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# IAU Minor Planet Center

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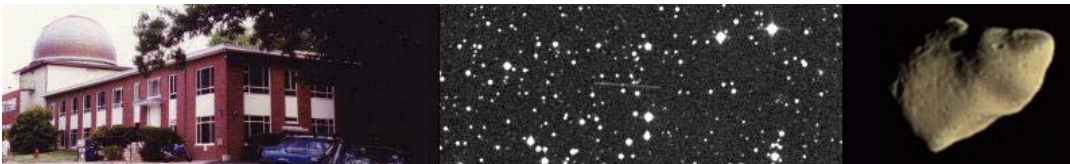
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## MPEC 2010-X91 : DAILY ORBIT UPDATE (2010 DEC. 11 UT)

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 2010-X90](#)[Read MPEC 2010-X92](#)

M.P.E.C. 2010-X91

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

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DAILY ORBIT UPDATE (2010 DEC. 11 UT)

Update to [MPEC 2010-X83](#)

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

### New identification:

K00W50U	K10X30U	MPCS
K01UK9G	K10X48P	MPCS
K03T17O	K10X50X	MPCS
K03Ua9O	K10X28Y	MPCS
K05UG6D	K10X28R	MPCS
K05WF4Z	K10X26G	MPCS
K05Y86B	K10X49V	MPCS
K05YI9M	K10X51A	MPCS
K06BA4K	K10X30X	MPCS
K06BN0N	K10X51D	MPCS
K06Q41S	K10X27T	MPCS
K06SE8J	K10X49F	MPCS
K06WE9V	K10X48K	MPCS
K08F53U	K10X27E	MPCS
K08H15M	K10X30H	MPCS
K08J28S	K10X50G	MPCS
K09SH0E	K10X29S	MPCS

### New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
J80R01G	16.4	0.15	K1128	19.817	113.175	236.528	4.507	0.47119	2.64615	6	X
J88R01O	17.2	0.15	K1128	50.008	155.657	181.240	11.650	0.51240	2.67015	3	X
J90S00M	16.2	0.15	K1128	268.624	107.001	136.858	11.579	0.76590	2.10090	5	X
J92U07E	16.2	0.15	K1128	59.625	22.684	40.137	0.697	0.15885	3.17107	6	X
J94L00V	16.3	0.15	K1128	313.043	79.271	108.753	11.725	0.29985	2.68827	6	X
J95B15G	16.8	0.15	K1128	42.345	343.142	79.961	2.295	0.12969	2.54025	5	X
J95F03G	16.9	0.15	K1128	175.489	125.607	116.545	3.249	0.15140	2.67074	6	X
J95H02W	17.3	0.15	K1128	254.169	124.437	82.375	4.372	0.13685	2.24726	4	X
J95M08E	17.1	0.15	K1128	86.856	195.014	129.094	9.159	0.22440	2.76689	4	X
J95S15C	17.8	0.15	K1128	65.938	21.484	344.728	4.675	0.21359	2.37393	3	X
J95S62D	17.7	0.15	K1128	61.513	203.986	166.599	5.988	0.12799	2.38264	6	X
J95U60J	16.7	0.15	K1128	92.025	185.025	135.769	2.946	0.07957	2.93190	4	X
J95W16K	15.7	0.15	K1128	298.812	125.288	32.993	12.879	0.10869	2.87391	5	X
J95W28S	16.8	0.15	K1128	135.470	169.060	167.007	4.656	0.07486	2.81507	5	X
J96G05Q	17.7	0.15	K1128	151.222	190.346	77.395	3.590	0.12709	2.18872	5	X
J96R19B	14.2	0.15	K1128	99.368	334.646	1.366	6.077	0.06996	5.18409	5	X



K00A94N	14.8	0.15	K1128	303.195	76.518	86.513	7.473	0.18052	3.17079	5 X
K00AD1Z	17.0	0.15	K1128	23.787	334.237	104.433	8.695	0.17149	2.38212	7 X
K00AD3Y	16.4	0.15	K1128	53.773	24.238	64.232	4.285	0.15303	2.32848	5 X
K00AE6S	14.6	0.15	K1128	318.511	19.299	117.922	29.228	0.14914	3.16911	3 X
K00AF0E	15.5	0.15	K1128	19.666	340.677	148.467	9.366	0.25131	3.03151	6 X
K00AL8Z	15.9	0.15	K1128	345.131	32.616	98.597	4.639	0.12197	3.12725	5 X
K00AN1O	15.1	0.15	K1128	15.854	315.851	104.943	19.039	0.15838	3.18270	3 X
K00B13G	17.6	0.15	K1128	14.087	173.225	298.158	1.827	0.14980	2.38187	5 X
K00B28J	14.8	0.15	K1128	31.511	160.605	282.137	14.404	0.20359	3.06468	4 X
K00C41X	15.1	0.15	K1128	336.834	344.187	142.988	15.722	0.18288	3.18659	4 X
K00C68Z	16.3	0.15	K1128	14.933	347.938	134.241	2.013	0.05090	3.10910	6 X
K00C74B	16.8	0.15	K1128	337.763	44.979	127.097	2.004	0.12257	2.37106	6 X
K00CA1O	19.1	0.15	K1128	32.384	64.880	353.093	15.324	0.09002	1.07640	2 X
K00CC9W	14.1	0.15	K1128	24.307	296.503	146.523	4.236	0.09900	5.21689	7 X
K00CD0T	16.1	0.15	K1128	82.482	231.571	134.630	4.877	0.21909	3.19408	5 X
K00D09O	16.2	0.15	K1128	309.665	57.446	156.505	2.590	0.14869	3.10606	5 X
K00D43B	16.0	0.15	K1128	319.672	177.638	346.910	6.324	0.08111	2.42055	6 X
K00D87H	16.9	0.15	K1128	313.597	105.116	104.057	4.096	0.23696	2.38317	6 X
K00D89Y	17.1	0.15	K1128	357.582	191.290	313.413	3.825	0.11643	2.37367	4 X
K00DA5T	16.6	0.15	K1128	344.810	190.479	30.538	5.539	0.17914	2.33386	8 X
K00DB1F	16.9	0.15	K1128	41.601	314.808	139.992	2.933	0.14512	2.37825	7 X
K00E02M	17.1	0.15	K1128	344.015	207.697	316.702	2.116	0.19146	2.38873	4 X
K00E02V	17.3	0.15	K1128	19.071	261.268	187.937	2.074	0.21795	2.41901	6 X
K00E07B	17.6	0.15	K1128	309.450	337.733	175.985	2.022	0.15251	2.45678	7 X
K00E27T	14.6	0.15	K1128	307.276	164.198	51.196	11.322	0.04618	3.10032	7 X
K00E35O	16.7	0.15	K1128	328.809	111.742	58.183	2.205	0.13179	2.40512	7 X
K00E52P	17.5	0.15	K1128	65.949	196.705	171.566	1.401	0.09312	2.50801	6 X
K00F05A	15.7	0.15	K1128	35.247	309.313	191.143	9.147	0.06118	3.12883	6 X
K00F70U	16.6	0.15	K1128	86.219	169.007	195.776	2.164	0.13779	2.52046	9 X
K00GE3N	16.2	0.15	K1128	291.499	66.485	144.375	6.635	0.19233	2.45383	5 X
K00H23C	16.0	0.15	K1128	186.330	43.490	202.667	11.137	0.09407	2.58930	6 X
K00H86R	16.9	0.15	K1128	287.915	94.355	135.080	3.156	0.15302	2.44821	6 X
K00J44S	16.5	0.15	K1128	139.312	211.276	50.750	13.867	0.22117	2.68529	4 X
K00J66Q	17.7	0.15	K1128	109.623	103.514	189.182	7.052	0.42041	2.16476	4 X
K00J78O	17.8	0.15	K1128	111.201	349.696	310.608	7.337	0.43819	2.15066	6 X
K00K63N	16.5	0.15	K1128	166.078	166.311	88.979	8.818	0.28779	2.64116	6 X
K00L22K	15.4	0.15	K1128	226.618	127.116	93.898	13.608	0.14413	2.57421	6 X
K00M00J	15.4	0.15	K1128	233.014	126.461	87.079	14.260	0.12737	2.58995	5 X
K00O13A	17.5	0.15	K1128	86.756	215.528	115.557	3.770	0.24519	2.17292	6 X
K00O60X	16.2	0.15	K1128	101.749	346.674	329.645	9.805	0.26640	2.76701	4 X
K00QD0N	18.0	0.15	K1128	29.338	300.084	104.305	2.561	0.57001	2.89925	3 X
K00QJ4O	16.1	0.15	K1128	356.544	289.297	135.653	10.314	0.49430	2.94005	4 W
K00R00E	15.9	0.15	K1128	68.092	84.833	301.367	24.621	0.34496	2.77211	4 X
K00R14M	15.5	0.15	K1128	59.829	132.708	251.415	7.790	0.23597	2.79431	4 X
K00R69Q	15.0	0.15	K1128	73.540	11.983	8.058	9.255	0.16572	2.79710	6 X
K00R88F	17.5	0.15	K1128	120.693	38.596	290.702	2.373	0.25163	2.14076	5 X
K00S15F	15.2	0.15	K1128	126.001	77.902	222.875	12.466	0.13444	2.79289	6 X
K00S16N	17.0	0.15	K1128	74.310	111.534	241.063	2.612	0.15308	2.19512	3 X
K00S30H	15.6	0.15	K1128	53.387	202.899	177.016	17.160	0.11677	2.81307	6 X
K00S32D	16.9	0.15	K1128	33.895	200.598	185.443	3.138	0.17729	2.21549	5 X
K00S34Y	17.6	0.15	K1128	94.565	207.805	157.611	1.963	0.17285	2.15774	7 X
K00S60P	15.9	0.15	K1128	162.334	82.234	183.965	7.603	0.18826	2.77541	7 X
K00SD3T	17.0	0.15	K1128	18.584	146.775	256.016	6.223	0.09582	2.21668	4 X
K00SF3J	15.3	0.15	K1128	54.028	351.531	29.181	9.072	0.17635	2.86110	6 X
K00SV4Z	15.6	0.15	K1128	193.381	8.396	279.437	13.429	0.23862	2.66312	5 X
K00SY7O	16.1	0.15	K1128	192.095	3.686	305.029	19.722	0.27796	2.60855	4 X
K00T33D	14.9	0.15	K1128	22.837	95.377	260.824	19.789	0.31124	2.97391	3 W
K00T37C	17.1	0.15	K1128	199.178	90.802	147.932	2.039	0.10792	2.16501	7 X
K00U06C	15.9	0.15	K1128	4.440	172.642	216.316	7.300	0.30366	2.97336	3 W
K00U18P	16.2	0.15	K1128	56.460	55.764	282.283	7.265	0.29003	2.25181	2 X
K00U55Y	15.3	0.15	K1128	41.285	190.308	230.689	12.398	0.17550	2.87113	4 X
K00W04O	17.3	0.15	K1128	82.062	48.328	292.531	6.504	0.28460	2.20889	4 X
K00W13W	16.9	0.15	K1128	14.615	217.392	275.777	3.017	0.09928	2.15065	6 X
K00W50U	18.3	0.15	K1128	8.178	358.797	83.003	4.013	0.11431	2.24106	2 S
K00WG0B	17.5	0.15	K1128	48.843	312.893	102.382	5.108	0.14065	2.20298	4 X
K00WI4S	15.8	0.15	K1128	74.842	251.226	103.242	12.210	0.02462	3.03595	4 X
K00X54E	17.7	0.15	K1128	47.108	329.773	89.587	5.366	0.08430	2.20877	3 X
K00Y29E	16.7	0.15	K1128	335.739	48.660	109.187	14.393	0.52084	2.96926	4 X
K00Y88W	17.2	0.15	K1128	14.833	21.252	103.674	4.606	0.07005	2.19601	6 X
K00YB9Z	16.8	0.15	K1128	14.150	342.275	89.010	24.043	0.21106	2.24667	2 X
K01A00E	16.7	0.15	K1128	350.549	15.915	53.457	2.000	0.25364	3.06639	3 X
K01A45Y	16.7	0.15	K1128	9.978	2.543	83.361	24.596	0.18479	2.26301	4 X
K01A51Q	15.3	0.15	K1128	333.049	341.267	132.006	7.596	0.12209	3.00818	6 X
K01B12Y	15.1	0.15	K1128	318.235	72.582	88.251	15.200	0.20673	2.99114	4 X
K01B18R	15.6	0.15	K1128	313.965	186.764	309.300	10.696	0.07441	3.01685	7 X
K01B31Z	14.9	0.15	K1128	346.756	343.839	135.590	11.596	0.25474	2.98330	6 X
K01B65N	15.4	0.15	K1128	333.554	197.503	290.890	11.479	0.18124	3.01361	4 X
K01C31S	14.4	0.15	K1128	276.843	94.014	84.116	26.654	0.20999	3.09468	4 X
K01C34P	16.9	0.15	K1128	345.738	61.654	122.193	24.023	0.19136	2.21824	4 X
K01C49F	15.7	0.15	K1128	311.889	188.793	320.811	10.017	0.17334	3.01135	4 X
K01D01W	17.3	0.15	K1128	329.333	334.014	139.491	2.467	0.12220	3.07438	4 X
K01D06A	14.4	0.15	K1128	270.560	43.675	134.707	18.377	0.17269	3.12481	4 X
K01D17A	16.7	0.15	K1128	323.619	23.806	109.952	6.461	0.21874	2.29778	5 X
K01D77Y	13.9	0.15	K1128	333.223	324.460	137.315	7.666	0.07901	5.24900	6 X
K01E04S	15.5	0.15	K1128	352.900	335.640	132.318	6.057	0.25584	3.02191	5 X
K01F20A	16.7	0.15	K1128	238.549	233.153	353.045	8.037	0.16287	2.34716	6 X

K01F58M	15.5	0.15	K1128	307.267	223.260	310.082	14.038	0.27093	3.05607	4	X
K01F60S	17.0	0.15	K1128	308.784	353.901	161.300	5.498	0.16126	2.30731	7	X
K01F85Y	16.9	0.15	K1128	107.156	309.579	44.346	1.040	0.23279	2.38898	8	X
K01FB0J	16.2	0.15	K1128	338.349	314.227	198.870	14.312	0.39047	3.00830	5	X
K01FF9H	17.4	0.15	K1128	254.197	356.472	194.845	6.738	0.16547	2.36211	4	X
K01FG0P	14.3	0.15	K1128	319.980	39.783	115.759	18.325	0.33324	3.08540	5	X
K01FJ8F	18.0	0.15	K1128	39.416	189.834	173.084	2.330	0.18974	2.42419	4	X
K01H63C	17.2	0.15	K1128	230.972	357.828	219.827	19.884	0.04981	1.93611	4	X
K01K43T	14.7	0.15	K1128	287.466	122.605	83.549	28.329	0.20342	3.15726	5	X
K01L16T	15.7	0.15	K1128	75.393	84.384	258.930	8.145	0.22756	2.58671	4	X
K01M12K	16.2	0.15	K1128	69.439	257.734	80.406	10.449	0.22054	2.61131	4	X
K01M26N	15.2	0.15	K1128	67.065	240.632	114.084	14.359	0.22025	2.57831	3	X
K01N01L	15.7	0.15	K1128	72.769	286.041	94.861	14.299	0.18005	2.53036	7	X
K01N09K	16.2	0.15	K1128	44.131	252.195	135.871	15.642	0.20003	2.58079	5	X
K01N17W	16.6	0.15	K1128	153.622	198.852	109.223	24.618	0.07005	1.97773	5	X
K01N19G	16.4	0.15	K1128	68.769	244.043	85.461	5.877	0.29040	2.63668	6	X
K01O20Q	16.0	0.15	K1128	59.242	156.580	209.707	13.584	0.26561	2.63543	4	X
K01O32N	16.9	0.15	K1128	69.536	69.862	298.733	9.866	0.27768	2.58217	4	X
K01O42Y	15.1	0.15	K1128	18.627	73.189	278.332	6.972	0.30796	2.77091	3	X
K01O52D	16.1	0.15	K1128	97.852	242.396	113.233	16.038	0.24156	2.55008	5	X
K01O69W	15.4	0.15	K1128	93.493	198.517	140.978	15.812	0.18196	2.59909	4	X
K01O76C	15.8	0.15	K1128	43.832	248.225	145.807	11.952	0.18288	2.59610	5	X
K01O83S	16.2	0.15	K1128	30.571	328.719	66.798	9.896	0.28146	2.67835	3	X
K01P10T	16.3	0.15	K1128	83.253	212.252	123.035	13.314	0.21117	2.59902	4	X
K01P16V	15.7	0.15	K1128	84.982	90.012	240.736	12.843	0.21504	2.61463	3	X
K01P35M	16.8	0.15	K1128	11.039	103.794	291.106	28.100	0.44269	2.72447	3	W
K01P57L	16.3	0.15	K1128	45.941	356.275	11.429	8.817	0.31888	2.66387	2	X
K01P62K	15.3	0.15	K1128	80.424	29.169	315.156	7.346	0.19965	2.63037	7	X
K01P65N	16.2	0.15	K1128	87.999	317.681	21.424	4.317	0.21315	2.59659	4	X
K01P67K	16.5	0.15	K1128	94.385	210.228	104.229	8.859	0.26079	2.63025	4	X
K01Q01W	16.5	0.15	K1128	17.226	59.513	338.666	7.438	0.31410	2.69205	3	X
K01Q37N	15.9	0.15	K1128	74.789	88.413	307.787	10.000	0.32645	2.55246	4	X
K01Q44G	15.9	0.15	K1128	98.832	185.327	139.993	14.936	0.19723	2.58230	4	X
K01Q91L	16.5	0.15	K1128	31.618	243.642	141.131	13.733	0.27799	2.66193	2	X
K01QB0P	17.3	0.15	K1128	68.469	100.051	223.605	10.551	0.30322	2.68694	2	X
K01QB4Z	16.8	0.15	K1128	40.581	189.920	183.614	10.414	0.35316	2.68014	2	X
K01QC5E	16.0	0.15	K1128	83.854	191.772	145.058	15.234	0.19096	2.61418	4	X
K01QG3Q	16.3	0.15	K1128	92.828	103.306	246.965	4.173	0.32155	2.61324	4	X
K01QI9K	16.6	0.15	K1128	45.308	90.150	250.288	10.638	0.35860	2.69764	2	X
K01QJ3B	15.7	0.15	K1128	84.155	75.006	242.941	11.772	0.28059	2.64986	5	X
K01QJ3D	16.1	0.15	K1128	69.790	53.805	295.422	10.860	0.27486	2.64838	3	X
K01QK3E	16.2	0.15	K1128	60.512	13.790	351.366	5.035	0.25311	2.60977	5	X
K01QP3V	16.0	0.15	K1128	93.647	200.267	133.564	15.910	0.13297	2.58928	4	X
K01QQ0M	16.0	0.15	K1128	104.125	78.095	258.960	7.328	0.20308	2.59387	5	X
K01QS0R	16.4	0.15	K1128	60.427	245.412	116.909	13.772	0.28624	2.64844	6	X
K01QS3H	16.5	0.15	K1128	82.403	73.273	251.510	11.601	0.31828	2.63397	2	X
K01QS6P	16.6	0.15	K1128	74.264	98.488	273.522	13.497	0.23292	2.59149	5	X
K01QW8B	15.8	0.15	K1128	47.602	128.577	294.346	12.667	0.25184	2.63208	5	X
K01R21Y	16.2	0.15	K1128	38.945	204.784	168.083	9.449	0.29320	2.67331	3	X
K01R28F	17.3	0.15	K1128	69.912	177.597	194.105	1.234	0.24079	2.59968	4	X
K01R41N	16.6	0.15	K1128	91.024	111.774	199.602	4.435	0.23811	2.64803	5	X
K01R43A	16.2	0.15	K1128	104.085	93.487	217.463	10.267	0.24733	2.61104	3	X
K01R48P	15.9	0.15	K1128	83.161	268.519	102.221	18.231	0.17542	2.60858	5	X
K01R52S	15.0	0.15	K1128	64.635	219.577	121.811	3.380	0.26631	4.01420	3	S
K01R60J	16.2	0.15	K1128	60.725	352.963	15.764	14.221	0.17954	2.64049	5	X
K01R65R	16.0	0.15	K1128	80.639	139.766	197.257	12.880	0.27480	2.64270	3	X
K01R68M	16.7	0.15	K1128	83.436	83.853	248.064	5.222	0.26446	2.65036	5	X
K01R87A	16.7	0.15	K1128	100.479	0.300	311.375	2.810	0.32813	2.62370	2	S
K01RB1W	16.5	0.15	K1128	21.555	251.120	167.429	13.084	0.15786	2.62868	2	X
K01RB2F	14.6	0.15	K1128	78.274	287.672	50.511	2.177	0.19416	3.96093	6	X
K01RB3F	17.2	0.15	K1128	33.806	52.120	352.254	12.848	0.18862	2.63568	4	X
K01RF1Y	16.3	0.15	K1128	30.171	259.783	127.963	9.502	0.28313	2.69130	3	X
K01S01Y	17.4	0.15	K1128	51.343	20.846	345.986	3.892	0.29398	2.67464	3	X
K01S03D	15.9	0.15	K1128	110.596	290.574	25.210	12.399	0.22632	2.62779	5	X
K01S03W	16.8	0.15	K1128	79.473	118.989	249.716	3.371	0.27493	2.58823	5	X
K01S25B	17.6	0.15	K1128	54.070	215.222	181.598	4.939	0.27345	2.63004	4	X
K01S57Z	16.0	0.15	K1128	29.033	221.301	191.929	15.480	0.14347	2.65874	4	X
K01S60H	14.5	0.15	K1128	101.323	345.243	336.935	8.946	0.19090	3.97336	6	X
K01SB6F	15.9	0.15	K1128	63.638	215.239	160.160	12.620	0.15162	2.62888	5	X
K01SC4B	17.3	0.15	K1128	83.480	83.814	273.666	3.430	0.23749	2.59723	3	X
K01SD0U	16.7	0.15	K1128	74.164	358.298	357.148	7.621	0.18396	2.63248	4	X
K01SD4K	16.2	0.15	K1128	53.082	200.338	187.602	14.540	0.18938	2.63513	4	X
K01SD5C	16.9	0.15	K1128	63.246	174.097	195.152	4.342	0.08437	2.63706	5	X
K01SH00	16.7	0.15	K1128	114.723	51.598	279.719	4.266	0.08042	2.58454	6	X
K01SH0Y	16.5	0.15	K1128	33.455	136.147	265.868	3.220	0.22732	2.65480	4	X
K01SH5G	16.7	0.15	K1128	33.070	329.454	100.890	4.120	0.30633	2.64120	3	X
K01SH9T	16.1	0.15	K1128	91.152	269.764	70.498	4.540	0.27374	2.57098	6	X
K01SJ6F	17.9	0.15	K1128	78.459	146.297	170.613	2.028	0.26043	2.66482	3	X
K01SK4P	16.6	0.15	K1128	78.531	286.232	111.542	2.210	0.16730	2.55776	5	X
K01SL9Y	16.8	0.15	K1128	91.457	153.664	171.005	5.075	0.09947	2.65950	3	X
K01SM1Z	16.7	0.15	K1128	35.071	281.040	142.967	3.976	0.25429	2.63318	3	X
K01SM2P	17.2	0.15	K1128	72.795	200.016	136.594	2.560	0.20121	2.67030	5	X
K01SM2Z	16.9	0.15	K1128	57.475	234.461	163.367	1.692	0.16049	2.61295	4	X
K01SN6R	16.7	0.15	K1128	85.741	337.641	10.410	10.924	0.10797	2.62718	4	X
K01SO2U	16.4	0.15	K1128	33.907	222.615	185.735	12.885	0.14142	2.66065	4	X
K01SR1U	16.0	0.15	K1128	123.983	71.316	214.692	7.182	0.21748	2.64655	4	X

K01SR8M	16.8	0.15	K1128	85.240	111.380	241.224	5.192	0.36018	2.62627	3	X
K01ST8H	17.0	0.15	K1128	42.315	192.188	203.756	11.617	0.18750	2.63947	3	X
K01SU4R	16.3	0.15	K1128	113.855	109.248	200.319	7.741	0.15291	2.63399	5	X
K01SU5N	16.3	0.15	K1128	2.972	242.990	198.949	13.974	0.07160	2.64359	4	X
K01SX4F	16.1	0.15	K1128	275.995	0.891	191.925	11.631	0.12325	2.58131	5	X
K01SY8W	16.8	0.15	K1128	43.591	262.516	98.430	9.425	0.35434	2.70082	2	X
K01SZ1R	16.4	0.15	K1128	26.711	335.622	101.659	9.187	0.16432	2.63758	7	X
K01SZ4Q	16.6	0.15	K1128	44.068	341.368	64.524	4.963	0.20944	2.63281	6	X
K01SZ4V	15.6	0.15	K1128	116.186	229.078	74.902	9.958	0.09088	2.64970	6	X
K01T00S	15.8	0.15	K1128	23.351	328.813	21.019	17.678	0.27922	2.75253	3	W
K01T19L	15.3	0.15	K1128	83.063	86.499	254.630	12.212	0.18965	2.67932	4	X
K01T21S	16.2	0.15	K1128	37.923	321.160	45.805	13.471	0.15718	2.71215	4	X
K01T32T	15.5	0.15	K1128	297.693	91.250	34.885	24.795	0.17221	2.80014	4	X
K01T62E	16.0	0.15	K1128	74.989	314.161	58.702	3.129	0.09898	2.63916	6	X
K01T64H	15.5	0.15	K1128	19.052	257.150	213.174	28.060	0.33239	2.63937	4	W
K01T75Z	15.6	0.15	K1128	57.203	330.329	45.420	13.218	0.17753	2.68424	4	X
K01T82O	17.0	0.15	K1128	22.047	200.738	212.872	13.428	0.23803	2.67933	4	X
K01T90K	17.0	0.15	K1128	87.408	93.560	262.375	4.684	0.29748	2.61366	3	X
K01TB0P	15.5	0.15	K1128	36.533	178.552	257.288	5.197	0.27100	2.64223	5	X
K01TB7T	15.3	0.15	K1128	59.860	13.019	273.372	16.955	0.32068	2.76945	3	W
K01TC3R	15.9	0.15	K1128	54.284	120.267	222.463	11.803	0.28750	2.69760	2	X
K01TI9P	15.6	0.15	K1128	41.523	194.636	247.616	8.882	0.20723	2.62541	5	X
K01TJ8Z	16.1	0.15	K1128	65.374	263.580	72.219	7.658	0.28297	2.67542	3	X
K01TJ9P	16.5	0.15	K1128	45.289	215.245	162.103	8.291	0.24476	2.67398	4	X
K01TL4U	17.0	0.15	K1128	355.418	157.972	274.726	8.261	0.23094	2.73478	4	X
K01TL8S	16.4	0.15	K1128	63.327	194.139	153.321	5.295	0.22456	2.69283	4	X
K01TM7Z	16.4	0.15	K1128	93.337	69.712	296.543	13.326	0.33138	2.55873	3	X
K01TN3Y	16.9	0.15	K1128	63.129	51.859	326.084	1.176	0.10397	2.65203	8	X
K01TN5F	16.1	0.15	K1128	26.343	277.526	128.680	8.339	0.07078	2.68895	6	X
K01TN7V	16.3	0.15	K1128	90.437	299.672	43.777	14.150	0.13382	2.63400	4	X
K01U08V	15.9	0.15	K1128	9.326	226.542	214.842	16.878	0.13989	2.63847	5	X
K01U18C	18.9	0.15	K1128	20.360	133.067	277.812	6.166	0.51507	2.73244	2	X
K01U31X	16.6	0.15	K1128	15.771	252.311	177.008	11.460	0.17482	2.67500	4	X
K01U36P	15.5	0.15	K1128	78.418	275.008	79.528	11.547	0.14636	2.66510	7	X
K01U60S	17.0	0.15	K1128	62.786	129.161	287.745	1.999	0.19747	2.58535	4	X
K01U70U	17.1	0.15	K1128	83.212	132.472	219.514	4.185	0.01006	2.69252	5	X
K01U80Y	16.1	0.15	K1128	47.968	154.401	216.450	13.544	0.14115	2.71778	4	X
K01U81M	16.5	0.15	K1128	97.255	119.278	204.564	12.009	0.29662	2.65362	4	X
K01U82X	16.6	0.15	K1128	34.371	270.380	155.187	1.145	0.19849	2.66052	5	X
K01U99T	16.9	0.15	K1128	38.758	252.387	135.724	1.831	0.21935	2.70304	4	X
K01UA2U	17.0	0.15	K1128	81.843	296.596	83.520	2.836	0.11062	2.60533	5	X
K01UB9Z	16.5	0.15	K1128	3.504	204.894	201.580	12.294	0.12873	2.75502	3	X
K01UC2K	15.7	0.15	K1128	354.171	223.936	225.042	34.427	0.23731	2.74051	3	X
K01UD5K	16.7	0.15	K1128	97.988	145.145	198.830	2.516	0.33806	2.61879	3	X
K01UE3C	15.8	0.15	K1128	126.717	93.605	208.067	10.452	0.29846	2.62937	4	X
K01UF5U	16.1	0.15	K1128	75.397	117.875	225.113	11.576	0.15935	2.71502	4	X
K01UF6Q	16.8	0.15	K1128	37.598	315.040	56.920	13.610	0.23251	2.74201	2	X
K01UH4D	16.8	0.15	K1128	37.660	285.797	96.793	2.867	0.17270	2.72373	5	X
K01UK0Y	17.4	0.15	K1128	89.223	126.257	240.290	3.394	0.21020	2.60527	4	X
K01UK1P	16.5	0.15	K1128	19.773	203.475	215.199	11.284	0.10778	2.67681	2	X
K01UK3W	16.9	0.15	K1128	40.407	139.446	303.083	2.081	0.20541	2.61282	5	X
K01UK9G	16.3	0.15	K1128	39.130	314.560	99.915	8.316	0.23591	2.66339	2	S
K01UL7A	17.2	0.15	K1128	96.188	146.979	212.960	1.581	0.10677	2.62339	5	X
K01UL8G	17.3	0.15	K1128	61.456	238.631	129.449	11.961	0.21979	2.69270	4	X
K01UM8V	16.0	0.15	K1128	20.416	353.912	87.077	11.728	0.12438	2.66354	3	X
K01V44B	15.1	0.15	K1128	73.111	156.402	252.991	27.506	0.12578	2.64246	5	X
K01V50T	15.9	0.15	K1128	11.141	171.078	276.561	7.520	0.22087	2.68241	4	X
K01V53G	16.6	0.15	K1128	33.104	143.855	310.505	4.674	0.18612	2.61234	4	X
K01V54K	15.4	0.15	K1128	57.555	131.349	245.900	13.758	0.08316	2.68948	2	X
K01V67W	16.4	0.15	K1128	80.211	92.097	290.807	6.229	0.20173	2.61054	5	X
K01V68D	15.7	0.15	K1128	68.669	117.422	270.300	11.114	0.27216	2.62727	5	X
K01V72A	16.0	0.15	K1128	24.447	197.487	233.705	21.260	0.11066	2.67105	4	X
K01V87G	16.1	0.15	K1128	212.935	342.331	208.689	15.195	0.02884	2.75706	5	X
K01VA1K	16.1	0.15	K1128	9.537	180.387	259.509	6.501	0.13400	2.69638	6	X
K01VD3X	17.0	0.15	K1128	75.524	246.224	90.930	4.583	0.11705	2.69065	6	X
K01W08Q	15.5	0.15	K1128	241.023	156.819	73.856	12.801	0.17286	2.65366	9	X
K01W35Z	16.7	0.15	K1128	51.425	299.043	120.855	3.678	0.25001	2.65138	4	X
K01W37D	15.2	0.15	K1128	28.340	31.082	57.028	22.920	0.09153	2.63221	5	X
K01W42M	15.8	0.15	K1128	219.164	346.697	221.359	10.747	0.07926	2.73623	4	X
K01W44M	16.1	0.15	K1128	36.572	336.273	87.638	6.175	0.09471	2.66357	6	X
K01W48B	15.8	0.15	K1128	9.210	8.465	92.786	11.193	0.29874	2.68683	4	X
K01W58S	16.7	0.15	K1128	60.943	137.957	238.897	2.419	0.06606	2.69016	5	X
K01W63H	17.2	0.15	K1128	95.626	123.644	244.928	8.574	0.12676	2.63784	4	X
K01W75O	16.0	0.15	K1128	285.260	288.372	229.750	12.217	0.02906	2.70367	4	X
K01W81R	16.4	0.15	K1128	21.697	349.682	73.482	6.274	0.09434	2.71759	3	X
K01W99T	16.4	0.15	K1128	95.662	272.454	61.433	11.112	0.06594	2.72240	4	X
K01WA2K	16.6	0.15	K1128	359.604	245.004	200.379	8.635	0.26389	2.73188	2	X
K01X01F	19.2	0.15	K1128	93.394	231.511	87.855	22.039	0.46374	1.47874	6	X
K01X11C	15.9	0.15	K1128	339.084	310.230	155.004	13.109	0.10134	2.73353	6	X
K01X13Z	16.2	0.15	K1128	19.310	169.270	290.156	12.986	0.20775	2.68444	3	X
K01X32T	17.4	0.15	K1128	25.711	169.393	237.073	8.706	0.23995	2.72155	2	X
K01X34R	15.4	0.15	K1128	168.865	26.583	302.517	13.345	0.08577	2.58725	7	X
K01X43C	15.4	0.15	K1128	68.206	60.043	299.653	13.197	0.20114	2.72592	5	X
K01X50A	16.0	0.15	K1128	203.547	86.490	226.164	0.259	0.13016	2.52311	6	X
K01X50D	15.7	0.15	K1128	45.835	95.557	247.738	18.403	0.28027	2.77655	2	X
K01X56V	16.1	0.15	K1128	332.755	238.067	254.417	7.366	0.22793	2.73308	4	X

K01X69U	15.9	0.15	K1128	63.078	296.926	74.545	10.289	0.16267	2.68828	4	X
K01X74Q	16.4	0.15	K1128	350.563	325.319	139.850	7.141	0.30405	2.73828	5	X
K01X94O	15.8	0.15	K1128	75.732	114.539	266.167	10.196	0.19916	2.65740	4	X
K01XA6Y	15.3	0.15	K1128	7.463	179.680	249.047	27.173	0.23595	2.72142	4	X
K01XC0F	17.4	0.15	K1128	2.929	23.783	66.390	6.228	0.38264	2.71974	2	X
K01XD0Q	15.5	0.15	K1128	16.765	321.281	79.860	11.473	0.08199	2.78194	6	X
K01XD8Z	16.5	0.15	K1128	1.771	203.807	247.464	8.574	0.17340	2.73233	2	X
K01XE9S	16.4	0.15	K1128	65.631	301.207	86.983	5.982	0.06162	2.71550	5	X
K01XG1C	16.3	0.15	K1128	108.979	88.565	248.021	4.518	0.01055	2.74162	7	X
K01XG7F	16.0	0.15	K1128	316.869	263.968	265.993	24.311	0.33169	2.74481	3	X
K01XG7Y	16.7	0.15	K1128	21.518	337.933	44.392	10.849	0.28521	2.79709	4	X
K01XI3B	16.3	0.15	K1128	18.459	292.465	116.583	7.076	0.31502	2.78388	3	X
K01XJ8Y	15.9	0.15	K1128	9.515	327.954	113.994	18.770	0.11587	2.78406	5	X
K01XL2C	15.9	0.15	K1128	323.581	29.157	99.607	15.168	0.22210	2.76533	3	X
K01XM2N	16.6	0.15	K1128	141.495	337.954	16.155	1.178	0.04166	2.58683	5	X
K01XM6J	15.9	0.15	K1128	123.860	77.653	264.149	11.631	0.16737	2.63046	4	X
K01XN0Z	16.7	0.15	K1128	26.017	73.819	346.164	2.341	0.16585	2.72141	5	X
K01XN1F	17.0	0.15	K1128	33.259	78.225	346.277	2.024	0.14833	2.69657	5	X
K01XN2E	15.9	0.15	K1128	92.766	261.721	68.778	10.499	0.17448	2.73915	4	X
K01Y04Z	15.9	0.15	K1128	11.911	164.280	5.931	17.963	0.12058	2.60438	6	X
K01Y55E	16.0	0.15	K1128	88.750	87.378	283.704	6.694	0.02754	2.69809	7	X
K01Y56K	15.7	0.15	K1128	12.090	174.952	272.096	15.696	0.25062	2.72015	4	X
K01Y85Y	16.3	0.15	K1128	42.692	158.726	333.947	4.309	0.16247	2.60524	6	X
K01YC0L	15.9	0.15	K1128	51.204	269.684	102.233	10.568	0.27359	2.74892	4	X
K01YD6H	15.4	0.15	K1128	3.778	174.320	272.011	21.030	0.02793	2.66069	4	X
K01YE7N	16.9	0.15	K1128	42.639	117.949	281.987	1.899	0.18751	2.71503	5	X
K02A13V	16.2	0.15	K1128	321.576	57.203	104.480	12.756	0.14142	2.74227	6	X
K02A20B	15.9	0.15	K1128	1.260	292.360	165.163	7.843	0.27601	2.76007	4	X
K02A25X	16.0	0.15	K1128	342.655	212.823	293.446	11.149	0.07151	2.71703	7	X
K02A44Q	16.3	0.15	K1128	50.868	272.158	135.496	5.171	0.11953	2.74458	5	X
K02A60S	16.4	0.15	K1128	27.104	150.621	301.739	10.820	0.16191	2.73016	4	X
K02A65V	16.4	0.15	K1128	18.543	300.092	119.522	4.376	0.09119	2.80592	8	X
K02AB4F	16.1	0.15	K1128	93.788	77.154	307.287	6.518	0.27412	2.66961	4	X
K02AC4C	15.5	0.15	K1128	41.949	313.344	128.958	10.565	0.19473	2.72891	5	X
K02AE2R	15.9	0.15	K1128	242.829	144.544	121.387	15.516	0.08444	2.65992	6	X
K02AF0N	16.3	0.15	K1128	6.366	117.921	326.018	4.188	0.13182	2.78731	5	X
K02AH3L	16.7	0.15	K1128	335.101	14.845	104.444	3.042	0.19802	2.80463	4	X
K02AH3N	16.7	0.15	K1128	351.962	18.216	114.198	10.420	0.15640	2.73691	4	X
K02AI2S	15.9	0.15	K1128	14.139	29.184	71.652	13.353	0.13830	2.72747	5	X
K02AI9E	16.8	0.15	K1128	29.870	318.260	177.872	13.218	0.20051	2.64310	6	X
K02AK9M	16.4	0.15	K1128	14.341	334.243	91.886	11.375	0.07366	2.66100	5	X
K02B27B	16.3	0.15	K1128	309.093	115.790	68.622	13.184	0.15641	2.75733	4	X
K02B28E	16.1	0.15	K1128	77.779	274.295	148.827	11.813	0.15959	2.69176	6	X
K02C02F	15.5	0.15	K1128	112.782	260.593	109.072	15.815	0.04504	2.73614	6	X
K02C04J	16.7	0.15	K1128	315.703	118.970	356.959	2.254	0.10784	2.91073	5	X
K02C13O	15.8	0.15	K1128	323.836	56.718	143.830	9.606	0.06314	2.67003	6	X
K02C16D	15.8	0.15	K1128	10.244	289.622	177.989	10.591	0.22688	2.73161	5	X
K02C48N	16.3	0.15	K1128	24.146	198.736	250.273	8.562	0.15361	2.75632	3	X
K02C57K	16.1	0.15	K1128	22.026	276.882	178.904	4.974	0.30523	2.75019	6	X
K02C67S	17.1	0.15	K1128	44.257	311.944	117.701	7.981	0.25099	2.70911	3	X
K02CG1O	15.8	0.15	K1128	242.144	98.218	113.476	8.840	0.22922	2.90350	4	X
K02CH5T	15.4	0.15	K1128	337.054	249.625	335.554	6.813	0.14941	2.57644	4	X
K02CH6N	15.9	0.15	K1128	111.648	233.822	127.012	6.734	0.05961	2.75015	8	X
K02CI9K	16.7	0.15	K1128	6.951	79.929	20.368	1.708	0.15520	2.76295	5	X
K02CJ0H	16.1	0.15	K1128	252.537	97.573	128.366	9.153	0.00491	2.76524	5	X
K02CJ3H	16.4	0.15	K1128	302.246	51.467	79.701	2.935	0.12747	2.89761	4	X
K02CN4K	15.8	0.15	K1128	295.435	57.952	135.319	8.491	0.08841	2.78236	6	X
K02CJ8Z	17.0	0.15	K1128	106.870	186.261	142.177	3.091	0.07228	2.15840	3	X
K02CQ3F	14.6	0.15	K1128	200.474	168.750	53.568	14.265	0.27085	3.06064	5	X
K02CS3S	16.5	0.15	K1128	359.166	317.788	140.847	13.635	0.11534	2.80190	4	X
K02CU8Y	16.5	0.15	K1128	355.251	359.041	126.491	4.726	0.04806	2.78410	5	X
K02CV0D	15.9	0.15	K1128	12.997	220.131	243.524	4.128	0.12931	2.77338	6	X
K02D13M	13.0	0.15	K1128	59.723	29.079	341.884	8.152	0.02619	5.14522	4	X
K02D15W	13.3	0.15	K1128	303.312	321.940	164.188	19.367	0.04609	5.13122	7	X
K02E00U	16.9	0.15	K1128	0.256	315.575	173.393	7.841	0.37241	2.72141	5	X
K02E21G	15.5	0.15	K1128	241.247	107.946	95.362	9.852	0.17622	2.98301	4	X
K02E23E	17.1	0.15	K1128	162.474	127.097	141.909	2.577	0.02412	2.96345	4	X
K02E25A	15.7	0.15	K1128	129.656	139.203	169.213	12.668	0.14249	3.01729	6	X
K02E32A	17.1	0.15	K1128	171.420	106.632	153.292	5.099	0.11592	2.21983	5	X
K02E40L	16.7	0.15	K1128	324.389	249.801	239.367	0.736	0.03842	2.16105	6	X
K02EA5Q	14.9	0.15	K1128	238.723	122.161	70.880	9.903	0.09154	3.01450	4	X
K02EC4B	15.9	0.15	K1128	327.842	289.082	185.488	9.529	0.05218	2.93818	6	X
K02EE8E	15.7	0.15	K1128	199.336	249.026	3.065	7.543	0.10287	2.97653	6	X
K02EG0P	13.6	0.15	K1128	19.130	96.311	325.076	6.011	0.07520	5.12301	7	X
K02F15Y	15.7	0.15	K1128	202.024	117.428	117.875	10.688	0.11732	3.02262	6	X
K02F16R	15.8	0.15	K1128	13.890	32.144	135.114	10.546	0.15112	2.71929	6	X
K02G03M	16.4	0.15	K1128	188.869	235.664	27.812	10.859	0.11062	2.22556	7	X
K02G08V	16.2	0.15	K1128	291.059	146.054	37.367	16.542	0.24949	2.90566	3	X
K02G17N	16.3	0.15	K1128	177.622	225.135	42.882	11.268	0.10771	2.24462	5	X
K02G48Z	17.7	0.15	K1128	272.085	334.248	201.774	3.920	0.09240	2.20491	4	X
K02G59L	15.6	0.15	K1128	8.643	176.165	313.688	9.506	0.18075	2.78122	8	X
K02G60N	15.5	0.15	K1128	145.363	88.741	207.543	10.576	0.15321	3.13979	4	X
K02G68Y	15.7	0.15	K1128	234.359	36.710	164.621	6.309	0.08807	3.03792	6	X
K02G73E	17.5	0.15	K1128	222.314	125.907	91.176	3.956	0.12091	2.22734	6	X
K02G77A	16.4	0.15	K1128	317.581	65.509	151.677	8.331	0.16083	2.76927	5	X
K02G81J	15.0	0.15	K1128	205.210	145.670	70.764	7.340	0.08283	3.10642	5	X

K02G85T	15.3	0.15	K1128	198.045	89.106	164.332	11.391	0.06680	3.01498	5 X
K02GA0T	15.2	0.15	K1128	150.895	272.810	13.921	10.087	0.10079	3.06114	7 X
K02GA1P	15.4	0.15	K1128	184.070	52.368	198.815	11.047	0.09368	3.07643	5 X
K02GA4H	14.9	0.15	K1128	218.902	142.547	77.420	13.072	0.08074	3.08309	5 X
K02GB7T	15.2	0.15	K1128	55.861	235.762	154.643	9.877	0.04611	3.00524	6 X
K02GB8X	17.8	0.15	K1128	202.993	167.006	80.215	5.222	0.13536	2.21069	5 X
K02GB9W	14.9	0.15	K1128	10.008	4.451	67.089	10.516	0.05920	3.01050	6 X
K02GC0B	15.5	0.15	K1128	156.572	206.522	75.176	13.269	0.09632	3.07693	6 X
K02GF8O	15.1	0.15	K1128	173.498	212.767	59.038	14.245	0.16950	3.10652	3 X
K02GH7R	17.4	0.15	K1128	124.848	123.803	191.107	8.328	0.04711	2.23063	4 X
K02GI2K	18.0	0.15	K1128	121.281	236.538	71.307	3.093	0.17992	2.28074	5 X
K02H02B	16.9	0.15	K1128	225.568	148.704	97.200	6.768	0.13905	2.18906	6 X
K02H16Y	15.8	0.15	K1128	265.019	161.724	25.633	9.175	0.08388	2.97571	5 X
K02J01C	15.5	0.15	K1128	12.860	94.545	34.026	17.650	0.25997	2.75313	4 W
K02J04G	16.3	0.15	K1128	229.820	133.484	101.528	25.468	0.21318	2.21786	5 X
K02J78Z	15.2	0.15	K1128	330.151	103.155	15.643	10.109	0.04910	3.00761	6 X
K02J91U	15.0	0.15	K1128	152.380	83.892	226.004	4.522	0.16214	3.11132	6 X
K02JB9K	15.3	0.15	K1128	154.769	144.663	140.249	16.580	0.03054	3.12300	5 X
K02JE3D	14.8	0.15	K1128	171.285	182.342	71.724	12.787	0.14752	3.15232	6 X
K02L33G	15.0	0.15	K1128	234.824	87.374	134.826	17.119	0.09884	3.09350	4 X
K02L38V	16.8	0.15	K1128	154.661	97.549	198.749	4.684	0.29107	2.31336	5 X
K02L61A	15.3	0.15	K1128	348.856	314.719	126.123	12.182	0.06262	3.22137	5 X
K02L61S	15.0	0.15	K1128	109.125	185.795	145.295	11.271	0.01788	3.17170	7 X
K02M00E	17.1	0.15	K1128	104.305	255.301	115.978	26.254	0.07522	1.79977	6 X
K02N17O	17.2	0.15	K1128	111.218	50.088	281.816	11.683	0.21963	2.35963	4 X
K02N59G	17.8	0.15	K1128	137.865	136.931	148.430	1.714	0.18348	2.36384	5 X
K02O00R	17.0	0.15	K1128	197.531	33.582	251.407	6.819	0.23964	2.25386	5 X
K02O02M	15.9	0.15	K1128	59.814	107.134	292.148	10.758	0.24844	2.40089	4 X
K02O04S	18.3	0.15	K1128	37.137	102.040	289.583	26.802	0.45386	1.92351	3 W
K02O07R	17.1	0.15	K1128	74.819	225.352	117.890	16.154	0.24486	2.41494	5 X
K02O09E	17.0	0.15	K1128	96.174	174.517	184.273	4.973	0.21585	2.36089	4 X
K02O12R	16.4	0.15	K1128	31.484	113.426	262.038	9.422	0.22701	2.47997	3 X
K02O27K	16.2	0.15	K1128	277.883	299.999	300.129	4.469	0.17423	3.03606	6 X
K02O31B	17.0	0.15	K1128	112.691	235.260	74.230	5.842	0.23644	2.39094	5 X
K02P10B	15.6	0.15	K1128	216.445	22.822	237.812	4.582	0.07776	3.24231	8 X
K02P93C	17.5	0.15	K1128	58.327	109.804	299.074	18.131	0.08405	1.86147	5 X
K02P95E	16.7	0.15	K1128	60.196	359.864	5.708	8.201	0.23063	2.43269	4 X
K02PA3F	16.7	0.15	K1128	59.731	155.650	242.020	4.559	0.15646	2.36884	5 X
K02PA5W	17.2	0.15	K1128	76.232	136.136	211.473	6.088	0.14731	2.41326	6 X
K02PB2A	16.8	0.15	K1128	93.650	62.675	286.835	8.420	0.08847	2.37212	4 X
K02PD1V	16.3	0.15	K1128	92.656	356.259	346.139	6.071	0.15003	2.38222	4 X
K02PD6M	17.0	0.15	K1128	100.113	240.832	105.103	3.548	0.26331	2.37641	4 X
K02PF7Q	17.8	0.15	K1128	66.724	239.944	106.685	2.224	0.20439	2.43223	4 X
K02PG0W	17.4	0.15	K1128	77.968	258.617	95.808	3.622	0.17307	2.39315	6 X
K02PG2U	16.8	0.15	K1128	79.456	265.253	128.044	4.758	0.21249	2.34826	4 X
K02PG6L	16.7	0.15	K1128	78.057	294.432	114.786	7.360	0.10268	2.30382	7 X
K02PH3J	17.7	0.15	K1128	45.041	194.069	184.280	4.355	0.15666	2.43269	4 X
K02PH5K	14.8	0.15	K1128	94.946	192.092	145.055	15.843	0.06550	3.45726	6 X
K02PI1F	17.1	0.15	K1128	77.760	237.213	103.182	4.359	0.13130	2.41286	4 X
K02Q11D	17.2	0.15	K1128	110.937	193.293	150.541	6.742	0.24941	2.35212	6 X
K02Q23Z	15.5	0.15	K1128	236.956	134.228	140.845	8.291	0.14392	3.12060	6 X
K02Q38U	17.4	0.15	K1128	84.134	244.679	142.177	1.008	0.26759	2.38346	4 X
K02Q61O	17.2	0.15	K1128	139.663	112.143	166.821	2.574	0.15502	2.39846	5 X
K02Q69M	17.8	0.15	K1128	48.635	241.544	124.827	3.597	0.24630	2.45536	3 X
K02Q74D	15.8	0.15	K1128	224.560	145.440	130.580	13.173	0.03888	3.20498	6 X
K02Q75U	18.6	0.15	K1128	85.014	173.705	146.616	1.836	0.19191	2.44185	3 X
K02Q86D	17.7	0.15	K1128	72.205	92.830	263.095	1.366	0.20101	2.41720	3 X
K02QA0A	16.8	0.15	K1128	40.900	246.527	140.562	10.039	0.22678	2.44638	5 X
K02QA7W	15.2	0.15	K1128	96.653	94.409	313.451	10.433	0.05658	3.19971	6 X
K02QA8L	18.2	0.15	K1128	76.080	229.573	154.808	2.365	0.08332	2.34422	6 X
K02QB3P	15.2	0.15	K1128	101.000	85.974	242.000	8.680	0.07996	3.55299	5 X
K02QB5G	17.4	0.15	K1128	259.078	154.331	107.819	5.496	0.21116	2.21187	4 X
K02QB5Y	17.2	0.15	K1128	42.712	161.006	284.237	4.878	0.11372	2.31228	6 X
K02QB8L	17.5	0.15	K1128	33.117	337.843	97.978	4.669	0.11919	2.35028	5 X
K02QC0E	17.2	0.15	K1128	96.679	242.094	110.407	3.132	0.19370	2.38456	3 X
K02R15U	16.8	0.15	K1128	100.999	172.747	183.747	4.688	0.19880	2.37740	5 X
K02R44M	15.0	0.15	K1128	15.164	308.781	65.403	3.804	0.32658	3.94729	2 X
K02R50S	16.9	0.15	K1128	101.832	244.521	128.976	2.941	0.21883	2.36533	6 X
K02R53X	17.0	0.15	K1128	101.260	216.405	132.867	2.893	0.21102	2.38746	5 X
K02R69X	17.3	0.15	K1128	72.853	211.792	155.295	2.736	0.22455	2.41543	3 X
K02R80B	16.5	0.15	K1128	112.843	139.618	167.852	6.313	0.15736	2.42780	5 X
K02R89C	17.8	0.15	K1128	90.795	44.702	290.927	1.211	0.23069	2.41906	3 X
K02RC6X	14.6	0.15	K1128	244.314	328.933	277.286	14.771	0.14663	3.18431	6 X
K02RE2M	17.2	0.15	K1128	189.661	290.192	330.743	9.869	0.23951	2.33901	5 X
K02RE3K	17.6	0.15	K1128	62.872	43.931	315.702	5.013	0.17158	2.45286	5 X
K02RE4A	16.8	0.15	K1128	46.019	118.401	301.700	4.100	0.13701	2.39248	4 X
K02RG0D	16.6	0.15	K1128	213.865	257.488	338.405	6.154	0.08205	2.36712	5 X
K02RG9V	16.8	0.15	K1128	52.813	80.008	309.990	6.308	0.13336	2.40334	5 X
K02RI3T	16.6	0.15	K1128	129.936	352.226	299.980	12.481	0.28305	2.40952	6 X
K02RK1P	17.2	0.15	K1128	96.737	342.568	6.195	1.560	0.19661	2.38700	5 X
K02RL5K	17.2	0.15	K1128	56.402	281.746	107.373	5.893	0.11584	2.41115	9 X
K02RL7K	16.1	0.15	K1128	165.128	9.702	331.176	3.492	0.15198	3.21925	4 X
K02RQ0E	17.5	0.15	K1128	21.403	249.765	161.703	1.943	0.13204	2.44394	4 X
K02RR3B	17.3	0.15	K1128	33.187	274.142	166.957	5.306	0.09639	2.34707	5 X
K02RR4O	17.9	0.15	K1128	29.316	266.974	139.977	6.225	0.22646	2.43989	4 X
K02RR4V	15.6	0.15	K1128	301.839	82.789	130.073	6.243	0.11585	3.12610	8 X

