011	01	24.13282	15	52	47.64	+43	33	46.3	18.8	RuEB056160
J99T12K	KC2011	01	24.13552	15	52	47.37	+43	33	41.4	18.8	RuEB056160
J99T12K	S2011	01	25.66389	15	50	14.54	+42	44	16.9	18	RLEB056C51
J99T12K	s2011	01	25.66389	1	-	3565.5396	-	2976.1831	+ 5100.3499		EB056C51
J99T12K	S2011	01	25.79620	15	50	01.20	+42	39	56.4		LEB056C51
J99T12K	s2011	01	25.79620	1	-	3583.2700	-	2995.7911	+ 5076.1274		EB056C51
J99T12K	S2011	01	25.86228	15	49	54.43	+42	37	46.1		LEB056C51

J99T12K	s2011	01	25.86228	1	-	3563.7814	-	2992.2193	+	5091.9274		EB056C51
J99T12K	S2011	01	25.92850	15	49	47.65	+42	35	36.3			LEB056C51
J99T12K	s2011	01	25.92850	1	-	3600.5752	-	3015.0154	+	5052.7156		EB056C51
J99T12K	S2011	01	25.99459	15	49	40.96	+42	33	26.0			LEB056C51
J99T12K	s2011	01	25.99459	1	-	3580.8668	-	3011.5164	+	5068.8512		EB056C51
J99T12K	S2011	01	26.19298	15	49	20.59	+42	26	53.9			LEB056C51
J99T12K	s2011	01	26.19298	1	-	3577.5367	-	3027.2756	+	5061.9263		EB056C51
J99T12K	S2011	01	26.25920	15	49	13.86	+42	24	42.2			LEB056C51
J99T12K	s2011	01	26.25920	1	-	3614.1005	-	3050.2464	+	5022.0827		EB056C51
J99T12K	JC2011	01	28.41950	15	45	27.23	+41	11	59.3		19.0	VoEB056695
J99T12K	JC2011	01	28.42039	15	45	27.12	+41	11	57.6		18.9	VoEB056695
J99T12K	JC2011	01	28.42104	15	45	27.04	+41	11	56.2		18.8	VoEB056695
K01D08Q	C2011	01	28.45907	12	31	48.32	+15	24	54.2		18.0	RuEB056H45
K01D08Q	C2011	01	28.45989	12	31	47.87	+15	24	56.3		18.0	RuEB056H45
K01D08Q	C2011	01	28.46104	12	31	47.21	+15	24	59.5		18.0	RuEB056H45
K01D08Q	C2011	01	28.46180	12	31	46.76	+15	25	01.6		18.0	RuEB056H45
K01D08Q	C2011	01	28.46281	12	31	46.19	+15	25	04.6		17.9	RuEB056H45
K01D08Q	C2011	01	28.46417	12	31	45.44	+15	25	08.2		18.0	RuEB056H45
K02004S	C2011	01	28.16764	05	18	37.31	+20	59	44.8		19.7	cEB056704
K02004S	C2011	01	28.18055	05	18	38.34	+20	59	14.6		19.7	cEB056704
K02004S	C2011	01	28.19344	05	18	39.45	+20	58	43.4		19.7	cEB056704
K03W25B	C2011	01	28.11781	01	49	04.40	+13	04	47.7		21.5	VrEB056G96
K03W25B	C2011	01	28.12375	01	49	05.44	+13	04	42.3		20.7	VrEB056G96
K03W25B	C2011	01	28.12972	01	49	06.52	+13	04	37.4		21.3	VrEB056G96
K03W25B	C2011	01	28.13574	01	49	07.57	+13	04	32.5		20.8	VrEB056G96
K05GB9W	C2011	01	28.38789	09	34	56.84	+08	57	42.6		18.5	RuEB056H45
K05GB9W	C2011	01	28.38921	09	34	56.75	+08	57	43.9		18.4	RuEB056H45
K05GB9W	C2011	01	28.39078	09	34	56.63	+08	57	44.4		18.8	RuEB056H45
K05GB9W	C2011	01	28.39265	09	34	56.49	+08	57	46.2		18.9	RuEB056H45
K05GB9W	C2011	01	28.39406	09	34	56.34	+08	57	47.1		18.8	RuEB056H45
K10J00G	JC2011	01	28.43560	11	35	22.00	+69	08	34.0		22.4	VoEB056695
K10J00G	JC2011	01	28.43841	11	35	21.34	+69	08	37.3		22.2	VoEB056695
K10J00G	JC2011	01	28.44076	11	35	20.79	+69	08	39.8		22.3	VoEB056695