K02S08J	17.5	0.15	K1128	29.392	181.466	192.887	2.754	0.22932	2.52073	5	X
K02S14M	17.4	0.15	K1128	40.576	21.406	21.253	6.360	0.16461	2.44364	4	X
K02S25B	16.9	0.15	K1128	31.774	136.964	269.140	1.517	0.18139	2.45501	4	X
K02S26U	17.3	0.15	K1128	83.379	180.119	194.999	2.185	0.18518	2.39752	4	X
K02S33Z	17.1	0.15	K1128	89.253	255.006	108.856	3.097	0.19184	2.39797	7	X
K02S41T	17.3	0.15	K1128	222.795	189.907	13.782	22.008	0.03728	1.91435	4	X
K02S57X	16.8	0.15	K1128	107.334	261.451	110.617	4.177	0.19429	2.35797	7	X
K02T02S	16.6	0.15	K1128	77.962	179.876	193.242	3.642	0.13229	2.42412	6	X
K02T05X	16.5	0.15	K1128	49.458	39.250	38.521	5.249	0.20600	2.39403	5	W
K02T09W	17.0	0.15	K1128	79.438	303.926	83.908	3.494	0.18399	2.40113	6	X
K02T10Q	17.0	0.15	K1128	85.091	332.769	16.410	3.748	0.16356	2.42646	4	X
K02T15J	16.7	0.15	K1128	105.965	287.312	36.830	6.437	0.21960	2.41739	5	X
K02T29H	16.7	0.15	K1128	117.032	304.512	60.605	2.249	0.19421	2.36501	5	X
K02T37L	16.7	0.15	K1128	36.977	12.101	34.111	7.077	0.16925	2.47505	5	X
K02T65S	16.5	0.15	K1128	48.885	37.579	18.956	6.453	0.14042	2.42760	6	X
K02T66M	15.7	0.15	K1128	189.868	5.329	268.431	24.154	0.21683	2.34395	4	X
K02T82Q	17.8	0.15	K1128	74.283	11.201	359.521	0.876	0.20141	2.43340	3	X
K02T94B	17.4	0.15	K1128	76.804	350.595	7.284	8.176	0.13297	2.43389	4	X
K02TF0S	17.4	0.15	K1128	73.881	146.723	231.384	4.313	0.24148	2.41507	3	X
K02TF6X	17.8	0.15	K1128	46.803	111.875	282.881	4.923	0.22583	2.44185	3	X
K02TH7N	16.6	0.15	K1128	117.789	87.844	242.772	17.676	0.05555	1.89189	5	X
K02TJ0F	17.1	0.15	K1128	119.944	220.704	118.740	5.901	0.22463	2.41782	5	X
K02TK8J	16.0	0.15	K1128	53.792	170.523	217.524	14.591	0.18364	2.46921	6	X
K02TM5Z	16.6	0.15	K1128	68.340	289.121	109.982	4.542	0.25447	2.44024	5	X
K02TM6A	15.3	0.15	K1128	60.769	298.703	62.814	15.168	0.15784	2.52427	6	X
K02TQ7E	17.1	0.15	K1128	343.179	242.585	224.079	19.594	0.09910	1.91348	3	X
K02TR7L	17.0	0.15	K1128	24.388	172.309	211.979	14.852	0.14018	2.53112	4	X
K02TS7X	15.8	0.15	K1128	75.780	1.321	359.498	6.797	0.15282	2.48165	5	X
K02TV0A	17.3	0.15	K1128	39.990	322.971	142.560	7.719	0.05736	2.34091	6	X
K02TW9P	18.1	0.15	K1128	2.619	69.722	20.389	9.860	0.13678	2.44001	5	X
K02TX1S	18.2	0.15	K1128	38.269	21.454	68.624	2.391	0.15592	2.37594	3	X
K02TY0C	16.7	0.15	K1128	199.957	182.514	67.964	5.775	0.06474	2.41387	5	X
K02Tc1Q	18.1	0.15	K1128	66.951	182.279	210.072	2.554	0.19080	2.41209	3	X
K02U02V	16.5	0.15	K1128	79.202	108.391	295.660	15.626	0.11783	1.87739	4	X
K02U12F	16.5	0.15	K1128	159.141	8.826	269.534	19.027	0.05022	1.91093	6	X
K02U30F	17.3	0.15	K1128	24.428	211.520	236.600	1.500	0.17411	2.43725	3	X
K02U37J	16.3	0.15	K1128	81.411	319.755	34.108	8.025	0.10824	2.47570	4	X
K02U55N	17.1	0.15	K1128	165.691	151.097	112.394	6.966	0.10255	2.46371	5	X
K02V09L	16.8	0.15	K1128	71.118	31.330	352.070	5.999	0.13405	2.44817	4	X
K02V35C	15.2	0.15	K1128	30.640	158.549	261.313	9.623	0.21367	2.53294	5	X
K02V35U	15.9	0.15	K1128	325.044	226.902	234.292	21.051	0.15328	2.58283	4	X
K02V37J	16.6	0.15	K1128	57.274	348.971	92.024	6.632	0.19305	2.39586	4	X
K02V41O	17.5	0.15	K1128	19.862	91.656	12.766	1.659	0.15056	2.43467	7	X
K02V55A	16.2	0.15	K1128	71.931	127.413	263.569	4.993	0.13936	2.44740	4	X
K02V58N	16.8	0.15	K1128	25.622	200.403	200.996	5.600	0.27715	2.53570	6	X
K02V59Q	17.0	0.15	K1128	61.528	297.006	118.788	3.831	0.20212	2.42553	5	X
K02V62D	16.2	0.15	K1128	21.833	344.642	39.136	15.718	0.10601	2.56339	3	X
K02V72G	16.5	0.15	K1128	118.941	185.048	138.233	2.151	0.18862	2.44826	9	X
K02VA2E	16.4	0.15	K1128	101.996	84.693	246.629	8.542	0.13705	2.47192	3	X
K02VC0B	15.7	0.15	K1128	51.539	71.454	269.693	12.270	0.25333	2.57908	3	X
K02VC4Y	16.8	0.15	K1128	42.276	307.553	96.989	7.573	0.19535	2.48291	4	X
K02VC6T	17.0	0.15	K1128	30.897	280.774	65.676	13.533	0.28895	2.59543	3	W
K02VE2N	17.1	0.15	K1128	136.615	244.899	84.956	5.036	0.10757	2.41721	5	X
K02W04Z	16.3	0.15	K1128	50.928	143.422	234.478	14.501	0.12458	2.52965	3	X
K02W06G	16.9	0.15	K1128	21.379	139.740	254.090	10.966	0.25800	2.54336	4	X
K02W07R	16.2	0.15	K1128	23.210	328.178	65.113	9.080	0.19882	2.55517	5	X
K02W08N	16.6	0.15	K1128	46.125	321.603	66.516	11.103	0.17433	2.51646	3	X
K02W14Q	16.1	0.15	K1128	74.889	268.568	121.501	8.533	0.13811	2.45729	6	X
K02W18P	15.9	0.15	K1128	5.072	290.721	162.450	9.333	0.11813	2.48553	5	X
K02W22R	16.9	0.15	K1128	5.920	25.196	73.817	7.880	0.04053	2.47067	4	X
K02W31G	16.9	0.15	K1128	27.400	173.230	234.148	11.972	0.13476	2.54023	3	X
K02X17Y	17.3	0.15	K1128	35.580	210.480	250.472	0.568	0.14714	2.43259	6	X
K02X22B	16.7	0.15	K1128	295.087	72.095	94.731	23.873	0.07519	1.96033	6	X
K02X29H	15.4	0.15	K1128	347.334	3.309	112.160	23.024	0.08367	2.57384	5	X
K02X36J	16.3	0.15	K1128	37.368	319.782	69.818	10.774	0.06523	2.55556	4	X
K02X38F	15.4	0.15	K1128	7.274	104.487	286.380	26.200	0.24696	2.61646	3	W
K02X44K	16.2	0.15	K1128	17.976	85.593	341.251	4.562	0.18612	2.54401	5	X
K02X45H	16.8	0.15	K1128	176.075	13.630	263.051	18.554	0.05692	1.92697	7	X
K02X51Q	17.0	0.15	K1128	94.768	291.017	91.988	3.388	0.18741	2.43176	6	X
K02X51R	16.9	0.15	K1128	15.974	316.362	87.978	2.428	0.24237	2.56730	4	X
K02X59W	17.2	0.15	K1128	132.097	284.099	59.137	20.987	0.05289	1.89682	4	X
K02X60U	17.0	0.15	K1128	329.552	77.548	58.294	22.528	0.06248	1.92277	2	X
K02X84Z	15.6	0.15	K1128	327.122	212.714	285.419	9.935	0.19317	2.52212	3	X
K02X89P	16.5	0.15	K1128	324.728	355.942	135.731	13.449	0.09576	2.60140	6	X
K02XB3Z	15.2	0.15	K1128	78.673	57.508	295.298	9.049	0.18796	2.53851	4	X
K02XB5Y	16.7	0.15	K1128	285.799	1.313	204.471	2.573	0.09672	2.56002	5	X
K02Y05O	15.0	0.15	K1128	333.067	255.491	247.599	26.051	0.25400	2.58438	3	X
K02Y17G	16.6	0.15	K1128	34.049	188.920	265.911	9.731	0.22198	2.45584	4	W
K02Y20M	16.5	0.15	K1128	332.097	211.815	284.922	3.998	0.21762	2.54010	3	X
K02Y30P	16.3	0.15	K1128	57.196	280.126	98.995	5.974	0.26648	2.53290	4	X
K02Y36Q	15.8	0.15	K1128	56.300	301.306	92.658	12.565	0.11635	2.58874	8	X
K03A00W	16.2	0.15	K1128	21.848	264.820	141.439	8.607	0.22932	2.58226	5	X
K03A01J	16.4	0.15	K1128	328.085	335.465	161.591	5.354	0.18407	2.56264	3	S
K03A01O	16.0	0.15	K1128	5.887	308.128	139.251	10.042	0.19946	2.56165	7	X
K03A01R	15.7	0.15	K1128	312.317	283.918	226.915	3.626	0.16341	2.60021	5	X
K03A02V	16.6	0.15	K1128	14.532	170.522	294.367	17.468	0.08462	1.94094	3	X



K03A03J	16.2	0.15	K1128	23.972	328.098	134.470	12.215	0.15391	2.53510	5 X
K03A13O	15.7	0.15	K1128	3.401	305.834	129.832	12.704	0.15843	2.59834	8 X
K03A16A	17.5	0.15	K1128	65.231	76.328	325.713	1.528	0.27337	2.47708	3 X
K03A27Z	15.9	0.15	K1128	48.926	266.086	116.552	13.840	0.25305	2.58288	4 X
K03A28A	15.8	0.15	K1128	43.642	272.231	114.117	15.376	0.22827	2.58007	2 X
K03A29M	15.0	0.15	K1128	321.174	212.018	296.960	11.464	0.17495	2.58444	5 X
K03A33V	17.1	0.15	K1128	347.505	358.271	101.140	5.759	0.21278	2.59049	4 X
K03A35S	16.6	0.15	K1128	93.715	245.404	137.699	3.284	0.20973	2.44847	6 X
K03A36Q	15.8	0.15	K1128	48.079	259.810	144.701	4.038	0.17842	2.52206	8 X
K03A41V	16.2	0.15	K1128	333.765	354.313	146.417	13.432	0.22980	2.58006	5 X
K03A46M	15.8	0.15	K1128	65.162	28.551	354.725	4.192	0.21158	2.52316	4 X
K03A48N	16.1	0.15	K1128	2.863	19.308	96.709	14.087	0.22252	2.51868	4 X
K03A50J	16.7	0.15	K1128	328.885	51.747	74.492	4.542	0.11308	2.58104	4 X
K03A59A	16.5	0.15	K1128	15.563	343.902	104.555	7.232	0.25525	2.55447	4 X
K03A61U	16.2	0.15	K1128	31.018	266.998	142.484	7.100	0.24002	2.54553	6 X
K03A68J	16.0	0.15	K1128	16.462	338.357	66.240	12.054	0.17523	2.63794	3 X
K03A70E	17.1	0.15	K1128	30.989	317.007	117.450	5.368	0.15732	2.53816	5 X
K03A71T	17.0	0.15	K1128	59.002	289.687	104.513	23.931	0.10847	1.95386	5 X
K03A80S	15.7	0.15	K1128	334.444	55.487	58.183	22.639	0.03064	2.65552	6 X
K03A82B	15.9	0.15	K1128	314.610	119.602	50.584	17.132	0.27864	2.58425	4 X
K03B08O	16.8	0.15	K1128	354.740	207.626	250.142	4.205	0.21832	2.57621	3 X
K03B10U	16.0	0.15	K1128	14.980	191.853	337.322	7.621	0.18051	2.43899	6 X
K03B18B	15.8	0.15	K1128	298.520	25.949	137.007	10.118	0.16275	2.62399	5 X
K03B22Y	15.6	0.15	K1128	340.301	118.925	264.913	13.732	0.12012	2.58007	6 X
K03B23Q	15.8	0.15	K1128	9.934	281.575	246.305	12.086	0.14744	2.62039	7 X
K03B24P	16.5	0.15	K1128	312.844	259.718	291.612	16.087	0.17351	2.54446	4 X
K03B27S	16.4	0.15	K1128	17.569	271.745	152.030	11.806	0.39648	2.58289	3 X
K03B29R	15.9	0.15	K1128	50.882	268.687	125.183	9.686	0.10814	2.59506	7 X
K03B43K	16.3	0.15	K1128	352.681	217.105	238.751	4.052	0.14890	2.58725	4 X
K03B45B	16.2	0.15	K1128	28.957	258.068	142.844	12.879	0.11027	2.67238	5 X
K03B51H	16.3	0.15	K1128	30.822	84.870	324.741	3.122	0.24453	2.59043	4 X
K03B53X	17.2	0.15	K1128	34.820	286.200	143.567	4.686	0.19714	2.54235	6 X
K03B55P	16.4	0.15	K1128	333.288	346.315	146.956	8.700	0.14859	2.59364	4 X
K03B63G	15.5	0.15	K1128	309.429	358.709	153.879	14.769	0.18424	2.65427	4 X
K03B63Q	18.0	0.15	K1128	355.017	101.433	11.690	6.428	0.27486	2.56435	4 X
K03B72B	15.4	0.15	K1128	258.182	282.349	287.890	11.763	0.21367	2.65233	5 X
K03B78Q	15.6	0.15	K1128	59.945	36.578	347.179	7.819	0.30474	2.54314	4 X
K03B83Q	16.1	0.15	K1128	342.704	74.261	59.804	7.259	0.06348	2.56667	4 X
K03B83R	16.5	0.15	K1128	323.910	89.447	66.580	5.779	0.21471	2.58160	3 X
K03B83W	16.2	0.15	K1128	321.360	353.146	139.035	12.202	0.20990	2.65299	6 X
K03B92K	16.3	0.15	K1128	335.173	1.512	116.399	4.699	0.12814	2.62351	4 X
K03C00U	15.8	0.15	K1128	264.480	262.683	291.894	10.490	0.12780	2.63820	2 S
K03C09S	16.0	0.15	K1128	295.983	70.791	83.948	10.823	0.17681	2.65832	4 X
K03C09Z	16.1	0.15	K1128	320.888	246.423	258.957	2.844	0.17336	2.61255	5 X
K03C10W	16.6	0.15	K1128	11.093	240.770	188.568	5.790	0.29739	2.59889	4 X
K03C11K	17.0	0.15	K1128	80.177	87.208	334.531	20.551	0.12425	1.90412	4 X
K03C16P	16.8	0.15	K1128	326.208	18.444	107.423	1.442	0.12014	2.63261	3 X
K03C19E	15.7	0.15	K1128	269.722	111.128	64.595	15.640	0.18168	2.68257	5 X
K03D24X	16.0	0.15	K1128	24.382	66.059	29.091	15.410	0.11110	2.57108	6 X
K03E00L	16.2	0.15	K1128	18.265	269.075	188.969	10.971	0.25337	2.54601	4 X
K03E01Z	16.2	0.15	K1128	282.169	158.012	16.861	6.657	0.10936	2.66380	4 X
K03E24W	16.4	0.15	K1128	287.115	7.771	178.566	14.326	0.18211	2.64865	8 X
K03E38B	15.8	0.15	K1128	17.964	240.021	208.747	11.377	0.22520	2.58995	7 X
K03E39S	16.4	0.15	K1128	333.085	39.607	105.431	14.110	0.19574	2.60627	3 X
K03E47L	17.5	0.15	K1128	300.532	264.659	304.843	17.945	0.08406	1.93241	4 X
K03E53E	16.8	0.15	K1128	314.865	66.972	81.375	7.156	0.27613	2.63272	2 X
K03E57E	15.9	0.15	K1128	321.785	47.736	86.558	14.179	0.20570	2.68598	4 X
K03E63M	16.0	0.15	K1128	278.699	104.582	70.571	13.415	0.13679	2.69187	3 X
K03F16Z	17.0	0.15	K1128	292.335	1.273	151.472	5.467	0.09645	2.71138	6 X
K03F32U	13.6	0.15	K1128	111.276	306.021	14.165	14.822	0.03952	5.16999	5 X
K03F47W	17.0	0.15	K1128	329.468	199.485	298.426	1.020	0.12357	2.67188	6 X
K03F52P	16.3	0.15	K1128	318.221	74.387	127.191	8.519	0.19749	2.56266	3 X
K03F68R	13.0	0.15	K1128	314.782	346.151	122.883	9.185	0.06334	5.20336	5 X
K03F74C	17.5	0.15	K1128	307.334	46.811	150.222	5.758	0.22884	2.61355	4 X
K03FA0E	16.3	0.15	K1128	1.302	10.352	111.331	6.255	0.26205	2.59241	3 X
K03FA9F	16.8	0.15	K1128	331.831	15.527	144.849	4.902	0.17545	2.62262	4 X
K03FB1C	16.0	0.15	K1128	298.883	340.226	195.827	13.319	0.18168	2.63893	4 X
K03FB1D	16.0	0.15	K1128	292.585	118.853	76.130	7.282	0.17211	2.62764	4 X
K03FB6V	15.5	0.15	K1128	78.460	15.350	340.073	13.218	0.10384	2.71900	6 X
K03G34G	16.0	0.15	K1128	276.672	51.343	128.325	13.239	0.05284	2.76100	5 X
K03G42Q	15.7	0.15	K1128	326.418	15.581	125.281	15.240	0.20723	2.63341	3 X
K03G44Q	16.2	0.15	K1128	308.309	80.518	109.996	14.961	0.17413	2.60756	6 X
K03G46H	12.9	0.15	K1128	356.048	338.746	89.996	6.237	0.06347	5.23550	4 X
K03H27G	16.3	0.15	K1128	239.437	122.774	131.633	4.875	0.17755	2.71921	6 X
K03H34P	16.3	0.15	K1128	268.138	350.144	196.591	7.804	0.15946	2.77467	5 X
K03H53L	15.2	0.15	K1128	123.247	188.480	103.576	12.323	0.21140	3.00711	5 X
K03K05C	16.6	0.15	K1128	334.219	92.699	44.495	14.094	0.23874	2.66777	4 X
K03K07E	16.4	0.15	K1128	116.113	180.360	133.318	10.284	0.06569	2.96937	5 X
K03L00G	18.5	0.15	K1128	347.700	18.831	124.512	11.883	0.73445	1.91320	2 S
K03M05Y	15.5	0.15	K1128	235.427	357.984	261.508	9.468	0.21964	2.84016	7 X
K03N01H	15.4	0.15	K1128	136.774	349.478	300.905	14.276	0.25131	3.16292	4 X
K03O06Y	14.9	0.15	K1128	177.154	3.922	267.049	11.570	0.22772	3.03520	6 X
K03O08Q	16.7	0.15	K1128	23.337	276.626	67.254	3.480	0.23461	2.32232	7 X
K03O12F	14.3	0.15	K1128	118.037	101.875	220.192	17.692	0.15509	3.21332	7 X
K03P05F	17.1	0.15	K1128	87.757	195.576	130.529	5.317	0.22017	2.22143	3 X
K03Q15M	17.3	0.15	K1128	45.214	160.384	223.755	5.926	0.23962	2.25078	3 X

K03Q26O	16.9	0.15	K1128	93.949	11.470	322.418	6.599	0.20768	2.22743	4	X
K03Q26W	16.2	0.15	K1128	359.803	68.754	350.069	19.780	0.31269	2.33361	3	W
K03Q31L	15.5	0.15	K1128	105.900	61.951	311.532	25.777	0.18524	3.10506	5	X
K03Q40J	16.8	0.15	K1128	117.708	322.797	345.575	6.178	0.21636	2.21161	3	X
K03Q48T	15.5	0.15	K1128	188.914	270.056	349.125	9.014	0.25836	3.07712	6	X
K03Q54G	16.8	0.15	K1128	80.349	250.400	115.806	5.826	0.19466	2.20388	6	X
K03QA1X	16.9	0.15	K1128	122.056	192.469	112.572	7.909	0.15985	2.22364	6	X
K03QA2N	15.3	0.15	K1128	112.041	55.429	314.855	3.807	0.19087	3.08518	5	X
K03QA5J	16.6	0.15	K1128	85.691	231.136	105.980	7.112	0.18835	2.25399	5	X
K03QA5U	16.8	0.15	K1128	56.531	203.967	175.914	10.135	0.16164	2.24808	4	X
K03R01O	16.6	0.15	K1128	114.418	228.854	70.933	8.661	0.15857	2.22538	4	X
K03R13Z	16.9	0.15	K1128	23.562	97.909	270.771	9.997	0.23521	2.32384	3	W
K03S18G	18.8	0.15	K1128	59.442	140.498	213.257	3.164	0.26695	2.25921	2	X
K03S26R	17.9	0.15	K1128	85.987	339.252	5.255	1.786	0.18241	2.23439	5	X
K03S35U	16.8	0.15	K1128	97.465	11.913	320.085	5.317	0.20897	2.22829	5	X
K03S41Z	16.1	0.15	K1128	331.726	69.615	12.339	24.821	0.23758	2.35775	4	W
K03S49A	15.0	0.15	K1128	117.882	71.120	317.433	9.044	0.02693	3.04427	5	X
K03S55C	17.3	0.15	K1128	72.781	92.468	281.365	3.343	0.21561	2.22265	3	X
K03S65U	16.9	0.15	K1128	106.836	171.870	144.230	5.199	0.19493	2.23608	7	X
K03S68S	17.0	0.15	K1128	77.449	147.453	198.186	6.033	0.13602	2.24298	3	X
K03S88H	15.8	0.15	K1128	83.968	22.047	9.358	2.391	0.21948	3.22642	5	X
K03S92O	18.4	0.15	K1128	31.714	170.562	206.576	2.359	0.23251	2.30646	3	X
K03SB5Z	17.7	0.15	K1128	71.689	110.868	241.779	4.133	0.19656	2.25045	2	X
K03SB7S	15.1	0.15	K1128	113.396	89.133	262.415	7.598	0.11742	3.22268	3	X
K03SC1Z	17.8	0.15	K1128	28.483	196.724	201.337	4.904	0.33860	2.28041	2	X
K03SD8U	14.2	0.15	K1128	62.160	79.317	301.686	7.512	0.13007	3.40789	4	X
K03SE6U	16.8	0.15	K1128	95.273	92.015	244.503	4.294	0.16773	2.25034	5	X
K03SF4D	17.0	0.15	K1128	58.973	282.359	88.871	7.606	0.08892	2.24112	4	X
K03SG9S	17.2	0.15	K1128	67.104	191.643	164.638	4.417	0.13680	2.25982	6	X
K03SH3R	15.4	0.15	K1128	173.407	51.481	250.886	4.347	0.12582	3.13133	6	X
K03SH7N	17.6	0.15	K1128	37.321	248.265	147.883	3.391	0.18974	2.26587	3	X
K03SI9X	17.5	0.15	K1128	100.939	295.309	42.814	4.538	0.21832	2.20402	6	X
K03SJ2E	16.7	0.15	K1128	168.162	5.869	293.851	4.401	0.30734	2.15219	5	X
K03SJ8Y	16.7	0.15	K1128	136.451	56.085	266.828	6.167	0.14151	2.19965	5	X
K03SK3Z	18.0	0.15	K1128	65.275	176.718	183.355	0.470	0.23214	2.25784	2	X
K03SK9Y	17.1	0.15	K1128	110.872	87.281	251.551	4.876	0.21043	2.21517	5	X
K03SM0L	17.1	0.15	K1128	66.184	337.332	33.293	6.261	0.18501	2.27378	2	S
K03SM1Z	16.8	0.15	K1128	95.087	159.690	203.479	3.780	0.20579	2.20351	7	X
K03SN3E	17.1	0.15	K1128	105.049	251.215	70.542	3.899	0.20641	2.23379	6	X
K03SO4B	17.8	0.15	K1128	20.359	230.130	184.947	2.857	0.18452	2.28819	3	X
K03SP0T	17.0	0.15	K1128	49.762	1.173	36.603	6.645	0.24484	2.26681	6	X
K03SP5V	16.9	0.15	K1128	70.271	150.706	202.321	6.137	0.20474	2.27376	4	X
K03SP8W	16.6	0.15	K1128	24.254	56.345	302.903	10.374	0.26115	2.36489	3	W
K03SQ4N	17.6	0.15	K1128	71.248	285.419	75.587	3.779	0.14388	2.24565	3	X
K03SS1J	15.7	0.15	K1128	163.328	63.340	247.598	8.268	0.08684	3.12304	5	X
K03ST0D	17.1	0.15	K1128	125.908	213.825	84.597	6.686	0.17717	2.23263	7	X
K03SW2R	17.2	0.15	K1128	58.004	289.183	90.105	3.591	0.17809	2.24547	3	X
K03SX3U	15.4	0.15	K1128	103.476	180.874	136.817	6.411	0.04868	3.46343	5	X
K03Sa2G	18.2	0.15	K1128	27.370	45.993	17.324	4.107	0.15320	2.26308	3	X
K03Sa5W	17.3	0.15	K1128	225.110	344.884	220.797	4.300	0.03386	2.22922	4	X
K03Se1K	15.0	0.15	K1128	260.366	121.949	110.154	12.574	0.06867	3.20526	8	X
K03T13M	16.7	0.15	K1128	100.399	276.271	42.427	9.252	0.27162	2.25837	4	X
K03T17O	17.8	0.15	K1128	50.748	69.045	317.045	4.982	0.17099	2.26593	2	S
K03T19X	17.7	0.15	K1128	122.836	80.701	276.654	0.293	0.22145	2.16640	4	X
K03T34C	15.2	0.15	K1128	226.437	341.313	267.033	9.293	0.07689	3.21707	6	X
K03T38P	16.6	0.15	K1128	82.913	88.854	319.287	8.018	0.06849	3.16549	5	X
K03T55T	15.5	0.15	K1128	321.574	97.806	67.466	9.825	0.03354	3.18251	4	X
K03U04D	16.6	0.15	K1128	2.672	222.433	237.631	22.112	0.27070	2.27665	2	X
K03U15P	16.9	0.15	K1128	80.487	323.574	31.779	6.387	0.17934	2.26801	6	X
K03U36M	16.9	0.15	K1128	38.392	348.745	347.032	13.811	0.25646	2.36306	3	W
K03U62W	17.2	0.15	K1128	50.804	313.649	95.833	6.213	0.17221	2.22905	4	X
K03U65B	14.8	0.15	K1128	142.398	250.394	121.104	10.690	0.10204	3.06083	6	X
K03U66C	16.5	0.15	K1128	60.365	314.471	50.386	23.731	0.18363	2.27623	3	X
K03U78V	17.3	0.15	K1128	318.102	242.746	279.844	4.832	0.08579	2.19465	4	X
K03U98N	16.6	0.15	K1128	115.237	238.058	96.547	7.417	0.15535	2.24162	7	X
K03UA1X	17.0	0.15	K1128	19.103	216.327	215.764	22.722	0.18757	2.27569	4	X
K03UA3F	17.0	0.15	K1128	24.241	332.773	64.989	3.927	0.25304	2.30702	3	X
K03UB4Y	17.8	0.15	K1128	65.135	133.051	226.534	0.197	0.20766	2.28408	4	X
K03UC7Z	17.2	0.15	K1128	34.292	123.903	288.893	4.745	0.18145	2.27100	5	X
K03UD0D	16.7	0.15	K1128	30.334	90.361	304.560	4.144	0.23008	2.31298	3	X
K03UF3F	16.8	0.15	K1128	55.474	348.543	41.149	12.546	0.08192	2.26941	5	X
K03UF6K	17.4	0.15	K1128	72.742	271.453	82.528	3.427	0.18683	2.26334	2	X
K03UG5D	17.0	0.15	K1128	111.497	189.790	113.654	4.446	0.23330	2.26964	5	X
K03UG7W	17.1	0.15	K1128	28.931	98.100	318.711	6.103	0.13241	2.27947	5	X
K03UG8J	17.1	0.15	K1128	93.882	118.187	245.996	3.659	0.20033	2.22245	5	X
K03UG8T	17.3	0.15	K1128	39.268	131.022	270.055	1.611	0.20578	2.28607	3	X
K03UH2R	15.3	0.15	K1128	231.230	152.548	170.082	10.361	0.06422	2.93686	6	X
K03UH5W	15.8	0.15	K1128	130.013	254.671	88.577	2.522	0.17115	3.17180	4	X
K03UI5E	17.9	0.15	K1128	26.361	334.932	51.612	6.527	0.24840	2.32334	2	X
K03UI6A	17.1	0.15	K1128	54.513	163.979	255.932	5.241	0.06859	2.21001	4	X
K03UJ2T	16.1	0.15	K1128	294.136	106.752	44.078	25.553	0.17149	2.31813	4	X
K03UK6A	17.7	0.15	K1128	18.854	186.438	230.729	4.538	0.28001	2.30641	3	X
K03UM7D	17.6	0.15	K1128	98.670	43.000	304.488	2.930	0.19654	2.23585	5	X
K03UN4H	17.2	0.15	K1128	101.660	109.391	244.755	4.745	0.22898	2.23049	3	X
K03UN8A	16.9	0.15	K1128	19.990	358.941	71.000	5.701	0.17485	2.28694	4	X
K03UO8V	17.2	0.15	K1128	19.810	2.775	71.982	6.532	0.10581	2.24897	2	X

K03UP0X	17.1	0.15	K1128	48.586	103.097	307.397	2.458	0.12197	2.25842	4	X
K03UP7U	17.8	0.15	K1128	44.291	303.099	64.443	8.127	0.28116	2.31392	2	X
K03UR9P	17.0	0.15	K1128	7.816	238.492	156.018	6.639	0.10801	2.33682	4	X
K03US0H	16.4	0.15	K1128	328.476	271.628	217.600	21.930	0.21554	2.31850	3	X
K03US0K	16.9	0.15	K1128	66.919	287.752	96.556	7.059	0.19035	2.26410	4	X
K03US2W	17.2	0.15	K1128	93.487	246.845	124.422	7.365	0.12936	2.23678	4	X
K03UV5Y	18.2	0.15	K1128	84.934	262.359	115.708	5.168	0.15401	2.21448	4	X
K03UV6M	17.6	0.15	K1128	45.282	211.252	164.525	1.734	0.24176	2.31293	4	X
K03UV7B	17.9	0.15	K1128	94.094	19.217	331.035	3.191	0.08641	2.21209	4	X
K03Ua9O	17.0	0.15	K1128	182.243	358.914	266.399	5.781	0.08527	2.24082	2	S
K03V05L	14.6	0.15	K1128	228.850	251.531	50.911	12.769	0.16671	3.02512	5	X
K03V08A	17.0	0.15	K1128	77.477	300.116	63.203	7.839	0.13298	2.29396	6	X
K03V09S	17.2	0.15	K1128	77.013	320.833	34.589	6.560	0.18682	2.27895	6	X
K03V11M	16.8	0.15	K1128	24.077	23.744	64.512	8.071	0.17306	2.26410	4	X
K03W02M	18.0	0.15	K1128	83.863	299.414	45.170	6.829	0.21768	2.27634	3	X
K03W03C	17.3	0.15	K1128	6.918	200.563	234.133	23.473	0.16219	2.29631	2	X
K03W06P	17.0	0.15	K1128	119.908	83.565	245.494	6.548	0.19283	2.23716	5	X
K03W41Y	16.6	0.15	K1128	105.655	66.198	292.146	4.823	0.22268	2.22856	5	X
K03W45F	16.9	0.15	K1128	135.560	74.392	253.059	3.938	0.21866	2.21913	5	X
K03W59S	18.0	0.15	K1128	31.354	277.191	99.854	2.055	0.19096	2.34249	2	X
K03W60J	17.3	0.15	K1128	356.066	1.735	99.308	1.698	0.14114	2.29309	5	X
K03W64S	17.5	0.15	K1128	26.430	185.554	231.355	2.632	0.12317	2.30570	4	X
K03W65K	16.9	0.15	K1128	93.425	272.624	74.254	4.772	0.16807	2.27480	4	X
K03W76S	18.3	0.15	K1128	359.755	148.001	311.361	5.103	0.10622	2.27384	4	X
K03W79H	16.8	0.15	K1128	25.123	182.998	253.316	6.931	0.04319	2.26542	7	X
K03W87V	16.8	0.15	K1128	334.527	39.074	103.767	4.594	0.39201	2.36094	3	X
K03WA0D	17.2	0.15	K1128	47.613	356.103	54.060	8.318	0.22698	2.27272	5	X
K03WA3H	16.5	0.15	K1128	75.082	150.085	240.560	5.465	0.12346	2.25401	4	X
K03WB4S	16.9	0.15	K1128	63.459	22.913	338.732	1.886	0.23496	2.30043	4	X
K03WB6X	16.4	0.15	K1128	94.428	62.048	294.040	5.651	0.16086	2.26845	6	X
K03WD5L	17.4	0.15	K1128	46.241	305.620	80.562	3.500	0.23053	2.30608	3	X
K03WD6E	17.4	0.15	K1128	75.623	133.408	252.332	2.954	0.15361	2.25977	6	X
K03WE4Z	18.1	0.15	K1128	49.474	206.321	189.032	0.793	0.22190	2.27887	4	X
K03WE7G	16.7	0.15	K1128	40.997	337.420	72.780	9.380	0.11620	2.29682	6	X
K03WE9Y	17.8	0.15	K1128	6.478	305.584	130.150	3.561	0.20122	2.31782	5	X
K03WF4V	17.5	0.15	K1128	79.701	282.882	109.546	5.787	0.20278	2.22870	5	X
K03WG1U	17.0	0.15	K1128	21.123	293.687	114.462	6.516	0.23858	2.32415	3	X
K03WG5G	18.3	0.15	K1128	20.794	204.789	187.252	0.753	0.16990	2.35876	2	X
K03WH2M	17.3	0.15	K1128	6.739	301.319	138.986	6.371	0.20681	2.32740	3	X
K03WH2P	17.6	0.15	K1128	21.223	335.625	72.754	4.607	0.14800	2.33312	3	X
K03WJ2C	17.6	0.15	K1128	82.927	42.165	312.577	4.904	0.16017	2.27009	4	X
K03WJ3Y	18.0	0.15	K1128	351.171	229.729	253.409	4.972	0.08239	2.26219	5	X
K03X02Z	16.9	0.15	K1128	13.319	306.026	118.571	5.142	0.22416	2.32492	3	X
K03X30Z	18.0	0.15	K1128	71.085	102.896	246.326	4.502	0.26568	2.30024	3	X
K03Y07F	17.2	0.15	K1128	18.073	158.042	281.688	2.319	0.13499	2.32967	4	X
K03Y19M	16.6	0.15	K1128	221.892	131.506	83.694	7.646	0.04347	2.34235	2	S
K03Y23J	17.4	0.15	K1128	8.090	338.498	135.788	2.559	0.30793	2.28286	4	X
K03Y27L	16.3	0.15	K1128	40.399	281.487	89.985	6.843	0.24659	2.35325	5	X
K03Y36U	17.9	0.15	K1128	9.402	11.662	70.656	3.408	0.14362	2.35044	2	X
K03Y40C	17.3	0.15	K1128	293.929	224.042	303.717	6.279	0.07901	2.36159	5	X
K03Y44R	17.4	0.15	K1128	50.595	143.340	301.383	3.286	0.14386	2.26539	5	X
K03Y44V	16.8	0.15	K1128	8.467	179.112	281.672	6.845	0.18317	2.32242	4	X
K03Y48N	17.2	0.15	K1128	44.397	341.363	76.573	2.672	0.19908	2.28052	5	X
K03Y53A	17.5	0.15	K1128	71.734	135.335	246.802	5.107	0.14851	2.26852	4	X
K03Y54W	17.6	0.15	K1128	351.497	22.401	80.368	2.932	0.16198	2.31895	3	X
K03Y59A	17.1	0.15	K1128	36.486	290.027	100.786	3.330	0.22002	2.33129	4	X
K03Y64P	13.9	0.15	K1128	293.989	37.321	116.525	11.117	0.16096	3.94507	3	X
K03Y69Q	17.5	0.15	K1128	359.534	356.273	89.223	7.038	0.07144	2.30353	3	X
K03Y69R	17.6	0.15	K1128	342.247	259.758	200.058	3.778	0.14595	2.32408	6	X
K03Y72S	17.5	0.15	K1128	28.802	57.029	15.323	1.815	0.17633	2.29420	5	X
K03Y82N	16.9	0.15	K1128	13.254	8.057	73.434	7.300	0.12522	2.32339	5	X
K03Y87E	16.2	0.15	K1128	323.591	28.616	113.212	9.864	0.21866	2.34468	4	X
K03YA7L	16.7	0.15	K1128	2.796	207.887	262.489	5.635	0.14063	2.31354	4	X
K03YB3K	17.4	0.15	K1128	3.065	332.581	116.244	9.871	0.17448	2.35080	2	X
K03YB4P	17.7	0.15	K1128	359.745	247.395	230.843	1.568	0.17182	2.31245	6	X
K03YC3T	17.6	0.15	K1128	339.576	11.614	92.904	3.246	0.15357	2.33981	3	X
K03YG6T	16.3	0.15	K1128	192.962	123.905	115.582	6.714	0.16073	2.43477	6	X
K03YG8P	16.9	0.15	K1128	43.889	117.088	291.905	4.868	0.14847	2.30542	4	X
K04A04Z	16.6	0.15	K1128	309.789	15.923	123.857	6.608	0.05906	2.39375	5	X
K04A09J	16.9	0.15	K1128	311.429	2.388	147.731	5.036	0.16001	2.35624	5	X
K04B11L	19.3	0.15	K1128	90.286	176.877	142.487	9.808	0.74993	1.25999	7	W
K04B12V	17.4	0.15	K1128	20.061	167.166	308.189	2.394	0.10246	2.28812	6	X
K04B13Y	16.4	0.15	K1128	89.101	77.139	308.428	21.560	0.21994	2.28759	3	X
K04B17V	16.7	0.15	K1128	297.196	146.607	23.602	10.855	0.14217	2.36848	4	X
K04B23B	17.6	0.15	K1128	349.202	6.451	126.203	4.803	0.19879	2.33001	3	X
K04B25U	17.0	0.15	K1128	26.709	340.397	129.151	5.837	0.10141	2.28744	5	X
K04B27A	16.2	0.15	K1128	52.369	302.926	130.338	23.062	0.27417	2.27266	4	W
K04B29L	17.3	0.15	K1128	11.532	107.371	19.691	2.018	0.15646	2.29771	5	X
K04B29Z	16.8	0.15	K1128	237.229	248.633	327.669	5.983	0.08664	2.42720	5	X
K04B34C	17.9	0.15	K1128	307.739	37.014	98.396	2.316	0.12741	2.41432	3	X
K04B36S	16.6	0.15	K1128	235.955	129.614	117.448	7.097	0.07721	2.33964	5	X
K04B36Y	17.0	0.15	K1128	227.436	224.012	9.873	1.514	0.08854	2.39326	6	X
K04B38W	17.2	0.15	K1128	321.456	31.926	106.567	7.363	0.21992	2.36993	3	X
K04B40B	17.4	0.15	K1128	343.566	237.522	265.781	1.967	0.16648	2.31388	5	X
K04B40V	17.5	0.15	K1128	33.877	324.948	128.717	2.607	0.16145	2.29839	6	X
K04B47O	16.5	0.15	K1128	330.774	355.125	115.247	7.806	0.06952	2.39346	5	X