K10L86F	C2011	01	28.18876	03	50	07.04	+09	30	29.2		18.9	VrEB056703
K10L86F	C2011	01	28.19389	03	50	07.90	+09	30	28.0		18.6	VrEB056703
K10L86F	C2011	01	28.19913	03	50	08.77	+09	30	27.4		18.7	VrEB056703
K10L86F	C2011	01	28.20431	03	50	09.70	+09	30	25.9		18.5	VrEB056703
K10L86F	C2011	01	29.24931	03	53	10.39	+09	27	13.2		19.0	VoEB056291
K10L86F	C2011	01	29.25304	03	53	11.03	+09	27	12.6		19.2	VoEB056291
K10L86F	C2011	01	29.26183	03	53	12.52	+09	27	10.9			oEB056291
K10RI1F	C2011	01	28.24520	08	44	54.56	+41	06	05.2		20.2	VrEB056703
K10RI1F	C2011	01	28.25098	08	44	54.06	+41	06	01.1		19.5	VrEB056703
K10RI1F	C2011	01	28.25675	08	44	53.59	+41	05	57.5		19.6	VrEB056703
K10RI1F	C2011	01	28.26254	08	44	53.16	+41	05	53.6		19.8	VrEB056703
K10RI1F	JC2011	01	28.35787	08	44	45.75	+41	04	40.8		20.1	VoEB056695
K10RI1F	JC2011	01	28.35942	08	44	45.63	+41	04	39.7		20.2	VoEB056695
K10RI1F	JC2011	01	28.36082	08	44	45.52	+41	04	38.5		20.0	VoEB056695
K10U07T	JC2011	01	28.45215	08	56	08.73	+61	42	14.6		21.7	VoEB056695
K10U07T	JC2011	01	28.45487	08	56	08.10	+61	42	15.0		21.9	VoEB056695
K10U07T	JC2011	01	28.45688	08	56	07.59	+61	42	15.4		22.2	VoEB056695
K10W08Z	JC2011	01	28.51131	14	25	36.10	-24	30	52.3		20.3	VoEB056695
K10W08Z	JC2011	01	28.51237	14	25	36.25	-24	30	53.7		20.3	VoEB056695
K10W08Z	JC2011	01	28.51321	14	25	36.38	-24	30	54.8		20.3	VoEB056695
K10X51P	C2011	01	28.28990	07	23	28.41	+29	38	39.0		19.2	cEB056704
K10X51P	C2011	01	28.30351	07	23	28.14	+29	38	53.8		19.3	cEB056704
K10X51P	C2011	01	28.31883	07	23	27.90	+29	39	11.2		19.3	cEB056704
K10X51P	C2011	01	28.33263	07	23	27.63	+29	39	25.0		19.4	cEB056704
K10X51P	C2011	01	28.34586	07	23	27.34	+29	39	39.4		19.3	cEB056704
K10X58W	C2011	01	28.43823	09	11	00.85	+16	15	43.5		21.2	RoEB056H01
K10X58W	C2011	01	28.45278	09	10	59.45	+16	15	48.6		21.5	RoEB056H01
K10X58W	C2011	01	28.46048	09	10	58.70	+16	15	51.3		21.6	RoEB056H01
K10Y00B	KC2011	01	24.07704	09	09	53.13	+19	11	19.1		18.9	RuEB056160
K10Y00B	KC2011	01	24.07977	09	09	52.74	+19	11	17.8		19.2	RuEB056160
K10Y00B	KC2011	01	24.08249	09	09	52.32	+19	11	16.6			uEB056160
K10Y00B	C2011	01	28.27094	09	01	16.04	+18	41	49.7		18.9	cEB056704
K10Y00B	C2011	01	28.27110	09	01	15.99	+18	41	50.1		19.1	cEB056704
K10Y00B	C2011	01	28.29306	09	01	13.25	+18	41	41.3		18.9	cEB056704
K10Y00B	C2011	01	28.29321	09	01	13.25	+18	41	41.7		19.2	cEB056704
K10Y00B	C2011	01	28.30671	09	01	11.56	+18	41	36.8		19.5	cEB056704
K10Y00B	C2011	01	28.30686	09	01	11.57	+18	41	35.9		19.2	cEB056704
K10Y00B	C2011	01	28.32161	09	01	09.68	+18	41	31.1		19.1	cEB056704
K10Y00B	C2011	01	28.32177	09	01	09.68	+18	41	30.6		19.2	cEB056704
K10Y00B	JC2011	01	28.32936	09	01	08.87	+18	41	28.3		19.1	VoEB056695
K10Y00B	JC2011	01	28.33016	09	01	08.76	+18	41	28.2		19.4	VoEB056695