K04B49U	17.4	0.15	K1128	270.181	13.004	154.654	1.493	0.12398	2.43811	4	X
K04B52B	17.2	0.15	K1128	347.306	214.162	300.563	2.262	0.10022	2.30099	6	X
K04B53U	17.1	0.15	K1128	67.123	270.487	114.586	5.792	0.16315	2.33751	5	X
K04B69X	16.9	0.15	K1128	0.845	183.603	279.153	4.058	0.18358	2.35390	5	X
K04B70G	16.8	0.15	K1128	322.760	61.756	98.667	5.728	0.19384	2.33918	4	X
K04B73O	16.7	0.15	K1128	359.706	207.916	293.163	3.642	0.15072	2.29734	5	X
K04B96M	17.0	0.15	K1128	317.970	212.168	294.699	6.567	0.15159	2.37295	3	X
K04B99Z	17.7	0.15	K1128	2.558	356.034	112.423	5.718	0.06542	2.40796	4	X
K04BA0Z	17.8	0.15	K1128	334.736	333.567	131.549	1.953	0.14093	2.40857	4	X
K04BA6O	16.6	0.15	K1128	27.485	153.640	280.449	5.559	0.07493	2.35546	6	X
K04BF4O	18.3	0.15	K1128	332.704	357.038	125.221	3.060	0.16074	2.37684	5	X
K04C03V	16.7	0.15	K1128	345.749	158.402	313.082	6.444	0.06529	2.38843	6	X
K04C18O	16.7	0.15	K1128	241.952	137.031	108.120	6.133	0.21085	2.39457	6	X
K04C44O	17.4	0.15	K1128	333.496	10.961	100.407	4.445	0.13325	2.38928	3	X
K04C68C	16.7	0.15	K1128	20.729	111.699	22.699	5.029	0.11691	2.27717	4	X
K04C80V	16.9	0.15	K1128	232.682	115.255	130.931	4.340	0.13345	2.40256	6	X
K04CA3G	14.6	0.15	K1128	104.189	17.561	302.818	11.593	0.22550	2.53959	7	X
K04CB6K	17.6	0.15	K1128	0.944	350.745	84.800	2.328	0.15856	2.40536	3	X
K04CC5U	17.4	0.15	K1128	275.036	0.415	165.695	6.641	0.05195	2.45937	6	X
K04D03D	15.4	0.15	K1128	34.110	1.249	337.152	18.806	0.25563	2.66433	3	W
K04D15O	16.8	0.15	K1128	78.279	287.296	129.803	3.386	0.13443	2.30182	5	X
K04D25Z	17.3	0.15	K1128	272.479	215.273	357.282	1.537	0.18322	2.37937	5	X
K04D27H	16.9	0.15	K1128	228.147	216.966	14.115	4.427	0.15606	2.45785	6	X
K04D39F	17.3	0.15	K1128	242.219	104.401	126.829	2.013	0.12990	2.41357	7	X
K04D47J	17.2	0.15	K1128	283.592	37.758	167.823	1.646	0.12912	2.37435	4	X
K04D52B	17.5	0.15	K1128	342.892	133.521	350.769	4.450	0.23597	2.38459	3	X
K04D59F	16.9	0.15	K1128	11.796	2.362	120.144	2.936	0.17417	2.33307	5	X
K04D65Y	17.4	0.15	K1128	11.884	11.709	113.796	1.863	0.15931	2.32755	3	X
K04E12C	16.3	0.15	K1128	5.766	27.842	156.008	7.033	0.10584	2.24357	6	X
K04E13W	17.1	0.15	K1128	306.109	81.673	95.909	3.802	0.11349	2.39989	5	X
K04E16T	17.2	0.15	K1128	346.474	47.060	90.222	4.527	0.21100	2.37499	5	X
K04E20F	16.1	0.15	K1128	86.035	159.520	184.941	3.598	0.09348	2.52230	7	X
K04E21Q	18.3	0.15	K1128	11.655	110.069	17.349	1.458	0.13528	2.34007	6	X
K04E33E	16.2	0.15	K1128	325.898	220.807	299.184	11.264	0.13938	2.40593	6	X
K04E38Y	16.2	0.15	K1128	298.607	97.229	124.600	6.157	0.16017	2.37530	6	X
K04E40W	16.5	0.15	K1128	339.587	190.228	340.503	2.287	0.15192	2.33348	5	X
K04E41H	16.5	0.15	K1128	343.174	9.512	101.476	12.861	0.15742	2.42074	5	X
K04E50P	17.3	0.15	K1128	254.704	170.647	43.212	1.756	0.13113	2.44452	5	X
K04E55R	14.9	0.15	K1128	104.730	284.848	41.444	9.330	0.17896	2.53473	6	X
K04E69R	17.8	0.15	K1128	341.078	19.851	145.751	1.615	0.12235	2.34049	5	X
K04E84E	14.7	0.15	K1128	51.866	216.606	182.101	13.761	0.18173	2.53338	7	X
K04E98S	17.5	0.15	K1128	316.454	134.907	6.663	7.553	0.05162	2.44922	3	X
K04F00X	17.5	0.15	K1128	348.385	203.867	305.832	4.046	0.21083	2.33362	4	X
K04F24E	16.8	0.15	K1128	0.794	268.497	185.195	11.482	0.21096	2.42188	6	X
K04F32J	16.4	0.15	K1128	337.648	73.581	83.632	22.273	0.26147	2.37267	3	X
K04F41P	16.5	0.15	K1128	279.256	116.331	120.086	3.217	0.17000	2.38438	6	X
K04F54G	17.9	0.15	K1128	331.512	306.716	207.601	1.897	0.16945	2.37367	5	X
K04F54R	16.8	0.15	K1128	230.217	149.013	72.820	6.745	0.06027	2.51704	4	X
K04F61Z	17.4	0.15	K1128	353.449	332.379	152.993	2.604	0.18236	2.38711	5	X
K04F92F	16.6	0.15	K1128	328.654	74.719	83.606	12.060	0.21822	2.36655	5	X
K04FA6B	17.0	0.15	K1128	20.438	326.141	120.688	6.939	0.07293	2.41629	5	X
K04FC1C	16.3	0.15	K1128	266.903	93.589	129.902	9.946	0.08400	2.43364	6	X
K04FC3X	16.1	0.15	K1128	190.331	139.717	108.570	13.166	0.15203	2.57424	7	X
K04G01N	15.8	0.15	K1128	190.559	149.832	97.543	15.036	0.21772	2.63980	3	X
K04G15G	15.6	0.15	K1128	167.523	147.958	110.466	18.388	0.17651	2.63717	6	X
K04G25G	17.3	0.15	K1128	249.967	134.111	56.994	22.839	0.04277	1.86515	4	X
K04G28L	15.6	0.15	K1128	77.077	254.319	104.995	21.905	0.04616	2.57910	7	X
K04G35Z	16.3	0.15	K1128	20.414	261.427	217.688	20.709	0.25982	2.34840	5	W
K04G36X	15.9	0.15	K1128	269.145	240.923	292.282	12.117	0.11827	2.55875	6	X
K04G60J	16.6	0.15	K1128	197.172	169.387	59.414	4.273	0.13909	2.62782	5	X
K04G78S	16.9	0.15	K1128	326.477	206.264	339.305	0.852	0.12810	2.36373	6	X
K04G82B	16.5	0.15	K1128	356.889	192.679	302.465	4.615	0.17134	2.39892	6	X
K04H09P	16.2	0.15	K1128	261.537	164.057	29.935	10.976	0.05540	2.54353	4	X
K04H20T	17.0	0.15	K1128	318.802	25.636	147.536	2.748	0.15348	2.42849	6	X
K04H24J	16.8	0.15	K1128	353.502	18.829	73.528	24.804	0.05799	1.88812	3	X
K04H28C	16.4	0.15	K1128	189.838	178.019	55.206	12.831	0.13802	2.66849	5	X
K04H33V	16.7	0.15	K1128	324.467	55.245	127.763	5.205	0.13330	2.40569	3	X
K04H71M	16.4	0.15	K1128	102.162	88.603	217.211	11.539	0.17058	2.72865	4	X
K04J06Q	15.7	0.15	K1128	77.732	286.366	31.595	13.878	0.46384	2.95900	3	X
K04J11V	15.8	0.15	K1128	280.812	48.994	121.540	19.872	0.13076	2.55317	5	X
K04J34E	15.8	0.15	K1128	212.792	149.287	76.875	14.691	0.20503	2.64077	4	X
K04J36D	16.4	0.15	K1128	183.096	35.098	217.120	13.201	0.21086	2.67687	3	X
K04J44N	16.0	0.15	K1128	225.633	352.755	214.738	12.326	0.17574	2.61876	3	X
K04J45L	15.9	0.15	K1128	122.875	212.812	82.737	14.939	0.18500	2.78086	5	X
K04J45Q	16.0	0.15	K1128	240.142	136.255	95.869	13.861	0.14628	2.56677	4	X
K04K00H	15.9	0.15	K1128	143.892	59.974	220.544	12.248	0.12617	2.73781	5	X
K04K18Y	12.9	0.15	K1128	29.921	263.038	149.297	15.980	0.09364	5.31869	3	X
K04N01U	15.7	0.15	K1128	148.060	37.106	304.654	11.291	0.18706	2.71140	3	X
K04N06V	15.1	0.15	K1128	150.812	206.975	127.766	10.674	0.22353	2.78602	7	X
K04N14J	16.2	0.15	K1128	176.639	177.850	144.102	5.030	0.10600	2.62395	6	X
K04N15G	16.3	0.15	K1128	140.552	213.231	130.681	15.172	0.16721	2.70558	6	X
K04N31J	15.2	0.15	K1128	41.532	259.816	114.888	12.136	0.27263	3.06283	7	X
K04N33S	14.8	0.15	K1128	45.407	290.757	67.170	21.187	0.25499	3.16457	3	X
K04O11D	15.6	0.15	K1128	193.229	182.134	125.173	34.071	0.16674	2.64467	4	X
K04P05L	15.8	0.15	K1128	185.522	3.864	296.715	13.849	0.09694	2.68584	4	X
K04P10Y	16.2	0.15	K1128	74.613	191.077	146.553	5.581	0.22300	2.99933	4	X

K04P36J	15.5	0.15	K1128	102.455	91.945	259.304	4.743	0.13808	2.89130	6	X
K04P43X	15.1	0.15	K1128	40.415	266.466	137.537	11.249	0.10820	2.96080	4	X
K04P49D	16.1	0.15	K1128	45.933	247.930	128.223	17.203	0.29493	3.05571	3	X
K04P49F	15.6	0.15	K1128	38.574	252.419	121.879	14.667	0.23822	3.07513	3	X
K04P52E	15.9	0.15	K1128	114.404	245.358	126.024	10.944	0.15347	2.77948	4	X
K04P57X	16.3	0.15	K1128	107.459	125.658	170.231	5.996	0.22111	2.99516	6	X
K04P62U	16.3	0.15	K1128	20.486	35.412	342.898	7.621	0.33404	3.19418	2	X
K04P63X	16.1	0.15	K1128	148.559	93.719	233.269	4.999	0.03740	2.74934	7	X
K04P65N	15.5	0.15	K1128	60.493	175.750	170.301	16.144	0.32143	3.13040	5	X
K04P76G	16.6	0.15	K1128	245.464	140.832	131.016	3.930	0.18826	2.56310	5	X
K04P79Y	15.9	0.15	K1128	57.781	25.966	351.874	7.569	0.11699	2.94009	5	X
K04P95T	15.6	0.15	K1128	107.787	222.457	68.018	9.776	0.25750	3.00413	6	X
K04PA2E	15.6	0.15	K1128	41.362	208.889	167.632	12.490	0.18163	3.05804	2	X
K04PA5N	14.9	0.15	K1128	49.291	71.423	274.844	14.129	0.12227	3.12763	4	X
K04PB4N	15.6	0.15	K1128	42.813	359.164	14.621	18.282	0.16080	3.10017	4	X
K04Q00H	15.1	0.15	K1128	55.730	114.343	236.125	9.354	0.29245	3.14704	4	X
K04Q13D	15.8	0.15	K1128	25.902	263.149	133.022	16.843	0.24587	3.13813	3	X
K04Q14H	15.8	0.15	K1128	61.834	117.068	221.993	15.402	0.23768	3.12063	2	X
K04Q20Q	17.1	0.15	K1128	184.531	160.728	134.627	5.384	0.09016	2.72281	7	X
K04Q24M	14.5	0.15	K1128	44.788	123.057	254.871	25.542	0.21045	3.18438	3	X
K04Q27A	14.8	0.15	K1128	15.746	312.356	123.801	17.855	0.06520	2.93218	7	X
K04Q27Q	15.4	0.15	K1128	61.312	222.214	139.250	16.537	0.18005	3.09401	4	X
K04R05K	15.4	0.15	K1128	39.708	269.410	109.656	7.932	0.23200	3.14484	6	X
K04R06J	15.2	0.15	K1128	46.735	291.286	69.200	14.414	0.31168	3.16295	3	X
K04R07G	15.0	0.15	K1128	58.249	207.145	144.456	18.392	0.21015	3.12164	3	X
K04R20F	16.1	0.15	K1128	42.943	251.163	118.474	14.619	0.30377	3.15717	4	X
K04R26A	15.8	0.15	K1128	8.074	257.765	157.222	9.097	0.21378	3.17107	6	X
K04R33S	15.5	0.15	K1128	61.356	219.302	142.454	13.157	0.16698	3.05322	6	X
K04R36Y	15.8	0.15	K1128	18.790	236.028	165.544	12.913	0.16538	3.11265	4	X
K04R48K	16.0	0.15	K1128	80.806	187.398	148.977	6.242	0.17369	3.05309	5	X
K04R50S	16.2	0.15	K1128	43.034	272.533	91.910	2.831	0.23056	3.15800	4	X
K04R54K	16.0	0.15	K1128	38.548	282.897	115.713	3.882	0.28978	3.10336	5	X
K04R55M	15.8	0.15	K1128	104.406	137.254	187.576	10.709	0.07540	2.98900	5	X
K04R62O	15.6	0.15	K1128	86.869	162.148	177.754	16.719	0.11528	3.03520	6	X
K04R66Z	15.7	0.15	K1128	57.729	184.197	170.235	14.369	0.21321	3.13757	3	X
K04R69R	15.3	0.15	K1128	44.280	217.102	153.754	10.944	0.10912	3.10884	4	X
K04R91D	15.9	0.15	K1128	59.113	115.958	235.200	8.394	0.24263	3.08110	5	X
K04R97N	15.9	0.15	K1128	65.921	148.730	215.985	3.099	0.07055	3.00683	6	X
K04RA0M	15.5	0.15	K1128	42.582	200.974	177.400	17.550	0.23704	3.11906	5	X
K04RA8B	16.2	0.15	K1128	30.171	184.056	205.670	7.424	0.15766	3.11496	2	X
K04RB3Y	15.1	0.15	K1128	72.082	69.263	264.576	14.846	0.23679	3.11417	2	X
K04RB8Z	16.2	0.15	K1128	73.248	158.558	206.549	4.889	0.21462	3.02364	6	X
K04RC3B	15.5	0.15	K1128	349.214	298.589	143.230	6.764	0.10253	3.04412	6	X
K04RC8H	16.5	0.15	K1128	208.561	97.221	178.247	4.738	0.13167	2.73614	5	X
K04RE1X	15.9	0.15	K1128	18.419	241.157	164.594	8.259	0.20502	3.13679	4	X
K04RE2J	16.0	0.15	K1128	103.854	81.996	247.722	2.128	0.10750	2.98891	2	X
K04RE4N	15.3	0.15	K1128	18.451	164.254	248.071	9.610	0.21170	3.15617	3	X
K04RE8D	15.9	0.15	K1128	119.211	244.453	128.706	6.705	0.05062	2.79085	6	X
K04RF4P	15.4	0.15	K1128	66.380	180.073	196.776	13.264	0.07548	2.98790	6	X
K04RF6D	15.9	0.15	K1128	79.438	128.496	200.208	9.708	0.17728	3.09760	5	X
K04RF8J	15.4	0.15	K1128	19.753	211.285	196.762	11.983	0.13268	3.09585	6	X
K04RF9S	15.4	0.15	K1128	208.907	346.926	311.431	11.057	0.12096	2.71815	7	X
K04RG7P	15.2	0.15	K1128	199.640	19.992	263.106	8.336	0.08991	2.79944	6	X
K04RG7V	15.3	0.15	K1128	52.350	259.351	87.414	19.663	0.17366	3.21089	5	X
K04RH5U	15.3	0.15	K1128	1.324	206.301	183.685	26.200	0.27448	3.28940	3	W
K04RH6M	15.4	0.15	K1128	12.392	217.938	197.044	17.149	0.20380	3.11709	5	X
K04RH6Q	15.9	0.15	K1128	88.574	134.682	200.241	7.986	0.10950	3.01079	5	X
K04RH7V	15.1	0.15	K1128	43.723	180.594	195.253	17.197	0.20656	3.11406	2	X
K04RI0J	15.7	0.15	K1128	177.496	322.172	306.187	7.450	0.20125	2.88351	8	X
K04RI1N	15.5	0.15	K1128	67.190	163.775	187.667	17.786	0.21892	3.08927	4	X
K04RI6F	16.2	0.15	K1128	97.394	144.861	183.485	8.746	0.09267	2.99605	5	X
K04RI6Z	15.4	0.15	K1128	29.500	173.697	223.712	9.808	0.20217	3.14494	3	X
K04RI8C	15.8	0.15	K1128	84.618	103.188	303.432	7.070	0.15764	2.85926	5	X
K04RJ2G	15.8	0.15	K1128	39.423	33.284	349.914	9.345	0.26626	3.16245	3	X
K04RJ4O	15.7	0.15	K1128	92.730	104.909	199.054	10.643	0.28534	3.13216	5	X
K04RJ8L	16.5	0.15	K1128	73.901	113.317	262.059	7.214	0.26183	3.01200	4	X
K04RJ8V	15.6	0.15	K1128	65.839	162.769	178.963	18.571	0.13910	3.12607	4	X
K04RK4H	16.1	0.15	K1128	79.817	95.109	218.926	9.413	0.23804	3.13118	5	X
K04RK8C	14.7	0.15	K1128	94.090	31.233	259.947	15.630	0.19105	3.15463	5	X
K04RL2P	14.6	0.15	K1128	76.027	84.861	213.777	21.127	0.37604	3.15992	4	X
K04RL2Q	14.9	0.15	K1128	58.900	86.209	248.658	17.911	0.10302	3.22163	6	X
K04RL4N	15.8	0.15	K1128	78.300	52.979	284.722	10.033	0.22442	3.08888	4	X
K04RL8O	15.0	0.15	K1128	77.042	102.178	233.549	13.646	0.27986	3.12888	2	S
K04RL9J	15.0	0.15	K1128	87.117	56.004	297.779	13.071	0.06273	3.01925	6	X
K04RM8H	16.5	0.15	K1128	28.956	186.236	206.107	6.634	0.14635	3.21111	2	X
K04RN5J	15.5	0.15	K1128	152.788	60.570	215.385	11.910	0.13823	2.99016	6	X
K04RO8A	15.5	0.15	K1128	58.190	127.186	223.158	21.090	0.28552	3.12715	3	X
K04RP0J	15.9	0.15	K1128	64.355	30.561	336.818	4.555	0.15980	3.06936	4	X
K04RP5A	15.1	0.15	K1128	61.216	282.259	71.269	10.177	0.09358	3.12159	5	X
K04RR2E	16.3	0.15	K1128	78.195	184.412	154.750	4.331	0.06716	3.07060	2	X
K04RR9X	16.8	0.15	K1128	3.745	222.524	192.499	3.655	0.36266	3.26529	3	X
K04RS9H	14.7	0.15	K1128	14.675	157.780	269.573	26.073	0.10446	3.13711	5	X
K04RT0N	16.2	0.15	K1128	58.789	244.174	140.176	9.680	0.30551	3.05301	4	X
K04RT1Z	15.6	0.15	K1128	31.045	217.099	193.740	12.120	0.15155	3.08220	4	X
K04RT6E	17.0	0.15	K1128	124.859	150.558	195.566	1.645	0.07844	2.86557	6	X
K04RV5K	15.1	0.15	K1128	36.485	14.290	25.694	11.854	0.17145	3.14378	6	X

K04RW2E	14.8	0.15	K1128	7.802	228.413	209.384	14.388	0.06015	3.07869	4	X
K04RW7Z	15.8	0.15	K1128	88.735	85.293	217.966	13.235	0.29591	3.13340	2	X
K04RW8C	16.0	0.15	K1128	87.805	87.775	283.329	6.413	0.10706	2.97531	4	X
K04RX6M	15.9	0.15	K1128	344.884	256.312	209.451	9.292	0.18947	3.14295	3	X
K04RX8E	16.3	0.15	K1128	140.744	83.983	193.898	11.503	0.23987	3.06580	4	X
K04RY7E	15.2	0.15	K1128	120.054	96.704	213.658	15.486	0.06449	3.08479	4	X
K04S08S	16.2	0.15	K1128	52.400	244.261	121.488	1.443	0.24344	3.12796	4	X
K04S08Y	15.6	0.15	K1128	28.289	185.468	206.439	5.480	0.16719	3.15389	5	X
K04S11Z	15.0	0.15	K1128	84.741	211.761	125.524	16.990	0.18368	3.06863	6	X
K04S14Q	15.5	0.15	K1128	55.601	244.981	138.123	12.504	0.10295	3.06492	6	X
K04S27T	16.9	0.15	K1128	352.370	302.465	177.423	1.914	0.01900	2.84891	5	X
K04S29P	15.3	0.15	K1128	88.827	341.460	0.433	9.649	0.10527	3.06090	5	X
K04S29S	15.4	0.15	K1128	97.170	333.063	4.310	9.281	0.11375	3.03408	5	X
K04S35D	15.9	0.15	K1128	130.455	87.111	210.806	9.295	0.09416	2.98332	4	X
K04S44M	15.6	0.15	K1128	6.729	221.120	204.519	9.926	0.21116	3.16198	4	X
K04S56R	15.9	0.15	K1128	45.910	200.922	167.777	11.085	0.22961	3.15103	2	X
K04S61B	15.3	0.15	K1128	69.331	273.098	126.555	12.835	0.24025	2.98497	5	X
K04T03T	15.9	0.15	K1128	176.617	242.743	22.059	9.843	0.10883	3.02292	5	X
K04T06K	15.4	0.15	K1128	31.363	297.590	96.292	11.113	0.22235	3.13171	5	X
K04T16P	15.4	0.15	K1128	94.611	66.836	294.408	6.171	0.05600	3.04749	6	X
K04T17Q	15.1	0.15	K1128	38.706	308.386	84.846	7.052	0.21869	3.14078	5	X
K04T17T	15.9	0.15	K1128	87.398	322.716	30.009	9.630	0.08397	3.14713	3	X
K04T20K	15.4	0.15	K1128	81.902	262.868	95.784	27.141	0.22356	3.09678	4	X
K04T28B	16.2	0.15	K1128	172.362	197.700	130.303	1.331	0.07509	2.77563	6	X
K04T31T	15.0	0.15	K1128	84.118	315.029	27.006	13.487	0.17230	3.11887	4	X
K04T37O	16.7	0.15	K1128	56.871	250.767	188.135	1.701	0.03862	2.86796	5	X
K04T51B	15.2	0.15	K1128	328.565	280.576	223.776	20.662	0.21081	3.13472	4	X
K04T55V	15.6	0.15	K1128	359.212	249.035	189.915	4.450	0.13456	3.24026	5	X
K04T56Y	15.7	0.15	K1128	95.568	121.866	203.093	10.267	0.13514	3.10954	5	X
K04T63P	15.8	0.15	K1128	149.965	273.662	16.143	5.248	0.14290	3.03302	5	X
K04T63V	16.1	0.15	K1128	313.457	337.431	194.280	5.542	0.07068	2.91879	5	X
K04T71B	15.7	0.15	K1128	51.561	27.688	359.712	10.325	0.08879	3.10399	6	X
K04T74V	16.0	0.15	K1128	8.027	50.526	35.992	5.184	0.16146	3.15370	5	X
K04T80E	15.9	0.15	K1128	62.112	175.770	205.307	11.514	0.08230	3.05521	3	X
K04T80J	15.9	0.15	K1128	236.271	219.683	354.361	8.727	0.08129	3.00508	4	X
K04T85Z	17.0	0.15	K1128	188.027	106.475	182.568	1.883	0.04156	2.87440	5	X
K04TA1S	15.0	0.15	K1128	350.631	75.768	25.263	9.704	0.18348	3.18810	5	X
K04TA3M	15.1	0.15	K1128	343.022	257.341	208.767	15.652	0.14341	3.15372	5	X
K04TB1V	15.5	0.15	K1128	6.975	239.510	203.976	11.071	0.05793	3.09562	5	X
K04TB2Y	15.4	0.15	K1128	66.547	104.574	259.358	8.475	0.24537	3.14375	2	X
K04TB4R	15.2	0.15	K1128	185.923	237.619	17.291	9.673	0.02312	3.09262	5	X
K04TC4X	16.1	0.15	K1128	22.984	255.424	148.532	8.219	0.27561	3.18482	3	X
K04TC5B	16.2	0.15	K1128	52.873	262.511	128.525	5.529	0.23850	3.06720	4	X
K04TD6E	15.2	0.15	K1128	20.768	181.633	227.451	17.083	0.12899	3.18642	3	X
K04TD9B	15.5	0.15	K1128	131.888	314.753	348.330	10.042	0.10095	3.03332	6	X
K04TD9N	15.7	0.15	K1128	52.601	66.471	321.797	8.284	0.08660	3.08005	4	X
K04TE4A	15.2	0.15	K1128	41.058	179.832	206.276	13.182	0.21690	3.19656	5	X
K04TE7T	15.7	0.15	K1128	140.023	302.646	8.200	11.624	0.00301	3.04389	4	X
K04TE9E	16.4	0.15	K1128	99.405	100.171	211.752	8.980	0.11182	3.18009	4	X
K04TF3G	16.5	0.15	K1128	22.172	39.253	16.851	7.141	0.16150	3.14711	2	X
K04TF5C	16.6	0.15	K1128	101.850	316.394	22.665	10.586	0.07068	3.05404	4	X
K04TH7Q	15.7	0.15	K1128	125.160	111.103	196.161	8.609	0.05613	3.04469	5	X
K04TJ6T	15.8	0.15	K1128	327.310	97.167	27.032	11.046	0.07112	3.10858	4	X
K04TK9G	15.3	0.15	K1128	233.962	8.296	191.962	9.655	0.06018	3.06994	6	X
K04TL1O	15.7	0.15	K1128	307.821	149.628	8.841	5.854	0.21591	3.11410	6	X
K04TL5Y	16.0	0.15	K1128	142.355	107.320	193.017	9.549	0.10199	3.01661	6	X
K04TL9S	15.2	0.15	K1128	176.753	238.166	27.191	11.383	0.17883	3.00978	6	X
K04TN1B	16.2	0.15	K1128	271.044	252.312	310.865	3.234	0.07919	2.99254	6	X
K04TO2X	15.1	0.15	K1128	20.810	304.953	112.472	18.379	0.14778	3.13843	5	X
K04TO3S	15.4	0.15	K1128	120.356	266.551	36.473	16.229	0.25544	3.10119	4	X
K04TP1F	16.2	0.15	K1128	48.117	159.398	210.957	10.047	0.06882	3.17731	4	X
K04TP9G	15.2	0.15	K1128	332.394	99.061	24.049	12.364	0.13302	3.11082	5	X
K04TQ1M	15.8	0.15	K1128	160.219	250.253	34.050	9.131	0.04939	3.06122	6	X
K04TQ5T	15.2	0.15	K1128	36.312	17.280	33.733	14.354	0.02669	3.12073	5	X
K04TQ6C	15.8	0.15	K1128	347.073	71.861	37.487	5.150	0.15429	3.14420	2	X
K04TR9F	15.8	0.15	K1128	6.642	11.336	65.990	6.082	0.12092	3.21456	6	X
K04TT1L	15.5	0.15	K1128	112.613	83.510	201.755	5.973	0.16851	3.20462	4	X
K04TU7R	14.8	0.15	K1128	64.892	116.854	237.365	12.400	0.09077	3.19173	4	X
K04TU8L	15.4	0.15	K1128	69.192	131.514	217.365	15.763	0.16401	3.16012	4	X
K04TU9T	15.1	0.15	K1128	78.784	129.441	241.183	8.641	0.12423	3.08423	5	X
K04TW7H	16.0	0.15	K1128	26.463	127.724	287.934	14.775	0.08275	3.07495	4	X
K04TZ6R	15.0	0.15	K1128	14.396	10.930	61.886	17.654	0.15654	3.13618	3	X
K04TZ7E	15.5	0.15	K1128	36.217	321.997	65.218	15.514	0.19834	3.18208	2	X
K04TZ7K	15.5	0.15	K1128	100.879	246.827	67.409	11.303	0.22924	3.07522	6	X
K04TZ7O	16.2	0.15	K1128	278.077	148.372	25.447	9.837	0.02192	3.12888	5	X
K04Ta7X	16.7	0.15	K1128	4.604	60.870	23.114	5.257	0.16590	3.19182	5	X
K04U00T	15.7	0.15	K1128	24.442	260.088	126.418	9.894	0.32081	3.31168	3	X
K04V10S	15.2	0.15	K1128	82.367	88.146	269.115	14.581	0.26129	3.09278	3	X
K04V17U	15.4	0.15	K1128	44.918	325.403	65.265	6.193	0.17265	3.18139	2	X
K04V17Z	15.4	0.15	K1128	61.745	139.487	226.733	21.937	0.09792	3.20918	2	X
K04V18K	14.6	0.15	K1128	239.026	330.280	228.417	31.883	0.02059	3.21039	5	X
K04V22L	15.6	0.15	K1128	59.746	334.062	53.512	12.169	0.25240	3.16412	4	X
K04V25S	15.0	0.15	K1128	45.338	352.137	37.812	9.185	0.15452	3.21942	5	X
K04V29T	15.6	0.15	K1128	353.339	64.053	61.104	10.850	0.16073	3.09235	5	X
K04V33K	15.3	0.15	K1128	347.917	4.722	84.772	6.507	0.07139	3.25636	6	X
K04V57C	14.9	0.15	K1128	7.944	318.590	113.319	15.671	0.25309	3.20187	5	X

K04V57W	15.4	0.15	K1128	80.939	249.022	117.296	23.391	0.27252	3.09335	4	X
K04V62L	15.6	0.15	K1128	77.963	267.809	134.679	12.153	0.16374	3.01578	5	X
K04V64B	14.9	0.15	K1128	4.294	5.533	103.311	12.341	0.11235	3.08144	7	X
K04W03O	14.9	0.15	K1128	28.856	345.204	64.700	9.354	0.02710	3.24761	3	X
K04X28Z	17.3	0.15	K1128	174.654	68.325	182.565	2.329	0.09667	2.21807	5	X
K04X40U	14.5	0.15	K1128	137.823	57.461	276.257	20.926	0.13030	3.08248	5	X
K04XA9N	15.2	0.15	K1128	48.314	150.612	264.182	7.950	0.07204	3.08967	4	X
K04XB1B	14.8	0.15	K1128	89.330	96.110	271.066	15.459	0.12110	3.12943	4	X
K04XB3J	16.0	0.15	K1128	225.354	338.601	268.078	7.914	0.04992	3.16802	5	X
K04XB7S	15.4	0.15	K1128	46.190	162.805	283.283	12.439	0.04616	3.13380	6	X
K04XD0H	14.8	0.15	K1128	38.112	144.253	310.973	16.242	0.18230	3.16692	4	X
K04XD7S	14.8	0.15	K1128	13.547	178.179	305.180	9.516	0.08508	3.15320	7	X
K05A07Q	15.1	0.15	K1128	8.697	44.336	105.711	9.979	0.12621	3.15781	4	X
K05A31F	15.2	0.15	K1128	54.965	296.345	110.083	28.031	0.23544	3.22991	3	X
K05A49N	15.7	0.15	K1128	118.464	260.698	135.042	10.249	0.06500	3.07913	6	X
K05A54R	15.0	0.15	K1128	81.091	17.733	44.647	14.113	0.15337	3.02540	6	X
K05A77P	15.8	0.15	K1128	19.089	179.898	339.318	6.744	0.09991	3.09580	6	X
K05B14B	16.4	0.15	K1128	77.065	275.166	86.163	7.089	0.04276	2.17269	6	X
K05B19E	15.1	0.15	K1128	38.445	132.684	312.066	26.880	0.21590	3.21986	5	X
K05B27E	14.9	0.15	K1128	25.222	68.407	35.528	26.179	0.24237	3.21371	4	W
K05B33V	18.3	0.15	K1128	40.670	255.860	137.860	2.414	0.09341	2.16698	4	X
K05B39B	17.4	0.15	K1128	113.346	169.819	132.810	5.155	0.18150	2.23802	5	X
K05C06O	17.5	0.15	K1128	56.554	2.787	30.818	1.583	0.14210	2.13863	5	X
K05C32Y	17.3	0.15	K1128	144.632	115.577	338.329	6.958	0.15012	2.21941	6	X
K05C73V	15.4	0.15	K1128	47.328	299.741	134.450	8.980	0.16862	3.32402	6	X
K05E04W	16.4	0.15	K1128	213.757	74.530	154.181	7.627	0.14236	2.27810	7	X
K05E12M	18.0	0.15	K1128	332.241	33.904	101.055	3.967	0.21862	2.15602	3	X
K05E19G	17.7	0.15	K1128	224.562	238.149	355.668	6.507	0.09671	2.24157	5	X
K05E20R	17.5	0.15	K1128	293.242	16.511	141.536	4.672	0.09281	2.21015	4	X
K05E21T	17.4	0.15	K1128	172.586	100.248	157.624	5.423	0.14176	2.29895	4	X
K05E22Z	17.1	0.15	K1128	236.427	44.242	171.291	6.546	0.12598	2.23941	7	X
K05E29U	17.7	0.15	K1128	32.389	28.634	39.006	4.046	0.10224	2.14688	5	X
K05E49Y	17.5	0.15	K1128	237.367	109.129	130.939	5.827	0.11057	2.19855	4	X
K05E72L	14.9	0.15	K1128	337.153	228.208	354.625	26.835	0.18462	3.13765	7	X
K05E83U	17.0	0.15	K1128	242.901	277.518	303.531	7.683	0.10843	2.20926	5	X
K05E92A	17.3	0.15	K1128	281.278	99.336	83.841	4.087	0.12128	2.22050	4	X
K05EC6U	16.9	0.15	K1128	251.332	11.470	187.194	5.502	0.11774	2.27884	6	X
K05EE1W	17.9	0.15	K1128	222.117	42.472	180.818	2.001	0.09064	2.22476	4	X
K05EE3F	16.8	0.15	K1128	258.627	44.833	153.333	5.290	0.11434	2.24940	5	X
K05EF5B	17.5	0.15	K1128	188.381	68.052	182.858	7.717	0.18338	2.33589	5	X
K05EJ5A	17.6	0.15	K1128	299.239	326.053	185.253	5.795	0.09596	2.23467	4	X
K05EL1Y	16.8	0.15	K1128	186.329	125.729	129.987	5.505	0.15457	2.27117	6	X
K05EL2F	14.6	0.15	K1128	262.671	40.312	138.284	6.012	0.14499	3.92303	5	X
K05EM0H	17.7	0.15	K1128	254.666	64.083	123.476	2.402	0.13465	2.26844	5	X
K05EM3D	17.1	0.15	K1128	225.871	137.420	75.372	10.123	0.16700	2.30104	4	X
K05EROE	17.1	0.15	K1128	325.063	21.133	100.478	6.169	0.10994	2.24903	5	X
K05EW4O	17.1	0.15	K1128	78.301	267.330	38.664	14.201	0.19701	2.57036	4	X
K05F06E	16.3	0.15	K1128	183.640	312.484	310.923	8.435	0.13279	2.25808	4	X
K05G11R	17.0	0.15	K1128	271.043	111.836	92.887	5.724	0.09688	2.21621	5	X
K05G15S	17.7	0.15	K1128	55.693	347.337	67.657	1.036	0.03185	2.19121	5	X
K05G17F	18.0	0.15	K1128	66.950	187.020	179.931	6.362	0.03677	2.26478	5	X
K05G19O	17.5	0.15	K1128	151.798	86.737	200.678	8.554	0.05398	2.33376	4	X
K05G22B	16.8	0.15	K1128	216.867	132.096	54.823	4.507	0.09395	2.37304	5	X
K05G27B	17.9	0.15	K1128	267.504	60.640	158.523	7.296	0.33478	2.22580	4	X
K05G53R	17.1	0.15	K1128	247.486	209.281	3.538	5.115	0.13358	2.26533	4	X
K05G62Y	16.9	0.15	K1128	275.412	87.964	83.021	6.288	0.09688	2.23392	6	X
K05G74J	17.1	0.15	K1128	201.175	185.830	63.231	10.638	0.16925	2.30624	2	X
K05G74Q	17.3	0.15	K1128	207.003	21.363	199.917	2.151	0.16303	2.32934	7	X
K05G84M	17.4	0.15	K1128	0.965	267.125	167.596	2.401	0.02593	2.25637	3	X
K05GA5P	18.3	0.15	K1128	113.940	149.133	155.245	2.867	0.18535	2.43953	5	X
K05GB1R	17.6	0.15	K1128	242.666	46.278	201.583	3.805	0.10805	2.21473	5	X
<b>K05GC0C</b>	<b>19.6</b>	<b>0.15</b>	<b>K1128</b>	<b>94.527</b>	<b>258.198</b>	<b>68.029</b>	<b>16.535</b>	<b>0.49761</b>	<b>1.19378</b>	<b>6</b>	<b>X</b>
K05GC7N	17.6	0.15	K1128	152.426	272.627	23.168	8.522	0.08154	2.32991	3	X
K05GF0M	17.0	0.15	K1128	274.939	91.082	76.002	5.675	0.06399	2.32591	5	X
K05GL7O	17.5	0.15	K1128	26.968	17.497	51.837	2.129	0.17229	2.22001	6	X
K05GM2K	18.0	0.15	K1128	306.494	335.149	171.788	3.025	0.10644	2.25451	2	X
K05H05J	17.0	0.15	K1128	264.318	100.364	81.935	9.066	0.14707	2.32116	3	X
K05J17R	16.9	0.15	K1128	145.256	132.387	154.748	6.813	0.13246	2.41645	6	X
K05J21T	17.6	0.15	K1128	137.208	94.759	178.135	2.287	0.18270	2.44547	7	X
K05J34P	12.9	0.15	K1128	341.066	218.731	217.719	21.544	0.04864	5.20282	2	X
K05J36C	17.2	0.15	K1128	171.482	167.534	94.101	7.434	0.08918	2.41080	4	X
K05J37X	16.7	0.15	K1128	205.439	40.691	237.205	6.350	0.08709	2.24027	6	X
K05J52K	16.7	0.15	K1128	47.974	277.353	83.382	12.167	0.22011	2.51598	5	X
K05J59B	17.1	0.15	K1128	161.116	108.950	204.868	5.538	0.13178	2.23901	5	X
K05J59P	17.2	0.15	K1128	310.639	309.581	180.823	6.199	0.04045	2.34465	4	X
K05J59U	17.5	0.15	K1128	273.964	72.710	124.889	4.730	0.03814	2.27195	5	X
K05J65U	16.6	0.15	K1128	291.638	203.890	329.478	5.491	0.08762	2.26962	6	X
K05J83Q	17.3	0.15	K1128	190.712	30.306	204.275	5.462	0.09474	2.40492	6	X
K05J99F	17.6	0.15	K1128	190.725	88.350	145.982	1.781	0.13353	2.37634	8	X
K05JA6S	16.9	0.15	K1128	253.725	67.877	126.479	6.784	0.04538	2.29298	6	X
K05JB1T	16.6	0.15	K1128	135.282	223.023	70.404	7.661	0.13434	2.42674	4	X
K05JC0V	13.1	0.15	K1128	83.669	125.015	216.426	18.225	0.04905	5.08542	6	X
K05JD0D	17.7	0.15	K1128	295.749	46.019	100.775	3.434	0.10550	2.31809	4	X
K05JD1K	17.8	0.15	K1128	268.619	26.063	151.196	5.850	0.09554	2.33280	5	X
K05JE6D	16.1	0.15	K1128	93.459	138.047	192.868	15.151	0.20556	2.52098	5	X
K05JG2F	13.5	0.15	K1128	15.301	281.624	121.481	9.007	0.01471	5.21559	5	X

K05JH9C	16.8	0.15	K1128	92.509	232.984	85.722	5.860	0.29264	2.55295	5	X
K05K09R	17.2	0.15	K1128	106.623	147.980	156.108	6.901	0.28486	2.56260	3	X
K05K10B	16.7	0.15	K1128	177.118	108.702	152.994	6.206	0.09795	2.40750	5	X
K05K10G	17.0	0.15	K1128	76.981	240.898	90.543	11.129	0.22886	2.61558	5	X
K05L19V	15.7	0.15	K1128	112.058	162.789	156.591	15.534	0.20539	2.54018	6	X
K05L20W	17.2	0.15	K1128	85.205	186.363	152.357	7.202	0.26788	2.52439	5	X
K05L26N	17.6	0.15	K1128	174.359	148.979	153.618	6.688	0.13500	2.32620	5	X
K05L45Z	12.8	0.15	K1128	84.529	239.697	110.136	22.932	0.07927	5.16185	6	X
K05M16T	17.4	0.15	K1128	233.762	349.435	267.316	3.783	0.12577	2.34433	4	X
K05M22H	17.0	0.15	K1128	48.017	298.664	125.223	6.168	0.03866	2.45066	4	X
K05M22T	16.8	0.15	K1128	26.362	341.823	127.095	4.774	0.10182	2.38443	7	X
K05M25K	16.8	0.15	K1128	150.975	201.786	112.405	8.258	0.15404	2.45091	5	X
K05M26L	17.2	0.15	K1128	156.057	208.017	127.585	7.113	0.12531	2.37356	7	X
K05M44S	15.7	0.15	K1128	88.734	232.035	93.749	15.489	0.18686	2.55307	4	X
K05M48J	17.0	0.15	K1128	137.799	130.606	163.680	7.224	0.09899	2.54909	6	X
K05M49E	16.7	0.15	K1128	96.966	96.080	267.085	6.811	0.18080	2.54198	5	X
K05N03N	16.6	0.15	K1128	103.517	201.009	127.268	15.501	0.18527	2.59983	5	X
K05N06G	16.9	0.15	K1128	36.812	244.446	167.630	3.283	0.25151	2.57063	5	X
K05N08F	17.3	0.15	K1128	81.106	208.182	172.962	2.945	0.15149	2.53072	6	X
K05N08Z	17.1	0.15	K1128	277.607	295.364	279.600	3.267	0.19501	2.32424	6	X
K05N11X	17.2	0.15	K1128	143.698	207.902	114.319	1.977	0.07550	2.44482	7	X
K05N22L	16.8	0.15	K1128	331.548	238.924	271.372	5.486	0.07120	2.41244	3	X
K05N26K	17.4	0.15	K1128	220.951	36.326	193.637	2.757	0.12230	2.43047	5	X
K05N39V	16.3	0.15	K1128	42.413	128.817	294.062	25.149	0.26837	2.56019	5	X
K05N40R	17.0	0.15	K1128	40.817	147.183	265.172	2.583	0.20189	2.54265	5	X
K05N41A	17.4	0.15	K1128	34.469	136.522	219.774	1.327	0.29009	2.79879	3	X
K05N46Q	16.8	0.15	K1128	110.013	133.047	174.759	6.033	0.13878	2.60662	6	X
K05N47D	17.1	0.15	K1128	30.319	284.051	113.014	13.739	0.27800	2.68330	3	X
K05N75B	16.5	0.15	K1128	160.808	181.264	127.347	6.253	0.07528	2.42046	6	X
K05N84R	16.7	0.15	K1128	205.637	136.455	104.485	10.803	0.16527	2.44403	6	X
K05NA0W	16.0	0.15	K1128	81.182	211.806	135.810	12.792	0.19541	2.67847	6	X
K05NC3K	16.6	0.15	K1128	33.022	259.807	137.763	13.875	0.22348	2.68276	5	X
K05O03R	16.7	0.15	K1128	123.092	198.178	74.406	7.658	0.29786	2.63274	6	X
K05O21F	17.2	0.15	K1128	204.318	189.819	84.089	2.474	0.15198	2.42138	8	X
K05P18X	17.0	0.15	K1128	112.308	150.123	144.033	5.637	0.26115	2.64835	5	X
K05Q00B	16.0	0.15	K1128	53.914	130.805	231.503	8.514	0.27907	2.77228	5	X
K05Q01F	16.0	0.15	K1128	92.480	190.406	151.470	13.757	0.18097	2.62540	5	X
K05Q05T	16.7	0.15	K1128	234.868	352.489	280.141	4.229	0.13204	2.32491	8	X
K05Q14C	16.0	0.15	K1128	48.318	225.790	165.712	14.156	0.10005	2.67465	5	X
K05Q15Z	17.4	0.15	K1128	78.540	150.262	215.345	1.006	0.21075	2.65176	4	X
K05Q16V	16.0	0.15	K1128	86.529	170.639	160.565	8.549	0.17913	2.73106	3	X
K05Q19U	16.3	0.15	K1128	314.099	157.283	342.182	8.852	0.05143	2.57539	4	X
K05Q20H	16.5	0.15	K1128	64.310	197.952	161.262	10.543	0.21977	2.72302	2	X
K05Q20P	16.8	0.15	K1128	124.523	288.145	7.166	5.135	0.27581	2.64219	5	X
K05Q35D	16.8	0.15	K1128	120.464	311.335	5.423	7.067	0.08575	2.64617	4	X
K05Q41E	16.6	0.15	K1128	184.046	22.842	304.327	3.995	0.19970	2.38383	4	X
K05Q42Q	16.9	0.15	K1128	101.398	209.357	145.185	4.353	0.21827	2.59639	5	X
K05Q46H	17.4	0.15	K1128	83.896	263.358	138.753	5.230	0.11523	2.52008	5	X
K05Q93R	16.5	0.15	K1128	14.434	293.435	126.179	8.628	0.22255	2.77721	5	X
K05Q93V	16.8	0.15	K1128	195.790	195.295	111.638	6.679	0.09276	2.41539	6	X
K05QA0S	16.4	0.15	K1128	40.193	210.937	189.343	8.738	0.20083	2.70683	5	X
K05QA1P	17.2	0.15	K1128	43.171	140.651	309.385	4.766	0.19337	2.52931	5	X
K05QB1U	16.6	0.15	K1128	37.072	213.844	178.030	13.025	0.14874	2.75461	2	X
K05QB2V	16.9	0.15	K1128	103.827	248.494	121.561	9.407	0.24561	2.55958	5	X
K05QD1U	16.0	0.15	K1128	51.644	245.817	135.431	6.665	0.06686	2.69687	6	X
K05QD4T	16.7	0.15	K1128	81.075	180.387	167.383	6.019	0.10863	2.71737	6	X
K05QE3S	16.5	0.15	K1128	69.780	175.551	182.758	5.851	0.06539	2.72163	4	X
K05QE8Y	16.3	0.15	K1128	115.514	64.792	299.751	14.170	0.15581	2.53556	5	X
K05QF4P	16.1	0.15	K1128	98.335	64.969	271.503	12.147	0.20114	2.64031	4	X
K05QF5Z	16.6	0.15	K1128	150.913	42.784	277.546	14.125	0.13280	2.54248	3	X
K05QF6N	16.6	0.15	K1128	144.823	353.585	288.934	12.994	0.22887	2.65569	4	X
K05QH7X	17.0	0.15	K1128	87.007	142.977	183.658	4.633	0.12345	2.75951	5	X
K05QH9Y	16.0	0.15	K1128	3.040	283.182	157.155	14.356	0.04507	2.69181	6	X
K05QI2C	16.5	0.15	K1128	2.117	306.101	100.112	3.077	0.13579	2.89659	4	X
K05QI2H	16.1	0.15	K1128	355.997	108.704	348.058	8.711	0.14547	2.72363	3	X
K05QI9H	16.9	0.15	K1128	103.233	135.276	180.064	2.085	0.08762	2.74311	6	X
K05R23S	15.8	0.15	K1128	102.535	26.325	294.487	13.273	0.19912	2.75020	4	X
K05R25H	16.1	0.15	K1128	65.064	159.483	206.193	12.568	0.23666	2.74883	6	X
K05R25K	15.6	0.15	K1128	62.229	39.127	329.513	8.216	0.17988	2.75890	5	X
K05R28X	15.5	0.15	K1128	84.581	294.073	41.718	16.238	0.25746	2.74234	4	X
K05R45H	16.3	0.15	K1128	53.227	238.392	138.109	13.674	0.18197	2.77859	4	X
K05R45J	16.2	0.15	K1128	55.770	250.997	106.965	10.151	0.19256	2.80785	2	S
K05R48H	16.1	0.15	K1128	146.439	29.512	266.642	11.036	0.17607	2.62697	4	X
K05S05G	16.7	0.15	K1128	40.986	67.570	326.191	4.110	0.16861	2.70794	5	X
K05S06L	16.3	0.15	K1128	4.775	162.302	290.943	2.789	0.06480	2.73434	5	X
K05S11N	16.5	0.15	K1128	60.938	0.822	21.885	6.225	0.06774	2.72903	4	X
K05S11T	17.2	0.15	K1128	65.477	169.074	158.877	1.756	0.25157	2.86709	4	X
K05S18P	16.3	0.15	K1128	233.692	13.265	188.577	7.106	0.05404	2.73112	5	X
K05S18W	16.5	0.15	K1128	92.134	117.081	241.747	1.423	0.10125	2.68385	5	X
K05S19Y	15.8	0.15	K1128	45.897	208.745	177.422	13.708	0.19780	2.79109	5	X
K05S21M	16.2	0.15	K1128	118.402	317.129	3.519	9.162	0.10832	2.72899	5	X
K05S22C	16.5	0.15	K1128	351.411	113.939	137.637	5.316	0.16607	2.78067	8	X
K05S23F	16.0	0.15	K1128	35.861	183.415	179.421	5.082	0.11403	2.86174	3	X
K05S32U	16.3	0.15	K1128	34.555	285.976	108.689	2.728	0.19195	2.83400	5	X
K05S38V	16.9	0.15	K1128	101.681	134.799	193.421	6.022	0.07135	2.74835	3	X
K05S39G	16.9	0.15	K1128	92.364	138.176	195.291	3.470	0.18821	2.73800	3	X