K10Y00B	JC2011	01	28.33081	09	01	08.68	+18	41	27.9		19.4	VoEB056695
K10Y00B	C2011	01	28.33534	09	01	08.00	+18	41	25.6		19.0	cEB056704
K10Y00B	C2011	01	28.33550	09	01	07.96	+18	41	24.7		19.2	cEB056704
K10Y00H	C2011	01	28.16109	03	28	43.86	-02	34	56.2		18.9	VrEB056703
K10Y00H	C2011	01	28.16742	03	28	42.42	-02	35	24.7		18.8	VrEB056703
K10Y00H	C2011	01	28.17389	03	28	40.94	-02	35	53.1		19.2	VrEB056703
K10Y00H	C2011	01	28.18039	03	28	39.46	-02	36	22.2		19.2	VrEB056703
K11A05G	C2011	01	29.23255	04	14	22.54	+14	35	21.8		19.9	VoEB056291

K11A05G	C2011	01	29.23657	04	14	21.34	+14	35	24.0	19.9	VoEB056291
K11A05G	C2011	01	29.24037	04	14	20.19	+14	35	26.0	20.0	VoEB056291
K11A05K	JC2011	01	28.29250	06	34	54.36	+28	23	28.3	21.8	VoEB056695
K11A05K	JC2011	01	28.29446	06	34	54.12	+28	23	27.2	21.7	VoEB056695
K11A05K	JC2011	01	28.29611	06	34	53.93	+28	23	26.4	21.6	VoEB056695
K11A12M	JC2011	01	28.28093	06	00	28.08	+02	03	06.4	20.9	VoEB056695
K11A12M	JC2011	01	28.28248	06	00	28.04	+02	03	11.6	20.8	VoEB056695
K11A12M	JC2011	01	28.28321	06	00	28.01	+02	03	14.1	20.8	VoEB056695
K11A24M	C2011	01	28.27094	09	01	55.63	+18	05	07.9	18.8	cEB056704
K11A24M	C2011	01	28.27110	09	01	55.64	+18	05	09.4	19.2	cEB056704
K11A24M	C2011	01	28.29306	09	01	52.66	+18	05	51.1	19.1	cEB056704
K11A24M	C2011	01	28.29321	09	01	52.66	+18	05	53.2	19.2	cEB056704
K11A24M	C2011	01	28.30671	09	01	50.81	+18	06	17.6	19.6	cEB056704
K11A24M	C2011	01	28.30686	09	01	50.84	+18	06	19.7	19.5	cEB056704
K11A24M	C2011	01	28.32161	09	01	48.81	+18	06	46.2	19.4	cEB056704
K11A24M	C2011	01	28.32177	09	01	48.81	+18	06	47.7	19.2	cEB056704
K11A24M	C2011	01	28.33534	09	01	46.95	+18	07	13.8	19.1	cEB056704
K11A24M	C2011	01	28.33550	09	01	46.96	+18	07	15.7	19.1	cEB056704
K11A26R	C2011	01	28.32841	09	09	34.66	+13	23	18.0	20.9	VrEB056G96
K11A26R	C2011	01	28.33585	09	09	33.19	+13	23	12.0	20.5	VrEB056G96
K11A26R	C2011	01	28.34336	09	09	31.68	+13	23	05.7	20.8	VrEB056G96
K11A26R	C2011	01	28.35084	09	09	30.20	+13	22	59.5	20.6	VrEB056G96
K11A26T	JC2011	01	28.30723	07	23	10.15	+18	43	41.3	22.8	VoEB056695
K11A26T	JC2011	01	28.31142	07	23	09.84	+18	43	42.3	22.6	VoEB056695
K11A26T	JC2011	01	28.31412	07	23	09.63	+18	43	42.8	23.0	VoEB056695
K11A37F	C2011	01	28.29575	08	56	38.29	+11	32	00.3	18.9	VrEB056G96
K11A37F	C2011	01	28.30323	08	56	38.79	+11	32	25.1	18.7	VrEB056G96
K11A37F	C2011	01	28.31082	08	56	39.26	+11	32	50.4	18.9	VrEB056G96
K11A37F	C2011	01	28.31836	08	56	39.76	+11	33	15.5	18.9	VrEB056G96
K11A37H	C2011	01	28.52114	13	26	51.89	+06	49	37.3	21.3	VoEB056291
K11A37H	C2011	01	28.52493	13	26	51.88	+06	49	40.1	21.3	VoEB056291
K11A37H	C2011	01	28.52913	13	26	51.84	+06	49	43.5	21.5	VoEB056291
K11A37K	C2011	01	28.43045	09	47	38.96	+18	44	21.1	21.3	RvEB056H01