K05S40D	16.6	0.15	K1128	338.159	270.333	189.799	4.155	0.02601	2.75853	5	X
K05S44E	16.7	0.15	K1128	48.805	203.466	217.559	5.715	0.09291	2.66108	5	X
K05S47Y	16.5	0.15	K1128	23.577	237.876	208.029	9.052	0.26560	2.73320	4	X
K05S48X	17.2	0.15	K1128	18.696	261.493	192.686	3.979	0.18976	2.71491	3	X
K05S49A	17.0	0.15	K1128	154.141	92.528	200.217	13.457	0.09649	2.69862	5	X
K05S49B	18.3	0.15	K1128	34.598	189.997	188.832	3.192	0.34538	2.88250	3	X
K05S50D	15.9	0.15	K1128	178.358	244.966	21.300	12.545	0.07272	2.71803	3	X
K05S59R	16.2	0.15	K1128	337.247	284.444	197.575	8.659	0.21913	2.78197	5	X
K05S60T	16.4	0.15	K1128	225.207	22.708	190.345	5.659	0.00610	2.75887	7	X
K05S62E	16.9	0.15	K1128	132.608	287.304	25.391	5.634	0.05311	2.70279	3	X
K05S63A	16.7	0.15	K1128	34.247	193.231	207.909	3.487	0.21873	2.77679	5	X
K05S66F	16.3	0.15	K1128	58.224	158.063	212.991	9.164	0.12971	2.77042	4	X
K05S73Z	15.9	0.15	K1128	63.685	240.246	97.688	18.438	0.27705	2.79201	6	X
K05S84B	15.9	0.15	K1128	166.785	51.888	199.496	3.847	0.05734	2.80092	4	X
K05S88Y	16.4	0.15	K1128	239.296	6.898	230.902	3.113	0.12677	2.58377	7	X
K05S90F	16.6	0.15	K1128	107.999	341.989	0.623	2.003	0.09360	2.70347	7	X
K05S94Y	15.6	0.15	K1128	83.835	56.168	313.693	15.133	0.16849	2.65120	4	X
K05SA3T	16.8	0.15	K1128	155.195	51.367	284.595	3.146	0.18277	2.52359	6	X
K05SA8J	15.9	0.15	K1128	106.455	88.970	198.705	9.864	0.07392	2.92457	3	X
K05SB0V	16.2	0.15	K1128	107.883	311.782	11.175	6.953	0.05809	2.76030	5	X
K05SB0Z	16.8	0.15	K1128	38.561	177.642	200.298	3.835	0.22278	2.85367	5	X
K05SB3B	15.8	0.15	K1128	21.276	186.158	230.839	11.912	0.13072	2.78632	2	X
K05SB3L	16.7	0.15	K1128	265.737	224.057	335.454	1.215	0.13301	2.60868	7	X
K05SB9Z	17.0	0.15	K1128	95.325	18.978	316.896	0.489	0.10423	2.72167	7	X
K05SC1B	16.5	0.15	K1128	79.810	127.428	206.169	11.341	0.22731	2.77830	4	X
K05SD0L	15.4	0.15	K1128	79.380	331.731	9.597	9.580	0.22929	2.76536	6	X
K05SD9W	16.3	0.15	K1128	113.827	139.863	173.278	6.490	0.05389	2.76100	5	X
K05SE3B	17.7	0.15	K1128	23.226	5.428	106.515	4.257	0.09335	2.55197	5	X
K05SE4J	17.3	0.15	K1128	8.710	287.664	108.003	3.158	0.08705	2.91346	4	X
K05SF8H	15.9	0.15	K1128	85.861	349.294	10.422	6.256	0.03832	2.71309	4	X
K05SF9C	16.8	0.15	K1128	25.722	103.051	319.002	4.053	0.08231	2.75989	5	X
K05SG6K	16.5	0.15	K1128	20.598	279.361	132.149	8.427	0.31949	2.85158	2	X
K05SH0F	16.4	0.15	K1128	39.493	185.055	197.365	13.421	0.18941	2.78293	3	X
K05SH3D	16.4	0.15	K1128	58.475	53.327	334.061	5.745	0.03269	2.69527	5	X
K05SI1U	16.6	0.15	K1128	340.115	256.208	247.118	3.426	0.08453	2.61105	5	X
K05SI3A	17.4	0.15	K1128	67.931	51.770	327.587	1.874	0.08838	2.73051	5	X
K05SK4R	16.9	0.15	K1128	26.634	145.849	266.912	7.972	0.28434	2.78715	3	X
K05SK6W	17.1	0.15	K1128	91.863	121.835	193.673	3.657	0.20038	2.78229	3	X
K05SK6Z	17.0	0.15	K1128	317.130	199.957	330.621	1.069	0.12953	2.55198	7	X
K05SK7N	16.2	0.15	K1128	58.793	334.806	47.439	5.799	0.16682	2.72113	6	X
K05SM0Q	15.9	0.15	K1128	76.584	113.879	321.445	11.777	0.24877	2.57432	4	X
K05SM1W	16.9	0.15	K1128	83.071	203.203	141.081	12.951	0.20231	2.71607	5	X
K05SM7K	17.3	0.15	K1128	38.896	208.125	183.212	5.852	0.07722	2.78293	4	X
K05SN5T	17.2	0.15	K1128	20.469	177.180	292.249	2.034	0.15462	2.64771	5	X
K05SN8H	16.6	0.15	K1128	144.398	359.429	296.413	1.543	0.13119	2.73881	5	X
K05SP5J	16.9	0.15	K1128	79.506	92.401	281.221	2.004	0.15640	2.64089	4	X
K05SP5T	16.6	0.15	K1128	25.823	79.062	338.115	0.912	0.21969	2.74729	3	X
K05SQ1J	15.9	0.15	K1128	101.486	221.888	114.851	15.273	0.12654	2.71082	8	X
K05SQ4C	15.9	0.15	K1128	74.997	108.274	241.268	10.492	0.13777	2.76983	2	X
K05SR2W	16.6	0.15	K1128	28.027	283.903	120.402	5.784	0.17166	2.78570	4	X
K05SR5B	16.4	0.15	K1128	55.910	314.631	61.401	5.017	0.11382	2.76928	4	X
K05SS1N	14.8	0.15	K1128	341.392	340.737	117.036	12.109	0.07154	3.26499	4	X
K05SS2W	16.8	0.15	K1128	93.585	251.446	75.973	6.996	0.07427	2.80621	5	X
K05SS7S	16.2	0.15	K1128	316.233	48.313	73.397	15.930	0.10086	2.87042	4	X
K05ST1M	16.4	0.15	K1128	50.524	226.328	155.206	6.426	0.07568	2.80427	5	X
K05ST2J	16.4	0.15	K1128	323.474	305.090	166.914	4.632	0.01879	2.78916	5	X
K05ST2T	16.9	0.15	K1128	113.603	179.241	106.692	2.165	0.22555	2.80369	5	X
K05ST3H	16.0	0.15	K1128	75.848	116.364	226.631	5.474	0.10716	2.75669	5	X
K05T01T	16.0	0.15	K1128	42.224	142.002	244.419	8.002	0.17656	2.77732	5	X
K05T02Z	16.3	0.15	K1128	53.716	44.122	344.793	6.349	0.10799	2.72781	3	X
K05T10Z	16.1	0.15	K1128	44.910	157.581	220.499	5.735	0.07145	2.86361	4	X
K05T11J	16.4	0.15	K1128	114.490	111.444	202.793	8.499	0.12121	2.71579	5	X
K05T11Z	16.9	0.15	K1128	116.477	179.070	162.020	2.294	0.22266	2.63684	3	X
K05T23X	16.2	0.15	K1128	90.524	122.536	202.312	3.826	0.07274	2.78403	3	X
K05T25O	16.3	0.15	K1128	21.326	340.112	37.100	9.722	0.14776	3.00412	3	X
K05T30O	17.0	0.15	K1128	40.853	148.699	256.364	7.458	0.30609	2.75280	2	X
K05T31S	17.4	0.15	K1128	27.805	235.306	169.008	5.883	0.05622	2.77758	5	X
K05T34R	17.2	0.15	K1128	55.533	189.207	149.130	2.635	0.08831	2.90740	4	X
K05T36V	16.7	0.15	K1128	88.447	170.240	184.545	9.237	0.09787	2.71470	3	X
K05T38L	17.1	0.15	K1128	32.396	230.081	179.417	6.467	0.02353	2.71276	3	X
K05T38Y	16.5	0.15	K1128	93.576	116.137	239.215	6.735	0.16301	2.68024	4	X
K05T47B	16.8	0.15	K1128	80.369	246.385	129.750	6.041	0.18922	2.67130	4	X
K05T51B	14.9	0.15	K1128	352.806	354.081	93.439	28.284	0.10585	3.13397	6	X
K05T54X	15.9	0.15	K1128	179.210	230.154	32.651	13.746	0.23814	2.66904	6	X
K05T63L	16.5	0.15	K1128	80.947	118.388	206.059	7.456	0.22037	2.83722	4	X
K05T63O	16.9	0.15	K1128	113.418	327.340	354.791	5.479	0.09236	2.71091	3	X
K05T74Q	16.6	0.15	K1128	36.523	146.348	249.557	3.155	0.20806	2.77756	2	X
K05T76C	16.0	0.15	K1128	42.092	325.541	57.234	8.398	0.13595	2.77235	6	X
K05T76K	15.2	0.15	K1128	75.535	309.723	45.645	14.122	0.15443	2.71896	4	X
K05T77O	15.9	0.15	K1128	344.948	68.544	38.582	15.028	0.03857	2.72882	4	X
K05T78D	16.6	0.15	K1128	32.822	227.631	179.176	6.582	0.01265	2.69521	3	X
K05T80H	16.6	0.15	K1128	65.449	121.209	253.387	5.236	0.03828	2.72968	4	X
K05TA0T	16.4	0.15	K1128	133.303	86.036	204.075	2.997	0.06847	2.79808	6	X
K05TA1K	16.4	0.15	K1128	63.285	269.108	79.818	3.471	0.07463	2.88243	7	X
K05TA4P	16.3	0.15	K1128	3.633	192.493	245.975	7.383	0.14723	2.80337	4	X
K05TB0O	16.8	0.15	K1128	103.710	98.717	229.147	4.705	0.06816	2.73398	2	X

K05TB2G	17.3	0.15	K1128	42.550	194.738	239.598	2.347	0.05312	2.60747	6	X
K05TB8D	17.0	0.15	K1128	308.705	219.079	348.244	2.203	0.15172	2.45100	4	X
K05TC4Y	16.2	0.15	K1128	355.809	222.013	227.625	3.098	0.06880	2.78129	7	X
K05TC6A	16.8	0.15	K1128	4.204	240.624	179.148	1.983	0.05323	2.86754	4	X
K05TD6G	16.8	0.15	K1128	51.233	205.293	171.225	4.968	0.12826	2.78936	4	X
K05TD7C	16.4	0.15	K1128	10.886	47.603	32.435	7.775	0.07877	2.71224	5	X
K05TE2P	16.7	0.15	K1128	70.891	183.471	168.425	5.339	0.16866	2.80313	4	X
K05TE5X	16.6	0.15	K1128	62.230	310.681	67.865	6.890	0.05378	2.76217	5	X
K05TF2D	17.3	0.15	K1128	324.274	324.691	190.602	1.597	0.07457	2.67903	5	X
K05TG3O	16.9	0.15	K1128	72.587	11.754	3.255	5.905	0.03745	2.74127	4	X
K05TG3P	16.3	0.15	K1128	106.195	92.782	235.889	3.228	0.07290	2.76954	3	X
K05TG3T	16.2	0.15	K1128	67.947	17.774	0.552	6.698	0.04629	2.74412	4	X
K05TH1J	15.4	0.15	K1128	63.369	156.332	226.165	24.008	0.10954	2.76257	4	X
K05TI7R	16.5	0.15	K1128	98.118	107.994	201.482	6.786	0.24205	2.74307	6	X
K05TJ3V	17.0	0.15	K1128	23.838	356.092	64.518	1.406	0.05392	2.77868	8	X
K05TJ5V	17.8	0.15	K1128	60.445	290.483	137.734	2.427	0.09726	2.60722	5	X
K05TJ5W	16.7	0.15	K1128	32.408	283.890	103.653	3.243	0.08898	2.87743	5	X
K05U02Z	16.2	0.15	K1128	60.462	91.181	290.563	7.830	0.10074	2.66758	4	X
K05U03Z	17.0	0.15	K1128	40.695	189.685	194.411	5.491	0.04177	2.77254	3	X
K05U09G	16.3	0.15	K1128	80.824	302.828	72.847	7.067	0.04950	2.69631	6	X
K05U20D	15.3	0.15	K1128	42.874	297.064	45.016	4.943	0.23508	3.06930	5	X
K05U21O	16.2	0.15	K1128	0.802	89.110	1.612	4.284	0.02966	2.77045	6	X
K05U21X	16.8	0.15	K1128	205.157	225.854	18.518	4.689	0.01902	2.76241	5	X
K05U30Q	16.9	0.15	K1128	299.257	330.625	209.288	2.127	0.04919	2.62147	7	X
K05U37A	17.0	0.15	K1128	47.668	179.241	225.187	2.960	0.09689	2.79106	4	X
K05U37T	16.1	0.15	K1128	47.029	325.767	62.187	10.006	0.13658	2.88610	2	X
K05U39E	16.2	0.15	K1128	312.965	26.445	108.679	2.092	0.05528	2.88027	4	X
K05U44P	17.3	0.15	K1128	45.946	320.067	94.383	2.803	0.12456	2.75811	3	X
K05U46V	16.3	0.15	K1128	348.030	285.860	162.283	2.339	0.05504	2.89770	4	X
K05U53Q	16.0	0.15	K1128	78.393	334.746	54.652	8.210	0.09112	2.68295	5	X
K05U62C	16.2	0.15	K1128	354.117	211.006	226.204	11.608	0.08338	2.94279	2	X
K05U66O	16.0	0.15	K1128	30.016	167.869	198.561	5.447	0.31376	2.98469	3	X
K05U75P	16.1	0.15	K1128	91.826	82.649	310.031	12.984	0.13600	2.60665	5	X
K05U94J	15.9	0.15	K1128	196.897	237.200	17.531	9.330	0.11178	2.75750	6	X
K05U99O	17.6	0.15	K1128	12.336	325.885	139.518	4.089	0.15384	2.74733	4	X
K05UA1T	16.7	0.15	K1128	193.104	170.219	84.390	6.203	0.03366	2.79486	7	X
K05UA2Q	17.1	0.15	K1128	353.618	221.159	217.665	10.626	0.08476	2.93026	3	X
K05UA5D	17.4	0.15	K1128	12.806	345.301	71.548	7.757	0.22396	2.94049	3	X
K05UA5J	16.1	0.15	K1128	353.956	248.330	195.701	5.258	0.09035	2.91654	8	X
K05UA7C	16.8	0.15	K1128	24.396	253.583	154.898	2.957	0.06627	2.90349	4	X
K05UB1G	16.7	0.15	K1128	3.021	92.944	28.888	5.284	0.06173	2.71957	6	X
K05UB2T	16.2	0.15	K1128	1.882	155.223	294.910	2.169	0.06804	2.85518	5	X
K05UB3E	16.6	0.15	K1128	96.456	332.417	48.154	6.395	0.03952	2.70886	6	X
K05UB4V	16.9	0.15	K1128	56.994	278.410	125.018	8.583	0.32923	2.73882	3	X
K05UB5D	16.9	0.15	K1128	77.107	63.786	310.840	11.769	0.28768	2.67270	3	X
K05UC4R	16.2	0.15	K1128	181.456	34.529	244.807	4.347	0.07100	2.72985	5	X
K05UC6V	16.7	0.15	K1128	329.189	244.485	234.434	4.064	0.05705	2.84897	2	S
K05UD7B	17.5	0.15	K1128	121.176	143.241	204.860	2.155	0.10257	2.63602	5	X
K05UD8P	16.4	0.15	K1128	20.642	188.697	218.199	9.918	0.10254	2.92758	5	X
K05UE3F	16.8	0.15	K1128	49.161	170.579	247.559	2.525	0.08097	2.77021	5	X
K05UE9E	16.6	0.15	K1128	137.262	56.218	242.926	3.676	0.09360	2.81243	8	X
K05UF3T	16.7	0.15	K1128	62.641	158.139	239.802	2.601	0.09708	2.76916	4	X
K05UF5U	15.1	0.15	K1128	75.556	233.183	105.807	9.286	0.22242	2.88390	5	X
K05UF5W	16.4	0.15	K1128	94.544	281.127	124.608	6.147	0.16457	2.59871	4	X
K05UG6D	17.1	0.15	K1128	276.913	150.287	21.470	1.972	0.03513	2.78495	2	S
K05UH2C	17.1	0.15	K1128	41.685	241.122	177.062	0.931	0.11883	2.78077	5	X
K05UI1T	16.4	0.15	K1128	290.436	50.442	87.310	3.114	0.07315	2.99203	3	X
K05UI5J	17.0	0.15	K1128	121.970	116.477	201.563	1.476	0.07147	2.85436	8	X
K05UI5T	15.9	0.15	K1128	310.701	262.005	231.033	16.327	0.08322	2.92521	4	X
K05UJ3L	17.1	0.15	K1128	67.617	329.720	58.300	2.922	0.08495	2.70767	5	X
K05UJ7M	16.0	0.15	K1128	48.149	239.081	153.523	17.891	0.17690	2.61904	3	X
K05UJ8H	16.5	0.15	K1128	3.779	271.954	179.466	7.556	0.10362	2.66798	6	X
K05UJ8O	17.0	0.15	K1128	51.577	41.034	359.235	4.287	0.06002	2.76490	5	X
K05UL5S	15.8	0.15	K1128	107.415	308.227	52.868	7.156	0.03797	2.69211	5	X
K05UL7H	16.4	0.15	K1128	86.578	273.865	141.993	12.217	0.07207	2.57189	5	X
K05UM6V	16.3	0.15	K1128	303.847	267.436	220.460	10.406	0.03074	2.90827	3	X
K05UN1R	16.6	0.15	K1128	83.129	103.473	218.998	5.383	0.27137	2.87285	6	X
K05UN5V	16.4	0.15	K1128	103.150	233.068	80.485	7.187	0.08782	2.93868	4	X
K05UQ0N	16.2	0.15	K1128	88.078	105.149	217.724	11.234	0.07808	2.96370	4	X
K05UQ5E	16.9	0.15	K1128	34.824	231.416	164.971	2.588	0.04264	2.91184	6	X
K05UQ5T	16.1	0.15	K1128	86.590	234.628	92.704	2.942	0.03557	2.99417	4	X
K05UQ9H	16.7	0.15	K1128	354.236	12.879	76.905	1.634	0.03212	2.77622	2	X
K05UR0D	16.1	0.15	K1128	152.117	247.015	37.465	14.794	0.18021	2.71451	3	X
K05US0V	16.5	0.15	K1128	309.106	291.943	242.110	4.030	0.05187	2.71265	4	X
K05US4M	16.7	0.15	K1128	81.558	294.305	64.087	6.295	0.09686	2.78730	5	X
K05US6R	17.0	0.15	K1128	21.038	349.455	72.562	5.403	0.05893	2.80537	2	X
K05UT1G	16.9	0.15	K1128	62.518	91.450	303.405	3.668	0.07214	2.76687	3	X
K05UT2K	15.7	0.15	K1128	166.249	197.142	32.985	11.580	0.05624	3.09332	4	X
K05UT6K	16.1	0.15	K1128	25.544	30.510	49.175	7.869	0.05287	2.76934	4	X
K05UU4V	15.5	0.15	K1128	112.121	211.980	97.823	11.949	0.13789	2.91202	10	X
K05UU6H	16.9	0.15	K1128	81.569	330.170	36.451	7.268	0.01895	2.78791	3	X
K05UV0Y	16.9	0.15	K1128	342.402	68.498	47.517	5.686	0.12148	2.75308	5	X
K05UW4A	16.8	0.15	K1128	162.687	219.537	63.031	2.476	0.04823	2.68656	4	X
K05UW4Z	16.6	0.15	K1128	303.261	318.439	189.508	9.082	0.09866	2.73939	3	X
K05UW8M	16.6	0.15	K1128	41.289	209.224	196.995	11.556	0.09140	2.72877	6	X
K05UX8L	17.0	0.15	K1128	55.595	192.803	179.428	1.909	0.08429	2.84742	6	X

K05UY1C	16.4	0.15	K1128	108.492	237.353	71.436	10.813	0.08296	2.92079	2 X
K05UY2R	16.8	0.15	K1128	87.403	106.107	292.620	2.244	0.10302	2.61029	5 X
K05UY9T	16.2	0.15	K1128	63.583	224.006	148.784	10.231	0.15711	2.78316	3 X
K05UZ3R	15.4	0.15	K1128	238.603	259.012	357.664	7.584	0.23255	2.55338	5 X
K05Ua3Z	16.6	0.15	K1128	131.520	85.030	208.165	11.503	0.02387	2.91329	4 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
K05Ub4N	16.5	0.15	K1128	127.171	96.743	247.701	4.687	0.03574	2.73068	3 X
K05Ud3Q	16.4	0.15	K1128	104.441	261.775	126.179	5.337	0.05412	2.60011	6 X
K05Ue4H	17.0	0.15	K1128	283.865	88.263	146.225	2.665	0.17572	2.45744	7 X
K05Ue7M	17.3	0.15	K1128	57.190	216.643	141.581	2.621	0.08159	2.87805	5 X
K05Uf4D	16.7	0.15	K1128	261.141	121.927	80.424	3.758	0.00414	2.72719	6 X
K05Uf4M	16.2	0.15	K1128	281.092	297.931	210.838	10.528	0.04152	2.90889	6 X
K05Uf4O	16.5	0.15	K1128	97.097	235.005	75.966	3.192	0.11106	2.93309	4 X
K05Uf5F	17.0	0.15	K1128	108.371	261.143	112.594	2.447	0.15769	2.62194	6 X
K05Uf6Y	16.0	0.15	K1128	42.477	316.689	70.929	6.055	0.13333	2.86295	2 X
K05Uf7A	16.6	0.15	K1128	354.930	345.688	92.364	3.678	0.07460	2.88971	5 X
K05Ug9X	16.6	0.15	K1128	0.770	2.532	40.255	9.173	0.11387	3.06263	2 X
K05Ui2R	17.0	0.15	K1128	48.593	344.217	64.945	4.253	0.09130	2.73850	4 X
K05Ui3M	15.4	0.15	K1128	327.093	245.506	248.638	8.169	0.14031	2.76085	5 X
K05Uj5N	16.0	0.15	K1128	37.771	107.487	295.266	10.756	0.14229	2.78100	4 X
K05Uk2D	16.0	0.15	K1128	1.141	322.737	100.477	3.134	0.06639	2.89985	5 X
K05Un1C	16.2	0.15	K1128	50.629	132.771	246.580	14.172	0.15460	2.83813	4 X
K05Un09M	15.5	0.15	K1128	356.736	330.381	104.404	7.217	0.07060	2.92371	5 X
K05Uo4W	16.4	0.15	K1128	314.943	227.482	263.320	0.931	0.01354	2.87164	6 X
K05Up0U	16.6	0.15	K1128	16.627	274.424	109.037	2.734	0.11693	3.11575	4 X
K05Up1W	16.0	0.15	K1128	112.955	249.115	52.937	9.223	0.06082	3.03322	3 X
K05Up3X	16.8	0.15	K1128	70.018	245.062	139.175	4.488	0.22577	2.74529	5 X
K05Up3Z	17.6	0.15	K1128	81.951	279.635	102.505	2.040	0.08270	2.75623	4 X
K05Uq1M	17.3	0.15	K1128	76.781	183.951	155.368	4.530	0.11129	2.81318	4 X
K05Uq3P	17.2	0.15	K1128	106.790	161.533	152.358	3.922	0.08373	2.77799	4 X
K05Uq6G	16.8	0.15	K1128	103.453	138.353	162.977	1.687	0.13450	2.92709	3 X
K05V02R	15.9	0.15	K1128	40.742	344.724	49.965	16.067	0.13329	2.84316	4 X
K05V06L	15.5	0.15	K1128	65.098	10.660	29.874	8.135	0.08479	2.77777	5 X
K05V07J	16.4	0.15	K1128	56.284	298.186	90.514	4.253	0.04686	2.84318	6 X
K05V08O	16.7	0.15	K1128	66.914	272.693	89.465	3.123	0.11163	2.83784	2 S
K05V25N	16.6	0.15	K1128	34.800	169.328	293.095	3.572	0.17211	2.64333	5 X
K05V28P	16.4	0.15	K1128	83.694	132.036	246.283	4.515	0.04309	2.70970	6 X
K05V37J	16.0	0.15	K1128	73.311	268.002	77.070	10.230	0.07643	2.89048	3 X
K05V42S	16.6	0.15	K1128	79.111	251.031	119.045	5.575	0.13381	2.75912	5 X
K05V49B	16.1	0.15	K1128	58.905	228.269	147.094	9.701	0.18482	2.80520	6 X
K05V51J	16.6	0.15	K1128	81.652	289.900	77.792	8.068	0.13060	2.72881	3 X
K05V67A	16.3	0.15	K1128	332.819	28.200	67.973	5.845	0.07680	2.92015	4 X
K05V69D	16.9	0.15	K1128	306.619	339.689	143.761	2.888	0.07914	2.99055	3 X
K05V72Q	15.6	0.15	K1128	233.124	176.842	72.424	12.211	0.12308	2.70601	5 X
K05V87X	16.4	0.15	K1128	94.928	246.344	73.462	10.493	0.10519	2.93901	2 X
K05V88A	17.4	0.15	K1128	45.566	328.609	117.709	3.835	0.05477	2.65545	4 X
K05V93Z	16.6	0.15	K1128	72.187	283.545	105.374	5.299	0.11145	2.76979	5 X
K05V96N	16.9	0.15	K1128	87.011	105.610	260.902	3.646	0.14135	2.74371	5 X
K05VA2N	15.8	0.15	K1128	22.189	222.164	190.421	10.113	0.08335	2.87252	6 X
K05VA3H	15.7	0.15	K1128	30.345	44.082	62.049	16.994	0.21960	2.71177	4 W
K05VC0C	16.2	0.15	K1128	66.417	157.248	283.797	4.914	0.10919	2.79436	3 X
K05VC4S	16.0	0.15	K1128	85.095	261.369	81.563	8.534	0.07348	2.85821	5 X
K05VD0Q	17.2	0.15	K1128	106.590	159.982	155.738	6.053	0.08420	2.79822	3 X
K05W08V	17.1	0.15	K1128	78.691	122.592	239.159	1.062	0.08102	2.85955	5 X
K05W08Z	16.7	0.15	K1128	352.579	54.770	58.850	5.446	0.06209	2.79773	2 S
K05W12Z	16.1	0.15	K1128	41.016	277.469	69.094	1.677	0.19315	3.10466	3 X
K05W13T	16.6	0.15	K1128	10.588	343.605	65.867	3.514	0.08287	3.01416	3 X
K05W16Y	15.4	0.15	K1128	3.162	353.927	71.889	11.885	0.12378	3.00448	3 X
K05W18J	15.9	0.15	K1128	43.264	326.342	73.704	15.817	0.09739	2.91297	5 X
K05W29C	16.3	0.15	K1128	59.061	296.174	56.436	10.849	0.09025	3.03662	2 X
K05W31D	16.4	0.15	K1128	169.067	4.860	294.461	3.341	0.04949	2.80079	6 X
K05W32E	15.6	0.15	K1128	281.648	83.391	70.324	18.675	0.01246	3.00386	2 X
K05W34Y	17.0	0.15	K1128	80.763	131.029	249.260	5.909	0.14268	2.78209	6 X
K05W35K	16.2	0.15	K1128	307.504	252.793	249.902	8.454	0.05138	2.92568	3 X
K05W36C	16.3	0.15	K1128	76.407	310.034	88.713	5.091	0.10219	2.76223	3 X
K05W37P	16.7	0.15	K1128	86.951	275.027	95.640	3.201	0.10599	2.83642	6 X
K05W42R	16.9	0.15	K1128	79.359	50.630	315.701	1.019	0.08302	2.88037	4 X
K05W43M	16.1	0.15	K1128	186.374	36.460	258.518	7.974	0.09208	2.72353	5 X
K05W49R	17.2	0.15	K1128	45.479	345.020	57.466	2.800	0.08265	2.84352	4 X
K05W55N	16.9	0.15	K1128	7.263	311.199	66.499	12.758	0.34534	3.11289	2 W
K05W58R	15.5	0.15	K1128	39.903	115.350	288.575	9.581	0.03384	3.09360	4 X
K05W60C	15.9	0.15	K1128	22.695	188.540	215.442	9.337	0.07154	2.99257	5 X
K05W64F	16.4	0.15	K1128	87.941	260.619	139.223	2.744	0.07061	2.67935	4 X
K05W66S	17.3	0.15	K1128	36.696	189.965	234.841	3.696	0.09740	2.81312	5 X
K05W67L	15.9	0.15	K1128	85.766	114.535	237.194	8.156	0.04121	2.92079	4 X
K05W69O	15.8	0.15	K1128	174.994	168.276	78.310	10.868	0.04470	3.08273	3 X
K05W74G	16.7	0.15	K1128	349.549	19.674	83.659	25.288	0.10633	1.89926	3 X
K05W74U	15.6	0.15	K1128	350.939	279.447	168.151	13.532	0.16016	2.99845	5 X
K05W75Y	16.8	0.15	K1128	74.251	129.327	268.111	5.249	0.07217	2.77371	5 X
K05W78M	15.7	0.15	K1128	99.391	249.545	68.709	13.382	0.07386	3.07780	3 X
K05W86N	16.3	0.15	K1128	29.439	321.680	69.940	10.946	0.10792	2.99073	3 X
K05W90D	16.2	0.15	K1128	85.509	139.495	247.917	5.228	0.06721	2.74700	4 X
K05W95H	16.1	0.15	K1128	43.131	276.139	100.155	4.302	0.12270	3.02249	2 X
K05W96E	15.7	0.15	K1128	15.254	15.151	78.638	16.246	0.10570	2.85040	4 X
K05W97M	16.6	0.15	K1128	356.929	218.310	286.806	1.251	0.02260	2.66338	5 X

K05W99T	16.3	0.15	K1128	9.871	332.490	85.814	3.115	0.17833	2.99394	5	X
K05WA0W	16.1	0.15	K1128	20.164	319.242	73.478	12.018	0.31027	2.99461	2	X
K05WA2U	15.6	0.15	K1128	10.393	325.686	109.256	6.455	0.09102	2.88813	6	X
K05WA3H	16.1	0.15	K1128	49.318	290.502	88.063	13.052	0.22689	2.87069	2	S
K05WA3K	16.1	0.15	K1128	41.373	278.874	92.657	8.716	0.23645	2.91685	2	X
K05WB3J	15.4	0.15	K1128	336.740	250.349	209.307	12.131	0.04664	2.95996	4	X
K05WB5E	15.3	0.15	K1128	308.705	37.635	93.132	17.739	0.05741	3.10211	3	X
K05WB5W	16.1	0.15	K1128	69.155	293.283	136.723	14.321	0.08658	2.63351	5	X
K05WC3F	15.8	0.15	K1128	204.469	160.064	36.384	14.385	0.07906	2.99135	3	X
K05WD5B	15.0	0.15	K1128	51.002	83.449	282.184	19.880	0.04391	3.24462	4	X
K05WF1O	15.3	0.15	K1128	330.290	164.703	256.303	26.131	0.16382	3.20024	2	X
K05WF2S	16.7	0.15	K1128	81.577	330.911	40.453	2.469	0.02191	2.86718	4	X
K05WF3B	16.0	0.15	K1128	61.469	132.751	272.651	4.973	0.02852	2.80152	3	X
K05WF4Z	16.4	0.15	K1128	310.559	70.476	74.762	12.238	0.13020	2.97255	2	S
K05WF9S	17.2	0.15	K1128	84.207	157.697	228.589	2.280	0.07255	2.76953	4	X
K05WG2M	16.0	0.15	K1128	28.052	291.299	89.546	17.163	0.27079	3.08862	3	X
K05WG4M	16.3	0.15	K1128	104.297	223.384	81.577	2.375	0.11551	2.96907	6	X
K05WG9H	16.2	0.15	K1128	42.352	297.882	81.587	11.755	0.19625	2.97661	3	X
K05WH1B	15.7	0.15	K1128	44.948	303.700	85.504	10.806	0.08743	2.99518	4	X
K05WH1J	16.6	0.15	K1128	42.376	207.604	156.415	2.135	0.25896	3.03882	3	X
K05WH1O	16.5	0.15	K1128	40.853	186.471	188.575	1.869	0.09949	3.08058	6	X
K05WH3K	17.5	0.15	K1128	17.675	353.447	120.459	2.982	0.17382	2.79664	3	X
K05WH6Y	16.7	0.15	K1128	355.053	22.940	65.665	3.995	0.04817	3.04387	4	X
K05WH7T	15.0	0.15	K1128	307.635	45.580	91.488	18.506	0.14151	3.10035	4	X
K05WH8W	15.6	0.15	K1128	46.952	292.208	126.868	10.238	0.15148	2.79083	6	X
K05WI2M	16.5	0.15	K1128	29.212	307.075	90.773	7.533	0.23541	2.93562	3	X
K05WJ1E	16.1	0.15	K1128	32.671	279.839	101.073	11.468	0.11788	2.98978	7	X
K05WJ7G	14.9	0.15	K1128	283.762	269.233	274.798	14.280	0.18548	3.15187	4	X
K05WJ9K	16.8	0.15	K1128	242.433	281.061	340.882	2.497	0.03832	2.65548	7	X
K05WK3A	15.7	0.15	K1128	351.694	16.386	77.433	7.160	0.07824	3.03209	3	X
K05WK3T	15.5	0.15	K1128	43.139	145.169	282.272	21.358	0.04425	2.62780	4	X
K05WK8L	16.1	0.15	K1128	30.319	155.772	281.622	8.190	0.10785	2.83783	3	X
K05X08E	15.7	0.15	K1128	77.443	269.204	78.063	11.029	0.02305	3.05388	5	X
K05X11H	15.6	0.15	K1128	38.168	350.702	87.808	12.827	0.07816	2.79191	5	X
K05X14C	16.3	0.15	K1128	308.869	48.223	143.812	3.771	0.00853	2.70274	6	X
K05X17P	16.0	0.15	K1128	31.502	296.790	95.423	10.623	0.09237	3.11772	2	X
K05X18C	16.1	0.15	K1128	152.562	232.968	99.546	7.182	0.04353	2.80907	7	X
K05X24H	15.3	0.15	K1128	352.651	158.732	275.984	21.943	0.19003	3.08858	4	X
K05X24K	15.1	0.15	K1128	12.775	343.057	75.330	20.158	0.22553	3.03381	6	X
K05X24X	16.1	0.15	K1128	73.351	62.233	294.095	14.853	0.11849	3.15452	3	X
K05X25A	15.4	0.15	K1128	0.589	357.817	70.998	11.102	0.11796	3.09901	2	X
K05X25K	16.2	0.15	K1128	111.753	97.124	259.438	4.215	0.08974	2.71160	6	X
K05X31B	16.5	0.15	K1128	1.360	291.634	152.180	2.009	0.23746	2.98143	5	X
K05X32P	16.7	0.15	K1128	136.653	103.372	230.379	2.924	0.10378	2.76909	7	X
K05X44N	16.9	0.15	K1128	48.851	87.350	345.910	3.492	0.19151	2.75778	4	X
K05X56S	17.2	0.15	K1128	356.107	19.581	83.297	21.407	0.08505	1.88572	4	X
K05X57D	15.5	0.15	K1128	13.602	320.813	95.844	9.905	0.08531	3.00034	4	X
K05X57O	16.2	0.15	K1128	341.529	339.745	108.447	3.577	0.05804	3.01768	4	X
K05X67X	16.6	0.15	K1128	60.837	292.712	80.179	23.486	0.11553	1.91173	5	X
K05X77O	16.1	0.15	K1128	354.057	18.479	66.955	2.315	0.27381	3.05294	2	X
K05X77U	15.1	0.15	K1128	22.927	283.275	98.909	19.304	0.49047	3.08363	3	X
K05X87J	15.4	0.15	K1128	359.224	355.420	83.212	12.382	0.07927	3.07347	2	X
K05X87L	15.0	0.15	K1128	37.707	321.334	72.277	11.718	0.11249	3.01058	5	X
K05X88G	16.7	0.15	K1128	342.379	326.601	140.539	2.311	0.12479	3.02467	5	X
K05XB2H	15.1	0.15	K1128	308.879	50.064	117.596	10.830	0.04190	3.04001	6	X
K05XB5J	14.8	0.15	K1128	63.045	286.831	82.577	21.773	0.00904	3.21180	6	X
K05Y03C	16.0	0.15	K1128	1.115	23.878	51.538	15.037	0.26446	3.07685	2	X
K05Y04G	17.3	0.15	K1128	51.803	305.404	78.706	22.205	0.10213	1.89791	2	X
K05Y05M	15.6	0.15	K1128	68.762	272.630	78.432	12.538	0.07553	3.05266	4	X
K05Y06H	15.8	0.15	K1128	307.416	38.565	83.153	10.593	0.01546	3.05672	3	X
K05Y08V	16.0	0.15	K1128	16.746	50.616	18.008	8.548	0.12675	3.02882	8	X
K05Y11B	15.7	0.15	K1128	42.120	295.234	84.949	13.735	0.10745	3.08232	3	X
K05Y11P	16.6	0.15	K1128	66.153	353.095	30.883	2.319	0.13008	2.92183	4	X
K05Y13V	15.5	0.15	K1128	258.776	249.823	297.022	7.920	0.03228	3.16064	4	X
K05Y14J	16.8	0.15	K1128	16.549	292.605	112.530	10.620	0.32531	3.09287	2	X
K05Y14O	16.3	0.15	K1128	27.976	298.896	106.686	2.705	0.16772	3.11287	6	X
K05Y16L	14.7	0.15	K1128	335.669	179.672	294.402	26.805	0.10893	3.11226	4	X
K05Y18H	17.0	0.15	K1128	86.117	24.519	335.852	1.252	0.08117	2.86279	7	X
K05Y22P	15.5	0.15	K1128	183.221	206.457	96.689	4.227	0.16625	2.86229	8	X
K05Y25T	16.0	0.15	K1128	298.816	38.412	119.785	6.057	0.16670	3.12581	5	X
K05Y34E	16.1	0.15	K1128	274.472	85.731	113.919	6.200	0.03829	2.98578	7	X
K05Y34L	15.4	0.15	K1128	334.468	358.755	112.022	10.372	0.12369	3.11840	3	X
K05Y34U	15.7	0.15	K1128	164.411	211.699	123.976	12.514	0.02421	2.83609	5	X
K05Y34Y	16.2	0.15	K1128	30.559	333.372	121.103	14.880	0.21391	2.86908	4	X
K05Y46L	15.0	0.15	K1128	175.032	132.616	116.875	18.091	0.02318	3.25427	4	X
K05Y48X	16.0	0.15	K1128	16.798	297.161	108.861	5.196	0.14750	3.21305	2	X
K05Y54L	15.7	0.15	K1128	351.701	185.917	279.533	8.268	0.03382	3.03968	3	X
K05Y54M	15.9	0.15	K1128	241.560	78.930	122.605	9.368	0.12921	3.20989	5	X
K05Y56M	16.4	0.15	K1128	43.932	86.976	315.377	6.252	0.03345	3.09967	4	X
K05Y58C	15.9	0.15	K1128	31.627	261.390	133.780	1.863	0.15173	3.13869	5	X
K05Y59C	15.7	0.15	K1128	9.017	316.109	101.192	9.468	0.23280	3.08294	3	X
K05Y65U	14.7	0.15	K1128	81.010	234.500	105.091	24.338	0.21617	3.11202	8	X
K05Y71G	16.4	0.15	K1128	46.018	155.348	305.703	8.181	0.03037	2.71686	4	X
K05Y73Q	15.2	0.15	K1128	320.631	17.994	90.021	14.884	0.10716	3.15896	3	X
K05Y80F	15.7	0.15	K1128	333.659	171.939	315.742	2.093	0.01763	3.01677	7	X
K05Y86B	16.3	0.15	K1128	44.845	281.971	103.500	12.257	0.09225	3.11944	2	S

K05Y92M	16.1	0.15	K1128	277.380	81.356	136.001	1.218	0.25440	3.00617	5 X
K05Y93Z	17.3	0.15	K1128	76.120	295.957	83.909	21.485	0.13743	1.86586	3 X
K05Y97F	15.2	0.15	K1128	115.994	226.688	91.577	11.600	0.10326	3.08606	4 X
K05YA4X	16.2	0.15	K1128	40.020	282.065	89.926	2.066	0.08221	3.22628	5 X
K05YA8A	17.0	0.15	K1128	71.411	224.732	175.086	1.998	0.07962	2.89875	7 X
K05YA8D	15.9	0.15	K1128	116.600	71.091	271.843	4.520	0.09433	2.95992	6 X
K05YB0Y	16.2	0.15	K1128	222.211	140.958	125.464	9.111	0.15216	2.90310	6 X
K05YB3U	15.9	0.15	K1128	308.967	55.836	64.555	5.480	0.09925	3.21718	4 X
K05YB3Y	16.4	0.15	K1128	63.910	293.640	70.094	5.952	0.19859	3.10066	4 X
K05YB4Q	15.5	0.15	K1128	250.475	241.798	312.662	7.893	0.03576	3.16741	2 X
K05YC4L	16.1	0.15	K1128	353.150	153.960	301.891	7.360	0.17275	3.00635	4 X
K05YD1L	16.4	0.15	K1128	328.293	151.735	331.912	0.888	0.10973	3.13039	6 X
K05YD1R	16.3	0.15	K1128	321.623	11.927	123.897	2.115	0.12586	3.10926	6 X
K05YD1T	16.1	0.15	K1128	237.512	135.227	121.234	13.224	0.17480	2.99294	5 X
K05YD1Z	16.4	0.15	K1128	75.949	257.982	125.090	5.182	0.15312	2.99515	5 X
K05YD3C	15.9	0.15	K1128	262.973	256.815	302.356	11.021	0.14477	3.05351	3 X
K05YD3N	15.3	0.15	K1128	51.730	311.353	81.730	10.498	0.03070	3.02918	5 X
K05YD3Z	15.3	0.15	K1128	25.644	322.635	74.598	10.409	0.07382	3.17443	2 X
K05YF3L	15.1	0.15	K1128	345.799	155.693	309.727	10.796	0.03542	3.04046	4 X
K05YF5N	14.5	0.15	K1128	229.965	106.834	98.436	27.934	0.07702	3.15832	5 X
K05YF7W	16.9	0.15	K1128	14.593	291.019	120.650	4.825	0.26783	3.05992	2 X
K05YG2D	16.3	0.15	K1128	64.792	211.797	232.519	4.918	0.26858	2.70654	5 X
K05YG2F	14.6	0.15	K1128	353.731	181.116	274.631	21.599	0.04896	3.06718	6 X
K05YG5Q	14.8	0.15	K1128	13.952	290.446	122.816	15.653	0.05936	3.18336	5 X
K05YH5H	15.4	0.15	K1128	191.735	149.070	103.515	13.911	0.03378	3.13843	2 S
K05YH5Z	16.7	0.15	K1128	37.514	9.638	26.929	0.857	0.17423	3.08595	2 X
K05YI1Y	14.7	0.15	K1128	328.480	241.094	255.425	14.986	0.19023	3.15787	5 X
K05YI6B	16.3	0.15	K1128	285.870	55.663	131.975	3.618	0.01039	3.00809	5 X
K05YI6P	14.7	0.15	K1128	299.913	45.398	110.540	18.573	0.13424	3.20975	5 X
K05YI7C	16.5	0.15	K1128	61.140	305.257	89.881	1.932	0.11349	2.96374	6 X
K05YI9M	16.5	0.15	K1128	55.333	82.347	281.940	14.316	0.24158	3.08569	2 S
K05YJ2P	17.4	0.15	K1128	97.592	226.881	116.725	23.253	0.07084	1.92482	4 X
K05YK7A	15.0	0.15	K1128	15.280	287.893	145.284	17.244	0.24642	3.14170	5 X
K05YK8A	16.2	0.15	K1128	23.606	63.130	9.297	0.511	0.17774	3.01508	6 X
K05YK9H	15.7	0.15	K1128	30.274	27.021	16.792	10.102	0.26812	2.98482	4 X
K05YL3F	15.1	0.15	K1128	4.318	346.261	77.730	10.564	0.08589	3.13107	3 X
K05YL3W	15.4	0.15	K1128	23.589	293.080	108.320	16.578	0.20692	3.16117	4 X
K05YL5S	16.4	0.15	K1128	73.414	243.604	113.748	11.552	0.01882	3.18100	5 X
K05YN2F	16.1	0.15	K1128	69.349	74.844	290.947	8.386	0.12223	2.99500	6 X
K05YN9R	16.7	0.15	K1128	13.454	282.109	138.405	3.313	0.25222	3.06035	2 X
K05YP1D	16.5	0.15	K1128	11.691	252.804	175.803	1.990	0.10826	3.11965	4 X
K05YP6Z	15.8	0.15	K1128	269.736	295.365	273.291	8.661	0.04812	3.00796	5 X
K05YQ6J	16.0	0.15	K1128	11.868	179.112	275.237	10.975	0.13210	2.97614	2 X
K05YR0Q	15.6	0.15	K1128	348.541	316.542	133.239	5.768	0.08968	3.22483	4 S
K05YR2H	16.1	0.15	K1128	46.290	304.439	70.267	3.047	0.23143	3.15379	3 X
K05YR4J	15.1	0.15	K1128	45.440	66.121	324.218	8.576	0.09871	3.17239	4 X
K05YS2M	16.5	0.15	K1128	62.488	334.630	98.736	3.191	0.03638	2.85376	4 X
K05YS3K	15.6	0.15	K1128	108.873	222.753	139.932	9.150	0.07500	2.93676	5 X
K05YT0V	15.0	0.15	K1128	269.006	71.493	97.624	14.225	0.02975	2.99832	5 X
K06A00V	16.0	0.15	K1128	351.232	280.669	175.822	4.959	0.20251	3.05339	6 X
K06A08E	15.7	0.15	K1128	357.070	308.082	143.135	19.566	0.29040	3.08842	3 X
K06A11H	14.9	0.15	K1128	325.554	65.586	96.991	17.881	0.19037	3.09442	4 X
K06A14Q	16.2	0.15	K1128	330.793	354.409	126.322	14.148	0.17847	3.12783	3 X
K06A23M	16.6	0.15	K1128	70.197	75.832	342.708	1.024	0.09648	2.85299	6 X
K06A30U	16.5	0.15	K1128	235.857	120.827	112.154	11.299	0.03108	3.07315	4 X
K06A34T	16.2	0.15	K1128	213.099	117.331	103.682	9.395	0.01413	3.20722	5 X
K06A36Q	16.2	0.15	K1128	314.147	47.542	116.400	11.122	0.05665	3.00411	3 X
K06A39Y	16.6	0.15	K1128	46.600	10.926	20.948	0.509	0.18422	3.10803	6 X
K06A41P	15.5	0.15	K1128	4.221	316.575	134.623	12.957	0.16210	3.06752	6 X
K06A43E	16.5	0.15	K1128	96.973	235.186	136.905	10.668	0.09146	2.98726	4 X
K06A59B	15.5	0.15	K1128	328.813	169.594	317.292	16.679	0.14820	3.11939	4 X
K06A71M	15.6	0.15	K1128	74.719	238.775	135.947	5.807	0.13408	3.09336	4 X
K06A71T	15.9	0.15	K1128	336.130	165.519	288.049	4.063	0.13444	3.22826	3 X
K06A79D	16.0	0.15	K1128	135.068	204.177	131.582	11.701	0.11473	2.99291	6 X
K06A81B	16.1	0.15	K1128	88.088	83.126	284.687	9.418	0.07380	3.05579	5 X
K06A82Z	15.5	0.15	K1128	319.595	58.195	73.003	5.801	0.11106	3.14035	4 X
K06A84M	15.3	0.15	K1128	344.519	127.000	342.149	18.959	0.15056	3.13550	3 X
K06A86R	15.6	0.15	K1128	22.708	316.244	96.252	10.922	0.10631	3.00360	3 X
K06AA5M	15.6	0.15	K1128	10.198	8.975	82.410	14.704	0.22862	3.07735	5 X
K06B00R	17.5	0.15	K1128	316.319	54.603	80.526	23.432	0.08608	1.90767	3 X
K06B01D	15.2	0.15	K1128	351.949	333.639	120.238	18.921	0.24000	3.10466	4 X
K06B09Q	15.6	0.15	K1128	316.322	258.650	273.546	11.502	0.10237	2.99936	4 X
K06B10E	15.1	0.15	K1128	267.651	88.661	114.235	12.329	0.02093	3.06746	8 X
K06B17P	16.1	0.15	K1128	175.100	190.881	130.848	7.378	0.05914	2.87101	5 X
K06B30K	16.2	0.15	K1128	32.351	99.624	334.405	5.925	0.07043	3.05631	6 X
K06B30M	15.5	0.15	K1128	20.748	292.644	125.032	13.928	0.12831	3.19197	2 X
K06B46A	17.3	0.15	K1128	322.524	184.553	322.577	2.042	0.15805	3.15930	3 X
K06B53Z	17.1	0.15	K1128	12.954	118.039	4.587	1.649	0.18767	2.97863	3 X
K06B54B	16.0	0.15	K1128	319.806	30.372	146.193	4.849	0.18033	3.07528	5 X
K06B78X	15.3	0.15	K1128	308.345	65.454	128.082	16.401	0.20613	3.12707	5 X
K06B81J	15.6	0.15	K1128	64.771	280.062	120.854	5.538	0.05463	3.21250	4 X
K06B86W	16.5	0.15	K1128	315.577	75.568	65.330	2.031	0.10713	3.16705	5 X
K06B87D	16.2	0.15	K1128	15.843	99.125	329.592	9.484	0.05901	3.20716	4 X
K06B90V	16.6	0.15	K1128	352.955	30.694	116.406	13.693	0.20184	2.89311	3 X
K06B97U	16.2	0.15	K1128	103.800	248.063	110.487	3.976	0.04153	3.10540	6 X
K06BA4K	17.2	0.15	K1128	340.790	11.698	101.442	2.419	0.20165	3.07732	2 S

K06BC1Q	15.5	0.15	K1128	41.031	259.384	131.740	10.669	0.23897	3.15698	5 X
K06BC5T	17.0	0.15	K1128	24.915	345.575	117.833	2.035	0.14382	3.00060	4 X
K06BE7B	14.5	0.15	K1128	68.817	50.250	323.716	15.072	0.25850	3.16828	4 X
K06BE9F	15.4	0.15	K1128	310.238	336.309	169.396	15.840	0.15847	3.18624	6 X
K06BF4J	16.1	0.15	K1128	277.762	103.939	124.328	4.719	0.05330	2.97800	5 X
K06BH7G	15.9	0.15	K1128	253.131	108.947	114.192	8.999	0.05517	3.08134	4 X
K06BH9O	15.4	0.15	K1128	215.339	136.203	135.991	11.907	0.17925	3.10552	5 X
K06BK1H	16.1	0.15	K1128	131.024	83.946	254.600	4.914	0.09566	2.93001	4 X
K06BL2H	16.0	0.15	K1128	324.264	18.817	135.774	5.286	0.08229	3.15165	6 X
K06BL4J	16.1	0.15	K1128	309.250	258.414	296.679	9.098	0.29297	3.06098	2 S
K06BL5E	15.5	0.15	K1128	326.315	4.983	128.007	10.347	0.09466	3.12709	5 X
K06BL7C	15.6	0.15	K1128	49.693	329.237	79.094	7.317	0.08159	3.03076	5 X
K06BM6V	16.4	0.15	K1128	16.677	273.001	159.857	10.108	0.21802	3.16463	3 X
K06BN0N	16.7	0.15	K1128	353.272	359.225	114.437	10.684	0.02528	3.07523	2 S
K06BO9P	14.8	0.15	K1128	48.582	257.591	140.414	12.467	0.03904	3.17688	6 X
K06BQ3W	15.4	0.15	K1128	61.678	21.808	358.568	8.162	0.26303	3.26223	4 X
K06BR0D	15.4	0.15	K1128	340.521	297.078	178.020	9.090	0.07207	3.15508	7 X
K06BR6S	15.6	0.15	K1128	71.438	44.068	334.769	15.670	0.15781	3.12213	4 X
K06BR7N	15.5	0.15	K1128	38.344	325.268	134.597	12.241	0.03361	2.98212	4 X
K06BR8B	15.9	0.15	K1128	262.263	109.369	103.573	10.519	0.02307	2.99890	3 X
K06BR8N	16.2	0.15	K1128	345.691	47.374	77.054	2.222	0.12814	3.09877	8 X
K06C00V	19.8	0.15	K1128	311.491	284.569	330.465	20.201	0.38154	1.14558	4 X
K06C08Y	15.5	0.15	K1128	12.844	259.386	163.642	11.671	0.22791	3.21491	4 X
K06C14X	15.3	0.15	K1128	347.063	300.942	154.069	5.950	0.09166	3.20734	4 X
K06C48Y	16.0	0.15	K1128	355.336	303.038	144.787	1.919	0.13648	3.21786	7 X
K06C65N	16.5	0.15	K1128	75.209	271.717	138.146	2.929	0.11595	2.91031	6 X
K06D07D	15.7	0.15	K1128	350.863	303.252	169.232	10.575	0.19762	3.17312	6 X
K06D13L	15.7	0.15	K1128	344.091	316.502	172.960	13.701	0.32323	3.05193	3 X
K06D17S	15.6	0.15	K1128	27.693	349.535	133.091	12.018	0.00922	2.92396	4 X
K06D46J	16.5	0.15	K1128	294.661	50.912	143.200	3.017	0.10845	3.08773	4 X
K06D50Z	15.3	0.15	K1128	318.006	316.642	187.700	12.244	0.18936	3.19706	4 X
K06D63Z	15.8	0.15	K1128	337.746	91.099	50.329	1.625	0.12690	3.10625	6 X
K06DA2K	15.4	0.15	K1128	296.241	69.334	121.780	2.670	0.16598	3.17823	6 X
K06DC1C	14.9	0.15	K1128	315.413	20.857	121.558	14.751	0.09735	3.22273	4 X
K06DD8Z	15.8	0.15	K1128	95.221	258.309	145.532	11.128	0.11198	3.00362	7 X
K06DE0H	16.1	0.15	K1128	68.938	292.948	143.659	10.681	0.06634	2.99251	5 X
K06DG4M	14.9	0.15	K1128	6.696	68.910	6.418	9.775	0.07873	3.41925	4 X
K06DL5F	16.0	0.15	K1128	57.150	305.382	183.816	13.567	0.08242	2.79133	5 X
K06E07B	15.9	0.15	K1128	44.183	298.472	150.248	1.490	0.05901	3.08080	7 X
K06E36C	15.7	0.15	K1128	159.021	208.408	142.195	9.295	0.04040	2.98789	5 X
K06F06L	14.8	0.15	K1128	331.185	62.329	106.771	10.447	0.17759	3.14144	5 X
K06G01N	15.4	0.15	K1128	36.624	252.051	137.355	14.287	0.08654	3.17591	5 X
K06G30R	17.6	0.15	K1128	76.828	266.287	64.393	4.366	0.07024	2.14369	6 X
K06G31F	17.7	0.15	K1128	135.831	201.211	80.813	2.215	0.13867	2.15730	6 X
K06H05R	17.0	0.15	K1128	134.097	241.589	119.000	23.629	0.08886	1.92963	7 X
K06H06X	14.7	0.15	K1128	8.040	357.511	123.430	29.634	0.13773	3.16622	3 X
K06H07D	17.6	0.15	K1128	342.596	247.495	232.272	20.007	0.08439	1.96116	4 X
K06H15P	16.2	0.15	K1128	8.985	323.126	146.215	2.721	0.09857	3.00267	4 X
K06H53F	17.2	0.15	K1128	335.761	74.576	78.372	23.907	0.09618	1.91127	5 X
K06H62B	17.8	0.15	K1128	80.502	177.773	166.096	4.866	0.22870	2.14599	4 S
K06H81Y	18.4	0.15	K1128	111.126	105.178	209.454	3.545	0.07704	2.13856	4 X
K06HB9G	17.7	0.15	K1128	63.212	179.156	174.931	5.693	0.25896	2.18254	3 X
K06J25Z	19.0	0.15	K1128	86.356	305.845	337.975	10.315	0.54861	2.40624	2 S
K06K26G	15.1	0.15	K1128	49.327	322.130	112.214	14.303	0.05664	3.45932	5 X
K06K33M	17.9	0.15	K1128	122.124	180.876	107.719	1.877	0.19169	2.20995	6 X
K06KA1W	15.0	0.15	K1128	234.919	60.484	161.542	10.377	0.12033	3.93997	7 X
K06KA7L	16.0	0.15	K1128	285.156	309.872	278.530	1.410	0.02057	3.22375	7 X
K06KB8U	17.2	0.15	K1128	92.699	134.612	186.477	2.490	0.17948	2.30341	5 X
K06M10A	17.4	0.15	K1128	49.414	239.350	108.811	2.290	0.20225	2.38577	4 X
K06O04B	17.1	0.15	K1128	96.607	169.210	152.848	6.523	0.21834	2.36982	2 S
K06O04D	17.0	0.15	K1128	62.030	202.099	171.990	1.515	0.24765	2.38597	5 X
K06O07O	18.1	0.15	K1128	67.965	212.145	140.637	1.840	0.20228	2.38765	4 X
K06O08W	17.2	0.15	K1128	181.385	221.142	48.219	1.907	0.20795	2.15539	6 X
K06O09M	17.8	0.15	K1128	85.421	359.479	343.012	5.451	0.18787	2.32197	5 X
K06O11R	16.9	0.15	K1128	86.152	212.771	116.915	6.667	0.25145	2.33713	3 X
K06O13R	17.4	0.15	K1128	109.554	136.104	165.525	3.187	0.16954	2.30414	5 X
K06O15G	19.8	0.15	K1128	24.637	264.088	119.163	17.158	0.62721	2.54557	2 W
K06O16E	17.6	0.15	K1128	113.516	205.277	88.687	6.114	0.23844	2.30011	3 X
K06O20J	17.5	0.15	K1128	90.593	260.118	71.924	4.876	0.23096	2.30426	3 X
K06P08F	17.6	0.15	K1128	84.529	163.147	155.865	5.739	0.29014	2.34837	4 X
K06P09K	17.4	0.15	K1128	88.648	12.623	325.847	5.672	0.18716	2.31328	4 X
K06P09O	18.3	0.15	K1128	70.590	192.850	146.538	2.628	0.23521	2.37971	5 X
K06P10W	16.9	0.15	K1128	63.590	208.714	154.053	8.544	0.19587	2.34879	5 X
K06P12E	17.2	0.15	K1128	46.410	173.103	234.009	2.020	0.21961	2.30701	6 X
K06P14O	16.7	0.15	K1128	122.560	9.308	301.684	7.777	0.14053	2.25856	3 X
K06P14Q	17.4	0.15	K1128	124.483	170.773	126.548	6.503	0.15318	2.29006	5 X
K06P15A	17.6	0.15	K1128	126.085	335.812	337.899	7.192	0.11999	2.24839	5 X
K06P19W	17.0	0.15	K1128	77.878	198.975	133.170	3.319	0.22709	2.37463	5 X
K06P23F	17.1	0.15	K1128	63.665	244.171	109.970	3.374	0.18498	2.34859	5 X
K06P25U	16.6	0.15	K1128	55.968	249.217	127.168	5.779	0.14214	2.33346	5 X
K06P29C	16.9	0.15	K1128	131.984	212.547	114.439	7.070	0.21171	2.24780	6 X
K06P32N	16.8	0.15	K1128	79.570	299.133	69.600	6.044	0.15819	2.29867	4 X
K06Q03Z	17.1	0.15	K1128	80.778	184.366	142.598	2.593	0.19514	2.39660	6 X
K06Q06T	17.2	0.15	K1128	50.088	222.428	145.566	6.828	0.23839	2.40844	3 X
K06Q10J	16.3	0.15	K1128	54.923	282.991	89.384	8.684	0.14824	2.35577	6 X
K06Q17Q	16.8	0.15	K1128	64.568	301.824	66.519	3.687	0.18800	2.32532	5 X

K06Q18R	17.5	0.15	K1128	105.412	336.665	345.497	5.565	0.18834	2.30692	4	X
K06Q19P	17.1	0.15	K1128	14.667	266.501	112.045	13.247	0.28212	2.53618	3	W
K06Q35Y	17.1	0.15	K1128	120.361	212.305	116.765	5.528	0.20362	2.26692	4	X
K06Q41S	17.2	0.15	K1128	143.373	29.841	264.567	6.329	0.13450	2.26020	2	S
K06Q47S	17.7	0.15	K1128	111.193	309.388	0.250	6.519	0.27006	2.32862	4	X
K06Q50C	18.3	0.15	K1128	85.928	233.845	136.368	4.367	0.20428	2.27456	5	X
K06Q58H	16.5	0.15	K1128	82.700	71.587	263.120	8.284	0.25785	2.36794	5	X
K06Q59W	17.4	0.15	K1128	139.526	82.897	229.654	4.251	0.27183	2.21922	7	X
K06Q60V	17.2	0.15	K1128	75.794	232.778	140.401	1.948	0.22512	2.29530	6	X
K06Q60W	16.7	0.15	K1128	45.798	242.289	146.711	7.133	0.12092	2.33072	3	X
K06Q61T	17.5	0.15	K1128	69.022	65.850	289.776	5.562	0.25508	2.37035	5	X
K06Q62J	17.3	0.15	K1128	162.556	166.752	142.254	9.005	0.24842	2.17962	5	X
K06Q64S	18.0	0.15	K1128	58.987	144.283	223.187	0.767	0.20027	2.36697	3	X
K06Q76V	18.1	0.15	K1128	265.422	46.193	144.563	5.975	0.10404	2.21787	4	X
K06Q79S	16.7	0.15	K1128	72.150	145.395	232.473	3.267	0.17837	2.29473	6	X
K06Q81E	18.1	0.15	K1128	74.978	169.115	176.754	4.683	0.16945	2.36757	4	X
K06Q83J	17.6	0.15	K1128	70.983	89.332	265.604	0.736	0.16170	2.35079	5	X
K06Q95O	17.4	0.15	K1128	73.920	234.964	116.844	1.918	0.16892	2.35395	3	X
K06Q95S	17.4	0.15	K1128	66.957	246.264	140.687	2.685	0.20594	2.30462	7	X
K06Q95U	17.1	0.15	K1128	93.060	246.060	73.607	6.961	0.17574	2.36208	4	X
K06Q96O	17.0	0.15	K1128	72.976	223.040	109.273	2.304	0.20102	2.42641	4	X
K06QA6T	17.4	0.15	K1128	34.879	194.409	196.483	4.071	0.24075	2.40667	2	X
K06QA8D	18.3	0.15	K1128	67.682	108.514	269.443	1.646	0.22187	2.32680	4	X
K06QA8P	17.2	0.15	K1128	63.914	82.225	280.824	1.193	0.20540	2.37266	4	X
K06QB0P	16.6	0.15	K1128	43.462	282.479	132.414	6.596	0.08609	2.30376	5	X
K06QB6V	17.4	0.15	K1128	119.360	20.387	301.632	5.673	0.13162	2.28308	5	X
K06QC9D	16.7	0.15	K1128	184.012	273.756	352.364	8.967	0.14633	2.22081	4	X
K06QD4J	16.5	0.15	K1128	41.794	98.459	256.336	12.415	0.25626	2.48064	3	X
K06QE5B	17.3	0.15	K1128	47.070	62.270	333.850	7.757	0.11814	2.32650	4	X
K06QE9S	17.5	0.15	K1128	67.463	217.850	129.140	2.874	0.20628	2.41473	4	X
K06QF5Z	17.9	0.15	K1128	75.752	205.447	173.581	1.818	0.15825	2.26831	5	X
K06QH0Q	17.9	0.15	K1128	41.194	194.573	196.521	2.224	0.18539	2.38348	3	X
K06QI2U	18.2	0.15	K1128	33.444	283.443	147.080	2.532	0.19940	2.32566	4	X
K06QI7F	17.1	0.15	K1128	349.863	256.973	193.902	6.707	0.06637	2.33754	5	X
K06R01W	18.4	0.15	K1128	52.524	41.983	338.552	0.596	0.19700	2.36464	3	X
K06R16C	16.4	0.15	K1128	96.324	177.894	163.945	11.989	0.07639	2.32972	6	X
K06R16F	17.0	0.15	K1128	74.977	117.935	228.340	8.032	0.14052	2.40107	5	X
K06R18H	17.6	0.15	K1128	74.164	204.680	173.675	3.673	0.23664	2.33792	7	X
K06R20M	16.9	0.15	K1128	54.526	109.732	282.130	5.762	0.18899	2.34844	5	X
K06R27Z	16.1	0.15	K1128	2.764	24.949	13.676	16.440	0.30270	2.61138	3	X
K06R33W	17.9	0.15	K1128	47.832	231.319	140.652	2.147	0.22588	2.42390	2	X
K06R36A	17.7	0.15	K1128	103.946	260.930	120.632	7.385	0.14445	2.21043	5	X
K06R38O	18.0	0.15	K1128	151.776	177.543	141.560	4.484	0.17089	2.17689	4	X
K06R39B	17.1	0.15	K1128	94.509	326.930	10.955	6.871	0.15647	2.36947	5	X
K06R40C	17.2	0.15	K1128	46.566	223.095	160.873	11.722	0.26864	2.42465	4	X
K06R42L	18.0	0.15	K1128	50.360	200.670	173.952	2.379	0.13100	2.43527	3	X
K06R46T	17.9	0.15	K1128	17.686	66.437	23.004	5.292	0.19560	2.35335	3	X
K06R47M	16.7	0.15	K1128	249.632	189.814	18.521	7.810	0.05664	2.30605	5	X
K06R47V	17.0	0.15	K1128	122.145	250.533	68.457	7.221	0.13044	2.29721	5	X
K06R49J	16.8	0.15	K1128	262.568	180.824	9.938	7.307	0.05054	2.34488	5	X
K06R58E	17.5	0.15	K1128	66.763	224.856	168.186	5.268	0.17736	2.31870	6	X
K06R62F	16.9	0.15	K1128	61.703	149.313	207.863	5.899	0.11313	2.41198	4	X
K06R77Q	18.1	0.15	K1128	110.001	138.832	168.038	6.023	0.24565	2.36211	5	X
K06R79F	17.9	0.15	K1128	351.158	307.359	143.879	1.745	0.14431	2.40691	4	X
K06R83N	17.5	0.15	K1128	152.783	92.741	194.660	1.771	0.16700	2.30028	5	X
K06R89O	16.8	0.15	K1128	231.837	353.695	206.657	5.248	0.13852	2.40669	5	X
K06R99E	17.5	0.15	K1128	29.057	222.951	173.272	2.454	0.17898	2.43378	4	X
K06RA1Q	17.4	0.15	K1128	54.924	290.956	82.855	3.316	0.21213	2.38308	5	X
K06RA1R	16.5	0.15	K1128	29.011	345.003	67.579	4.553	0.05837	2.32761	5	X
K06RA4R	16.5	0.15	K1128	357.005	352.282	99.979	8.221	0.15161	2.43749	6	X
K06S17J	17.8	0.15	K1128	160.952	306.531	338.908	5.284	0.15714	2.30205	4	X
K06S20W	17.4	0.15	K1128	100.125	112.759	198.730	4.709	0.18636	2.38312	5	X
K06S26K	18.0	0.15	K1128	94.984	105.698	213.829	9.580	0.25520	2.37922	3	X
K06S26U	17.6	0.15	K1128	32.060	234.851	162.783	5.367	0.23164	2.42627	2	X
K06S26X	16.4	0.15	K1128	121.214	14.862	302.594	6.360	0.13411	2.32631	6	X
K06S27W	17.8	0.15	K1128	31.216	174.262	231.382	4.838	0.22663	2.36138	5	X
K06S32T	17.6	0.15	K1128	37.905	185.965	199.343	3.209	0.12160	2.43819	6	X
K06S36A	17.5	0.15	K1128	137.445	230.704	85.341	5.762	0.18724	2.25231	5	X
K06S36H	16.9	0.15	K1128	72.161	290.314	75.348	7.328	0.15311	2.35268	4	X
K06S42L	18.1	0.15	K1128	30.850	186.100	237.912	0.776	0.16664	2.38043	5	X
K06S54T	17.0	0.15	K1128	105.013	256.650	99.915	4.956	0.13234	2.28352	4	X
K06S55S	17.4	0.15	K1128	143.237	199.624	123.565	5.166	0.19689	2.24771	5	X
K06S59O	17.0	0.15	K1128	141.699	186.202	136.667	7.668	0.24059	2.24024	4	X
K06S62S	17.2	0.15	K1128	66.901	281.174	96.738	6.178	0.17573	2.37005	4	X
K06S62Y	16.9	0.15	K1128	57.369	345.379	35.159	7.260	0.13434	2.37049	6	X
K06S63Y	16.9	0.15	K1128	76.517	306.393	56.143	3.252	0.23480	2.36702	5	X
K06S68V	18.6	0.15	K1128	320.179	316.080	169.994	2.758	0.06319	2.35028	4	X
K06S72O	18.3	0.15	K1128	58.070	253.827	132.914	1.990	0.19499	2.39867	2	S
K06S73Z	17.1	0.15	K1128	147.825	133.181	138.108	3.204	0.15468	2.42934	7	X
K06S74E	17.4	0.15	K1128	124.956	135.800	167.474	5.767	0.13127	2.40228	6	X
K06S76F	17.3	0.15	K1128	26.036	358.280	57.266	2.144	0.15112	2.43428	4	X
K06S85Q	17.4	0.15	K1128	92.071	259.392	123.398	6.575	0.17897	2.27909	5	X
K06S87X	17.7	0.15	K1128	54.616	310.201	123.766	0.266	0.10911	2.26366	6	X
K06S91F	18.2	0.15	K1128	48.117	199.664	214.239	1.966	0.16313	2.36233	4	X
K06S93O	17.4	0.15	K1128	11.237	243.740	193.353	0.829	0.14784	2.43651	5	X
K06S94K	17.9	0.15	K1128	49.172	191.549	184.690	3.514	0.18108	2.46580	4	X

K06SB0G	17.1	0.15	K1128	87.539	94.391	261.768	3.911	0.24318	2.35395	5	X
K06SB0W	16.6	0.15	K1128	49.048	297.919	81.423	7.705	0.20931	2.42535	7	X
K06SC0F	16.9	0.15	K1128	160.694	172.604	138.817	6.419	0.21349	2.20322	7	X
K06SC2N	16.1	0.15	K1128	75.805	15.214	300.450	12.553	0.18557	2.55670	4	X
K06SC5X	17.2	0.15	K1128	110.933	176.957	140.525	6.895	0.13070	2.38016	5	X
K06SC6O	17.0	0.15	K1128	98.007	259.716	119.047	6.008	0.22137	2.25797	5	X
K06SD2J	16.9	0.15	K1128	74.133	87.505	278.611	5.769	0.13614	2.37061	5	X
K06SD6M	17.4	0.15	K1128	151.275	221.804	82.596	7.873	0.15741	2.21973	4	X
K06SE8J	18.7	0.15	K1128	55.448	244.996	156.062	2.801	0.19321	2.34215	2	S
K06SE9N	17.4	0.15	K1128	333.595	301.030	216.705	5.011	0.15248	2.26499	6	X
K06SF1R	17.1	0.15	K1128	308.730	298.130	229.854	1.631	0.13327	2.29374	7	X
K06SF5E	16.6	0.15	K1128	133.142	144.088	172.923	8.774	0.07405	2.31755	5	X
K06SF7Q	17.6	0.15	K1128	2.593	270.706	170.578	4.081	0.20873	2.42871	4	X
K06SG0A	17.6	0.15	K1128	34.530	215.937	178.951	5.707	0.14531	2.46808	4	X
K06SI7K	17.0	0.15	K1128	59.566	23.665	354.958	7.136	0.11513	2.38081	6	X
K06SJ2Q	18.0	0.15	K1128	335.742	43.734	85.002	3.041	0.14616	2.33651	3	X
K06SK0B	17.3	0.15	K1128	281.747	171.477	6.590	5.398	0.04668	2.34347	6	X
K06SK0W	18.1	0.15	K1128	42.016	89.167	315.136	0.620	0.18645	2.41366	5	X
K06SL7K	17.4	0.15	K1128	91.509	216.109	113.308	2.903	0.22217	2.39286	4	X
K06SL7M	17.6	0.15	K1128	44.295	295.228	119.257	3.310	0.14916	2.34827	4	X
K06SO3N	17.7	0.15	K1128	39.149	261.757	132.474	2.146	0.18783	2.42127	5	X
K06SP7W	17.9	0.15	K1128	57.955	1.861	9.591	6.599	0.19646	2.43061	4	X
K06SP8Q	17.4	0.15	K1128	48.945	168.026	215.678	0.528	0.19590	2.43368	5	X
K06SQ7U	17.7	0.15	K1128	267.842	280.137	317.999	3.957	0.07047	2.17837	5	X
K06SR4W	16.9	0.15	K1128	76.314	165.636	225.636	5.962	0.11942	2.39475	5	X
K06SR8Z	17.8	0.15	K1128	39.120	284.617	107.285	2.222	0.19413	2.43480	4	X
K06SS0E	16.9	0.15	K1128	76.132	264.941	93.041	3.424	0.24297	2.38710	6	X
K06SS3G	17.7	0.15	K1128	76.151	319.550	49.979	3.036	0.20596	2.34156	6	X
K06SS4R	17.1	0.15	K1128	86.861	186.021	156.471	5.751	0.15122	2.37242	4	X
K06SS5E	16.5	0.15	K1128	22.642	129.577	229.456	27.795	0.41022	2.61518	2	W
K06SS6B	17.5	0.15	K1128	83.115	275.007	127.256	5.650	0.12175	2.23302	6	X
K06SS9U	17.0	0.15	K1128	88.943	221.928	107.285	10.206	0.19861	2.42095	4	X
K06ST0F	17.1	0.15	K1128	97.045	219.865	101.474	4.327	0.14445	2.39320	7	X
K06ST6U	17.2	0.15	K1128	38.603	51.968	353.468	6.695	0.10081	2.36307	3	X
K06SW2T	17.3	0.15	K1128	38.415	353.753	59.861	3.329	0.19732	2.38873	3	X
K06SY6X	17.2	0.15	K1128	34.349	33.738	330.547	6.056	0.37977	2.55467	2	X
K06SY8D	17.5	0.15	K1128	236.398	19.975	200.232	1.172	0.08846	2.34151	5	X
K06SY9O	17.2	0.15	K1128	80.409	253.919	120.528	7.919	0.22236	2.34684	5	X
K06SZ3J	17.2	0.15	K1128	42.461	344.710	53.152	5.865	0.19990	2.42499	5	X
K06SZ5T	17.5	0.15	K1128	81.158	273.909	91.239	3.442	0.23001	2.36244	4	X
K06Sa3E	16.8	0.15	K1128	28.621	226.335	161.301	5.461	0.32885	2.55324	3	X
K06Sd1C	16.6	0.15	K1128	38.547	207.541	161.238	3.602	0.02654	2.52047	4	X
K06Se1N	17.0	0.15	K1128	123.695	120.407	223.202	6.086	0.12360	2.36804	5	X
K06Se1Y	16.5	0.15	K1128	252.838	310.385	208.967	14.154	0.06159	2.57685	2	X
K06Sf2C	16.1	0.15	K1128	5.836	267.995	155.564	12.223	0.15428	2.54893	3	X
K06Sf3C	16.6	0.15	K1128	89.974	253.487	75.868	13.178	0.21969	2.41320	5	X
K06Sf3J	16.8	0.15	K1128	10.041	307.621	73.344	14.151	0.26834	2.61219	3	W
K06T02A	17.4	0.15	K1128	313.446	50.639	80.642	3.336	0.13843	2.43122	4	X
K06T28Z	17.2	0.15	K1128	57.722	139.190	189.555	2.405	0.23133	2.57330	6	X
K06T33Z	17.8	0.15	K1128	31.688	311.380	111.022	3.436	0.19949	2.39113	4	X
K06T35E	18.5	0.15	K1128	38.280	149.434	222.490	7.164	0.29776	2.52555	4	X
K06T35Y	17.6	0.15	K1128	118.736	38.826	290.257	1.176	0.22487	2.33874	4	X
K06T43M	16.9	0.15	K1128	78.853	264.535	47.901	3.717	0.13876	2.62647	5	X
K06T52X	16.9	0.15	K1128	128.439	255.497	51.407	11.249	0.20474	2.41252	4	X
K06T52Z	17.1	0.15	K1128	6.628	205.572	201.765	5.376	0.18906	2.60612	2	X
K06T54T	16.8	0.15	K1128	153.803	205.244	106.282	5.369	0.17393	2.27190	5	X
K06T62U	16.8	0.15	K1128	119.417	68.460	252.765	6.409	0.12147	2.34528	4	X
K06T73N	16.9	0.15	K1128	359.093	28.623	70.899	4.355	0.14992	2.43360	6	X
K06T75A	17.8	0.15	K1128	46.040	172.638	207.187	10.515	0.25184	2.46588	3	X
K06T76G	17.6	0.15	K1128	65.822	311.490	61.826	5.132	0.19242	2.40672	4	X
K06T81N	17.5	0.15	K1128	51.072	146.764	242.208	5.260	0.12691	2.44078	2	S
K06TA9E	16.8	0.15	K1128	270.183	102.333	86.202	3.460	0.11591	2.38552	5	X
K06TC6R	17.7	0.15	K1128	338.306	302.993	184.581	6.498	0.12080	2.39232	4	X
K06U00G	16.6	0.15	K1128	356.782	234.136	170.990	13.289	0.25659	2.63853	2	W
K06U05N	17.2	0.15	K1128	133.009	207.984	122.305	6.729	0.19669	2.27378	4	X
K06U09E	16.7	0.15	K1128	30.068	164.803	208.768	11.221	0.19515	2.60265	2	X
K06U09W	17.6	0.15	K1128	82.507	179.638	137.538	0.956	0.22632	2.53217	4	X
K06U10V	17.1	0.15	K1128	8.649	272.527	198.016	4.056	0.06516	2.31571	6	X
K06U12Y	17.4	0.15	K1128	356.682	55.927	90.193	3.369	0.09418	2.26582	6	X
K06U16J	16.4	0.15	K1128	48.204	328.456	57.988	14.631	0.02748	2.51534	5	X
K06U20X	17.8	0.15	K1128	340.313	257.279	244.140	2.124	0.09647	2.30021	5	X
K06U23E	17.6	0.15	K1128	44.548	150.195	271.354	2.232	0.16075	2.35654	6	X
K06U30T	18.0	0.15	K1128	5.673	86.519	26.696	5.981	0.07000	2.32102	4	X
K06U31R	17.8	0.15	K1128	0.715	77.125	23.868	3.688	0.08725	2.39285	3	X
K06U42F	17.4	0.15	K1128	352.839	261.131	221.798	2.284	0.13863	2.39807	6	X
K06U42N	16.4	0.15	K1128	8.598	198.648	214.894	11.003	0.22973	2.57109	4	X
K06U53V	17.3	0.15	K1128	45.615	152.047	219.394	11.222	0.20324	2.54329	2	X
K06U61R	16.2	0.15	K1128	41.398	138.186	244.372	14.156	0.11877	2.56703	2	X
K06U61U	16.5	0.15	K1128	84.639	83.274	244.156	10.200	0.29851	2.41873	3	X
K06U61V	16.4	0.15	K1128	101.952	76.853	274.277	6.249	0.14471	2.33361	5	X
K06U67N	18.1	0.15	K1128	18.952	333.504	58.821	5.796	0.28903	2.54959	3	X
K06U68B	17.3	0.15	K1128	105.784	266.256	80.657	7.185	0.13507	2.34365	6	X
K06U76L	17.4	0.15	K1128	112.574	120.244	191.024	7.029	0.12507	2.43199	6	X
K06U78D	17.2	0.15	K1128	15.674	68.390	7.469	4.830	0.10685	2.42070	3	X
K06U80F	17.5	0.15	K1128	3.689	330.210	113.761	2.443	0.15891	2.45639	4	X
K06U85H	17.9	0.15	K1128	23.293	198.759	271.789	1.386	0.11576	2.30852	3	X



K06U86W	17.5	0.15	K1128	80.758	34.795	314.798	0.476	0.19481	2.45650	6 X
K06U87J	17.0	0.15	K1128	199.499	40.875	231.185	5.436	0.09643	2.34622	4 X
K06U88C	17.6	0.15	K1128	159.909	279.006	2.491	3.701	0.20272	2.38071	5 X
K06U93A	17.7	0.15	K1128	82.082	233.871	143.278	1.725	0.17937	2.34503	7 X
K06UA4K	16.8	0.15	K1128	152.751	74.088	199.614	5.986	0.06059	2.51847	4 X
K06UA5S	16.3	0.15	K1128	86.034	113.091	195.111	7.883	0.08818	2.65144	5 X
K06UA5Z	17.5	0.15	K1128	342.677	65.382	71.229	5.828	0.17311	2.39448	6 X
K06UA6C	17.2	0.15	K1128	44.001	293.393	73.022	4.854	0.24834	2.53375	3 X
K06UA6P	17.7	0.15	K1128	342.740	31.037	127.437	3.336	0.08789	2.28088	6 X
K06UA7G	17.4	0.15	K1128	15.859	313.360	138.145	2.579	0.18154	2.41672	2 X
K06UA8E	17.3	0.15	K1128	316.433	56.924	60.749	15.774	0.06565	2.55291	5 X
K06UD0S	17.5	0.15	K1128	289.982	156.078	18.760	6.377	0.10077	2.37213	3 X
K06UD4N	17.9	0.15	K1128	350.309	329.868	138.942	2.812	0.16123	2.45101	2 S
K06UD9S	16.6	0.15	K1128	1.136	252.131	179.250	3.076	0.13632	2.56140	5 X
K06UE2J	17.3	0.15	K1128	346.478	210.650	270.443	4.265	0.16638	2.43249	3 X
K06UF5B	18.6	0.15	K1128	25.944	178.491	240.243	3.759	0.18821	2.45274	2 S
K06UF8C	17.1	0.15	K1128	82.816	312.791	42.553	5.807	0.13051	2.39582	6 X
K06UG6Q	17.9	0.15	K1128	10.075	320.945	149.523	3.570	0.11745	2.32216	3 X
K06UH1T	17.4	0.15	K1128	42.452	304.358	60.910	7.874	0.27889	2.53590	3 X
K06UH7L	17.5	0.15	K1128	94.300	275.450	85.157	4.335	0.16968	2.32922	4 X
K06UH9D	15.8	0.15	K1128	11.834	83.520	339.041	12.199	0.14836	2.53174	3 X
K06UJ6V	16.6	0.15	K1128	205.768	342.836	273.848	6.050	0.10496	2.31329	6 X
K06UJ7Y	17.4	0.15	K1128	49.819	295.811	46.717	11.305	0.21413	2.59965	2 X
K06UL4B	16.7	0.15	K1128	123.002	82.222	253.861	4.946	0.03921	2.40731	6 X
K06UL7O	15.2	0.15	K1128	337.820	248.019	245.878	28.177	0.32519	2.64508	3 X
K06UL8U	17.8	0.15	K1128	81.419	261.007	118.659	3.636	0.13447	2.29683	5 X
K06UL9M	17.6	0.15	K1128	108.483	295.321	25.023	7.386	0.17700	2.40099	5 X
K06UM1Q	17.7	0.15	K1128	33.156	183.915	244.348	4.965	0.19293	2.39393	4 X
K06UM4J	16.8	0.15	K1128	89.694	5.129	342.598	7.185	0.12350	2.40679	4 X
K06UM9A	16.0	0.15	K1128	36.850	315.007	61.629	14.667	0.11530	2.59698	2 X
K06UP9F	17.8	0.15	K1128	340.858	247.993	229.005	0.890	0.14006	2.41898	4 X
K06UQ2V	17.1	0.15	K1128	97.904	258.439	103.749	10.377	0.24708	2.33084	5 X
K06UQ3U	17.3	0.15	K1128	305.608	232.303	279.927	1.829	0.08244	2.36457	4 X
K06UQ9T	17.6	0.15	K1128	163.112	48.963	264.812	6.236	0.05314	2.31575	5 X
K06US0G	17.9	0.15	K1128	342.443	58.496	55.574	4.612	0.12763	2.46380	2 S
K06US5G	16.3	0.15	K1128	20.975	341.862	49.835	3.987	0.26117	2.60629	3 X
K06UW6N	16.3	0.15	K1128	21.258	342.290	73.454	16.984	0.24685	2.47830	3 X
K06UW8C	18.6	0.15	K1128	31.233	241.570	225.236	1.225	0.15625	2.31155	3 X
K06UW8Y	17.1	0.15	K1128	157.231	226.066	68.167	7.413	0.11840	2.42009	5 X
K06UW9F	18.3	0.15	K1128	66.893	237.627	152.924	2.270	0.20241	2.41825	3 X
K06V02H	17.4	0.15	K1128	33.221	303.478	60.779	6.420	0.31651	2.56223	3 X
K06V05V	17.9	0.15	K1128	85.459	314.886	69.961	2.333	0.20031	2.33974	4 X
K06V06U	17.0	0.15	K1128	75.174	128.058	284.528	1.268	0.20501	2.31956	5 X
K06V06X	17.2	0.15	K1128	20.131	177.494	234.756	14.394	0.22899	2.53906	2 X
K06V08J	17.1	0.15	K1128	24.404	24.366	84.532	2.195	0.13843	2.35080	5 X
K06V12P	16.1	0.15	K1128	24.714	84.095	277.027	27.687	0.34231	2.59754	3 X
K06V14B	18.5	0.15	K1128	297.514	346.431	258.759	31.018	0.42148	0.76679	3 X
K06V20E	17.2	0.15	K1128	194.457	49.647	239.379	7.150	0.23775	2.24240	4 X
K06V22L	16.8	0.15	K1128	300.861	59.098	59.153	5.351	0.13062	2.66162	3 X
K06V22R	17.0	0.15	K1128	262.617	127.986	71.817	2.417	0.13228	2.44894	5 X
K06V32Z	17.4	0.15	K1128	99.274	326.781	16.985	2.362	0.20080	2.38346	4 X
K06V36H	17.3	0.15	K1128	30.030	251.648	157.687	5.006	0.17614	2.47776	5 X
K06V36T	17.1	0.15	K1128	33.277	304.233	127.020	3.081	0.16387	2.40679	5 X
K06V42E	17.0	0.15	K1128	16.038	344.676	97.606	3.683	0.20338	2.47832	5 X
K06V44K	17.0	0.15	K1128	66.342	312.444	101.361	3.654	0.15544	2.33411	6 X
K06V45Z	17.8	0.15	K1128	56.066	31.391	2.427	2.169	0.18526	2.41646	4 X
K06V50H	17.8	0.15	K1128	64.558	95.960	288.243	1.226	0.18772	2.44934	5 X
K06V51D	16.6	0.15	K1128	70.089	102.573	256.455	3.336	0.18079	2.53706	4 X
K06V57E	16.6	0.15	K1128	94.077	137.201	194.458	1.741	0.13937	2.51681	7 X
K06V60H	16.8	0.15	K1128	94.081	203.115	116.556	2.763	0.16805	2.54203	6 X
K06V64T	17.3	0.15	K1128	38.164	261.709	118.618	0.937	0.19662	2.56824	4 X
K06V65W	17.5	0.15	K1128	193.145	38.677	234.645	5.853	0.10379	2.39378	4 X
K06V69U	16.9	0.15	K1128	106.727	267.693	77.016	4.948	0.17059	2.42261	2 S
K06V71Q	17.2	0.15	K1128	174.579	200.614	70.540	5.197	0.20857	2.42708	5 X
K06V72W	17.4	0.15	K1128	24.607	35.409	4.080	0.496	0.11801	2.58502	2 S
K06V81Q	18.0	0.15	K1128	67.660	171.418	232.215	5.799	0.09144	2.30619	5 X
K06V87F	16.7	0.15	K1128	352.644	97.262	10.671	6.956	0.20767	2.48191	3 X
K06V92H	16.5	0.15	K1128	69.287	192.209	163.299	4.767	0.18340	2.51113	4 X
K06V92V	15.7	0.15	K1128	28.599	119.025	259.772	11.272	0.22902	2.63240	2 X
K06V95P	17.1	0.15	K1128	88.001	278.388	113.533	6.040	0.16845	2.30524	6 X
K06V96L	16.8	0.15	K1128	23.979	324.934	80.784	5.025	0.18438	2.58710	5 X
K06V96Y	16.2	0.15	K1128	11.083	340.105	77.111	15.219	0.07894	2.62865	3 X
K06VA1M	17.4	0.15	K1128	38.261	300.893	124.135	3.394	0.17189	2.40468	4 X
K06VA3X	17.7	0.15	K1128	57.959	259.731	151.694	2.421	0.24587	2.39869	4 X
K06VB2H	16.2	0.15	K1128	52.417	325.686	9.258	9.400	0.31667	2.58840	3 X
K06VB2T	16.1	0.15	K1128	38.474	95.168	266.962	11.243	0.20447	2.63945	2 X
K06VC4M	18.4	0.15	K1128	3.908	87.253	37.429	1.817	0.13258	2.38373	3 X
K06VD2M	18.1	0.15	K1128	339.855	247.839	219.854	5.306	0.16806	2.54505	2 X
K06VE0Y	17.5	0.15	K1128	9.302	6.186	93.896	2.322	0.14080	2.46015	4 X
K06VE6P	16.3	0.15	K1128	309.510	49.112	116.429	7.388	0.07419	2.42533	4 X
K06VF1R	15.9	0.15	K1128	326.282	41.925	37.658	22.643	0.01133	2.66316	4 X
K06VG8K	17.2	0.15	K1128	60.209	120.083	302.602	1.421	0.17145	2.38452	5 X
K06VG9Q	16.1	0.15	K1128	3.391	272.206	159.756	12.192	0.15108	2.57773	3 X
K06VG9W	18.2	0.15	K1128	16.174	359.921	90.535	2.476	0.15359	2.46281	2 S
K06VH1A	17.1	0.15	K1128	82.956	107.996	227.006	4.331	0.22177	2.53896	4 X
K06W02A	16.5	0.15	K1128	301.350	52.240	94.452	4.300	0.13662	2.57023	5 X

K06W02G	16.7	0.15	K1128	44.591	259.025	128.762	4.073	0.15516	2.54378	4	X
K06W04N	15.2	0.15	K1128	53.424	71.236	264.278	27.994	0.35882	2.64607	4	X
K06W05M	17.1	0.15	K1128	353.494	208.325	225.409	13.676	0.04759	2.58299	3	X
K06W06J	16.4	0.15	K1128	285.919	296.937	221.515	11.334	0.11458	2.56485	5	X
K06W18S	16.5	0.15	K1128	26.334	344.958	101.548	7.254	0.06323	2.37901	4	X
K06W22F	17.7	0.15	K1128	114.089	218.011	122.371	4.412	0.18358	2.39628	6	X
K06W23F	17.2	0.15	K1128	321.297	30.345	95.426	5.595	0.16375	2.60332	3	X
K06W24X	17.1	0.15	K1128	65.157	245.067	111.629	4.908	0.22079	2.53787	2	X
K06W26P	17.0	0.15	K1128	39.035	299.766	61.793	12.541	0.29457	2.57607	2	X
K06W27X	16.8	0.15	K1128	18.572	181.525	239.398	2.284	0.05945	2.53890	5	X
K06W31N	18.1	0.15	K1128	37.156	331.938	119.392	2.860	0.14723	2.34720	4	X
K06W46M	17.2	0.15	K1128	18.606	98.270	349.927	1.590	0.08378	2.44239	4	X
K06W51Q	16.7	0.15	K1128	127.321	250.922	56.566	6.742	0.11185	2.52436	2	S
K06W56T	16.8	0.15	K1128	351.202	206.918	254.331	13.927	0.13086	2.55351	2	X
K06W58C	17.3	0.15	K1128	12.270	125.103	281.099	3.528	0.21006	2.59629	3	X
K06W60Y	16.9	0.15	K1128	14.477	5.440	93.259	6.231	0.09917	2.37328	4	X
K06W61N	15.8	0.15	K1128	129.908	106.788	183.674	3.163	0.12651	2.52775	6	X
K06W61T	16.8	0.15	K1128	14.204	332.594	85.152	11.989	0.25330	2.57781	3	X
K06W67X	17.2	0.15	K1128	67.667	224.787	113.868	4.083	0.22652	2.60983	2	X
K06W69G	16.2	0.15	K1128	58.042	270.260	88.700	12.801	0.26545	2.54705	4	X
K06W77X	16.4	0.15	K1128	95.522	255.741	56.664	13.575	0.14420	2.58245	2	X
K06W83F	17.3	0.15	K1128	15.793	210.278	247.276	4.546	0.18818	2.42177	4	X
K06W86T	16.5	0.15	K1128	48.145	118.151	254.182	3.162	0.30708	2.53888	4	X
K06W89C	15.5	0.15	K1128	345.337	19.675	87.193	33.948	0.18331	2.61068	3	X
K06W90M	16.6	0.15	K1128	351.201	236.086	225.611	2.700	0.15488	2.64709	4	X
K06W96P	16.2	0.15	K1128	236.043	172.850	59.002	8.078	0.07109	2.41585	5	X
K06WA3R	17.2	0.15	K1128	51.884	354.213	77.418	2.326	0.16128	2.37327	5	X
K06WA4K	17.9	0.15	K1128	17.841	336.850	73.464	5.121	0.24548	2.57578	2	X
K06WA6E	17.6	0.15	K1128	332.233	25.008	75.740	3.063	0.08731	2.60264	4	X
K06WA6T	16.8	0.15	K1128	304.677	332.485	173.991	6.504	0.13301	2.51207	5	X
K06WA7F	16.6	0.15	K1128	18.869	179.601	209.859	14.734	0.13610	2.62106	3	X
K06WA9K	16.3	0.15	K1128	59.026	274.746	74.443	14.522	0.29286	2.57194	4	X
K06WB0F	18.1	0.15	K1128	23.679	301.920	177.771	1.107	0.11617	2.34102	3	X
K06WB1A	16.8	0.15	K1128	66.839	206.799	142.521	1.656	0.14020	2.60814	5	X
K06WB1N	17.5	0.15	K1128	327.582	26.600	86.237	5.058	0.09677	2.59179	3	X
K06WB4A	16.7	0.15	K1128	78.492	174.779	163.320	4.582	0.13091	2.58234	5	X
K06WB7Q	16.9	0.15	K1128	14.992	131.907	286.871	15.098	0.40115	2.57784	3	X
K06WB8T	16.9	0.15	K1128	26.587	198.212	199.760	4.015	0.23819	2.59510	2	X
K06WC0P	16.8	0.15	K1128	42.725	180.439	206.454	3.864	0.05986	2.52355	6	X
K06WC0X	15.7	0.15	K1128	102.573	90.802	248.485	14.104	0.03911	2.53964	6	X
K06WC5Q	16.1	0.15	K1128	276.258	102.050	77.140	13.730	0.19269	2.60010	3	X
K06WC7P	18.2	0.15	K1128	338.654	22.915	178.339	6.080	0.76758	2.53233	4	X
K06WC8O	17.1	0.15	K1128	17.339	116.311	249.987	6.294	0.31949	2.68419	3	W
K06WD4R	17.9	0.15	K1128	2.357	192.482	284.628	4.680	0.17824	2.38486	3	X
K06WD9W	16.5	0.15	K1128	129.922	59.201	236.467	5.354	0.20583	2.52732	2	X
K06WE3P	16.3	0.15	K1128	77.637	234.626	86.299	4.538	0.23487	2.61089	4	X
K06WE3W	17.3	0.15	K1128	357.367	343.740	98.841	2.604	0.14683	2.56419	3	X
K06WE9V	17.7	0.15	K1128	39.550	150.170	271.570	4.900	0.12297	2.47981	2	S
K06WF9E	18.0	0.15	K1128	56.579	291.013	137.835	1.908	0.15809	2.36824	6	X
K06WG3G	17.1	0.15	K1128	84.083	138.088	203.294	3.358	0.05512	2.56038	2	X
K06WG5E	17.8	0.15	K1128	9.571	224.562	260.555	1.390	0.15647	2.36455	5	X
K06WH1J	16.4	0.15	K1128	219.776	139.474	72.402	12.260	0.09553	2.62452	2	X
K06WH4E	17.8	0.15	K1128	23.208	273.595	204.269	2.028	0.16457	2.35700	4	X
K06WH5R	15.5	0.15	K1128	44.780	308.391	45.179	15.894	0.17678	2.65465	3	X
K06WH5W	17.2	0.15	K1128	39.844	169.757	210.146	3.840	0.28891	2.57353	2	X
K06WH7H	16.3	0.15	K1128	15.789	294.274	115.710	7.188	0.18509	2.56956	3	X
K06WI6Q	16.0	0.15	K1128	90.797	117.490	211.895	11.688	0.12007	2.54530	2	X
K06WJ0S	16.6	0.15	K1128	56.237	281.002	69.185	5.492	0.25421	2.63819	5	X
K06WJ0X	15.9	0.15	K1128	47.279	308.666	78.878	14.569	0.09705	2.59249	5	X
K06WJ0Y	17.7	0.15	K1128	15.135	25.827	48.037	1.235	0.14697	2.55363	2	X
K06WJ2L	16.8	0.15	K1128	333.804	31.305	87.195	14.599	0.17950	2.56377	4	X
K06WJ4H	16.2	0.15	K1128	29.439	306.838	90.847	16.608	0.14503	2.60767	3	X
K06WJ5K	16.9	0.15	K1128	46.613	146.063	216.805	4.690	0.25126	2.57322	5	X
K06WK0D	17.0	0.15	K1128	357.341	334.650	97.662	3.197	0.08730	2.63342	5	X
K06WK2S	16.7	0.15	K1128	53.177	295.627	128.145	12.637	0.02665	2.62924	6	X
K06WK3W	16.7	0.15	K1128	310.534	23.670	111.521	5.968	0.05707	2.71951	5	X
K06WK4T	16.3	0.15	K1128	107.695	35.559	293.140	13.266	0.13212	2.66495	6	X
K06WK5F	15.8	0.15	K1128	173.982	184.723	79.167	13.903	0.17291	2.56990	2	X
K06X00L	15.9	0.15	K1128	19.398	134.898	269.369	12.309	0.23774	2.64304	3	X
K06X04H	17.1	0.15	K1128	19.520	29.662	75.409	3.539	0.13523	2.40934	4	X
K06X16B	17.1	0.15	K1128	21.727	339.519	93.299	4.325	0.23512	2.53365	4	X
K06X21T	16.0	0.15	K1128	226.080	128.292	82.770	13.937	0.13131	2.65907	6	X
K06X24Y	17.4	0.15	K1128	44.645	350.834	92.131	2.225	0.16055	2.38286	4	X
K06X25U	16.4	0.15	K1128	56.012	227.039	145.086	1.666	0.16347	2.52795	6	X
K06X26Z	16.4	0.15	K1128	31.621	139.497	281.383	25.877	0.29967	2.55046	3	X
K06X28Q	17.2	0.15	K1128	70.893	307.630	98.692	2.248	0.18289	2.37843	4	X
K06X28V	16.1	0.15	K1128	66.690	124.350	246.103	5.721	0.10919	2.56718	6	X
K06X29V	16.6	0.15	K1128	28.065	291.849	103.990	12.957	0.27663	2.61687	2	X
K06X34G	15.8	0.15	K1128	169.568	343.531	293.228	13.387	0.06292	2.61158	6	X
K06X37X	16.0	0.15	K1128	222.498	118.209	95.813	9.771	0.08757	2.77134	6	X
K06X43A	16.9	0.15	K1128	355.838	194.718	265.289	2.003	0.14873	2.62174	5	X
K06X49A	15.7	0.15	K1128	162.307	349.092	283.963	12.822	0.16804	2.79011	4	X
K06X49F	16.9	0.15	K1128	2.772	303.329	124.502	3.827	0.05345	2.74837	4	X
K06X51B	16.6	0.15	K1128	307.547	6.773	124.226	7.491	0.04528	2.75479	5	X
K06X53X	17.0	0.15	K1128	48.361	104.265	270.675	12.996	0.28228	2.54255	2	X
K06X56V	17.3	0.15	K1128	358.977	127.233	336.614	8.258	0.15483	2.59893	5	X