K11A37K	C2011	01	28.44404	09	47	39.56	+18	44	30.0	21.2	RvEB056H01
K11A37K	C2011	01	28.45538	09	47	40.08	+18	44	37.3	21.1	RvEB056H01
K11B10G	JC2011	01	28.27164	09	38	44.05	+18	57	37.7	19.8	VoEB056695
K11B10G	JC2011	01	28.27249	09	38	45.57	+18	57	38.1	20.1	VoEB056695
K11B10G	JC2011	01	28.27316	09	38	46.77	+18	57	38.3	20.0	VoEB056695
K11B10V	C2011	01	28.35682	08	49	28.64	+24	49	08.5	19.5	cEB056704
K11B10V	C2011	01	28.37348	08	49	32.57	+24	47	44.6	19.8	cEB056704
K11B10V	C2011	01	28.38778	08	49	35.98	+24	46	31.6	19.9	cEB056704
K11B10V	C2011	01	28.40179	08	49	39.33	+24	45	18.6	20.0	cEB056704
K11B10X	C2011	01	29.20032	02	06	40.51	+21	02	55.5	19.5	VoEB056291
K11B10X	C2011	01	29.20553	02	06	42.13	+21	03	10.4	19.3	VoEB056291
K11B10X	C2011	01	29.21106	02	06	43.99	+21	03	28.2	19.5	VoEB056291
K11B11V	tC2011	01	28.31879	06	48	01.79	+28	32	07.9	21.2	VoEB056291
K11B11V	tC2011	01	28.32725	06	47	56.77	+28	32	00.2	21.0	VoEB056291
K11B15T	HC2011	01	29.16200	02	23	57.92	+15	13	18.4		oEB056291
K11B15T	C2011	01	29.16589	02	23	59.47	+15	13	28.2		oEB056291
K11B15T	C2011	01	29.16589	02	23	59.47	+15	13	28.2		oEB056291
K11B15T	HC2011	01	29.17021	02	24	01.29	+15	13	38.5		oEB056291
K11B18Y	tC2011	01	29.21810	03	40	32.77	+13	50	42.8		oEB056291
K11B18Y	tC2011	01	29.22211	03	40	36.43	+13	51	02.4	19.5	VoEB056291
K11B18Z	KC2011	01	28.42044	08	25	40.81	+03	17	05.0	18.6	RrEB056H10
K11B18Z	KC2011	01	28.42359	08	25	40.40	+03	16	42.5	19.2	RrEB056H10
K11B18Z	KC2011	01	28.44143	08	25	38.63	+03	14	38.1	19.0	RrEB056H10
K11B19B	KC2011	01	28.04909	11	34	14.81	+30	18	23.7		uEB056118
K11B19B	KC2011	01	28.05520	11	34	15.56	+30	18	54.8		uEB056118
K11B19B	KC2011	01	28.32890	11	34	56.94	+30	42	10.5	20.2	RuEB056682
K11B19B	KC2011	01	28.37112	11	35	02.47	+30	45	46.3	20.1	RuEB056682
K11B19B	KC2011	01	28.44430	11	35	11.17	+30	51	52.3	20.1	RuEB056H36
K11B19B	KC2011	01	28.45217	11	35	12.23	+30	52	31.6	19.9	RuEB056H36
K11B19B	KC2011	01	28.46006	11	35	13.27	+30	53	11.1	20.2	RuEB056H36
K11B19B	KC2011	01	28.46802	11	35	14.25	+30	53	50.8	20.1	RuEB056H36
K11B19B	KC2011	01	28.47587	11	35	15.31	+30	54	30.2	20.0	RuEB056H36
03199	C2011	01	28.49326	12	40	28.56	-06	04	17.2	17.5	VrEB056703
03199	C2011	01	28.49794	12	40	28.41	-06	04	22.3	17.6	VrEB056703
03199	C2011	01	28.50262	12	40	28.16	-06	04	28.8	17.4	VrEB056703
03199	C2011	01	28.50736	12	40	27.94	-06	04	33.1	17.4	VrEB056703
03838	C2011	01	28.11132	02	31	26.36	+05	10	46.2	19.4	VrEB056703
03838	C2011	01	28.11579	02	31	26.76	+05	10	46.9	19.2	VrEB056703
03838	C2011	01	28.12038	02	31	27.08	+05	10	47.8	19.1	VrEB056703
03838	C2011	01	28.12494	02	31	27.44	+05	10	49.7	18.8	VrEB056703
05189	C2011	01	28.32553	09	15	06.30	+15	37	02.7	20.9	VrEB056G96
05189	C2011	01	28.33301	09	15	05.54	+15	37	06.4	20.5	VrEB056G96
05189	C2011	01	28.34047	09	15	04.86	+15	37	10.2	20.3	VrEB056G96
05189	C2011	01	28.34797	09	15	04.14	+15	37	14.2	20.4	VrEB056G96
06569	C2011	01	28.21339	04	23	44.88	+09	33	50.2	19.3	VrEB056703
06569	C2011	01	28.21861	04	23	44.84	+09	33	54.6	19.3	VrEB056703
06569	C2011	01	28.22383	04	23	44.88	+09	34	01.6	18.9	VrEB056703
06569	C2011	01	28.22903	04	23	44.80	+09	34	06.0	18.8	VrEB056703
10563	C2011	01	28.09214	00	25	15.70	+06	05	57.0	19.1	VrEB056G96

10563	C2011	01	28.09681	00	25	15.85	+06	06	09.0	19.2	VrEB056G96
10563	C2011	01	28.10146	00	25	16.06	+06	06	21.4	19.2	VrEB056G96
10563	C2011	01	28.10615	00	25	16.24	+06	06	33.5	19.1	VrEB056G96
13553	C2011	01	28.35644	11	04	07.96	+00	16	19.4	20.8	VoEB056691
13553	C2011	01	28.37421	11	04	07.40	+00	16	22.2	20.9	VoEB056691
13553	C2011	01	28.39195	11	04	06.80	+00	16	25.5	20.8	VoEB056691
15745	C2011	01	28.42940	10	39	34.35	+13	33	31.0	19.2	cEB056704
15745	C2011	01	28.44248	10	39	33.84	+13	33	44.0	19.5	cEB056704
15745	C2011	01	28.45586	10	39	33.28	+13	33	54.6	19.7	cEB056704
15745	C2011	01	28.46905	10	39	32.81	+13	34	09.4	19.9	cEB056704
18882	C2011	01	28.14049	04	28	44.32	+33	08	34.7	17.5	R EB056G92
18882	C2011	01	28.15510	04	28	44.43	+33	07	52.0	17.4	R EB056G92
18882	C2011	01	28.16969	04	28	44.52	+33	07	08.5	17.4	R EB056G92
22771	C2011	01	28.48926	11	36	23.75	+06	17	24.4	19.1	cEB056704
22771	C2011	01	28.50256	11	36	23.39	+06	17	22.5	19.2	cEB056704
22771	C2011	01	28.51652	11	36	23.07	+06	17	19.8	19.4	cEB056704
22771	C2011	01	28.53010	11	36	22.67	+06	17	16.0	19.5	cEB056704
23183	C2011	01	28.40927	10	37	36.49	+44	48	24.9	16.6	RuEB056H45
23183	C2011	01	28.41015	10	37	36.42	+44	48	28.8	16.4	RuEB056H45
23183	C2011	01	28.41126	10	37	36.34	+44	48	33.8	16.4	RuEB056H45
23183	C2011	01	28.41300	10	37	36.20	+44	48	41.6	16.5	RuEB056H45
23183	C2011	01	28.41370	10	37	36.15	+44	48	44.8	16.5	RuEB056H45
25916	C2011	01	28.11353	02	13	05.66	+02	03	49.3	18.9	VrEB056703
25916	C2011	01	28.11810	02	13	05.91	+02	03	53.3	18.6	VrEB056703
25916	C2011	01	28.12265	02	13	06.16	+02	03	56.4	18.7	VrEB056703
34613	C2011	01	28.29179	07	38	06.76	+24	39	58.8	19.1	cEB056704
34613	C2011	01	28.30586	07	38	05.48	+24	39	58.9	19.2	cEB056704
34613	C2011	01	28.32060	07	38	04.23	+24	39	57.6	19.4	cEB056704
34613	C2011	01	28.33440	07	38	02.92	+24	39	59.0	19.0	cEB056704
34613	C2011	01	28.34772	07	38	01.73	+24	39	59.4	19.1	cEB056704
36284	C2011	01	28.23546	10	38	18.61	+13	39	59.9	17.2	VoEB056691
36284	C2011	01	28.25327	10	38	15.92	+13	39	47.7	17.1	VoEB056691
36284	C2011	01	28.27109	10	38	13.21	+13	39	35.3	16.9	VoEB056691
36284	C2011	01	28.39529	10	37	54.05	+13	38	07.9	17.0	RuEB056H45
36284	C2011	01	28.39623	10	37	53.90	+13	38	07.3	17.0	RuEB056H45