K06X57W	16.0	0.15	K1128	335.775	24.001	85.468	13.955	0.13693	2.62499	4	X
K06X58S	16.7	0.15	K1128	97.221	263.895	91.863	9.602	0.20906	2.51313	2	X
K06X60E	16.4	0.15	K1128	62.292	273.800	84.157	6.434	0.08405	2.76410	6	X
K06X61D	17.0	0.15	K1128	11.648	334.972	152.238	1.532	0.13585	2.35956	7	X
K06X62Q	17.1	0.15	K1128	15.336	319.474	93.533	5.991	0.10751	2.71270	2	X
K06X63T	16.4	0.15	K1128	32.571	278.259	117.733	13.906	0.15345	2.57910	2	X
K06X63V	16.2	0.15	K1128	300.630	80.346	80.523	9.090	0.09950	2.58827	4	X
K06X64Z	16.2	0.15	K1128	240.973	337.670	213.152	7.159	0.12779	2.68417	4	X
K06X65N	16.3	0.15	K1128	39.869	246.121	133.644	12.698	0.18656	2.59822	5	X
K06X66H	16.5	0.15	K1128	323.192	326.294	164.330	9.963	0.14982	2.57651	6	X
K06X67F	16.7	0.15	K1128	46.716	186.736	219.992	2.867	0.21630	2.55838	4	X
K06X67O	16.1	0.15	K1128	133.056	95.952	190.766	9.889	0.09169	3.04650	3	X
K06X73L	16.4	0.15	K1128	62.524	265.980	90.157	3.913	0.11274	2.75534	2	X
K06Y01O	16.9	0.15	K1128	11.552	184.546	297.724	2.857	0.15680	2.55682	7	X
K06Y04A	16.5	0.15	K1128	352.791	24.694	74.050	13.470	0.11177	2.60436	3	X
K06Y04R	16.7	0.15	K1128	331.693	206.872	302.286	2.542	0.11450	2.64265	5	X
K06Y04S	17.1	0.15	K1128	8.054	164.197	303.423	3.431	0.19035	2.60396	4	X
K06Y05E	17.1	0.15	K1128	117.346	181.104	150.874	1.657	0.12273	2.43053	5	X
K06Y07C	16.2	0.15	K1128	44.078	274.073	122.919	15.385	0.10658	2.53217	5	X
K06Y07H	15.9	0.15	K1128	76.287	173.482	176.207	5.940	0.17404	2.54022	5	X
K06Y07R	15.1	0.15	K1128	35.090	262.874	135.818	14.203	0.17279	2.56000	6	X
K06Y11U	16.8	0.15	K1128	37.497	282.301	97.996	12.346	0.25167	2.66166	2	X
K06Y12A	17.3	0.15	K1128	26.032	170.136	296.270	0.415	0.13280	2.45960	4	X
K06Y12L	16.2	0.15	K1128	283.847	43.734	111.819	14.786	0.06897	2.77076	5	X
K06Y12R	15.9	0.15	K1128	9.408	315.212	109.258	15.557	0.12865	2.70277	5	X
K06Y14K	16.2	0.15	K1128	293.550	91.956	72.260	8.995	0.10545	2.56389	5	X
K06Y14T	15.6	0.15	K1128	328.078	178.367	302.289	15.577	0.21152	2.55199	6	X
K06Y21W	16.9	0.15	K1128	25.924	325.993	82.369	6.982	0.16775	2.61576	2	X
K06Y25J	15.9	0.15	K1128	51.310	273.369	91.392	15.424	0.23849	2.66443	4	X
K06Y25R	16.6	0.15	K1128	281.727	70.992	92.230	14.939	0.05303	2.68607	4	X
K06Y33E	15.8	0.15	K1128	240.569	261.437	311.039	11.904	0.08175	2.69861	3	X
K06Y33V	17.0	0.15	K1128	32.140	65.969	346.719	4.822	0.13422	2.63521	6	X
K06Y34V	16.7	0.15	K1128	297.091	101.698	67.005	5.939	0.12727	2.65264	4	X
K06Y39C	17.1	0.15	K1128	247.629	147.681	65.644	2.632	0.15582	2.73744	5	X
K06Y42K	16.4	0.15	K1128	336.676	11.711	105.494	13.812	0.17740	2.64264	4	X
K06Y48R	16.1	0.15	K1128	349.995	331.901	135.714	16.985	0.14462	2.69854	3	X
K06Y49N	17.2	0.15	K1128	68.713	114.655	310.205	5.956	0.15290	2.43877	4	X
K06Y53J	16.4	0.15	K1128	74.830	50.445	308.156	12.018	0.12237	2.73270	3	X
K06Y53U	16.5	0.15	K1128	352.775	327.553	123.754	9.971	0.08490	2.72756	5	X
K06Y53V	16.7	0.15	K1128	255.566	118.259	124.376	8.495	0.18561	2.58195	4	X
K06Y54L	17.0	0.15	K1128	352.162	301.529	147.219	5.721	0.15099	2.70224	5	X
K07A00J	16.5	0.15	K1128	359.166	57.126	74.655	31.285	0.31646	2.59796	4	X
K07A02R	16.3	0.15	K1128	110.593	242.597	94.365	2.977	0.21341	2.47480	7	X
K07A03R	17.5	0.15	K1128	7.062	90.319	2.259	3.168	0.16059	2.59903	6	X
K07A04V	17.3	0.15	K1128	46.283	300.212	110.830	3.193	0.20249	2.52085	3	X
K07A07J	17.1	0.15	K1128	14.584	169.866	272.542	3.739	0.17454	2.57977	4	X
K07A07M	16.4	0.15	K1128	105.429	219.928	127.245	6.201	0.24829	2.52276	8	X
K07A08G	16.4	0.15	K1128	50.525	263.469	124.961	14.669	0.08949	2.69869	8	X
K07A08K	16.5	0.15	K1128	128.056	209.913	124.382	16.765	0.16968	2.57133	4	X
K07A10M	16.6	0.15	K1128	11.918	109.644	325.526	6.851	0.14001	2.63414	5	X
K07A11E	16.0	0.15	K1128	96.279	259.998	125.654	16.389	0.12685	2.47017	5	X
K07A15B	17.1	0.15	K1128	332.122	234.211	272.739	5.288	0.09153	2.53910	3	X
K07A16X	17.1	0.15	K1128	353.332	205.824	301.428	4.150	0.09738	2.45379	5	X
K07A17J	16.9	0.15	K1128	17.860	298.499	123.606	9.941	0.16602	2.68762	4	X
K07A17Q	16.3	0.15	K1128	324.435	3.226	129.866	13.181	0.12141	2.68884	6	X
K07A18Y	17.1	0.15	K1128	17.318	334.822	139.566	2.826	0.16869	2.45379	5	X
K07A19K	15.9	0.15	K1128	48.267	285.766	115.272	14.835	0.05448	2.69455	5	X
K07A19P	16.0	0.15	K1128	346.657	342.411	130.281	13.237	0.13272	2.65391	5	X
K07A25K	15.9	0.15	K1128	284.366	240.831	303.443	6.811	0.15873	2.69935	6	X
K07A25R	16.2	0.15	K1128	320.166	4.858	137.676	13.607	0.09478	2.68568	6	X
K07A28O	17.9	0.15	K1128	20.238	281.632	157.078	1.050	0.11600	2.60430	5	X
K07A28U	16.9	0.15	K1128	248.859	64.958	133.729	5.797	0.09793	2.73576	5	X
K07A30H	17.3	0.15	K1128	27.327	306.643	138.990	0.912	0.05851	2.59226	7	X
K07A31C	17.0	0.15	K1128	299.451	0.527	144.469	5.655	0.09898	2.77244	6	X
K07B00P	16.6	0.15	K1128	15.661	305.449	118.211	7.835	0.20051	2.66845	6	X
K07B01D	16.4	0.15	K1128	57.672	323.897	109.146	7.785	0.09773	2.46553	5	X
K07B03N	16.9	0.15	K1128	61.802	98.369	287.959	3.160	0.21727	2.55191	6	X
K07B05M	16.5	0.15	K1128	8.537	55.292	25.647	5.197	0.19648	2.63036	4	X
K07B08G	17.2	0.15	K1128	38.710	154.821	291.268	5.676	0.14096	2.48938	3	X
K07B08P	15.7	0.15	K1128	317.335	9.407	114.793	13.746	0.11928	2.80050	4	X
K07B08V	17.1	0.15	K1128	326.471	22.778	106.351	8.723	0.16480	2.67682	3	X
K07B11L	17.2	0.15	K1128	289.407	52.793	117.626	10.397	0.20400	2.71895	4	X
K07B14W	16.8	0.15	K1128	92.362	234.409	123.034	16.593	0.25395	2.61163	4	X
K07B15T	17.2	0.15	K1128	54.143	62.908	322.315	5.825	0.14931	2.69414	3	X
K07B20O	17.4	0.15	K1128	353.341	323.478	119.172	5.058	0.47348	2.67832	3	W
K07B21F	16.0	0.15	K1128	337.204	19.880	95.693	16.168	0.20308	2.73784	4	X
K07B27T	16.1	0.15	K1128	250.921	69.012	130.943	7.904	0.10197	2.79522	5	X
K07B27Z	16.6	0.15	K1128	77.046	19.623	323.624	5.581	0.07855	2.86629	5	X
K07B29U	16.2	0.15	K1128	2.798	15.160	86.860	4.689	0.13222	2.64960	6	X
K07B31Q	16.9	0.15	K1128	83.182	274.971	121.444	2.169	0.19204	2.44059	6	X
K07B31S	16.1	0.15	K1128	357.797	352.469	107.269	14.057	0.13309	2.66011	5	X
K07B31V	17.6	0.15	K1128	1.271	307.301	135.412	7.288	0.32546	2.67169	2	X
K07B34R	16.7	0.15	K1128	244.379	304.917	293.713	0.996	0.09746	2.57063	5	X
K07B35G	16.6	0.15	K1128	18.669	322.138	94.746	5.965	0.21637	2.68734	4	X
K07B37H	17.6	0.15	K1128	331.602	198.667	300.523	2.022	0.06691	2.60920	3	X
K07B37S	17.1	0.15	K1128	203.435	342.146	271.314	1.319	0.03642	2.69348	8	X

K07B38G	16.0	0.15	K1128	308.693	13.999	128.550	14.483	0.14452	2.73370	6	X
K07B38P	16.4	0.15	K1128	16.738	303.315	132.262	16.880	0.13546	2.65126	3	X
K07B42A	16.5	0.15	K1128	357.504	15.387	137.101	6.995	0.07583	2.46553	5	X
K07B47Q	17.0	0.15	K1128	309.654	126.491	24.105	4.056	0.03947	2.75921	4	X
K07B58V	17.0	0.15	K1128	49.545	306.225	141.699	6.633	0.14850	2.52629	4	X
K07B69Q	17.4	0.15	K1128	27.608	315.105	130.575	3.546	0.14295	2.60548	5	X
K07B74B	16.0	0.15	K1128	132.833	335.745	332.355	9.273	0.04227	2.94001	4	X
K07B74X	15.6	0.15	K1128	91.877	183.212	149.129	12.396	0.24194	2.88368	7	X
K07B78E	15.6	0.15	K1128	352.538	274.241	171.061	9.285	0.07948	3.00330	4	X
K07BA1S	17.1	0.15	K1128	320.410	0.088	155.391	7.900	0.21723	2.63354	5	X
K07C08O	16.9	0.15	K1128	183.986	174.837	120.563	10.756	0.07707	2.55511	5	X
K07C09P	17.4	0.15	K1128	40.073	126.225	291.032	2.453	0.22020	2.57285	4	X
K07C11Z	17.0	0.15	K1128	342.927	35.762	95.725	3.117	0.03633	2.67063	6	X
K07C13V	16.7	0.15	K1128	19.610	228.698	223.337	2.690	0.21898	2.56624	3	X
K07C15O	16.1	0.15	K1128	325.179	30.575	95.415	14.549	0.14032	2.71061	5	X
K07C20A	16.1	0.15	K1128	35.778	98.497	294.775	6.062	0.14251	2.76736	5	X
K07C21P	15.9	0.15	K1128	327.603	203.822	288.450	12.989	0.12992	2.70443	3	X
K07C24O	16.1	0.15	K1128	24.029	181.947	135.619	12.720	0.08984	2.72756	5	X
K07C29O	17.3	0.15	K1128	13.849	280.296	311.622	3.517	0.16201	2.46099	5	X
K07C31K	16.8	0.15	K1128	276.981	293.133	315.040	1.230	0.14106	2.46167	7	X
K07C39W	16.7	0.15	K1128	82.186	40.098	313.622	5.461	0.07269	2.85647	4	X
K07C45O	16.8	0.15	K1128	22.853	78.341	340.829	4.172	0.29898	2.64194	5	X
K07C46C	15.6	0.15	K1128	213.844	343.742	306.644	12.309	0.15589	2.55263	7	X
K07C46W	16.6	0.15	K1128	266.746	277.711	293.260	2.417	0.21441	2.76659	5	X
K07C54N	17.3	0.15	K1128	7.868	216.961	282.854	3.236	0.11069	2.54038	5	X
K07C59V	16.6	0.15	K1128	13.287	179.965	279.290	3.197	0.20337	2.61774	6	X
K07C64N	17.1	0.15	K1128	13.584	188.312	294.327	3.534	0.08708	2.58726	7	X
K07D03K	17.2	0.15	K1128	342.077	20.105	116.523	8.547	0.17655	2.62649	4	X
K07D04W	15.8	0.15	K1128	260.522	168.779	304.470	5.191	0.06732	3.19541	3	X
K07D06O	17.1	0.15	K1128	311.672	269.298	208.661	4.254	0.08557	2.98477	3	X
K07D08Q	16.5	0.15	K1128	36.336	255.147	138.862	5.511	0.08099	2.77631	4	X
K07D09K	16.5	0.15	K1128	340.480	144.239	329.120	4.106	0.06609	2.81604	3	X
K07D12C	16.2	0.15	K1128	280.015	111.224	83.276	6.472	0.08236	2.69193	4	X
K07D13P	15.9	0.15	K1128	23.012	328.185	99.885	16.543	0.27164	2.64907	2	X
K07D15J	16.7	0.15	K1128	28.367	27.752	43.295	4.528	0.27491	2.60673	2	S
K07D16V	17.6	0.15	K1128	13.502	350.878	74.390	2.970	0.04209	2.85527	2	X
K07D21J	15.9	0.15	K1128	236.378	73.750	123.881	2.676	0.08997	3.03899	6	X
K07D21P	16.0	0.15	K1128	8.956	294.152	150.932	9.347	0.11181	2.78790	6	X
K07D24T	16.5	0.15	K1128	25.958	85.303	331.496	7.178	0.18934	2.78383	5	X
K07D29J	16.0	0.15	K1128	129.836	188.134	134.258	2.881	0.08093	2.92203	7	X
K07D31C	15.7	0.15	K1128	116.105	142.831	154.736	2.259	0.09219	3.23619	5	X
K07D36E	15.2	0.15	K1128	156.946	293.586	349.446	10.568	0.07773	3.06680	5	X
K07D38D	16.3	0.15	K1128	5.939	115.798	329.000	4.952	0.04149	2.92077	5	X
K07D40W	17.5	0.15	K1128	349.300	331.374	169.184	7.906	0.13899	2.59479	5	X
K07D41T	15.9	0.15	K1128	158.650	168.612	106.483	5.266	0.06962	2.80251	7	X
K07D42J	16.7	0.15	K1128	345.283	195.383	324.612	3.726	0.12118	2.55810	5	X
K07D42N	16.8	0.15	K1128	76.217	244.917	123.579	6.230	0.29150	2.54889	4	X
K07D43D	16.8	0.15	K1128	357.872	288.193	164.536	13.047	0.26784	2.71594	2	X
K07D45U	17.4	0.15	K1128	69.275	115.508	310.989	3.751	0.13028	2.41494	5	X
K07D47N	17.5	0.15	K1128	348.281	318.522	200.648	0.380	0.14314	2.56085	6	X
K07D48G	15.8	0.15	K1128	37.724	217.707	165.906	13.755	0.15669	3.02381	5	X
K07D48X	16.1	0.15	K1128	79.719	223.840	174.681	4.501	0.02199	2.72686	4	X
K07D49R	17.8	0.15	K1128	340.272	64.372	100.008	3.154	0.12054	2.54789	4	X
K07D52Q	16.0	0.15	K1128	277.716	331.186	188.810	5.728	0.11421	3.00539	7	X
K07D58V	17.2	0.15	K1128	4.731	308.276	165.141	3.804	0.03332	2.71418	4	X
K07D60C	16.1	0.15	K1128	310.706	328.815	185.491	10.259	0.18074	2.74680	7	X
K07D63U	17.1	0.15	K1128	75.224	247.647	145.210	3.103	0.10277	2.70037	3	X
K07D74W	16.5	0.15	K1128	135.626	159.835	164.758	2.441	0.05443	2.87980	5	X
K07D75T	16.2	0.15	K1128	208.741	216.619	35.980	1.917	0.04392	2.93004	5	X
K07D77Q	15.6	0.15	K1128	86.774	165.844	170.207	15.244	0.16802	3.16437	6	X
K07D78L	16.5	0.15	K1128	11.276	296.887	150.225	14.269	0.12880	2.67434	6	X
K07D84N	16.9	0.15	K1128	80.565	86.273	299.930	5.445	0.04791	2.70967	6	X
K07D86A	16.3	0.15	K1128	162.432	303.469	340.608	8.287	0.07699	2.93323	6	X
K07D86P	16.2	0.15	K1128	209.356	68.732	145.431	2.585	0.13786	3.08645	3	X
K07D92R	15.9	0.15	K1128	180.267	271.555	347.349	9.679	0.22434	3.14147	5	X
K07DA4L	15.2	0.15	K1128	19.001	25.390	72.686	28.173	0.07736	2.59015	5	X
K07DB2V	15.8	0.15	K1128	283.439	103.926	111.241	14.778	0.10421	2.67390	4	X
K07DB3G	16.8	0.15	K1128	309.868	96.776	99.223	15.834	0.26030	2.66344	2	X
K07DB4T	17.2	0.15	K1128	344.480	323.974	172.393	3.530	0.03797	2.77439	5	X
K07E00E	17.4	0.15	K1128	37.892	165.178	281.296	1.589	0.16635	2.58928	5	X
K07E01Y	17.0	0.15	K1128	319.113	309.027	169.505	0.433	0.13745	2.92686	4	X
K07E08O	15.6	0.15	K1128	104.160	328.958	2.199	9.245	0.05445	3.14238	5	X
K07E10Y	16.6	0.15	K1128	352.072	304.865	165.472	11.219	0.18746	2.69476	4	X
K07E14X	16.9	0.15	K1128	300.247	35.896	165.834	3.028	0.24424	2.66109	4	X
K07E25C	15.1	0.15	K1128	230.659	33.323	189.615	9.465	0.04548	3.13223	6	X
K07E25E	16.2	0.15	K1128	270.019	357.550	188.009	3.803	0.22125	3.04649	4	X
K07E38Z	16.0	0.15	K1128	249.919	9.188	174.668	7.705	0.06736	3.09981	5	X
K07E39F	14.9	0.15	K1128	236.802	248.120	307.164	11.461	0.10827	3.09671	4	X
K07E42C	16.1	0.15	K1128	9.999	255.448	180.132	11.362	0.05829	3.00539	4	X
K07E43V	15.7	0.15	K1128	250.211	358.729	189.094	9.702	0.09239	3.12246	6	X
K07E51S	15.8	0.15	K1128	5.477	315.849	106.891	6.328	0.13101	3.05244	5	X
K07E53L	15.5	0.15	K1128	206.389	250.124	357.009	6.363	0.15814	3.11014	5	X
K07E54A	16.0	0.15	K1128	251.177	25.630	155.535	4.058	0.08584	3.23301	7	X
K07E57Y	16.4	0.15	K1128	348.643	346.432	137.173	13.361	0.21893	2.65482	3	X
K07E65U	16.0	0.15	K1128	205.288	92.336	156.644	10.394	0.12744	3.07406	5	X
K07E68Y	16.5	0.15	K1128	220.504	196.789	33.970	4.010	0.15404	3.10324	3	X

K07E73D	16.8	0.15	K1128	196.308	111.155	174.335	5.906	0.05687	2.85042	4	X
K07E83A	16.6	0.15	K1128	7.683	271.553	159.088	9.579	0.16269	2.76684	4	X
K07E85T	15.5	0.15	K1128	259.794	43.334	152.960	10.210	0.04678	3.06063	5	X
K07E86J	15.1	0.15	K1128	237.031	2.000	208.873	17.054	0.15844	3.14029	8	X
K07E92M	15.4	0.15	K1128	226.046	319.105	349.351	7.345	0.21439	2.47188	5	X
K07E99N	16.9	0.15	K1128	137.649	193.730	160.937	2.101	0.10470	2.69828	5	X
K07EA0T	16.5	0.15	K1128	197.842	85.235	148.457	6.497	0.06757	3.04026	4	X
K07ED0Y	15.5	0.15	K1128	134.975	300.652	357.815	10.043	0.05958	3.11611	3	X
K07EE0A	16.8	0.15	K1128	5.716	296.782	159.661	9.852	0.09465	2.68062	5	X
K07EE8M	17.1	0.15	K1128	21.417	352.473	90.698	3.753	0.23218	2.71358	2	X
K07EE9U	16.7	0.15	K1128	102.964	256.948	135.051	6.252	0.04913	2.67244	5	X
K07EG9N	16.4	0.15	K1128	238.197	131.666	75.803	1.932	0.12845	3.17996	6	X
K07EH1E	17.4	0.15	K1128	12.108	298.155	175.302	7.177	0.11612	2.59220	4	X
K07EH3A	15.2	0.15	K1128	288.881	309.448	199.783	9.355	0.02993	3.14808	5	X
K07EI2T	15.3	0.15	K1128	248.059	351.999	207.958	13.841	0.15352	3.16228	9	X
K07EI3C	17.1	0.15	K1128	47.454	307.616	136.272	3.887	0.09804	2.59908	4	X
K07EI7O	15.8	0.15	K1128	327.565	100.186	20.652	9.233	0.06252	2.90094	5	X
K07EJ6L	15.2	0.15	K1128	245.028	189.408	19.657	10.666	0.05844	3.10543	6	X
K07EJ7F	16.6	0.15	K1128	286.265	241.906	308.689	0.947	0.06827	2.92080	5	X
K07EK9Y	16.9	0.15	K1128	37.104	342.052	133.031	7.525	0.09759	2.46295	6	X
K07EL0C	17.5	0.15	K1128	339.978	225.311	278.678	4.091	0.20962	2.63427	4	X
K07EL4X	16.6	0.15	K1128	327.228	103.718	40.879	2.338	0.07021	2.92001	7	X
K07EL5U	15.0	0.15	K1128	353.244	305.918	132.579	11.010	0.04570	3.08078	3	X
K07EM00	16.2	0.15	K1128	164.800	78.560	202.655	11.319	0.07566	3.23411	4	X
K07F00Y	16.3	0.15	K1128	215.428	186.510	56.292	2.721	0.12335	2.98477	6	X
K07F02C	15.2	0.15	K1128	190.069	124.512	134.967	17.273	0.19948	3.12290	5	X
K07F02X	16.1	0.15	K1128	32.729	2.356	104.302	15.031	0.19788	2.57534	3	X
K07F16J	16.0	0.15	K1128	188.982	50.188	181.017	1.043	0.10678	3.11800	5	X
K07F18K	15.1	0.15	K1128	277.780	103.613	57.232	13.009	0.18398	3.14339	5	X
K07F21F	17.4	0.15	K1128	290.375	52.299	162.338	4.610	0.21404	2.65355	3	X
K07F42E	15.3	0.15	K1128	198.403	51.621	188.971	8.974	0.02413	3.13132	6	X
K07F49U	15.8	0.15	K1128	284.847	108.558	117.162	9.536	0.09198	2.78143	7	X
K07G10Y	15.4	0.15	K1128	70.975	189.640	166.006	16.034	0.10050	3.21285	3	X
K07G13R	15.9	0.15	K1128	262.625	5.889	165.548	5.510	0.07916	3.12123	6	X
K07G18U	16.4	0.15	K1128	4.748	119.556	36.195	14.190	0.11310	2.67654	4	X
K07G27O	15.2	0.15	K1128	221.037	147.856	110.590	9.963	0.08985	3.09078	5	X
K07G37V	16.3	0.15	K1128	115.647	335.611	60.326	5.797	0.07148	2.74891	6	X
K07G41T	15.8	0.15	K1128	196.678	219.076	48.218	0.620	0.04955	3.16884	7	X
K07G42E	17.5	0.15	K1128	13.115	186.456	305.194	0.647	0.22572	2.66279	5	X
K07G46F	15.6	0.15	K1128	292.910	117.526	46.418	17.121	0.06762	3.17881	4	X
K07G58X	16.1	0.15	K1128	254.527	192.274	4.209	9.298	0.07790	3.01157	4	X
K07G61F	17.0	0.15	K1128	333.718	116.156	19.354	7.714	0.26299	2.86237	3	X
K07G62H	16.9	0.15	K1128	328.457	244.756	293.297	3.340	0.06747	2.77366	4	X
K07G68G	15.7	0.15	K1128	161.343	73.663	187.606	8.227	0.02625	3.47140	5	X
K07H01O	15.0	0.15	K1128	303.594	121.999	32.050	11.113	0.07133	3.05485	7	X
K07H12V	15.7	0.15	K1128	308.697	105.687	37.480	9.521	0.08528	3.06052	3	X
K07H13E	15.8	0.15	K1128	296.831	104.706	66.717	4.314	0.16766	2.98268	6	X
K07H48V	15.3	0.15	K1128	327.595	272.323	212.006	25.611	0.19412	3.05209	4	X
K07H53G	15.7	0.15	K1128	278.845	102.910	62.908	18.446	0.21290	3.21500	2	X
K07H54B	15.5	0.15	K1128	325.899	48.531	72.337	6.727	0.02261	3.13708	2	X
K07H58U	15.3	0.15	K1128	262.782	125.740	80.168	14.145	0.21779	3.05618	4	X
K07H71Y	15.4	0.15	K1128	265.270	143.742	48.687	12.265	0.10182	3.16024	5	X
K07H79M	16.6	0.15	K1128	292.534	95.535	133.498	10.507	0.19062	2.75171	5	X
K07H80U	16.3	0.15	K1128	88.434	175.187	207.233	4.694	0.06197	3.03197	4	X
K07H86R	16.5	0.15	K1128	331.174	56.501	118.805	4.454	0.13605	2.79847	5	X
K07H88M	15.9	0.15	K1128	254.654	22.469	207.426	2.196	0.06654	3.04010	7	X
K07J02H	15.6	0.15	K1128	124.799	242.341	127.355	17.437	0.04870	3.08941	6	X
K07J02M	15.8	0.15	K1128	235.880	115.660	142.636	8.018	0.22342	3.05451	6	X
K07J02V	15.5	0.15	K1128	315.652	63.245	92.531	6.869	0.04535	3.12206	6	X
K07J20W	14.9	0.15	K1128	184.947	189.223	97.102	17.675	0.07220	3.12950	6	X
K07J22A	15.0	0.15	K1128	163.124	210.258	125.899	10.862	0.09837	3.06850	6	X
K07J35H	14.8	0.15	K1128	245.893	337.912	222.501	26.864	0.13877	3.21014	6	X
K07J36Z	15.3	0.15	K1128	229.328	143.122	98.118	9.996	0.04527	3.17035	4	X
K07K05Y	15.9	0.15	K1128	324.447	262.744	229.132	13.925	0.26806	3.09357	3	X
K07K07Y	15.9	0.15	K1128	354.299	44.931	147.587	4.165	0.20917	2.59377	7	X
K07K08T	15.4	0.15	K1128	241.693	144.640	93.152	8.869	0.12609	3.02035	6	X
K07L00Q	16.4	0.15	K1128	339.625	54.747	165.663	7.147	0.19163	2.56792	3	X
K07L04N	15.0	0.15	K1128	4.271	239.723	228.416	13.512	0.11058	3.17672	6	X
K07L07H	16.8	0.15	K1128	36.458	4.104	136.444	5.197	0.22494	2.57729	4	X
K07L07X	16.6	0.15	K1128	329.710	282.381	217.284	23.970	0.24067	3.10935	3	X
K07L08K	16.1	0.15	K1128	265.741	121.323	108.867	10.438	0.09770	3.03128	5	X
K07P17Z	15.1	0.15	K1128	267.281	309.203	313.519	14.717	0.17784	3.13992	8	X
K07RF4R	13.5	0.15	K1128	33.795	271.577	150.626	4.499	0.06635	5.14944	4	X
K07RM6U	14.2	0.15	K1128	29.403	292.379	146.802	5.103	0.01079	5.20362	7	X
K07RV7U	17.0	0.15	K1128	91.227	160.551	201.870	21.874	0.06199	1.91064	5	X
K07T12X	17.0	0.15	K1128	51.186	293.571	25.468	7.764	0.25022	2.20496	5	W
K07Tb4D	15.2	0.15	K1128	8.601	281.358	119.614	22.427	0.31249	2.38002	5	W
K07U07L	17.3	0.15	K1128	38.611	186.709	236.548	19.445	0.08240	1.96651	5	X
K07V06C	13.3	0.15	K1128	344.593	227.200	216.506	5.455	0.04613	5.17651	6	X
K07V83J	17.2	0.15	K1128	50.987	297.611	84.182	7.155	0.14856	2.21028	3	X
K07VM6W	17.0	0.15	K1128	353.391	349.686	108.775	6.365	0.15673	2.21353	3	X
K07VV6G	18.0	0.15	K1128	70.117	272.697	93.344	3.811	0.04641	2.12149	5	X
K07VX1E	17.2	0.15	K1128	28.435	301.291	100.755	5.122	0.14272	2.20267	6	X
K07VX5N	15.9	0.15	K1128	69.244	26.939	319.800	11.154	0.15050	2.54789	4	X
K07W49Y	17.4	0.15	K1128	52.160	179.770	140.565	2.757	0.24098	2.27218	2	W
K07X09Y	21.0	0.15	K1128	44.738	126.979	234.339	3.337	0.61974	2.04768	2	W

K07X31K	17.8	0.15	K1128	28.767	299.020	106.966	3.583	0.12669	2.23838	4	X
K07X33P	17.6	0.15	K1128	356.461	20.306	45.519	3.863	0.11654	2.21146	5	X
K07X48G	16.9	0.15	K1128	312.416	47.185	81.276	6.198	0.05718	2.23000	3	X
K07Y11D	17.8	0.15	K1128	358.714	12.748	76.331	4.994	0.20386	2.26210	2	X
K07Y12O	16.8	0.15	K1128	135.103	217.691	57.183	8.059	0.20054	2.44463	5	X
K07Y31A	17.3	0.15	K1128	238.456	113.223	86.895	6.076	0.02443	2.17720	2	X
K07Y38W	17.7	0.15	K1128	102.359	249.857	75.695	5.451	0.21660	2.21271	4	X
K08A08J	17.6	0.15	K1128	263.940	50.730	128.194	6.776	0.04154	2.30593	5	X
K08A13W	17.3	0.15	K1128	152.255	117.473	161.840	3.693	0.04049	2.33322	5	X
K08A16H	17.8	0.15	K1128	281.882	1.012	171.027	3.152	0.17460	2.28214	4	X
K08A20D	17.8	0.15	K1128	2.987	312.729	131.890	7.674	0.15270	2.20723	4	X
K08A25J	18.1	0.15	K1128	24.426	339.554	45.828	2.297	0.18673	2.40236	5	X
K08A53O	18.0	0.15	K1128	44.721	272.975	105.413	1.472	0.15553	2.26709	4	X
K08A68K	16.9	0.15	K1128	26.492	285.028	122.555	6.734	0.10917	2.29792	3	X
K08A69P	17.2	0.15	K1128	340.334	346.385	124.667	5.683	0.06841	2.27592	5	X
K08A74E	17.4	0.15	K1128	310.180	311.408	162.748	1.440	0.13085	2.40007	4	X
K08A83X	17.5	0.15	K1128	51.096	146.058	302.202	15.973	0.10022	2.00062	3	X
K08A87L	17.2	0.15	K1128	123.894	23.713	292.944	6.405	0.12417	2.34769	6	X
K08AB7M	17.6	0.15	K1128	349.675	100.269	311.968	22.422	0.19118	2.36206	2	W
K08B08Y	16.9	0.15	K1128	264.638	103.636	88.413	6.171	0.17478	2.34376	2	X
K08B10E	17.5	0.15	K1128	283.148	110.870	65.173	4.266	0.08689	2.28621	5	X
K08B14Y	17.6	0.15	K1128	253.556	77.025	108.767	2.082	0.12631	2.35511	6	X
K08B15B	17.0	0.15	K1128	201.843	109.847	131.941	7.534	0.07954	2.29446	4	X
K08B19D	17.2	0.15	K1128	217.511	122.913	100.371	10.161	0.05373	2.26459	5	X
K08B21U	17.3	0.15	K1128	260.035	249.093	320.180	1.560	0.15729	2.32895	5	X
K08B23G	17.7	0.15	K1128	278.658	26.581	137.844	1.691	0.14988	2.41000	4	X
K08B24W	17.0	0.15	K1128	217.897	97.476	132.541	6.048	0.11764	2.34850	5	X
K08B30E	17.5	0.15	K1128	20.451	275.974	148.391	6.900	0.17848	2.21390	4	X
K08B33F	17.3	0.15	K1128	11.073	81.985	336.380	4.969	0.23829	2.33924	2	X
K08B33W	17.6	0.15	K1128	301.354	31.413	128.620	5.056	0.18610	2.29088	4	X
K08B33Y	16.8	0.15	K1128	304.633	25.475	125.503	5.343	0.04748	2.31257	2	S
K08B34D	16.6	0.15	K1128	180.814	311.444	317.612	5.118	0.11156	2.44303	4	X
K08B35X	17.5	0.15	K1128	339.592	18.139	85.119	2.336	0.13684	2.36316	2	X
K08B38T	17.9	0.15	K1128	328.702	308.912	165.074	4.480	0.08328	2.36777	4	X
K08B39P	17.5	0.15	K1128	21.211	77.240	354.768	6.883	0.06806	2.20673	3	X
K08B39Q	17.8	0.15	K1128	305.964	59.451	82.113	5.690	0.10752	2.27914	3	X
K08B47N	17.7	0.15	K1128	329.529	325.338	164.425	5.348	0.12887	2.34767	3	X
K08B47S	16.1	0.15	K1128	206.729	95.452	152.294	13.689	0.17234	2.70970	5	X
K08B52U	16.9	0.15	K1128	240.966	119.218	85.129	7.335	0.08226	2.37557	3	X
K08C04J	16.7	0.15	K1128	332.298	336.957	145.715	8.323	0.07861	2.26752	6	X
K08C12Q	17.7	0.15	K1128	154.947	205.566	117.429	6.136	0.01623	2.20434	5	X
K08C17V	15.9	0.15	K1128	96.393	64.963	266.010	0.940	0.15291	2.53277	7	X
K08C23G	17.3	0.15	K1128	300.238	340.613	161.418	1.432	0.12439	2.36509	6	X
K08C23L	17.0	0.15	K1128	209.526	288.641	311.997	7.512	0.15347	2.42503	4	X
K08C24C	16.6	0.15	K1128	126.391	334.929	338.742	5.788	0.11692	2.45186	5	X
K08C24G	17.6	0.15	K1128	24.174	284.083	124.540	3.244	0.18351	2.34405	5	X
K08C24S	17.6	0.15	K1128	309.636	40.668	108.168	3.458	0.15656	2.31104	5	X
K08C25C	17.9	0.15	K1128	325.567	37.172	87.617	3.166	0.15588	2.32349	3	X
K08C42R	17.8	0.15	K1128	59.055	159.157	244.489	3.553	0.08025	2.26693	6	X
K08C43E	15.8	0.15	K1128	87.000	194.318	144.028	13.627	0.16007	2.55998	6	X
K08C44K	17.3	0.15	K1128	25.549	18.529	40.856	2.828	0.16449	2.31430	2	X
K08C44S	16.6	0.15	K1128	263.354	109.607	87.830	2.871	0.09641	2.36581	5	X
K08C45V	15.4	0.15	K1128	132.054	133.194	158.450	12.001	0.18375	2.52304	6	X
K08C47A	16.5	0.15	K1128	36.281	176.382	187.271	5.990	0.08326	2.76922	3	X
K08C49J	17.0	0.15	K1128	351.310	345.090	107.398	7.703	0.06738	2.30294	5	X
K08C56J	17.2	0.15	K1128	236.523	17.254	188.013	2.577	0.11853	2.38783	5	X
K08C61U	17.3	0.15	K1128	227.213	78.195	152.345	7.060	0.04501	2.37791	4	X
K08C64Q	17.9	0.15	K1128	14.746	134.555	286.879	3.991	0.15088	2.29484	2	S
K08C86G	17.3	0.15	K1128	317.437	56.081	74.301	3.206	0.15056	2.34213	4	X
K08C96N	17.3	0.15	K1128	77.945	265.308	81.538	5.274	0.09424	2.29965	5	X
K08CA3F	16.4	0.15	K1128	77.721	161.553	174.435	12.185	0.20028	2.58614	5	X
K08CA5O	16.8	0.15	K1128	171.935	270.958	1.200	7.142	0.13175	2.42740	6	X
K08CB5Z	17.3	0.15	K1128	213.091	168.296	112.917	8.703	0.14748	2.25104	4	X
K08CB6Z	17.7	0.15	K1128	345.323	94.323	19.245	7.370	0.05829	2.28092	3	X
K08CC4L	17.5	0.15	K1128	328.231	275.213	196.256	1.805	0.10685	2.33835	4	X
K08CD1U	17.3	0.15	K1128	287.431	170.397	2.507	1.930	0.16060	2.32346	4	X
K08CD7C	17.4	0.15	K1128	320.419	334.636	149.092	5.857	0.07152	2.32084	3	X
K08CD7H	17.3	0.15	K1128	336.593	296.727	169.981	4.083	0.11112	2.30437	6	X
K08CE1Q	18.0	0.15	K1128	20.373	245.801	199.870	2.394	0.09199	2.25699	6	X
K08CE4B	16.4	0.15	K1128	78.983	170.019	176.046	4.195	0.06935	2.57039	6	X
K08CE7K	17.4	0.15	K1128	7.764	275.235	168.220	8.649	0.14288	2.26901	6	X
K08CF9C	17.4	0.15	K1128	294.224	262.536	266.631	4.193	0.03805	2.31490	3	X
K08CH5H	16.9	0.15	K1128	289.537	65.058	84.804	8.117	0.04973	2.30549	4	X
K08CH6E	16.7	0.15	K1128	323.248	60.883	63.786	5.824	0.09879	2.34667	5	X
K08CJ1V	17.7	0.15	K1128	345.877	292.131	163.999	4.601	0.09049	2.35151	3	X
K08CJ2B	17.8	0.15	K1128	328.735	179.116	314.381	5.299	0.09667	2.29009	6	X
K08CJ2Y	17.7	0.15	K1128	197.648	23.624	228.711	1.933	0.19073	2.46119	4	X
K08CJ3X	16.8	0.15	K1128	138.053	148.318	135.737	5.367	0.08240	2.72413	6	X
K08CJ7B	17.5	0.15	K1128	91.006	194.773	156.526	7.432	0.12950	2.35092	4	X
K08CJ7G	18.0	0.15	K1128	359.579	297.564	150.961	2.735	0.14354	2.31284	2	X
K08CJ8O	18.3	0.15	K1128	259.150	14.604	188.808	0.894	0.12409	2.33901	4	X
K08CK0E	16.6	0.15	K1128	98.466	78.953	267.057	1.384	0.16651	2.51779	8	X
K08CK3L	16.8	0.15	K1128	115.027	184.549	140.619	9.448	0.11834	2.53252	5	X
K08CL0L	17.8	0.15	K1128	328.709	258.629	202.708	2.079	0.18529	2.37677	2	X
K08CL0R	15.7	0.15	K1128	108.276	217.593	115.183	6.720	0.27658	2.52053	6	X
K08CL3S	16.9	0.15	K1128	344.702	289.928	166.381	6.416	0.06902	2.34257	3	X

K08CL5M	16.4	0.15	K1128	213.804	154.646	96.297	7.229	0.08322	2.34644	3	X
K08D03V	17.6	0.15	K1128	32.630	279.700	122.491	3.744	0.16976	2.32193	3	X
K08D06O	18.3	0.15	K1128	288.709	18.787	141.121	2.927	0.13402	2.30908	3	X
K08D07L	17.4	0.15	K1128	28.136	247.568	158.471	3.223	0.16489	2.30433	4	X
K08D08A	17.2	0.15	K1128	292.049	85.166	87.480	4.041	0.11460	2.31420	5	X
K08D08G	18.0	0.15	K1128	20.967	257.962	159.741	4.952	0.09607	2.38595	4	X
K08D08O	16.8	0.15	K1128	201.434	124.533	145.344	4.652	0.09579	2.34659	7	X
K08D19L	17.6	0.15	K1128	358.128	258.099	245.864	1.046	0.04231	2.17665	5	X
K08D23C	15.8	0.15	K1128	195.290	326.966	290.255	10.772	0.29526	2.61668	6	X
K08D33B	17.1	0.15	K1128	20.863	325.334	96.945	3.036	0.18983	2.33458	4	X
K08D36O	17.3	0.15	K1128	355.405	276.114	178.485	5.959	0.11078	2.37336	4	X
K08D37X	16.3	0.15	K1128	183.773	278.603	344.135	6.990	0.24183	2.65375	3	X
K08D39E	16.9	0.15	K1128	133.922	120.879	179.715	13.383	0.20144	2.76024	3	X
K08D46Y	17.1	0.15	K1128	349.867	60.279	57.746	3.341	0.13745	2.31477	5	X
K08D47E	17.3	0.15	K1128	303.394	54.015	116.291	3.542	0.10301	2.34616	6	X
K08D48E	17.1	0.15	K1128	313.429	354.298	144.967	3.223	0.12392	2.37457	6	X
K08D50K	16.8	0.15	K1128	308.305	45.626	102.957	3.143	0.13191	2.36041	5	X
K08D53E	16.5	0.15	K1128	58.266	185.304	186.960	10.306	0.11350	2.56354	5	X
K08D55G	17.4	0.15	K1128	278.669	0.498	179.404	5.067	0.25735	2.38503	4	X
K08D56C	17.7	0.15	K1128	18.011	24.538	82.487	4.002	0.11746	2.23781	5	X
K08D58P	17.8	0.15	K1128	231.817	355.864	249.940	1.923	0.07312	2.19633	5	X
K08D60H	16.6	0.15	K1128	219.924	53.642	183.864	10.937	0.06885	2.39771	6	X
K08D69O	16.7	0.15	K1128	151.108	174.561	92.930	3.268	0.04906	2.69652	5	X
K08D70K	17.0	0.15	K1128	204.872	109.230	129.328	8.176	0.08994	2.41383	5	X
K08D70Y	17.0	0.15	K1128	233.928	168.907	50.921	12.172	0.07731	2.38021	4	X
K08D78W	16.2	0.15	K1128	268.200	145.385	49.782	13.626	0.15039	2.38079	5	X
K08D79F	15.7	0.15	K1128	182.626	119.967	124.064	7.619	0.18976	2.75484	6	X
K08D80T	17.8	0.15	K1128	248.615	130.566	95.459	3.073	0.15166	2.39229	5	X
K08D82D	17.0	0.15	K1128	183.026	249.546	11.680	7.548	0.13232	2.60226	4	X
K08D83B	16.9	0.15	K1128	171.196	204.045	67.984	2.245	0.08284	2.54324	5	X
K08D83K	17.3	0.15	K1128	340.083	156.705	319.230	3.994	0.09922	2.38695	3	X
K08E06E	17.0	0.15	K1128	28.876	325.730	113.944	7.356	0.07050	2.29209	7	X
K08E06U	16.4	0.15	K1128	171.840	116.922	133.718	4.805	0.09034	2.68275	5	X
K08E07W	16.8	0.15	K1128	309.561	30.973	117.975	3.213	0.13124	2.36312	3	X
K08E14F	17.0	0.15	K1128	237.143	85.092	130.993	6.993	0.11960	2.46909	2	X
K08E23F	17.5	0.15	K1128	272.497	161.771	33.198	8.647	0.14008	2.34226	4	X
K08E29A	16.8	0.15	K1128	201.315	214.146	32.534	12.338	0.13712	2.66496	4	X
K08E29V	16.9	0.15	K1128	158.148	105.835	180.345	8.013	0.16103	2.73357	3	X
K08E31Z	17.4	0.15	K1128	33.860	155.499	274.810	3.877	0.17681	2.19260	4	X
K08E39M	17.1	0.15	K1128	253.941	337.129	260.830	4.719	0.19875	2.27279	6	X
K08E44B	16.7	0.15	K1128	111.660	123.411	161.635	3.784	0.06228	2.78955	4	X
K08E54U	16.6	0.15	K1128	203.234	161.410	150.871	5.665	0.18075	2.29402	5	X
K08E59L	17.3	0.15	K1128	223.154	253.200	358.599	2.179	0.12485	2.36731	6	X
K08E70C	17.8	0.15	K1128	355.073	191.102	273.964	4.728	0.14684	2.20993	2	X
K08E79Z	17.8	0.15	K1128	301.034	52.365	89.684	2.377	0.13217	2.46159	5	X
K08E82X	17.3	0.15	K1128	281.087	303.372	288.521	4.957	0.10573	2.16891	6	X
K08E83J	16.7	0.15	K1128	308.702	225.038	294.255	6.739	0.07453	2.26885	6	X
K08E83X	17.0	0.15	K1128	205.231	65.386	185.842	9.293	0.06713	2.38009	8	X
K08E92C	17.3	0.15	K1128	289.760	40.782	113.959	3.126	0.11395	2.40299	6	X
K08E92E	18.0	0.15	K1128	257.208	153.079	64.401	2.842	0.17860	2.33048	5	X
K08EA7F	17.1	0.15	K1128	77.748	271.824	65.493	6.764	0.06671	2.74384	3	X
K08EA7L	16.4	0.15	K1128	156.741	179.935	86.400	5.894	0.07001	2.71720	4	X
K08EB6M	17.0	0.15	K1128	355.981	292.266	167.713	7.254	0.17432	2.35801	5	X
K08EB9P	17.4	0.15	K1128	1.108	274.223	165.031	5.723	0.07423	2.47707	5	X
K08EC0P	16.2	0.15	K1128	101.364	201.083	154.992	2.904	0.19773	2.46591	8	X
K08EC3H	17.3	0.15	K1128	284.882	350.242	186.185	5.647	0.17141	2.43588	5	X
K08EC8M	16.8	0.15	K1128	320.256	89.417	55.077	3.350	0.09508	2.32714	3	X
K08EC9X	16.2	0.15	K1128	52.540	232.272	140.412	9.113	0.26847	2.57643	2	S
K08ED0K	16.8	0.15	K1128	148.899	147.478	130.873	4.388	0.04038	2.62918	5	X
K08ED3W	17.5	0.15	K1128	132.215	86.838	252.855	5.572	0.04722	2.25147	5	X
K08ED8Y	17.6	0.15	K1128	293.077	200.419	336.284	5.513	0.13552	2.37255	4	X
K08EE0H	17.2	0.15	K1128	196.516	137.478	150.217	4.387	0.19985	2.32338	8	X
K08EE1R	16.6	0.15	K1128	31.752	25.589	24.834	6.723	0.19986	2.31687	4	X
K08EE2T	19.0	0.15	K1128	14.688	354.231	105.963	3.677	0.23016	2.19369	2	X
K08EE3A	17.2	0.15	K1128	301.843	90.806	94.803	7.380	0.13389	2.30185	6	X
K08EF2E	16.4	0.15	K1128	43.876	196.761	192.701	15.624	0.14586	2.57240	2	S
K08EG5R	15.7	0.15	K1128	135.595	211.793	74.066	15.283	0.21790	2.86414	2	X
K08EG5V	16.0	0.15	K1128	178.550	142.338	112.699	9.684	0.13303	2.75768	9	X
K08EG6D	16.7	0.15	K1128	54.804	347.074	25.521	8.640	0.09667	2.74883	4	X
K08F08R	18.5	0.15	K1128	338.382	56.737	70.091	1.880	0.12714	2.25194	5	X
K08F15H	16.7	0.15	K1128	153.693	216.481	132.662	7.439	0.12037	2.33948	5	X
K08F16S	16.9	0.15	K1128	95.191	217.920	150.300	3.467	0.14692	2.32000	5	X
K08F24G	16.5	0.15	K1128	20.962	256.356	150.828	7.147	0.05534	2.70503	2	X
K08F28A	15.8	0.15	K1128	92.965	172.330	171.163	9.758	0.02882	2.83643	5	X
K08F37X	17.5	0.15	K1128	251.595	97.204	88.064	3.079	0.13252	2.61660	4	X
K08F38T	17.9	0.15	K1128	320.111	359.015	139.652	4.206	0.22861	2.37026	3	X
K08F39W	18.2	0.15	K1128	309.281	56.340	121.790	2.302	0.19823	2.28692	4	X
K08F39X	16.7	0.15	K1128	74.175	261.651	95.840	3.369	0.08782	2.72105	5	X
K08F42J	16.9	0.15	K1128	45.043	195.070	189.238	3.520	0.13983	2.54277	4	X
K08F46L	18.2	0.15	K1128	333.244	319.987	162.271	4.001	0.19105	2.31516	4	X
K08F53B	16.7	0.15	K1128	296.070	350.929	159.686	4.324	0.14576	2.54512	2	X
K08F53U	18.0	0.15	K1128	236.437	151.572	64.425	2.484	0.10368	2.57080	2	S
K08F53Z	17.9	0.15	K1128	265.881	64.686	160.850	2.178	0.11348	2.34522	6	X
K08F55P	16.5	0.15	K1128	113.127	111.221	197.226	15.704	0.28357	3.11871	3	X
K08F57M	17.6	0.15	K1128	320.091	7.715	163.217	2.782	0.10692	2.32459	7	X
K08F60J	16.1	0.15	K1128	153.048	124.605	165.694	12.241	0.12912	2.69004	4	X