36284	C2011	01	28.39719	10	37	53.76	+13	38	06.7	16.9	RuEB056H45
36284	C2011	01	28.39823	10	37	53.60	+13	38	05.8	17.1	RuEB056H45
36284	C2011	01	28.39907	10	37	53.47	+13	38	05.3	17.1	RuEB056H45
36284	C2011	01	28.42940	10	37	48.93	+13	37	46.0	17.0	cEB056704
36284	C2011	01	28.44248	10	37	46.94	+13	37	36.6	17.2	cEB056704
36284	C2011	01	28.45586	10	37	44.96	+13	37	25.9	17.6	cEB056704
36284	C2011	01	28.46905	10	37	42.84	+13	37	17.4	17.7	cEB056704
36284	C2011	01	28.48210	10	37	40.83	+13	37	08.1	17.6	cEB056704
68278	C2011	01	28.19482	04	25	05.12	+21	54	21.9	20.0	VrEB056G96
68278	C2011	01	28.20184	04	25	05.48	+21	54	23.9	19.8	VrEB056G96
68278	C2011	01	28.20880	04	25	05.84	+21	54	25.7	19.6	VrEB056G96
68278	C2011	01	28.21569	04	25	06.20	+21	54	27.4	19.8	VrEB056G96
85275	C2011	01	28.29575	08	53	40.88	+11	33	47.1	18.9	VrEB056G96
85275	C2011	01	28.30323	08	53	40.27	+11	33	52.6	18.9	VrEB056G96
85275	C2011	01	28.31082	08	53	39.66	+11	33	58.2	18.9	VrEB056G96
85275	C2011	01	28.31836	08	53	39.04	+11	34	03.7	19.0	VrEB056G96
89830	KC2011	01	24.11451	15	00	33.93	+66	11	30.4	17.9	RuEB056160
89830	KC2011	01	24.11666	15	00	33.74	+66	11	32.7	17.9	RuEB056160
89830	KC2011	01	24.11882	15	00	33.51	+66	11	35.1	17.7	RuEB056160
D6874	S2011	01	23.56103	13	51	33.75	-24	26	57.5	18	RLEB056C51
D6874	s2011	01	23.56103	1	-	5698.2172	-	2797.2729	-	2725.5908	EB056C51
D6874	S2011	01	23.69333	13	51	28.15	-24	26	29.3		LEB056C51
D6874	s2011	01	23.69333	1	-	5681.6959	-	2799.3462	-	2757.7388	EB056C51
D6874	S2011	01	23.82551	13	51	22.53	-24	26	02.3		LEB056C51
D6874	s2011	01	23.82551	1	-	5688.7289	-	2826.3958	-	2715.0998	EB056C51
D6874	S2011	01	23.95782	13	51	16.85	-24	25	33.8		LEB056C51
D6874	s2011	01	23.95782	1	-	5672.3111	-	2829.0016	-	2746.8365	EB056C51
D6874	S2011	01	24.02390	13	51	13.97	-24	25	20.6		LEB056C51
D6874	s2011	01	24.02390	1	-	5676.2293	-	2843.1597	-	2724.4998	EB056C51
D6874	S2011	01	24.15621	13	51	08.23	-24	24	51.0		LEB056C51
D6874	s2011	01	24.15621	1	-	5660.0229	-	2845.5431	-	2755.8071	EB056C51
D7052	KC2011	01	24.10351	09	53	24.37	+56	19	49.1	17.2	RuEB056160
D7052	KC2011	01	24.10565	09	53	23.83	+56	19	57.9	17.3	RuEB056160
D7052	KC2011	01	24.10777	09	53	23.28	+56	20	06.6	17.3	RuEB056160
D7125	C2011	01	28.41488	11	01	32.89	+13	12	49.8	18.8	RuEB056H45
D7125	C2011	01	28.41586	11	01	32.79	+13	12	46.9	18.8	RuEB056H45
D7125	C2011	01	28.41741	11	01	32.56	+13	12	43.7	18.9	RuEB056H45
D7125	C2011	01	28.41888	11	01	32.29	+13	12	39.8	18.9	RuEB056H45
D7125	C2011	01	28.42036	11	01	32.03	+13	12	35.7	18.9	RuEB056H45
D7125	C2011	01	28.43185	11	01	30.33	+13	12	09.5	18.7	cEB056704
D7125	C2011	01	28.44490	11	01	28.15	+13	11	37.9	18.6	cEB056704
D7125	C2011	01	28.45829	11	01	25.89	+13	11	04.4	19.1	cEB056704
D7125	C2011	01	28.47149	11	01	23.64	+13	10	32.2	19.1	cEB056704
D7125	C2011	01	28.48453	11	01	21.49	+13	10	00.0	18.7	cEB056704
D8175	C2011	01	28.27461	09	53	51.97	+34	16	29.3	19.7	VrEB056703
D8175	C2011	01	28.28046	09	53	50.85	+34	16	36.6	19.7	VrEB056703
D8175	C2011	01	28.28626	09	53	49.52	+34	16	44.2	19.9	VrEB056703

D8175	C2011	01	28.29208	09	53	48.33	+34	16	52.1	20.2	VrEB056703
D8893	C2011	01	28.14465	03	23	19.75	+18	20	54.7	21.6	VrEB056G96
D8893	C2011	01	28.15166	03	23	19.57	+18	20	51.4	21.7	VrEB056G96
D8893	C2011	01	28.15861	03	23	19.42	+18	20	48.5	21.1	VrEB056G96
D8893	C2011	01	28.16558	03	23	19.28	+18	20	45.2	20.7	VrEB056G96
E3381	C2011	01	28.14708	02	51	13.02	+19	59	23.2	18.1	cEB056704
E3381	C2011	01	28.15986	02	51	15.64	+19	59	28.7	18.4	cEB056704
E3381	C2011	01	28.17264	02	51	18.22	+19	59	34.3	18.9	cEB056704
E3381	C2011	01	28.18555	02	51	20.92	+19	59	40.1	19.3	cEB056704
E3381	C2011	01	28.19846	02	51	23.57	+19	59	45.3	19.3	cEB056704
F2671	C2011	01	28.43826	11	36	45.97	+00	11	58.5	20.7	VrEB056G96
F2671	C2011	01	28.44410	11	36	45.54	+00	12	01.8	20.8	VrEB056G96
F2671	C2011	01	28.44990	11	36	45.14	+00	12	04.8	20.6	VrEB056G96
F2671	C2011	01	28.45566	11	36	44.71	+00	12	07.8	20.9	VrEB056G96
F2680	C2011	01	28.27117	10	09	19.47	+28	46	56.8	20.6	VrEB056703
F2680	C2011	01	28.27694	10	09	18.32	+28	47	03.1	19.6	VrEB056703
F2680	C2011	01	28.28278	10	09	17.17	+28	47	10.8	21.5	VrEB056703
F2680	C2011	01	28.28860	10	09	16.05	+28	47	19.7	20.5	VrEB056703
F2889	C2011	01	28.36188	10	28	33.38	+08	42	31.9	18.6	cEB056704
F2889	C2011	01	28.37835	10	28	31.49	+08	43	07.5	18.5	cEB056704
F2889	C2011	01	28.39249	10	28	29.83	+08	43	37.2	18.4	cEB056704
F2889	C2011	01	28.39964	10	28	28.78	+08	43	51.4	18.5	RuEB056H45
F2889	C2011	01	28.40104	10	28	28.66	+08	43	54.0	18.7	RuEB056H45
F2889	C2011	01	28.40220	10	28	28.51	+08	43	56.4	18.7	RuEB056H45
F2889	C2011	01	28.40336	10	28	28.41	+08	43	59.3	18.7	RuEB056H45
F2889	C2011	01	28.40626	10	28	28.21	+08	44	06.1	18.5	cEB056704
F2889	C2011	01	28.40763	10	28	27.90	+08	44	07.8	18.8	RuEB056H45
F2889	C2011	01	28.41940	10	28	26.67	+08	44	33.7	18.6	cEB056704
F4347	C2011	01	28.46088	11	26	05.42	+00	43	45.4	20.9	VrEB056G96
F4347	C2011	01	28.46522	11	26	05.13	+00	43	45.8	20.7	VrEB056G96
F4347	C2011	01	28.46965	11	26	04.88	+00	43	45.9	20.8	VrEB056G96
F4347	C2011	01	28.47406	11	26	04.63	+00	43	46.7	20.8	VrEB056G96
F4589	C2011	01	28.09077	01	33	52.44	+10	39	18.2	19.7	cEB056704
F4589	C2011	01	28.10364	01	33	54.54	+10	39	34.2	19.8	cEB056704
F4589	C2011	01	28.11651	01	33	56.72	+10	39	50.6	19.5	cEB056704
F4589	C2011	01	28.12951	01	33	58.83	+10	40	06.5	20.1	cEB056704
F9533	C2011	01	28.24463	09	00	03.02	+39	04	17.9	19.3	VrEB056703