K08F60W	16.6	0.15	K1128	319.488	11.739	115.039	3.338	0.05501	2.66918	5 X
K08F61D	15.8	0.15	K1128	262.155	159.480	39.585	14.635	0.09476	2.57359	4 X
K08F61J	16.5	0.15	K1128	122.533	238.591	75.565	3.760	0.02429	2.61246	6 X
K08F63C	16.9	0.15	K1128	9.970	315.552	126.250	6.558	0.09654	2.48069	5 X
K08F66M	16.5	0.15	K1128	209.167	25.476	201.957	9.561	0.11504	2.77876	3 X
K08F68N	15.9	0.15	K1128	6.849	235.342	199.532	17.592	0.17191	2.56714	5 X
K08F68W	15.9	0.15	K1128	123.731	208.306	78.825	3.682	0.08688	3.05012	3 X
K08F68X	18.1	0.15	K1128	32.028	329.438	146.111	2.726	0.07749	2.22094	5 X
K08F74X	16.3	0.15	K1128	91.452	231.730	97.882	5.773	0.05328	2.78182	2 X
K08F77L	16.9	0.15	K1128	46.387	198.734	191.848	0.272	0.15139	2.54999	5 X
K08F79W	17.3	0.15	K1128	39.665	192.614	195.368	5.268	0.02711	2.66596	2 X
K08F83U	17.2	0.15	K1128	27.759	287.122	160.504	5.052	0.10823	2.33389	5 X
K08F90E	17.5	0.15	K1128	224.438	237.952	356.921	5.224	0.10827	2.34864	6 X
K08F96Z	16.4	0.15	K1128	21.610	295.773	122.393	6.037	0.05476	2.78487	6 X
K08F98E	16.9	0.15	K1128	351.742	319.636	128.824	5.578	0.12141	2.53477	5 X
K08F98U	16.0	0.15	K1128	74.545	266.710	71.122	10.754	0.12991	3.03523	4 X
K08FA2T	16.2	0.15	K1128	97.148	251.060	77.474	10.439	0.14629	3.02569	2 X
K08FA4L	16.1	0.15	K1128	114.481	123.690	188.116	6.268	0.09052	3.00270	4 X
K08FA7X	18.2	0.15	K1128	9.976	38.434	79.484	4.404	0.17887	2.25012	3 X
K08FA9R	16.4	0.15	K1128	123.837	222.761	68.858	4.387	0.05698	2.81080	4 X
K08FB1A	16.6	0.15	K1128	91.077	348.818	357.805	4.795	0.09320	2.81041	5 X
K08FC4X	16.6	0.15	K1128	119.271	235.868	104.931	6.250	0.11452	2.62465	5 X
K08FD3H	17.1	0.15	K1128	47.276	266.287	112.002	5.933	0.07052	2.71915	6 X
K08FD7F	16.2	0.15	K1128	304.445	25.050	114.386	5.892	0.10118	2.57787	3 X
K08G01K	16.6	0.15	K1128	206.852	247.782	356.336	7.503	0.17904	2.65134	4 X
K08G06N	16.5	0.15	K1128	38.853	313.180	74.158	6.873	0.04420	2.72271	6 X
K08G07H	18.1	0.15	K1128	329.866	313.681	173.780	3.849	0.21466	2.41192	3 X
K08G07P	18.0	0.15	K1128	283.529	69.379	147.118	3.139	0.17146	2.31893	6 X
K08G09W	18.1	0.15	K1128	323.292	65.888	91.641	2.140	0.12251	2.37276	5 X
K08G10H	18.2	0.15	K1128	295.552	11.572	176.557	1.153	0.12044	2.38543	3 X
K08G19K	17.7	0.15	K1128	312.972	44.848	142.629	7.226	0.18711	2.25107	5 X
K08G20R	16.7	0.15	K1128	269.023	139.163	65.027	4.764	0.11648	2.34481	5 X
K08G21O	15.9	0.15	K1128	227.638	160.304	66.868	16.533	0.21724	2.64849	2 X
K08G22A	15.6	0.15	K1128	15.125	319.026	87.900	29.001	0.18257	3.11009	3 X
K08G28F	16.8	0.15	K1128	15.512	305.939	110.255	4.389	0.08003	2.64706	5 X
K08G28K	17.5	0.15	K1128	245.372	121.971	125.262	4.225	0.13273	2.36731	5 X
K08G32S	16.9	0.15	K1128	235.331	75.088	132.936	5.722	0.07019	2.65945	3 X
K08G37P	16.8	0.15	K1128	286.034	87.146	79.934	5.221	0.08049	2.61283	2 X
K08G38A	15.4	0.15	K1128	45.707	316.087	55.136	11.674	0.08180	3.06429	6 X
K08G40S	17.0	0.15	K1128	231.551	36.251	170.658	8.317	0.00571	2.69771	3 X
K08G43E	17.1	0.15	K1128	50.640	182.253	194.844	5.926	0.03930	2.73917	4 X
K08G47R	15.8	0.15	K1128	284.709	276.143	208.074	20.865	0.08441	3.05070	3 X
K08G48F	17.2	0.15	K1128	204.845	9.609	207.489	4.960	0.07822	2.63552	4 X
K08G48K	16.9	0.15	K1128	153.577	311.003	312.261	3.506	0.06015	2.68345	4 X
K08G56S	16.4	0.15	K1128	75.229	175.772	179.974	6.392	0.01577	2.70142	5 X
K08G56Y	16.5	0.15	K1128	142.531	92.861	178.832	5.182	0.13851	2.96375	5 X
K08G59W	15.9	0.15	K1128	275.111	18.253	146.441	9.549	0.05839	2.62625	6 X
K08G59Z	17.2	0.15	K1128	280.279	327.971	203.691	3.830	0.17858	2.53868	4 X
K08G60B	16.4	0.15	K1128	5.120	216.584	208.213	6.912	0.04956	2.79881	5 X
K08G60P	16.2	0.15	K1128	152.694	97.855	164.621	7.929	0.21908	3.06702	4 X
K08G60Y	17.6	0.15	K1128	282.373	129.505	60.770	1.792	0.12980	2.38854	7 X
K08G62O	15.9	0.15	K1128	182.766	242.581	19.318	11.425	0.15740	2.73008	4 X
K08G74O	16.3	0.15	K1128	56.000	220.989	161.480	10.318	0.12401	2.74650	4 X
K08G75F	16.3	0.15	K1128	348.842	19.627	57.306	12.558	0.02523	2.78133	3 X
K08G83D	17.1	0.15	K1128	3.103	276.641	167.681	7.379	0.17213	2.48752	4 X
K08G84F	17.0	0.15	K1128	240.500	212.048	74.394	6.505	0.10808	2.23647	6 X
K08G90T	16.7	0.15	K1128	57.794	189.883	184.570	5.512	0.03468	2.69748	7 X
K08G95Z	16.0	0.15	K1128	89.041	164.242	156.541	6.904	0.16465	3.12229	4 X
K08G96R	16.6	0.15	K1128	288.967	354.540	169.991	5.003	0.09027	2.53434	6 X
K08G98Z	17.3	0.15	K1128	297.227	321.869	201.771	8.220	0.12604	2.43834	2 X
K08GA0C	16.2	0.15	K1128	132.823	81.839	200.466	9.443	0.13295	3.05532	5 X
K08GA1R	17.1	0.15	K1128	153.811	174.609	146.982	4.227	0.06267	2.51542	6 X
K08GA1U	15.7	0.15	K1128	192.755	203.442	52.942	10.576	0.10606	2.71041	5 X
K08GA3S	16.4	0.15	K1128	347.984	271.063	179.165	13.098	0.14917	2.56517	4 X
K08GA6B	16.7	0.15	K1128	318.681	24.155	67.978	2.714	0.06182	2.79863	4 X
K08GA6J	17.0	0.15	K1128	245.588	353.551	213.441	3.587	0.09725	2.58320	6 X
K08GA6U	17.2	0.15	K1128	299.652	96.310	82.815	4.525	0.09281	2.29074	5 X
K08GB2K	16.7	0.15	K1128	295.186	110.167	72.709	22.702	0.27573	2.33901	2 X
K08GB3G	17.0	0.15	K1128	41.834	324.286	78.169	4.020	0.02849	2.56223	4 X
K08GB3T	17.9	0.15	K1128	326.646	146.202	356.370	1.155	0.12868	2.36321	8 X
K08GB3U	17.0	0.15	K1128	15.007	125.418	304.455	0.841	0.02779	2.57641	8 X
K08GB4W	16.7	0.15	K1128	2.536	341.016	86.568	7.342	0.01303	2.74906	4 X
K08GB8L	16.8	0.15	K1128	326.082	269.972	206.331	6.686	0.06853	2.60513	3 X
K08GB9X	17.5	0.15	K1128	346.056	326.430	140.015	2.818	0.15458	2.44360	5 X
K08GC0O	16.4	0.15	K1128	24.925	259.658	159.463	12.804	0.13849	2.53799	5 X
K08GC2F	16.3	0.15	K1128	213.802	65.121	165.026	6.107	0.10869	2.67612	4 X
K08GC6Y	16.7	0.15	K1128	170.949	213.159	112.403	8.064	0.14069	2.34227	5 X
K08GC7J	16.3	0.15	K1128	201.321	145.697	137.802	9.854	0.18074	2.58580	7 X
K08GC7Z	16.7	0.15	K1128	101.965	260.077	122.715	10.112	0.14828	2.54758	6 X
K08GD0C	15.8	0.15	K1128	94.596	266.950	60.208	21.576	0.22923	3.19248	3 X
K08GD2L	15.3	0.15	K1128	117.712	245.386	77.167	12.252	0.19733	3.12694	4 X
K08GD3Q	16.0	0.15	K1128	123.693	208.985	94.432	11.240	0.10157	2.97834	5 X
K08GD4B	16.3	0.15	K1128	213.957	51.758	190.401	12.806	0.05964	2.72040	4 X
K08GD7R	16.9	0.15	K1128	304.355	356.716	165.337	7.816	0.10330	2.54622	3 X
K08GD8T	16.1	0.15	K1128	351.862	251.288	193.318	13.573	0.16345	2.64576	5 X
K08GD9Y	16.7	0.15	K1128	105.644	90.735	213.163	9.334	0.06983	3.06792	4 X



K08GE5U	15.6	0.15	K1128	179.045	207.450	59.393	26.317	0.08884	2.74380	3 X
K08H06N	16.2	0.15	K1128	129.464	71.683	207.058	6.344	0.13112	3.04325	7 X
K08H07E	16.6	0.15	K1128	208.909	32.742	183.917	4.189	0.11501	2.70385	5 X
K08H07U	16.2	0.15	K1128	125.285	219.615	78.640	18.478	0.22980	3.13962	2 S
K08H15M	15.7	0.15	K1128	62.308	280.184	76.132	17.112	0.12646	3.15915	2 S
K08H19W	15.3	0.15	K1128	37.261	272.879	107.219	13.419	0.08640	3.07973	2 X
K08H25V	17.1	0.15	K1128	341.825	18.129	117.844	7.410	0.05116	2.48723	2 S
K08H26B	16.5	0.15	K1128	126.272	123.793	188.210	8.537	0.13488	2.99487	3 X
K08H26F	17.4	0.15	K1128	333.423	63.673	110.454	5.912	0.14473	2.27452	5 X
K08H30V	16.6	0.15	K1128	247.452	318.987	246.830	7.796	0.10807	2.57650	4 X
K08H32Y	16.7	0.15	K1128	339.922	282.532	167.090	4.624	0.03248	2.80816	3 X
K08H33Z	16.0	0.15	K1128	352.363	267.555	196.870	12.030	0.04244	2.64809	6 X
K08H35E	16.5	0.15	K1128	259.910	102.582	124.943	8.409	0.07380	2.41608	4 X
K08H36D	16.7	0.15	K1128	182.225	99.803	142.409	3.944	0.09400	2.91560	5 X
K08H36W	15.5	0.15	K1128	174.984	166.806	78.025	13.592	0.15311	3.07182	4 X
K08H37R	17.0	0.15	K1128	293.133	306.168	256.413	4.505	0.16299	2.34721	6 X
K08H41Y	17.1	0.15	K1128	270.771	354.925	221.142	2.021	0.13134	2.42449	8 X
K08H45W	15.4	0.15	K1128	76.698	260.447	81.724	11.424	0.06652	3.13012	3 X
K08H47L	15.9	0.15	K1128	53.411	265.101	111.183	11.842	0.07854	2.98858	4 X
K08H50H	15.9	0.15	K1128	127.220	226.975	61.006	6.991	0.06045	3.11811	5 X
K08H51N	15.6	0.15	K1128	17.769	184.231	214.416	5.476	0.11740	3.08408	8 X
K08H54A	15.4	0.15	K1128	26.266	297.053	100.192	10.630	0.08485	2.99371	4 X
K08H62K	16.1	0.15	K1128	144.378	82.239	210.192	12.374	0.22430	3.09399	3 X
K08H64Y	16.3	0.15	K1128	117.113	219.256	101.440	7.250	0.20695	3.08677	3 X
K08H65S	15.7	0.15	K1128	288.787	307.068	214.781	10.748	0.12525	2.60946	5 X
K08H67J	16.0	0.15	K1128	12.334	356.088	55.122	9.294	0.05064	2.95337	3 X
K08J04J	15.4	0.15	K1128	17.870	315.983	95.922	10.411	0.06691	2.96138	6 X
K08J10P	17.0	0.15	K1128	41.346	237.861	153.091	6.397	0.02552	2.74443	3 X
K08J13P	16.0	0.15	K1128	80.975	172.625	182.243	10.484	0.13346	2.95949	5 X
K08J14A	16.3	0.15	K1128	275.241	65.858	112.964	7.035	0.21007	2.62878	4 X
K08J14X	17.3	0.15	K1128	227.261	126.896	132.305	6.662	0.10070	2.40627	4 X
K08J21B	15.8	0.15	K1128	166.774	134.391	126.435	8.842	0.16394	3.12181	4 X
K08J23A	16.8	0.15	K1128	130.706	180.447	156.351	7.346	0.13278	2.69204	5 X
K08J23R	15.8	0.15	K1128	49.306	296.158	74.534	10.696	0.04968	3.11774	2 X
K08J28B	16.3	0.15	K1128	143.508	148.422	150.773	11.534	0.11006	2.92513	5 X
K08J28S	15.4	0.15	K1128	46.544	306.072	73.063	19.494	0.17860	3.17065	2 X
K08J31Z	16.2	0.15	K1128	306.324	284.500	230.783	10.619	0.18787	2.53111	3 X
K08J32E	15.4	0.15	K1128	164.629	184.773	73.585	11.513	0.07369	3.09705	3 X
K08J36G	17.3	0.15	K1128	236.515	123.030	154.741	2.931	0.16930	2.40396	5 X
K08J37G	16.4	0.15	K1128	139.979	198.646	124.879	7.674	0.10435	2.80336	5 X
K08J39G	15.9	0.15	K1128	105.123	105.552	225.125	15.027	0.14884	3.14096	4 X
K08J40P	15.4	0.15	K1128	250.460	323.013	209.808	7.737	0.02726	3.03454	4 X
K08K01Q	16.8	0.15	K1128	252.871	42.918	155.916	6.173	0.20563	2.68025	4 X
K08K04N	16.4	0.15	K1128	127.246	153.542	163.553	9.410	0.07190	2.97219	5 X
K08K05E	15.8	0.15	K1128	29.460	230.197	175.452	9.439	0.09409	3.01644	7 X
K08K07F	16.2	0.15	K1128	81.459	253.516	124.744	13.242	0.16187	2.88415	4 X
K08K11V	16.3	0.15	K1128	263.541	355.150	213.250	4.597	0.18239	2.57869	5 X
K08K14U	16.8	0.15	K1128	222.270	73.766	161.272	10.677	0.10542	2.71298	4 X
K08K15K	15.6	0.15	K1128	36.505	271.883	112.428	14.874	0.17948	3.20550	4 X
K08K15X	16.3	0.15	K1128	336.822	307.733	181.203	12.464	0.11466	2.58431	5 X
K08K20V	16.5	0.15	K1128	100.723	270.852	103.220	6.882	0.12397	2.65265	5 X
K08K20Z	16.7	0.15	K1128	281.824	46.090	110.223	5.976	0.09803	2.78062	4 X
K08K25N	16.9	0.15	K1128	348.480	22.787	73.998	13.842	0.14246	2.62360	4 X
K08K38U	17.4	0.15	K1128	282.470	120.657	88.731	3.529	0.16178	2.40613	5 X
K08K39H	15.7	0.15	K1128	42.021	274.505	120.530	13.939	0.05689	2.97176	4 X
K08L02P	16.7	0.15	K1128	58.222	291.800	103.987	6.826	0.09529	2.66529	4 X
K08L04N	14.6	0.15	K1128	71.969	144.743	209.042	20.828	0.07803	3.21592	5 X
K08L04S	15.4	0.15	K1128	359.924	180.939	284.516	9.779	0.06139	3.09496	5 X
K08L06H	15.6	0.15	K1128	64.871	294.050	76.955	12.374	0.09633	2.97059	5 X
K08L09E	16.6	0.15	K1128	339.656	42.461	105.117	10.982	0.15889	2.40155	4 X
K08L10R	16.7	0.15	K1128	260.852	129.954	89.858	5.775	0.10121	2.53116	4 X
K08L13G	16.9	0.15	K1128	242.635	21.284	193.040	13.477	0.05903	2.68054	4 X
K08L13L	16.9	0.15	K1128	154.130	110.006	176.993	11.390	0.14335	2.97077	4 X
K08L14Q	15.7	0.15	K1128	122.586	126.471	177.681	10.476	0.08379	3.13911	5 X
K08L15C	15.9	0.15	K1128	172.007	57.328	246.843	7.553	0.06121	3.02044	6 X
K08L16Z	16.0	0.15	K1128	353.903	261.934	210.126	11.708	0.13336	2.59851	5 X
K08M01D	15.8	0.15	K1128	228.597	10.827	252.590	7.087	0.21336	2.75716	5 X
K08M04G	15.5	0.15	K1128	88.762	98.348	303.643	8.509	0.05084	3.00073	4 X
K08N01A	15.0	0.15	K1128	140.459	214.462	115.128	23.568	0.10559	3.15602	3 X
K08O07M	15.6	0.15	K1128	158.379	22.745	306.751	19.559	0.23601	3.06926	3 X
K08P03C	16.2	0.15	K1128	191.209	32.496	256.784	9.017	0.11263	3.08653	4 X
K08P03N	15.5	0.15	K1128	177.537	15.263	284.418	24.723	0.20925	3.10622	3 X
K08P06N	15.9	0.15	K1128	217.639	354.192	277.061	12.947	0.20020	2.80731	3 X
K08P08G	15.9	0.15	K1128	262.206	306.022	305.923	10.885	0.14815	2.67686	4 X
K08P10D	15.5	0.15	K1128	154.674	30.923	309.108	26.682	0.10173	3.08403	5 X
K08Q03Y	16.0	0.15	K1128	257.964	128.455	138.493	7.223	0.12316	2.67797	6 X
K08Q30S	15.3	0.15	K1128	161.605	23.928	320.487	17.671	0.12318	3.08452	3 X
K08Q40V	15.8	0.15	K1128	349.391	24.719	184.880	13.254	0.25641	2.59545	3 X
K08Q41P	13.8	0.15	K1128	1.758	267.588	168.116	1.558	0.10226	5.22041	7 X
K08Q44G	12.4	0.15	K1128	87.536	233.046	119.921	24.071	0.08915	5.20235	4 X
K08Q47L	15.9	0.15	K1128	242.880	155.343	112.020	1.728	0.08921	3.07159	7 X
K08R17G	14.3	0.15	K1128	352.560	128.555	324.249	5.691	0.06226	5.13097	4 X
K08R20Z	13.0	0.15	K1128	77.642	14.021	344.248	8.516	0.06172	5.18175	4 X
K08R37W	13.2	0.15	K1128	34.725	229.163	174.759	1.070	0.06859	5.24631	4 X
K08R55E	13.9	0.15	K1128	350.393	223.222	212.511	6.785	0.09308	5.29012	5 X
K08R55U	13.2	0.15	K1128	30.018	139.409	260.301	5.203	0.14451	5.25750	6 X

K08R57F	13.3	0.15	K1128	354.611	265.025	188.316	9.531	0.13399	5.22925	3 X
K08R58Z	13.9	0.15	K1128	59.783	3.832	9.899	9.819	0.01731	5.16002	4 X
K08R64H	13.8	0.15	K1128	4.267	58.170	19.009	9.592	0.04655	5.08439	4 X
K08R95V	16.2	0.15	K1128	207.336	58.312	217.416	4.196	0.13926	3.14426	7 X
K08RB5Q	16.6	0.15	K1128	288.110	272.908	326.030	2.477	0.14171	2.74205	6 X
K08RC1W	14.0	0.15	K1128	31.017	193.752	200.506	9.678	0.06527	5.14845	4 X
K08RC2S	12.9	0.15	K1128	29.420	253.911	159.591	10.764	0.03312	5.22001	7 X
K08RC3K	14.1	0.15	K1128	59.984	18.009	353.952	7.985	0.02854	5.11883	4 X
K08RC4W	12.9	0.15	K1128	36.610	9.269	33.982	4.641	0.05391	5.31192	5 X
K08RC5H	13.6	0.15	K1128	52.323	35.882	342.298	6.382	0.05305	5.15669	4 X
K08RC6X	13.3	0.15	K1128	328.022	271.518	196.341	10.998	0.10918	5.12599	4 X
K08RC7Y	13.7	0.15	K1128	47.579	60.684	328.831	2.955	0.14654	5.22035	6 X
K08RC7Y	13.8	0.15	K1128	18.462	55.358	5.624	7.090	0.01917	5.26879	3 X
K08RE0F	14.9	0.15	K1128	37.512	142.113	352.779	16.391	0.07406	3.09748	6 X
K08SH2M	12.5	0.15	K1128	14.042	139.572	278.252	21.159	0.12828	5.18691	5 X
K08SM9H	13.6	0.15	K1128	37.000	97.760	312.867	6.176	0.09616	5.15005	6 X
K08SP4R	12.4	0.15	K1128	72.848	98.342	269.227	12.057	0.06243	5.15336	8 X
K08SR8O	14.2	0.15	K1128	28.965	62.727	17.317	2.555	0.06473	5.20169	5 X
K08T30S	15.7	0.15	K1128	252.347	113.577	151.131	0.835	0.14081	3.21655	7 X
K08TB8N	13.6	0.15	K1128	332.943	125.246	344.475	7.766	0.01780	5.23237	4 X
K08TB8R	14.0	0.15	K1128	62.035	27.049	350.217	7.852	0.02963	5.17109	6 X
K08TC1T	14.9	0.15	K1128	260.202	294.633	314.551	6.710	0.06305	3.44776	4 X
K08U07Z	13.1	0.15	K1128	340.780	123.265	343.833	6.615	0.08434	5.25283	7 X
K08U90F	13.2	0.15	K1128	80.475	59.045	299.643	4.870	0.12761	5.23050	4 X
K08UA9O	13.8	0.15	K1128	305.638	295.986	210.061	18.569	0.04790	5.18663	2 S
K08UI9F	13.8	0.15	K1128	323.956	106.588	13.252	7.287	0.02733	5.13662	5 X
K08Y03B	9.4	0.15	K1128	359.472	330.509	112.485	105.040	0.44361	11.65794	2 X
K09C05N	20.0	0.15	K1128	51.589	53.081	349.821	11.915	0.46543	1.54503	3 X
K09E22C	17.5	0.15	K1128	118.394	207.218	96.308	3.572	0.13650	2.15737	5 X
K09E28N	17.9	0.15	K1128	143.104	139.503	146.797	2.102	0.08230	2.15420	4 X
K09F13Z	16.3	0.15	K1128	91.931	235.606	83.941	7.431	0.21145	2.26128	6 X
K09F46D	17.8	0.15	K1128	308.684	318.157	196.842	19.798	0.07080	1.85765	6 X
K09F56S	17.0	0.15	K1128	258.984	255.588	287.375	18.063	0.05534	1.88024	4 X
K09F56V	16.6	0.15	K1128	52.368	304.694	69.917	23.016	0.08993	1.95514	5 X
K09F68R	17.1	0.15	K1128	99.182	215.172	74.249	2.587	0.18155	2.36545	5 X
K09H13W	16.9	0.15	K1128	128.831	225.680	52.461	25.348	0.19094	2.34873	2 X
K09H41M	17.2	0.15	K1128	131.582	199.694	78.005	5.062	0.18702	2.36157	4 X
K09H54L	17.5	0.15	K1128	181.737	131.278	118.638	5.592	0.17487	2.18609	5 X
K09H84C	16.8	0.15	K1128	86.802	136.521	187.529	7.231	0.21375	2.52359	5 X
K09H98D	16.5	0.15	K1128	97.692	240.289	67.901	15.265	0.22399	2.61510	3 X
K09HA1P	17.4	0.15	K1128	114.809	226.046	88.972	6.486	0.12338	2.23325	5 X
K09HA3J	16.1	0.15	K1128	76.789	130.169	209.162	13.032	0.27615	2.60747	5 X
K09HA3L	17.1	0.15	K1128	64.908	279.748	87.090	6.720	0.07021	2.20901	2 X
K09J16F	17.4	0.15	K1128	116.250	112.851	193.976	6.010	0.15643	2.31244	7 X
K09K02Y	17.0	0.15	K1128	254.774	117.984	80.043	23.937	0.04551	1.95790	5 X
K09K03L	17.0	0.15	K1128	97.366	250.219	74.305	7.448	0.12690	2.29341	5 X
K09K04B	17.3	0.15	K1128	166.165	199.454	76.928	3.557	0.15313	2.15203	4 X
K09K05D	18.4	0.15	K1128	101.393	294.322	104.555	13.473	0.26146	1.04628	4 X
K09K16N	17.1	0.15	K1128	116.763	217.441	86.927	7.351	0.12308	2.33233	4 X
K09K16X	16.9	0.15	K1128	42.879	277.432	99.860	5.858	0.24352	2.40554	4 X
K09K22N	17.0	0.15	K1128	154.697	46.475	224.324	22.572	0.20803	2.34206	4 X
K09K22P	17.8	0.15	K1128	143.306	87.738	190.431	4.967	0.22008	2.33837	4 X
K09K28W	16.7	0.15	K1128	125.760	340.458	294.898	2.902	0.21661	2.55391	8 X
K09K36A	17.1	0.15	K1128	163.079	101.602	165.528	5.597	0.14151	2.27037	5 X
K09L05G	16.5	0.15	K1128	103.905	198.099	128.359	12.166	0.20446	2.78548	6 X
K09M00Z	14.4	0.15	K1128	72.236	126.482	217.271	16.984	0.33105	2.96613	5 X
K09M08G	16.4	0.15	K1128	138.146	1.197	287.430	13.034	0.23392	2.63901	3 X
K09M09Z	16.4	0.15	K1128	34.582	104.264	303.924	11.942	0.11532	2.86184	5 X
K09M10B	15.7	0.15	K1128	67.846	235.373	132.362	11.225	0.36222	3.22379	3 X
K09O02N	16.5	0.15	K1128	127.337	36.140	298.905	3.094	0.13028	2.43439	5 X
K09O02U	15.3	0.15	K1128	23.295	228.957	204.311	13.265	0.08225	3.23716	6 X
K09O06C	17.0	0.15	K1128	144.279	173.557	147.102	7.388	0.22614	2.41899	4 X
K09O09C	15.1	0.15	K1128	78.959	99.308	253.428	5.318	0.14194	3.15561	5 X
K09O10O	15.3	0.15	K1128	82.909	252.051	78.149	17.346	0.26604	3.13148	4 X
K09O14E	15.3	0.15	K1128	41.000	252.216	134.835	11.923	0.07179	3.13969	2 X
K09O15Y	17.3	0.15	K1128	156.025	24.706	275.581	4.216	0.14737	2.45304	5 X
K09O16G	17.2	0.15	K1128	84.338	192.138	179.788	2.606	0.19328	2.75668	5 X
K09O21K	17.0	0.15	K1128	121.482	183.949	156.424	2.723	0.19725	2.45020	4 X
K09O24P	16.1	0.15	K1128	100.289	254.995	93.818	10.063	0.18460	2.74920	6 X
K09P01J	17.1	0.15	K1128	117.943	32.434	329.698	1.788	0.20474	2.45125	6 X
K09P02B	15.7	0.15	K1128	186.543	331.526	288.639	14.286	0.08423	2.53776	5 X
K09P05J	16.7	0.15	K1128	169.434	143.982	159.882	2.483	0.17684	2.36911	9 X
K09P07M	16.3	0.15	K1128	27.244	34.787	35.683	1.840	0.14770	3.11269	3 X
K09P07S	15.3	0.15	K1128	146.821	132.041	152.356	11.540	0.10328	3.18917	7 X
K09P09E	16.8	0.15	K1128	98.983	209.686	158.075	3.961	0.10735	2.78255	4 X
K09P16H	15.8	0.15	K1128	331.863	312.801	175.848	11.549	0.07895	3.06992	5 X
K09P17S	15.9	0.15	K1128	62.715	271.311	143.731	27.348	0.22206	3.61555	5 W
K09P17Z	17.2	0.15	K1128	219.444	322.259	289.338	4.807	0.08191	2.32063	6 X
K09P18V	16.1	0.15	K1128	103.094	321.957	13.873	4.831	0.13939	3.13767	6 X
K09P19R	14.6	0.15	K1128	71.939	98.637	259.910	15.311	0.15533	3.14243	6 X
K09Q02B	15.2	0.15	K1128	47.960	130.404	247.390	3.916	0.07237	3.49788	5 X
K09Q02X	16.7	0.15	K1128	95.975	53.154	316.779	5.533	0.06346	2.68897	3 S
K09Q05Y	15.2	0.15	K1128	136.131	308.656	345.617	16.465	0.23023	3.11795	5 X
K09Q06E	15.6	0.15	K1128	33.836	258.367	147.563	12.763	0.08288	2.97480	4 X
K09Q07L	15.1	0.15	K1128	76.967	90.578	272.400	8.728	0.08235	3.16736	4 X
K09Q11O	16.3	0.15	K1128	60.847	184.673	214.492	1.316	0.08039	2.89512	6 X

K09Q13V	14.9	0.15	K1128	336.391	288.198	184.644	12.691	0.05085	3.24627	5	X
K09Q15K	15.9	0.15	K1128	315.622	143.446	359.907	4.722	0.10664	3.10903	7	X
K09Q18L	17.5	0.15	K1128	96.063	106.556	296.273	5.784	0.08919	2.27669	4	X
K09Q27N	15.6	0.15	K1128	51.559	229.492	148.900	9.693	0.09174	3.17077	3	X
K09Q31P	16.1	0.15	K1128	101.093	232.180	104.514	2.483	0.18074	3.05922	6	X
K09Q35T	15.5	0.15	K1128	73.319	19.931	344.452	10.115	0.05693	3.16248	4	X
K09Q41B	17.5	0.15	K1128	104.035	147.488	235.347	1.369	0.08837	2.39775	6	X
K09Q50W	15.9	0.15	K1128	68.017	200.798	173.058	9.880	0.09474	3.08342	3	X
K09Q54B	15.8	0.15	K1128	146.712	298.339	343.727	8.624	0.25383	3.01777	4	X
K09Q55G	16.6	0.15	K1128	65.455	153.891	248.272	1.007	0.06698	2.86613	6	X
K09Q56L	16.7	0.15	K1128	135.635	119.086	191.518	10.158	0.05906	3.10167	4	X
K09Q58J	17.2	0.15	K1128	119.556	154.459	191.743	2.052	0.15184	2.73248	6	X
K09Q59X	16.0	0.15	K1128	94.960	172.048	174.269	9.707	0.08302	3.08418	4	X
K09Q60B	15.5	0.15	K1128	119.501	20.136	284.301	16.545	0.21153	3.13405	3	X
K09R04U	17.0	0.15	K1128	206.414	163.278	107.269	5.203	0.12939	2.31643	6	X
K09R12A	13.7	0.15	K1128	312.316	280.039	191.404	5.130	0.06915	5.24354	3	X
K09R17M	16.2	0.15	K1128	59.609	240.767	166.608	4.588	0.12505	3.23416	5	X
K09R18N	17.4	0.15	K1128	294.744	88.635	126.315	3.127	0.08846	2.34499	6	X
K09R20D	15.0	0.15	K1128	28.497	219.394	217.757	10.316	0.19173	3.18200	6	X
K09R25S	16.4	0.15	K1128	197.726	229.304	58.310	5.195	0.04145	2.78446	4	X
K09R42G	16.8	0.15	K1128	244.937	352.787	250.218	4.906	0.17119	2.38700	4	X
K09R62Y	13.9	0.15	K1128	63.824	153.070	196.204	4.608	0.05317	5.09630	4	X
K09R65O	15.5	0.15	K1128	150.259	227.225	61.920	18.038	0.15473	2.73176	5	X
K09S05Y	13.7	0.15	K1128	105.213	123.521	185.935	7.522	0.01157	5.21226	4	X
K09S08S	16.7	0.15	K1128	152.616	95.090	194.005	14.167	0.15039	2.83675	4	X
K09S16M	16.4	0.15	K1128	84.946	27.563	334.655	2.774	0.07868	3.07556	3	X
K09S23R	17.3	0.15	K1128	134.015	151.190	169.523	1.909	0.08180	2.73085	5	X
K09S31P	16.5	0.15	K1128	100.095	153.767	215.594	3.731	0.09118	2.75878	6	X
K09S43J	16.4	0.15	K1128	65.275	142.444	293.649	3.729	0.09084	2.72507	6	X
K09S52M	17.0	0.15	K1128	355.897	355.734	160.877	2.841	0.13817	2.42917	5	X
K09S73N	15.9	0.15	K1128	132.818	122.696	187.004	14.022	0.07718	3.18477	4	X
K09S74G	16.0	0.15	K1128	77.978	293.104	106.141	4.486	0.19896	3.12164	4	X
K09S78F	16.0	0.15	K1128	233.442	314.054	270.174	8.629	0.04120	2.58165	4	X
K09S98K	14.9	0.15	K1128	43.109	154.949	272.436	17.628	0.11031	3.35414	2	S
K09S98V	15.7	0.15	K1128	149.686	13.832	275.120	11.965	0.12934	2.78736	4	X
K09SA0Y	15.4	0.15	K1128	16.087	212.959	219.660	13.799	0.06020	3.43235	6	X
K09SA2A	16.8	0.15	K1128	195.739	22.772	263.556	5.680	0.10745	2.34852	5	X
K09SA9T	16.3	0.15	K1128	186.206	190.603	92.015	3.178	0.06170	2.81520	7	X
K09SB1R	16.5	0.15	K1128	1.646	271.484	233.169	5.657	0.05706	2.40468	6	X
K09SC2G	12.9	0.15	K1128	342.625	239.446	203.682	15.079	0.08272	5.23904	5	X
K09SC8B	15.2	0.15	K1128	107.932	334.917	348.737	5.211	0.11601	3.97211	4	X
K09SD3H	17.2	0.15	K1128	300.634	69.617	138.971	3.230	0.12129	2.40439	5	X
K09SE8Q	13.4	0.15	K1128	29.108	150.449	242.344	8.150	0.11825	5.19540	5	X
K09SF4L	17.0	0.15	K1128	157.287	139.477	181.922	5.628	0.03331	2.72506	4	X
K09SF5S	13.4	0.15	K1128	316.110	275.683	189.564	4.060	0.03839	5.24143	6	X
K09SF6V	16.2	0.15	K1128	351.761	40.549	81.051	1.991	0.13537	3.17815	6	X
K09SF9W	13.7	0.15	K1128	20.614	48.111	2.860	7.008	0.08323	5.30150	4	X
K09SG9T	15.6	0.15	K1128	148.802	102.995	194.333	11.799	0.01793	2.91901	8	X
K09SH0E	15.6	0.15	K1128	200.278	334.644	272.671	8.200	0.12757	2.80279	2	S
K09SH2W	13.7	0.15	K1128	344.523	193.383	238.367	6.699	0.03409	5.18583	4	X
K09SH5T	15.7	0.15	K1128	286.784	158.472	5.590	8.462	0.02048	3.11493	4	X
K09SI5B	16.6	0.15	K1128	211.920	342.198	279.883	4.009	0.11865	2.78097	5	X
K09SI5F	13.0	0.15	K1128	10.546	181.227	243.813	7.528	0.12701	5.14708	6	X
K09SJ3G	12.8	0.15	K1128	359.786	211.567	212.299	8.330	0.06406	5.23135	4	X
K09SJ7J	13.3	0.15	K1128	33.742	172.372	213.500	18.950	0.05881	5.29074	4	X
K09SK8X	16.4	0.15	K1128	177.326	98.024	203.739	5.626	0.05551	2.75618	4	X
K09SL5Z	17.3	0.15	K1128	240.423	74.588	180.095	5.432	0.15997	2.26437	7	X
K09SL6E	16.7	0.15	K1128	113.847	292.653	51.907	0.464	0.08159	2.96788	7	X
K09SL7O	13.3	0.15	K1128	342.424	90.083	355.575	6.849	0.13995	5.22210	3	X
K09SL8M	12.9	0.15	K1128	326.354	277.255	181.922	10.154	0.04957	5.18184	3	X
K09SM7S	13.9	0.15	K1128	11.900	226.045	192.471	9.896	0.05287	5.07176	5	X
K09SN0K	15.8	0.15	K1128	128.114	214.413	134.933	7.534	0.01482	2.75971	7	X
K09SN4M	15.0	0.15	K1128	63.778	305.922	109.683	10.542	0.07941	3.05112	5	X
K09SN5T	13.5	0.15	K1128	348.002	226.153	218.471	11.221	0.08806	5.15021	5	X
K09SO0F	16.2	0.15	K1128	106.858	250.209	114.500	11.227	0.15850	2.78679	5	X
K09SO6C	13.3	0.15	K1128	347.519	290.688	140.616	5.095	0.03851	5.28906	5	X
K09SQ4J	13.7	0.15	K1128	319.090	305.838	157.701	8.499	0.04660	5.27879	6	X
K09SR1A	12.9	0.15	K1128	3.066	96.170	345.066	6.228	0.17103	5.18991	4	X
K09SR3A	15.8	0.15	K1128	48.939	178.854	237.923	4.776	0.13223	3.19247	4	X
K09SR3L	17.0	0.15	K1128	325.492	339.098	179.677	4.982	0.04927	2.70543	6	X
K09ST0C	16.2	0.15	K1128	65.881	41.563	38.628	14.109	0.13454	2.69388	3	X
K09ST6W	17.1	0.15	K1128	75.316	229.512	171.717	2.710	0.01549	2.82650	5	X
K09SW7E	15.2	0.15	K1128	130.218	82.935	256.900	10.622	0.09551	2.97064	4	X
K09SX0Y	15.5	0.15	K1128	66.126	272.117	121.649	6.280	0.17394	3.14101	9	X
K09SX3H	12.3	0.15	K1128	35.858	150.624	240.576	24.988	0.01740	5.26895	3	X
K09SY2T	16.2	0.15	K1128	101.180	238.291	142.100	13.878	0.25242	2.97557	4	X
K09SY2W	16.4	0.15	K1128	164.986	181.989	126.870	2.805	0.04092	2.82796	7	X
K09SY8C	16.8	0.15	K1128	40.398	320.990	134.436	4.788	0.02252	2.58952	3	X
K09SY8K	12.9	0.15	K1128	9.917	283.768	145.829	17.440	0.15441	5.27329	4	X
K09SY9X	13.4	0.15	K1128	45.964	299.177	81.755	2.485	0.07821	5.25957	6	X
K09SZ5C	14.1	0.15	K1128	341.426	274.314	177.985	9.075	0.08036	5.24031	5	X
K09SZ5O	12.7	0.15	K1128	312.008	194.071	285.396	10.294	0.04643	5.18056	5	X
K09SZ6P	17.7	0.15	K1128	292.911	105.881	122.540	4.094	0.16913	2.33552	4	X
K09Sa1M	15.4	0.15	K1128	72.355	102.309	309.367	7.199	0.15363	3.10767	5	X
K09Sa3X	16.4	0.15	K1128	32.317	150.870	309.601	4.291	0.06703	2.75737	6	X
K09T05R	15.8	0.15	K1128	59.691	53.328	13.249	0.547	0.11611	3.21576	7	X

K09T09G	13.0	0.15	K1128	32.150	42.383	1.545	5.580	0.11421	5.23395	5 X
K09T10K	15.7	0.15	K1128	302.333	253.976	284.043	9.708	0.05736	3.15471	5 X
K09T15U	12.6	0.15	K1128	8.970	346.145	82.410	9.469	0.10453	5.28673	3 X
K09T24Z	13.4	0.15	K1128	12.397	22.185	45.853	9.634	0.07857	5.17231	5 X
K09T32Q	15.5	0.15	K1128	105.518	62.517	319.839	7.813	0.11295	3.02226	3 X
K09T33G	12.7	0.15	K1128	352.354	185.659	251.840	15.759	0.12039	5.12485	5 X
K09T41N	15.8	0.15	K1128	111.556	106.290	248.945	8.925	0.12053	3.05834	4 X
K09T46K	12.6	0.15	K1128	327.527	35.719	77.963	26.188	0.03573	5.16151	6 X
K09U04W	14.0	0.15	K1128	60.433	354.203	19.054	10.560	0.08995	5.15147	4 X
K09U12H	16.9	0.15	K1128	79.163	207.808	175.897	1.997	0.08207	2.89303	4 X
K09U13N	15.9	0.15	K1128	139.015	35.229	293.944	2.707	0.03420	3.68721	2 S
K09U13Y	17.1	0.15	K1128	178.681	211.118	110.607	4.336	0.13916	2.29999	7 X
K09U16C	16.2	0.15	K1128	160.860	34.827	270.883	13.364	0.16392	2.73717	3 X
K09U18K	14.8	0.15	K1128	62.754	346.888	67.866	22.875	0.15429	3.22044	6 X
K09U22V	16.1	0.15	K1128	133.748	207.874	131.798	5.896	0.04762	3.03983	4 X
K09U32Y	16.1	0.15	K1128	82.326	344.559	64.983	0.867	0.08456	3.13848	10 X
K09U65L	16.5	0.15	K1128	68.399	286.224	137.866	4.467	0.07990	2.81748	3 X
K09U79K	13.2	0.15	K1128	54.745	58.197	325.024	3.637	0.04680	5.15618	3 X
K09U87D	16.0	0.15	K1128	118.011	269.623	105.199	3.285	0.08087	2.86069	5 X
K09U87G	12.5	0.15	K1128	76.578	281.816	73.730	13.128	0.16314	5.23976	6 X
K09UA5R	14.4	0.15	K1128	9.497	77.989	354.325	5.590	0.14836	5.21660	3 X
K09UB6M	15.7	0.15	K1128	188.035	37.786	253.587	7.603	0.06483	2.97936	6 X
K09UB7D	13.0	0.15	K1128	45.351	141.386	249.280	12.573	0.04578	5.23458	4 X
K09UC2Z	12.7	0.15	K1128	38.902	173.715	226.412	24.826	0.10362	5.20202	7 X
K09UD6F	12.7	0.15	K1128	28.275	114.817	289.051	9.042	0.06075	5.31822	6 X
K09UD5W	15.5	0.15	K1128	88.648	85.462	309.925	9.626	0.13579	3.04678	5 X
K09UD7D	14.9	0.15	K1128	226.403	144.681	105.044	17.038	0.04217	3.14643	9 X
K09UE0L	13.3	0.15	K1128	99.855	278.135	72.846	8.490	0.04599	5.14794	3 X
K09UE5R	12.7	0.15	K1128	13.996	318.349	106.417	22.543	0.14417	5.27026	3 X
K09UE8X	14.1	0.15	K1128	334.273	341.573	121.393	8.060	0.11716	5.22154	2 S
K09UE8Y	13.1	0.15	K1128	264.421	305.157	219.384	17.362	0.13443	5.28837	5 X
K09UF1T	12.8	0.15	K1128	3.587	164.112	275.996	9.219	0.03768	5.17466	6 X
K09UF2K	14.7	0.15	K1128	16.553	343.966	133.143	9.534	0.22178	3.93330	4 X
K09UF4R	12.9	0.15	K1128	76.753	254.988	87.210	7.601	0.04607	5.34586	2 X
K09V00V	15.6	0.15	K1128	45.322	133.496	316.579	16.716	0.18003	3.13374	5 X
K09V11Q	14.6	0.15	K1128	336.983	240.454	257.515	2.147	0.09715	3.97118	6 X
K09V38S	15.7	0.15	K1128	88.509	122.318	292.450	3.439	0.06730	3.05254	5 X
K09V73L	16.5	0.15	K1128	152.093	123.556	196.255	1.605	0.14002	2.97114	8 X
K09V76E	16.5	0.15	K1128	0.484	167.930	333.263	1.014	0.05177	3.04856	3 X
K09V80H	13.3	0.15	K1128	8.715	320.695	116.508	22.105	0.10783	5.22704	7 X
K09V86A	13.9	0.15	K1128	59.384	231.603	169.084	2.696	0.07664	5.23082	4 X
K09W03F	13.1	0.15	K1128	64.762	272.143	86.624	3.374	0.04970	5.31422	3 X
K09W23Y	15.7	0.15	K1128	52.404	136.232	307.762	12.170	0.05629	3.02543	3 X
K09W59M	13.7	0.15	K1128	47.427	332.612	70.950	7.414	0.01890	5.16781	3 X
K09W81R	15.0	0.15	K1128	70.232	290.044	125.666	12.190	0.14904	5.50972	4 X
K09W99R	14.0	0.15	K1128	42.804	156.137	247.898	3.343	0.10652	5.31167	4 X
K09WE5B	16.2	0.15	K1128	47.235	84.174	357.235	2.253	0.14296	3.18564	3 X
K09WE6H	15.9	0.15	K1128	105.489	254.461	123.497	6.288	0.14483	3.19209	5 X
K09WM5U	15.4	0.15	K1128	341.957	318.199	185.113	2.820	0.16090	3.99480	4 X
K09Y00M	12.6	0.15	K1128	357.019	186.532	230.062	9.475	0.08113	5.25720	5 X
K09Y06S	14.4	0.15	K1128	0.306	288.819	295.860	147.761	0.92034	20.29795	2 W
K10AA2L	15.3	0.15	K1128	78.407	111.387	269.565	13.313	0.09688	3.45332	5 X
K10AA7M	12.6	0.15	K1128	343.210	182.515	272.628	23.843	0.10167	5.16578	4 X
K10AC3A	12.9	0.15	K1128	18.672	110.084	305.026	6.315	0.08792	5.28459	4 X
K10BA1W	16.1	0.15	K1128	29.996	49.206	41.542	0.491	0.25984	3.95927	4 X
K10J07P	17.0	0.15	K1128	30.765	45.009	297.635	11.847	0.28132	2.63493	2 W
K10J17P	16.2	0.15	K1128	24.267	116.583	243.753	24.836	0.17940	2.31629	2 W
K10J33L	17.8	0.15	K1128	23.246	308.548	53.563	5.332	0.74257	2.65945	4 X
K10J34V	20.8	0.15	K1128	92.140	86.806	225.539	7.213	0.54391	1.72253	2 W
K10JD5G	16.0	0.15	K1128	27.099	145.031	194.479	23.825	0.36009	3.07127	3 W
K10JF1M	19.6	0.15	K1128	97.357	343.409	306.103	16.638	0.48108	1.69839	2 X
K10K34W	15.8	0.15	K1128	21.030	149.335	209.836	15.533	0.12673	2.46608	2 W
K10L68R	18.5	0.15	K1128	19.711	293.699	114.280	4.583	0.60841	3.03310	2 X
K10M11H	16.8	0.15	K1128	30.558	242.217	130.311	3.413	0.34771	2.63675	3 X
K10M45A	17.6	0.15	K1128	43.186	157.431	207.109	8.439	0.15064	2.20259	5 X
K10N19K	16.1	0.15	K1128	23.647	101.701	283.436	11.656	0.20741	2.64357	3 X
K10N58H	16.9	0.15	K1128	106.209	129.773	156.403	2.797	0.17178	2.29650	7 X
K10N67A	16.9	0.15	K1128	35.758	304.602	77.775	23.508	0.28053	2.33290	3 X
K10N87W	18.1	0.15	K1128	20.010	148.433	252.867	3.404	0.53285	2.35329	2 W
K10O00J	16.7	0.15	K1128	52.334	265.044	88.602	23.300	0.31104	2.30278	2 W
K10O14V	16.7	0.15	K1128	42.363	289.202	84.095	7.335	0.20901	2.35545	6 X
K10OB8W	16.9	0.15	K1128	26.495	257.182	130.534	2.135	0.30135	3.08276	2 X
K10OC5H	16.1	0.15	K1128	37.705	192.806	186.547	13.218	0.26955	2.64655	3 X
K10P00D	17.3	0.15	K1128	36.453	309.588	75.153	4.901	0.35191	2.54740	3 X
K10P05D	16.6	0.15	K1128	53.004	257.688	96.863	13.005	0.26228	2.55832	5 X
K10P26F	13.2	0.15	K1128	11.242	350.511	73.089	13.762	0.02193	5.16663	4 X
K10P35A	16.0	0.15	K1128	48.591	90.252	273.545	1.625	0.07500	3.16645	3 X
K10P40A	16.8	0.15	K1128	27.768	268.569	130.705	5.916	0.25728	2.61313	4 X
K10P41M	14.7	0.15	K1128	357.977	10.143	52.775	13.278	0.07482	3.10750	7 X
K10P48D	16.6	0.15	K1128	42.114	157.683	213.673	13.202	0.26504	2.68211	3 X
K10P48M	16.0	0.15	K1128	54.919	288.134	63.865	9.722	0.15299	3.09532	5 X
K10P62X	16.7	0.15	K1128	16.739	187.518	215.486	6.323	0.43088	2.69583	2 X
K10P66Q	17.6	0.15	K1128	19.463	78.758	314.700	24.855	0.11546	1.89383	2 X
K10P77Z	16.9	0.15	K1128	57.858	102.829	229.972	25.552	0.37491	2.64391	3 X
K10P78J	15.6	0.15	K1128	37.029	306.092	69.768	9.152	0.28063	3.04610	4 X
K10P78K	16.5	0.15	K1128	29.628	163.360	237.035	4.362	0.26268	2.63303	3 X