F9533	C2011	01	28.25041	09	00	02.19	+39	04	22.8	20.0	VrEB056703
F9533	C2011	01	28.25617	09	00	01.80	+39	04	27.6	20.3	VrEB056703
F9533	C2011	01	28.26196	09	00	00.97	+39	04	31.0	20.1	VrEB056703
G2781	C2011	01	28.49323	12	12	37.55	+03	51	33.1	18.0	cEB056704
G2781	C2011	01	28.50648	12	12	38.26	+03	51	06.9	18.7	cEB056704
G2781	C2011	01	28.52044	12	12	39.00	+03	50	39.7	18.2	cEB056704
G2781	C2011	01	28.53401	12	12	39.74	+03	50	13.5	18.3	cEB056704
H4881	C2011	01	28.24983	08	48	53.96	+38	03	48.0	19.7	VrEB056703
H4881	C2011	01	28.25559	08	48	52.81	+38	04	03.7	19.7	VrEB056703
H5706	C2011	01	28.27079	08	40	10.97	+17	23	04.6	16.8	cEB056704
H5706	C2011	01	28.29290	08	40	06.49	+17	23	16.5	16.9	cEB056704
H5706	C2011	01	28.30655	08	40	03.73	+17	23	23.7	17.0	cEB056704
H5706	C2011	01	28.32145	08	40	00.71	+17	23	31.5	17.1	cEB056704
H5706	C2011	01	28.33518	08	39	57.95	+17	23	38.8	17.0	cEB056704
I5851	C2011	01	28.32498	08	01	31.54	+36	02	41.4	20.1	VrEB056703
I5851	C2011	01	28.33149	08	01	30.64	+36	02	41.2	20.3	VrEB056703
I5851	C2011	01	28.33811	08	01	29.64	+36	02	42.1	20.3	VrEB056703
I5851	C2011	01	28.34474	08	01	28.59	+36	02	41.9	19.9	VrEB056703
O3025	C2011	01	28.07746	01	26	53.90	+10	09	02.2	18.4	cEB056704
O3025	C2011	01	28.09061	01	26	56.79	+10	09	07.3	18.8	cEB056704
O3025	C2011	01	28.10349	01	26	59.62	+10	09	12.7	18.6	cEB056704
O3025	C2011	01	28.11635	01	27	02.47	+10	09	18.5	18.7	cEB056704
O3025	C2011	01	28.12935	01	27	05.33	+10	09	23.6	18.9	cEB056704
P1346	C2011	01	28.09198	00	35	02.05	+11	48	23.1	19.4	cEB056704
P1346	C2011	01	28.10483	00	35	04.23	+11	48	32.8	19.3	cEB056704
P1346	C2011	01	28.11776	00	35	06.42	+11	48	42.9	19.3	cEB056704
P1346	C2011	01	28.13073	00	35	08.47	+11	48	50.2	19.5	cEB056704
P3106	C2011	01	28.09390	00	17	49.92	+08	01	29.2	18.4	VrEB056G96
P3106	C2011	01	28.09857	00	17	49.84	+08	01	35.5	18.9	VrEB056G96
P3106	C2011	01	28.10321	00	17	49.81	+08	01	41.2	19.0	VrEB056G96
P3106	C2011	01	28.10790	00	17	49.77	+08	01	47.0	18.8	VrEB056G96
P3841	JC2011	01	28.40772	12	19	43.68	+13	44	25.3	16.7	VoEB056695
P3841	JC2011	01	28.40981	12	19	44.28	+13	44	21.3	16.7	VoEB056695
P3841	JC2011	01	28.41054	12	19	44.49	+13	44	20.0	16.7	VoEB056695
Q1938	C2011	01	28.26339	07	53	40.88	+22	14	39.3	21.4	VrEB056G96
Q1938	C2011	01	28.27155	07	53	40.02	+22	14	41.3	21.4	VrEB056G96
Q1938	C2011	01	28.27969	07	53	39.26	+22	14	42.7	21.2	VrEB056G96
Q1938	C2011	01	28.28789	07	53	38.43	+22	14	44.6	21.2	VrEB056G96
Q2623	C2011	01	28.14699	03	16	57.57	+19	08	13.5	19.5	VrEB056G96
Q2623	C2011	01	28.15398	03	16	57.50	+19	08	27.7	19.6	VrEB056G96
Q2623	C2011	01	28.16093	03	16	57.43	+19	08	42.9	18.9	VrEB056G96
Q2623	C2011	01	28.16788	03	16	57.36	+19	08	55.8	19.6	VrEB056G96



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