K10R31A	13.1	0.15	K1128	337.082	44.297	49.173	29.900	0.06158	5.26501	2	S
K10R37Z	16.4	0.15	K1128	3.002	66.011	353.456	11.605	0.26381	2.62651	2	X
K10R48A	19.0	0.15	K1128	16.668	211.208	190.247	3.239	0.21021	2.27332	2	X
K10R48Q	17.9	0.15	K1128	29.330	203.662	175.886	0.838	0.18495	2.34530	3	X
K10R51Z	17.1	0.15	K1128	358.669	280.267	141.315	1.889	0.17093	2.44875	7	X
K10R52B	17.4	0.15	K1128	2.487	359.826	56.558	2.003	0.17213	2.47025	5	X
K10R52U	17.6	0.15	K1128	61.986	132.995	198.198	2.318	0.24692	2.20339	4	X
K10R69X	17.3	0.15	K1128	61.311	229.944	101.868	2.351	0.20151	2.36105	6	X
K10R72B	17.7	0.15	K1128	49.094	180.286	166.727	2.241	0.21869	2.37494	7	X
K10R97J	17.4	0.15	K1128	18.799	208.041	182.733	2.775	0.19353	2.42829	5	X
K10RA3H	17.0	0.15	K1128	33.466	165.400	202.379	4.189	0.11262	2.68243	4	X
K10RA6C	17.9	0.15	K1128	126.206	86.582	190.467	2.986	0.09082	2.17674	4	X
K10RC7N	17.2	0.15	K1128	73.594	202.379	114.007	2.172	0.20025	2.35340	2	X
K10RE3S	17.8	0.15	K1128	22.366	191.569	202.436	7.016	0.18406	2.23658	2	X
K10RE5P	17.3	0.15	K1128	323.194	256.594	209.746	4.917	0.14645	2.28599	3	X
K10S37L	15.9	0.15	K1128	49.868	35.638	317.790	9.160	0.15212	2.57450	2	X
K10T07C	14.9	0.15	K1128	0.984	201.993	220.901	16.222	0.13177	3.14360	2	X
K10T47X	16.8	0.15	K1128	34.927	190.979	174.561	1.899	0.09133	2.84367	4	X
K10T81A	15.7	0.15	K1128	29.827	323.686	59.008	10.310	0.22672	3.14830	3	X
K10T90K	17.7	0.15	K1128	1.264	292.991	124.301	2.045	0.17815	2.44315	2	X
K10T95Z	17.4	0.15	K1128	39.357	312.945	46.804	1.669	0.13835	2.65078	2	X
K10TA4H	16.7	0.15	K1128	7.207	287.761	104.982	2.300	0.12969	3.21134	2	X
K10TA5V	17.4	0.15	K1128	69.079	130.665	213.784	3.529	0.17121	2.31884	3	X
K10TG2D	15.9	0.15	K1128	33.014	304.911	76.642	6.968	0.14354	3.13132	4	X
K10TG6M	16.8	0.15	K1128	61.856	249.625	112.107	5.508	0.18060	2.55111	4	X
K10U18W	15.7	0.15	K1128	77.073	279.817	58.594	14.557	0.21202	2.79688	3	X
K10U25G	15.5	0.15	K1128	47.547	306.002	62.340	13.923	0.29206	2.98969	3	X
K10U29A	17.1	0.15	K1128	56.370	181.928	189.605	6.054	0.14067	2.31658	6	X
K10U36Y	14.5	0.15	K1128	50.850	124.558	259.309	16.511	0.06159	3.56366	3	X
K10U55U	16.3	0.15	K1128	275.430	122.534	53.013	13.413	0.14927	2.63978	6	X
K10U64P	15.3	0.15	K1128	339.770	233.302	230.406	26.450	0.22956	3.17989	4	X
K10U69P	15.9	0.15	K1128	12.640	191.403	231.317	9.629	0.16952	3.05969	3	X
K10U70L	15.6	0.15	K1128	356.449	221.739	225.129	14.573	0.24146	3.10298	2	X
K10U70N	17.7	0.15	K1128	39.155	331.647	57.483	4.102	0.22441	2.32689	3	X
K10U73E	17.3	0.15	K1128	19.436	341.572	77.241	5.875	0.15668	2.28729	2	X
K10U74T	17.5	0.15	K1128	36.573	163.668	216.001	3.968	0.35038	2.73769	2	X
K10U95G	16.3	0.15	K1128	6.777	223.925	209.009	14.595	0.10173	2.53082	4	X
K10U96A	15.4	0.15	K1128	31.291	282.582	112.571	10.174	0.12054	3.00156	5	X
K10UA1J	16.5	0.15	K1128	12.792	216.359	174.595	2.414	0.17202	2.99831	2	X
K10V13B	16.0	0.15	K1128	10.355	21.504	48.916	15.218	0.15958	2.61474	2	X
K10V25J	16.6	0.15	K1128	42.651	157.368	237.974	2.099	0.07445	2.80638	2	X
K10V31T	15.6	0.15	K1128	38.804	157.699	215.515	17.205	0.21816	3.12693	3	X
K10V37W	16.3	0.15	K1128	358.680	261.990	184.213	8.228	0.27587	2.76410	3	X
K10V47L	15.3	0.15	K1128	251.220	300.352	252.262	7.578	0.04192	2.16656	2	X
K10V47O	17.5	0.15	K1128	63.876	120.751	250.040	7.277	0.14971	3.28361	2	X
K10V57Z	17.7	0.15	K1128	54.881	300.241	69.027	3.646	0.22379	2.33799	3	X
K10V86M	15.5	0.15	K1128	6.379	215.895	215.018	10.003	0.21803	2.99386	2	X
K10V90C	15.3	0.15	K1128	14.660	168.675	254.263	8.394	0.05464	3.49251	2	X
K10V99J	15.1	0.15	K1128	327.174	261.342	231.463	23.992	0.30868	3.17278	2	X
K10VB1W	16.0	0.15	K1128	356.910	262.190	193.760	13.627	0.24099	3.00277	5	X
K10VB3C	16.0	0.15	K1128	60.117	272.036	85.909	5.440	0.17698	3.04058	2	X
K10VC9D	16.1	0.15	K1128	340.097	3.861	84.380	2.494	0.12824	3.09872	4	X
K10VE3Z	16.2	0.15	K1128	81.323	247.034	99.238	6.861	0.01746	2.70190	3	X
K10VF2C	17.3	0.15	K1128	66.501	209.331	147.894	3.856	0.15192	2.20851	3	X
K10VF9J	16.5	0.15	K1128	29.993	190.593	211.134	7.851	0.20571	2.76808	5	X
K10VI2O	16.3	0.15	K1128	48.225	299.609	81.080	13.019	0.15516	2.60005	3	X
K10VJ3R	16.6	0.15	K1128	54.064	211.768	147.588	4.354	0.26448	2.54997	5	X
K10W08P	18.2	0.15	K1128	356.660	218.090	269.919	18.190	0.44187	2.00307	2	X
K10W71K	16.0	0.15	K1128	66.960	337.892	8.137	5.247	0.29895	2.56693	2	X
PLS430K	17.4	0.15	K1128	37.007	185.083	195.801	5.054	0.26687	2.58223	2	X
PLS6824	16.7	0.15	K1128	43.248	201.931	165.178	6.021	0.33416	2.57997	3	X
T2S3301	17.4	0.15	K1128	85.650	164.179	164.592	3.918	0.21482	2.37956	5	X
T3S2323	15.9	0.15	K1128	71.474	32.235	333.217	3.734	0.21961	2.55110	5	X

## New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K10J86T	15.1	0.15	K1128	21.924	331.890	26.671	26.419	0.48880	3.20216	213	X
<b>K10K10R</b>	<b>19.4</b>	<b>0.15</b>	<b>K1128</b>	<b>63.230</b>	<b>232.838</b>	<b>94.381</b>	<b>1.045</b>	<b>0.58595</b>	<b>2.16840</b>	<b>204</b>	<b>W</b>
K10KC7K	20.8	0.15	K1128	56.252	157.615	182.571	6.945	0.42493	2.22949	177	X
K10L86F	17.2	0.15	K1128	15.844	165.234	257.029	13.543	0.45996	2.40649	182	X
K10LA9J	10.1	0.15	K1128	6.524	137.925	41.880	24.683	0.32183	13.46986	179	S
K10M00F	16.2	0.15	K1128	32.651	132.374	241.059	21.776	0.30409	2.43646	176	X
K10M01E	17.1	0.15	K1128	38.300	141.901	193.373	4.333	0.45876	3.02806	178	X
K10M51N	18.5	0.15	K1128	152.172	113.873	139.067	33.618	0.24456	1.59574	105	X
K10M75V	17.8	0.15	K1128	28.909	187.495	195.893	2.733	0.14605	2.26865	167	X
K10MA7T	16.1	0.15	K1128	34.053	173.928	195.107	7.939	0.30701	2.66353	163	X
K10MB1U	18.6	0.15	K1128	71.311	156.625	80.256	41.239	0.61263	2.39672	167	H
K10N15Z	17.4	0.15	K1128	71.172	279.909	41.280	22.023	0.21098	2.25838	162	X
K10N24P	16.4	0.15	K1128	27.361	267.464	99.042	2.205	0.16096	3.14271	156	X
K10N42G	15.5	0.15	K1128	37.449	155.031	204.010	14.706	0.14998	2.85171	154	X
K10N62H	16.3	0.15	K1128	55.791	293.460	30.992	21.379	0.21531	3.09886	152	X
K10NA7X	16.0	0.15	K1128	23.005	165.828	210.794	23.391	0.18206	3.06010	179	X
K10O15G	15.2	0.15	K1128	337.187	236.601	211.743	24.857	0.24849	3.19522	145	X
K10O47W	17.5	0.15	K1128	30.458	185.163	203.675	5.763	0.29667	2.60425	140	X
K10O75F	15.1	0.15	K1128	353.892	12.310	50.453	23.440	0.13407	3.09604	136	X
K10O81F	17.5	0.15	K1128	53.802	135.178	227.292	10.949	0.17413	2.33421	137	X

K10O89L	18.4	0.15	K1128	54.354	157.208	201.444	3.770	0.27892	2.31042	135 X
K10O95Q	16.5	0.15	K1128	39.923	257.412	116.758	6.034	0.29688	2.59254	135 X
K10OA1C	20.8	0.15	K1128	110.311	86.820	268.473	13.598	0.22732	1.22110	139 X
K10OA5U	18.1	0.15	K1128	46.494	294.207	77.339	5.888	0.23941	2.39918	133 X
K10OC2R	17.8	0.15	K1128	38.662	209.017	183.716	2.662	0.15852	2.21331	131 X
K10P00F	17.0	0.15	K1128	48.863	103.524	249.459	10.189	0.37028	2.58070	131 X
K10P00H	17.1	0.15	K1128	40.552	290.155	74.307	13.965	0.43333	2.64869	130 X
K10P09M	20.1	0.15	K1128	33.654	163.309	259.300	4.001	0.69451	2.24098	25 X
K10P25O	16.2	0.15	K1128	54.529	78.159	259.606	18.101	0.33759	2.77412	125 X
K10P48C	16.2	0.15	K1128	35.439	155.859	231.525	10.852	0.19034	2.57469	124 X
K10P53W	16.5	0.15	K1128	53.835	184.360	163.792	7.888	0.32330	2.63278	124 X
K10P65S	24.7	0.15	K1128	37.384	153.215	160.592	0.536	0.63153	2.87416	33 X
K10P70Y	15.2	0.15	K1128	12.014	333.533	74.038	29.264	0.19868	3.19376	121 X
K10P71Z	15.4	0.15	K1128	20.626	225.352	179.459	8.461	0.25499	3.03525	121 X
K10P72X	15.2	0.15	K1128	45.380	296.740	64.294	28.407	0.18962	3.16456	120 X
K10Q01S	16.1	0.15	K1128	68.480	255.123	69.108	17.770	0.34896	2.61708	114 X
K10Q01X	15.7	0.15	K1128	36.071	157.442	235.704	13.631	0.24068	2.60828	112 X
K10R04J	24.0	0.15	K1128	64.434	39.562	322.319	2.540	0.35415	1.63846	97 X
K10R51C	17.3	0.15	K1128	21.515	215.405	169.184	1.867	0.21409	2.66815	97 X
K10R77U	18.1	0.15	K1128	44.896	276.909	73.298	2.047	0.25797	2.39541	95 X
K10RD5L	16.7	0.15	K1128	14.261	57.261	344.108	12.093	0.23280	2.66509	95 X
K10RG6O	17.6	0.15	K1128	57.238	142.332	206.724	8.447	0.13230	2.17690	90 X
K10RH1X	17.7	0.15	K1128	351.229	240.172	192.986	2.678	0.17152	2.37607	97 X
K10RI1F	20.6	0.15	K1128	25.327	2.121	51.188	6.249	0.54694	2.20789	90 X
K10S13D	18.8	0.15	K1128	18.396	41.442	359.655	10.590	0.60086	2.68928	74 X
K10T47C	20.4	0.15	K1128	29.382	191.107	232.639	8.746	0.32050	1.73213	64 X
K10TA1B	14.9	0.15	K1128	355.415	182.388	243.064	15.529	0.28274	3.09788	151 X
K10TB9O	16.5	0.15	K1128	38.835	169.224	212.050	14.093	0.29168	2.64836	119 X
K10TH4B	16.7	0.15	K1128	42.469	271.427	86.950	13.343	0.30853	2.64148	148 X
K10U00M	22.2	0.15	K1128	43.527	340.159	48.013	3.793	0.37154	1.89405	54 X
K10U07T	19.5	0.15	K1128	74.940	277.176	65.940	25.427	0.66074	1.58344	40 X
K10U08F	19.0	0.15	K1128	17.140	182.668	235.334	18.274	0.44438	2.47372	40 X
K10V21Q	22.2	0.15	K1128	32.026	28.278	24.873	6.928	0.37683	1.79169	64 X
K10V28C	17.4	0.15	K1128	22.103	213.958	194.718	2.979	0.15811	2.33782	84 X
K10V40C	24.0	0.15	K1128	21.347	169.769	241.991	6.452	0.52742	2.47250	33 X
K10V46A	13.1	0.15	K1128	2.641	13.735	55.168	17.127	0.19153	5.22788	82 X
K10V53P	17.7	0.15	K1128	112.559	142.594	160.922	2.472	0.17257	2.22735	97 X
K10V54G	16.6	0.15	K1128	344.773	234.378	215.950	11.001	0.14465	3.17260	89 X
K10V54Z	16.7	0.15	K1128	45.176	186.072	191.637	3.208	0.15748	2.60326	89 X
K10V95H	16.2	0.15	K1128	10.086	189.375	272.477	13.558	0.51816	3.34373	32 X
K10V98Q	28.2	0.15	K1128	105.091	341.152	46.352	1.475	0.02748	1.02167	29 X
K10VD9F	23.8	0.15	K1128	26.085	112.860	280.294	1.848	0.54478	2.49747	26 X
K10VJ0Y	19.2	0.15	K1128	48.491	142.765	241.909	19.968	0.30938	1.80928	207 X
K10W00H	19.2	0.15	K1128	5.681	67.962	46.694	21.989	0.46821	2.42289	22 X
K10W00J	18.2	0.15	K1128	66.846	107.574	262.613	27.013	0.28535	1.79761	24 X
K10W00L	20.0	0.15	K1128	28.889	129.707	266.368	22.845	0.53648	2.30904	22 X
K10W03G	22.5	0.15	K1128	193.952	217.439	71.651	13.469	0.14614	1.00744	13 X
K10W07Q	18.1	0.15	K1128	348.698	57.201	98.814	13.597	0.55459	2.36927	13 X
K10W07R	23.4	0.15	K1128	337.773	159.140	20.502	1.561	0.23523	1.04620	13 X
K10W08V	21.9	0.15	K1128	40.112	287.441	55.720	8.414	0.67009	2.12515	11 X
K10W09A	25.6	0.15	K1128	3.999	58.049	89.842	1.109	0.31523	1.22544	10 X
K10W09B	23.8	0.15	K1128	23.102	319.766	108.643	2.748	0.48916	2.04794	10 X
K10W09C	23.4	0.15	K1128	125.135	273.472	54.687	17.981	0.27846	1.07883	10 X
K10X00A	25.4	0.15	K1128	20.091	173.672	244.556	2.994	0.57180	2.43261	10 X
K10X00E	25.3	0.15	K1128	19.607	7.929	68.321	14.042	0.51523	2.14135	8 X
K10X00G	20.3	0.15	K1128	57.584	292.460	69.598	38.679	0.44654	1.74356	10 X
K10X00J	19.5	0.15	K1128	349.516	120.672	35.167	19.683	0.57109	2.35137	7 S
K10X00M	23.9	0.15	K1128	13.962	193.182	245.715	4.757	0.51720	2.54373	9 X
K10X00R	26.9	0.15	K1128	42.900	98.727	247.257	5.681	0.66011	1.92084	6 W
K10X00U	25.3	0.15	K1128	73.996	48.950	324.719	0.708	0.29369	1.32989	9 X
K10X00V	23.6	0.15	K1128	14.789	48.463	65.138	24.421	0.17993	1.26827	7 X
K10X00X	27.2	0.15	K1128	19.667	165.055	249.846	1.781	0.60829	2.51196	8 X
K10X00Y	24.2	0.15	K1128	19.920	355.608	76.398	10.315	0.51427	2.19285	7 X
K10X03F	24.4	0.15	K1128	290.695	140.844	77.357	6.041	0.11234	0.95193	9 X
K10X03G	21.7	0.15	K1128	12.273	198.973	261.486	6.994	0.44217	1.99906	9 X
K10X03H	23.7	0.15	K1128	78.627	148.404	252.933	16.698	0.07729	1.16595	8 X
K10X03J	21.3	0.15	K1128	80.588	37.516	297.991	4.719	0.46986	1.37468	6 X
K10X03K	22.7	0.15	K1128	5.285	240.923	248.593	0.995	0.64797	2.33687	7 X
K10X10O	20.2	0.15	K1128	39.061	300.128	78.044	17.767	0.54079	2.00586	6 X
K10X10R	23.5	0.15	K1128	5.241	244.633	239.468	8.782	0.33380	1.60661	8 X
K10X10S	21.6	0.15	K1128	46.585	106.279	250.406	8.521	0.44523	2.01171	6 X
K10X10T	26.5	0.15	K1128	49.149	155.678	257.449	3.250	0.29098	1.38977	5 X
K10X11A	26.1	0.15	K1128	159.956	239.481	66.205	4.576	0.37280	0.90659	5 X
K10X11C	18.4	0.15	K1128	343.321	120.154	94.929	8.897	0.84411	2.45980	8 X
K10X11D	17.9	0.15	K1128	54.733	196.684	118.555	15.805	0.85105	2.24139	7 X
K10X11E	22.9	0.15	K1128	50.282	340.019	73.713	13.659	0.27003	1.38065	5 X
K10X11F	25.3	0.15	K1128	125.579	274.864	69.892	11.750	0.15579	1.08485	4 X
K10X11G	19.8	0.15	K1128	77.415	87.926	256.063	25.202	0.31517	1.65652	4 W
K10X11H	23.2	0.15	K1128	44.384	159.392	252.478	16.199	0.24575	1.52704	5 X
K10X11J	23.9	0.15	K1128	42.824	87.279	265.324	2.274	0.61526	1.93438	5 X
K10X15C	21.4	0.15	K1128	280.945	157.508	94.601	8.378	0.41663	0.73504	6 X
K10X24A	24.8	0.15	K1128	8.015	53.133	70.896	3.503	0.58232	2.14173	2 X
K10X24B	21.7	0.15	K1128	339.124	285.929	263.409	5.619	0.44472	1.29199	2 W
K10X25A	26.8	0.15	K1128	31.864	154.165	258.060	2.956	0.47307	1.84301	2 W
K10X25C	20.4	0.15	K1128	354.111	235.505	304.762	3.017	0.54802	1.82887	2 X
K10X25D	20.6	0.15	K1128	96.629	266.920	84.101	35.199	0.36512	1.26568	2 X

K10X25E	21.2	0.15	K1128	12.219	211.158	264.686	11.696	0.40614	1.86378	1	X
K10X25F	24.1	0.15	K1128	60.229	154.522	252.862	13.462	0.12898	1.32756	1	K
K10X25G	24.8	0.15	K1128	14.712	193.165	255.968	8.145	0.52703	2.22478	1	K
K10X25N	24.9	0.15	K1128	29.557	344.032	87.255	2.017	0.37316	1.66026	1	H
K10X45R	21.6	0.15	K1128	12.025	198.007	233.213	3.289	0.62222	2.88376	2	S
K10X45S	26.6	0.15	K1128	111.278	74.637	257.759	6.104	0.39562	1.08210	2	H
K10X45T	17.3	0.15	K1128	161.712	87.737	202.557	13.679	0.27985	1.60330	2	X
K10X45U	19.6	0.15	K1128	48.512	118.180	278.884	25.284	0.33906	1.94051	1	H

## New one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K10OB8Q	17.3	0.15	K109L	2.132	134.669	250.264	9.665	0.18871	2.71823	130	S
K10P39X	16.0	0.15	K109L	17.966	130.254	240.153	3.375	0.07215	2.78868	124	S
K10RA3D	17.9	0.15	K10AB	34.097	130.680	198.092	4.689	0.16818	2.40327	91	X
K10RB1U	16.7	0.15	K10AB	43.282	293.727	23.225	2.923	0.12585	2.97510	88	S
K10RC9H	15.6	0.15	K109L	98.444	357.366	244.760	11.373	0.07189	3.09249	45	S
K10RD7E	16.5	0.15	K10AB	31.862	101.402	261.395	20.558	0.25580	2.34104	88	S
K10RE5J	16.4	0.15	K10AB	318.488	232.285	194.812	9.151	0.11031	3.05009	87	X
K10RH1A	17.5	0.15	K10AB	309.333	230.295	205.677	4.827	0.14819	2.35679	95	S
K10S34V	17.5	0.15	K10AV	23.922	257.383	89.368	3.126	0.20959	2.36013	71	X
K10T15Q	16.9	0.15	K10AV	353.663	182.868	209.516	16.890	0.15902	2.65002	68	X
K10T37M	17.0	0.15	K10AV	344.626	61.878	353.716	13.108	0.25781	2.63962	64	S
K10T66Z	17.9	0.15	K10AV	353.339	180.989	205.437	3.859	0.14946	2.30907	61	S
K10TA0M	18.4	0.15	K10AB	14.674	278.211	75.071	2.313	0.20741	2.35783	85	X
K10TA2M	17.1	0.15	K10AB	20.460	305.929	41.397	7.000	0.14676	2.27638	85	X
K10TE7Y	16.5	0.15	K10AV	22.364	129.026	241.110	16.946	0.30416	2.60480	60	X
K10TG0H	16.3	0.15	K10AV	36.040	310.168	32.964	14.329	0.03824	2.72141	68	X
K10TG2T	13.2	0.15	K10AV	322.969	23.164	65.433	7.615	0.13971	5.19665	59	X
K10TH1M	15.4	0.15	K10AV	112.039	55.517	222.450	14.352	0.12039	2.85922	58	X
K10U04N	15.4	0.15	K10AV	115.026	37.389	238.162	8.121	0.11646	2.79130	52	S
K10U06F	17.6	0.15	K10AV	23.501	227.209	142.860	3.271	0.21271	2.38091	54	S
K10U09X	16.6	0.15	K10AV	354.389	191.858	215.877	8.171	0.16449	2.98176	54	X
K10U10B	17.0	0.15	K10AV	4.564	184.349	210.824	4.551	0.10810	2.77139	43	X
K10U10Q	17.2	0.15	K10AV	329.862	334.298	214.929	5.001	0.26541	2.61290	54	X
K10U14P	17.5	0.15	K10AV	50.396	208.393	33.045	0.496	0.19941	2.22218	43	X
K10U14T	18.4	0.15	K10AV	19.219	134.170	244.683	1.819	0.25559	2.31750	43	X
K10U16S	16.3	0.15	K10AV	19.770	152.562	242.773	3.455	0.07712	2.79516	43	X
K10U18V	15.8	0.15	K10AV	28.664	142.520	232.710	14.625	0.19814	3.09276	57	X
K10U21W	17.3	0.15	K10AV	357.486	338.473	63.608	6.720	0.22909	2.36857	69	X
K10U24Z	13.1	0.15	K10AV	347.079	198.101	243.970	7.092	0.04062	5.19575	42	S
K10U25L	15.9	0.15	K10AV	28.121	302.404	84.024	2.974	0.13293	3.12524	42	S
K10U25O	15.7	0.15	K10AV	347.531	6.850	72.487	12.275	0.06114	3.07993	42	S
K10U28X	13.0	0.15	K10AV	349.792	200.774	225.218	15.658	0.03155	5.31387	43	S
K10U37A	15.9	0.15	K10AV	46.436	308.659	42.923	10.270	0.22313	2.58681	42	X
K10U37D	15.9	0.15	K10AV	95.118	50.568	258.485	12.251	0.17560	2.73487	40	S
K10U37J	16.1	0.15	K10AV	84.484	73.773	254.656	17.920	0.08705	2.98205	40	S
K10U49B	17.4	0.15	K10BK	41.704	139.620	208.286	1.434	0.21479	2.34597	40	X
K10U50Y	15.7	0.15	K10AV	47.380	114.693	224.096	15.270	0.17208	3.07739	43	X
K10U53E	17.3	0.15	K10AV	57.475	104.178	230.129	18.769	0.09610	1.98438	54	X
K10U56T	14.9	0.15	K10AV	113.764	41.971	243.184	26.880	0.21679	3.16171	58	X
K10U58K	16.8	0.15	K10AV	17.860	138.162	246.484	12.476	0.27187	2.62084	42	X
K10U59A	16.6	0.15	K10AV	312.723	250.362	245.620	19.243	0.26379	3.16900	42	X
K10U59K	16.8	0.15	K10AV	332.501	213.550	249.198	12.974	0.21831	2.62393	41	S
K10U59W	15.5	0.15	K10AV	116.532	49.881	249.622	8.661	0.08354	3.04781	41	S
K10U60C	17.5	0.15	K10AV	19.149	110.277	277.341	1.326	0.23816	2.61797	41	S
K10U60E	16.3	0.15	K10AV	17.959	127.765	264.692	3.040	0.20375	2.58212	41	S
K10U60K	15.4	0.15	K10AV	84.714	79.058	250.317	9.272	0.12129	3.13938	41	S
K10U62E	16.7	0.15	K10AV	339.688	200.868	228.082	24.856	0.18271	2.78599	58	X
K10U72M	17.2	0.15	K10AV	18.839	144.509	237.610	10.702	0.22453	2.40709	58	X
K10U73S	16.1	0.15	K10AV	25.641	231.729	142.557	5.498	0.21402	2.59188	42	X
K10U75J	17.0	0.15	K10AV	322.351	262.543	203.039	5.121	0.17812	2.30289	40	S
K10U81P	18.1	0.15	K10BK	345.129	203.238	230.281	8.125	0.23115	2.75903	40	X
K10U82K	16.6	0.15	K10AV	354.605	248.406	157.318	2.386	0.03990	2.83177	54	X
K10U82Q	16.0	0.15	K10AV	31.316	117.166	242.045	10.211	0.16802	3.18488	40	S
K10U83F	15.9	0.15	K10AV	218.602	324.679	241.353	24.789	0.09692	2.72646	42	X
K10U83U	15.0	0.15	K10AV	0.992	339.889	73.507	20.369	0.12258	3.20334	42	X
K10U92P	16.9	0.15	K10AV	3.178	271.032	123.142	13.776	0.40186	2.87626	63	S
K10U92Q	17.3	0.15	K10AV	345.889	3.106	68.918	10.794	0.28668	2.27397	69	X
K10U94F	16.0	0.15	K10BK	282.465	296.144	258.283	4.774	0.15313	3.14402	40	S
K10U96B	12.6	0.15	K10AV	320.107	35.363	71.160	18.366	0.12114	5.17630	42	X
K10U96C	16.9	0.15	K10AV	11.776	219.087	170.473	5.515	0.27919	2.63837	42	S
K10U96P	16.0	0.15	K10AV	14.974	270.229	114.219	13.030	0.17612	2.68179	60	S
K10U96Y	16.6	0.15	K10AV	7.478	181.105	218.481	11.602	0.18050	2.63475	43	X
K10U97L	13.3	0.15	K10AV	346.380	335.244	96.577	6.149	0.09973	5.23483	43	X
K10U97W	15.8	0.15	K10AV	56.638	264.517	84.921	9.100	0.06865	3.10700	43	X
K10U98L	14.9	0.15	K10AV	273.972	117.589	43.535	27.423	0.22359	3.19470	41	X
K10UA2G	16.2	0.15	K10BK	349.040	331.199	103.176	3.322	0.16797	2.99828	41	S
K10UA6M	16.4	0.15	K10AV	15.564	99.039	293.064	7.447	0.21532	2.57834	40	S
K10V11G	21.0	0.15	K10BK	3.596	169.906	239.985	4.785	0.43213	2.42655	38	S
K10V11R	5.5	0.15	K10BK	53.043	233.372	83.712	34.824	0.44584	42.67076	35EW	
K10V13N	17.0	0.15	K10AB	39.079	114.887	231.613	0.901	0.23787	2.22305	83	X
K10V14Q	17.1	0.15	K10BK	24.674	318.139	62.042	7.076	0.16755	2.25174	39	S
K10V14V	16.9	0.15	K10BK	338.685	214.077	231.176	12.947	0.12309	2.60472	39	X
K10V23U	16.4	0.15	K10AV	14.071	156.266	237.295	14.539	0.20014	3.03734	43	X
K10V24P	17.5	0.15	K10BK	38.571	131.203	230.780	6.026	0.20997	2.51591	39	X
K10V25H	15.1	0.15	K10AV	93.604	80.005	244.866	13.659	0.03560	3.14844	57	X

K10V25K	18.2	0.15	K10AV	334.207	30.627	61.885	3.488	0.18278	2.22795	57 X
K10V25L	16.1	0.15	K10BK	67.587	280.601	66.615	4.012	0.10250	3.05202	39 X
K10V25U	17.7	0.15	K10BK	339.837	21.924	66.980	4.378	0.16128	2.43942	39 X
K10V25X	17.7	0.15	K10BK	334.622	256.344	200.473	1.518	0.17113	2.41788	39 X
K10V26C	16.2	0.15	K10BK	285.845	57.838	95.874	1.423	0.13868	3.04084	37 S
K10V26E	18.8	0.15	K10AV	9.138	170.775	227.818	3.298	0.21670	2.27556	56 X
K10V26K	17.8	0.15	K10BK	9.288	345.487	58.489	6.630	0.32633	2.60384	38 S
K10V26Q	18.6	0.15	K10AV	21.399	153.563	226.820	2.329	0.23027	2.23594	57 X
K10V26W	17.8	0.15	K10BK	322.227	56.450	61.436	24.250	0.16298	2.24781	39 X
K10V26X	17.1	0.15	K10BK	334.162	228.933	241.730	11.052	0.25070	2.64585	39 S
K10V27J	16.0	0.15	K10BK	27.485	157.069	238.349	9.124	0.10737	3.01348	37 S
K10V27S	17.3	0.15	K10BK	357.925	357.140	64.749	2.801	0.07173	2.22945	39 X
K10V28S	16.1	0.15	K10BK	52.860	282.348	62.704	12.236	0.08173	3.18643	38 S
K10V28T	16.4	0.15	K10BK	20.990	321.242	59.757	12.708	0.10862	2.71283	38 X
K10V34D	18.0	0.15	K10AV	35.575	307.456	45.897	6.934	0.24079	2.25355	69 X
K10V36S	16.6	0.15	K10BK	38.916	261.734	98.342	10.308	0.22900	2.58814	36 S
K10V37F	15.5	0.15	K10BK	12.462	314.758	88.736	17.471	0.23433	3.09968	35 X
K10V37U	17.6	0.15	K10BK	340.934	347.941	95.205	6.105	0.19858	2.27205	35 S
K10V37Z	15.1	0.15	K10BK	59.678	257.416	71.807	17.183	0.20721	3.13634	35 S
K10V38X	15.9	0.15	K10BK	297.448	59.076	63.252	22.984	0.06716	2.66191	34 S
K10V39F	17.1	0.15	K10BK	12.439	332.099	65.819	14.685	0.25405	2.61642	35 X
K10V39M	17.2	0.15	K10AV	350.640	342.292	82.973	7.921	0.15423	2.33390	42 X
K10V39N	15.0	0.15	K10BK	53.126	156.713	208.489	9.515	0.03831	3.20233	34 S
K10V46C	15.3	0.15	K10AV	276.538	267.310	244.567	20.694	0.08800	3.18422	58 X
K10V47T	15.8	0.15	K10BK	338.398	188.700	243.335	8.389	0.03532	3.06678	36 S
K10V47V	17.4	0.15	K10BK	282.076	158.797	357.461	1.971	0.09065	2.36229	38 X
K10V48O	17.3	0.15	K10BK	345.750	359.244	88.313	3.097	0.14968	2.34465	36 S
K10V48Z	15.5	0.15	K10BK	345.858	159.864	267.891	10.056	0.06332	3.21280	36 X
K10V51N	14.7	0.15	K10AV	165.793	222.018	34.862	10.556	0.03308	3.15341	41 S
K10V57Y	17.7	0.15	K10BK	357.649	226.217	195.924	2.047	0.18678	2.39766	41 X
K10V58B	12.5	0.15	K10BK	356.135	356.112	71.042	19.350	0.12936	5.17479	41 X
K10V61B	16.2	0.15	K10BK	358.140	223.688	203.724	11.265	0.24816	2.62496	35 S
K10V61K	17.2	0.15	K10BK	12.962	157.811	232.876	33.546	0.22222	2.58934	34 S
K10V62Y	16.1	0.15	K10BK	340.434	43.154	55.606	12.510	0.14660	2.66239	33 S
K10V64Q	16.7	0.15	K10BK	27.700	237.648	147.980	2.854	0.09410	2.68915	34 X
K10V69J	16.9	0.15	K10BK	11.103	278.786	121.217	5.517	0.19650	2.67015	35 X
K10V71K	15.9	0.15	K10BK	110.718	203.435	85.134	13.322	0.16203	2.55765	34 X
K10V71Q	17.2	0.15	K10BK	23.191	318.163	74.211	6.801	0.10498	2.24107	41 X
K10V72W	16.0	0.15	K10BK	279.347	90.999	53.713	15.026	0.15128	3.07650	38 X
K10V78H	18.1	0.15	K10BK	329.515	52.316	38.263	10.948	0.15586	2.38960	33 S
K10V81Q	16.4	0.15	K10BK	15.206	154.186	254.946	11.316	0.16914	2.78379	36 S
K10V83B	17.4	0.15	K10BK	43.185	90.032	264.795	3.141	0.29886	2.57362	34 S
K10V83N	15.8	0.15	K10AV	354.074	359.261	64.206	2.250	0.12110	3.01475	43 X
K10V84S	16.4	0.15	K10BK	313.775	236.792	242.019	1.472	0.07742	2.99759	35 X
K10V85A	15.5	0.15	K10BK	3.153	180.455	238.852	14.898	0.05542	3.16153	35 X
K10V85Q	17.5	0.15	K10BK	331.928	221.984	240.797	8.124	0.15062	2.64196	35 X
K10V85T	17.4	0.15	K10AV	24.774	136.602	238.974	5.698	0.25842	2.63934	43 X
K10V85Y	16.1	0.15	K10BK	31.289	136.529	244.594	4.023	0.19666	3.05689	34 S
K10V86R	15.9	0.15	K10BK	132.692	216.251	52.861	10.433	0.06382	3.17086	39 X
K10V88C	16.8	0.15	K10AV	17.474	141.616	245.326	10.721	0.22073	3.04083	42 X
K10V89C	17.1	0.15	K10BK	59.219	84.851	245.589	14.392	0.28571	2.41482	34 X
K10V90P	16.2	0.15	K10BK	281.671	270.300	255.673	9.806	0.19095	2.59518	34 X
K10V90X	16.5	0.15	K10AV	34.612	71.541	294.197	2.592	0.23982	2.57059	42 X
K10V91H	15.9	0.15	K10BK	76.720	352.431	349.199	1.501	0.07628	2.86200	32 S
K10V91M	17.6	0.15	K10BK	34.059	134.157	246.815	4.362	0.13959	2.22101	33 S
K10V93E	16.4	0.15	K10BK	13.648	300.962	91.405	15.429	0.10675	2.48166	32 S
K10V96H	18.2	0.15	K10BK	5.679	195.459	224.483	1.474	0.18779	2.36728	30 S
K10V96O	16.0	0.15	K10BK	30.671	313.663	66.204	1.370	0.25866	2.97654	31 S
K10V98K	13.1	0.15	K10BK	34.869	151.043	214.340	3.768	0.06145	5.29399	31 X
K10V99N	18.1	0.15	K10BK	20.574	294.067	94.885	0.841	0.18197	2.20003	39 X
K10VA0E	15.2	0.15	K10BK	35.114	142.252	241.168	9.192	0.00771	3.10450	35 X
K10VA0X	17.8	0.15	K10AV	358.740	181.044	230.656	14.317	0.25503	2.67551	62 X
K10VA4M	16.1	0.15	K10AV	36.675	305.078	60.484	15.068	0.10914	2.68538	43 X
K10VA4N	16.6	0.15	K10AV	325.999	232.731	235.230	30.682	0.22527	2.61533	43 S
K10VA4P	16.1	0.15	K10BK	44.210	274.017	84.924	8.452	0.22067	2.59452	35 S
K10VA4S	15.7	0.15	K10BK	359.251	350.867	68.922	12.058	0.15562	3.04738	35 X
K10VA4X	13.7	0.15	K10BK	346.296	7.787	66.524	20.143	0.08552	5.14975	35 X
K10VA5Y	17.8	0.15	K10BK	5.981	191.370	216.242	10.988	0.14471	2.52843	35 X
K10VA6O	13.6	0.15	K10BK	350.386	330.917	95.709	7.141	0.08786	5.18537	35 X
K10VB2A	17.1	0.15	K10BK	359.385	195.699	223.527	6.742	0.07656	2.32388	33 X
K10VB2L	17.6	0.15	K10AV	36.189	140.750	224.227	5.648	0.14331	2.16699	57 X
K10VB2W	15.7	0.15	K10BK	295.884	265.153	224.411	9.416	0.05549	2.99946	41 X
K10VB3N	16.4	0.15	K10BK	6.085	306.395	102.150	3.465	0.32649	2.98912	33 X
K10VB4W	13.5	0.15	K10BK	274.176	245.811	269.399	11.858	0.00959	5.24023	31 S
K10VB5D	17.7	0.15	K10BK	58.898	205.437	122.503	3.892	0.24783	2.16399	33 S
K10VB5E	13.9	0.15	K10BK	321.059	277.112	183.373	7.391	0.08419	5.13883	33 X
K10VB7A	17.0	0.15	K10BK	42.881	313.964	38.036	11.382	0.23695	2.58294	31 X
K10VB9S	13.7	0.15	K10BK	111.382	137.656	169.924	2.543	0.05067	5.20288	31 X
K10VB9Y	18.2	0.15	K10BK	3.651	344.466	71.309	6.155	0.19174	2.30235	32 X
K10VC5M	17.1	0.15	K10BK	330.178	47.298	71.943	13.786	0.29927	3.07441	32 X
K10VC6E	15.5	0.15	K10BK	337.138	339.366	104.856	8.331	0.12215	3.19011	32 X
K10VD0J	18.3	0.15	K10BK	23.959	304.275	69.498	2.999	0.20030	2.42374	30 S
K10VD7R	15.8	0.15	K10BK	46.480	163.551	191.980	14.237	0.22525	2.59545	29 X
K10VD8C	16.7	0.15	K10BK	308.443	230.894	250.172	11.936	0.21822	2.62536	27 S
K10VE0H	17.3	0.15	K10BK	48.990	310.415	32.586	6.491	0.16536	2.33140	34 S
K10VE9A	13.4	0.15	K10BK	352.335	354.424	73.884	17.628	0.07901	5.18209	34 X



K10VF0A	18.0	0.15	K10AV	22.131	208.911	162.764	3.108	0.26486	2.53255	70	X
K10VF0D	17.9	0.15	K10BK	283.659	51.702	87.437	5.916	0.04658	2.36943	34	X
K10VG0C	16.4	0.15	K10BK	14.712	308.954	95.932	8.850	0.24123	3.06890	30	S
K10VG0D	16.1	0.15	K10BK	10.966	329.328	77.772	15.392	0.12017	2.69127	30	S
K10VG8K	15.7	0.15	K10BK	68.472	238.114	104.769	11.906	0.06408	3.10686	30	X
K10VG8Y	17.2	0.15	K10BK	138.095	44.052	228.906	1.179	0.17655	2.39624	29	S
K10VG9Q	13.0	0.15	K10BK	6.936	171.573	246.821	25.707	0.07031	5.21722	30	X
K10VH0C	15.6	0.15	K10BK	316.404	235.375	246.576	4.623	0.15940	3.05617	30	X
K10VH1E	13.2	0.15	K10BK	294.312	249.962	245.855	14.881	0.02028	5.23430	28	S
K10VH1G	15.4	0.15	K10AV	106.124	64.732	245.025	12.232	0.06049	3.01632	57	X
K10VH1N	17.9	0.15	K10BK	18.578	333.077	64.953	8.572	0.18575	2.54019	28	S
K10VH2C	18.4	0.15	K10BK	335.946	212.060	243.782	6.604	0.13908	2.22697	30	X
K10VH2U	16.1	0.15	K10BK	114.649	238.772	70.225	12.130	0.05370	3.08728	29	S
K10VH3B	16.0	0.15	K10BK	293.685	283.140	244.513	8.375	0.27305	3.05921	29	S
K10VH3E	18.4	0.15	K10BK	359.790	191.345	235.709	1.011	0.18103	2.32258	29	S
K10VH3K	15.2	0.15	K10BK	38.750	135.299	250.972	12.001	0.08898	3.05341	28	S
K10VH3Q	17.4	0.15	K10BK	47.570	112.352	246.566	6.311	0.21078	2.62116	29	S
K10VH3R	16.8	0.15	K10BK	358.313	342.831	73.389	15.073	0.23280	2.68412	37	X
K10VH4X	17.6	0.15	K10BK	291.288	279.166	222.591	6.662	0.13059	2.48104	29	X
K10VH5H	16.0	0.15	K10BK	112.413	66.590	227.258	11.605	0.12251	2.68224	36	X
K10VH5J	18.2	0.15	K10BK	45.783	168.885	181.160	2.393	0.22276	2.33744	29	X
K10VH6Y	16.3	0.15	K10BK	359.442	164.567	260.993	13.498	0.11964	2.57542	26	S
K10VI2N	16.3	0.15	K10BK	41.852	285.309	77.028	15.807	0.16975	2.86681	36	S
K10VI2U	16.2	0.15	K10AB	329.274	61.182	20.901	16.008	0.17698	2.76324	85	X
K10VI3Y	16.9	0.15	K10BK	8.070	48.949	4.611	5.671	0.19661	2.63726	27	X
K10VI7D	16.8	0.15	K10AV	29.121	207.710	158.274	7.204	0.23223	2.62888	61	X
K10VI7L	16.0	0.15	K10BK	332.308	238.157	258.008	28.901	0.36613	2.65264	26	S
K10VI8B	14.0	0.15	K10BK	320.564	249.767	204.003	14.947	0.04063	5.27450	27	X
K10VI8C	13.3	0.15	K10BK	271.532	65.920	87.081	11.322	0.12781	5.25927	27	X
K10VI8J	16.7	0.15	K10BK	14.632	149.954	264.554	23.306	0.28630	2.44577	27	X
K10VJ2X	15.1	0.15	K10BK	322.233	68.869	58.019	26.393	0.24018	3.21536	28	S
K10VJ4D	18.5	0.15	K10BK	341.522	210.684	229.875	9.639	0.09200	2.29873	27	X
K10VJ5U	18.6	0.15	K10BK	40.792	270.332	77.703	2.333	0.19878	2.14596	28	X
K10VJ8P	16.3	0.15	K10BK	70.930	99.004	246.426	4.866	0.05008	2.73947	27	X
K10VJ8Q	16.2	0.15	K10BK	74.108	269.119	71.211	16.179	0.02091	2.65821	27	X
K10VJ8Y	17.3	0.15	K10AV	8.338	155.577	252.358	6.989	0.22416	2.77380	41	S
K10VJ9N	12.9	0.15	K10BK	351.882	312.319	113.309	5.429	0.09652	5.18988	35	X
K10VJ9X	16.8	0.15	K10BK	13.391	295.774	99.865	11.186	0.22272	2.74927	32	S
K10VK0A	15.0	0.15	K10BK	67.534	251.954	81.120	12.486	0.16340	3.08424	34	X
K10VK0C	17.0	0.15	K10BK	346.221	351.352	91.836	12.421	0.23599	2.42016	34	X
K10VK0Z	14.8	0.15	K10BK	335.181	210.915	257.831	27.416	0.19888	3.19236	28	S
K10VK1K	4.5	0.15	K10AV	182.594	67.416	160.118	29.453	0.09404	43.73829		2EW
K10VK1L	6.2	0.15	K10AV	352.351	311.693	106.209	5.401	0.21960	44.03987		1EW
K10W01A	17.8	0.15	K10BK	290.561	69.612	73.218	23.233	0.13006	1.90076	26	X
K10W01B	17.6	0.15	K10BK	312.920	244.821	233.129	19.117	0.09755	1.93095	32	X
K10W02O	16.4	0.15	K10BK	314.560	41.031	71.508	10.490	0.06653	2.65735	14	X
K10W06U	16.3	0.15	K10BK	327.425	219.269	248.234	10.851	0.11377	3.06617	12	S
K10W06V	16.4	0.15	K10BK	315.752	322.478	158.829	0.226	0.11042	3.15137	12	S
K10W07A	16.7	0.15	K10BK	45.684	300.315	73.909	5.689	0.07882	2.79798	12	S
K10W07B	16.1	0.15	K10BK	49.242	296.372	72.000	8.457	0.10136	2.98317	12	S
K10W07E	15.5	0.15	K10BK	28.162	324.509	71.554	12.128	0.05711	3.08413	12	S
K10W07G	15.7	0.15	K10BK	92.750	240.346	71.767	16.190	0.20486	2.60506	12	S
K10W07T	16.8	0.15	K10BK	65.741	273.695	79.075	2.245	0.11765	2.55131	12	S
K10W08F	15.3	0.15	K10BK	31.874	306.059	70.325	18.272	0.23857	3.15320	12	S
K10W08H	15.6	0.15	K10BK	29.706	141.292	249.094	12.515	0.13934	3.10742	29	S
K10W08N	15.7	0.15	K10BK	188.435	344.809	290.383	8.962	0.14869	2.96348	11	S
K10W12Q	18.0	0.15	K10BK	9.467	180.532	221.485	4.279	0.22104	2.38221	14	X
K10W15H	14.8	0.15	K10BK	64.061	90.306	240.181	35.228	0.24943	3.43617	13	S
K10W15Q	17.5	0.15	K10BK	24.389	180.119	200.584	4.200	0.24936	2.61549	14	X
K10W16A	17.5	0.15	K10BK	17.365	273.075	123.146	1.996	0.18735	2.35202	14	X
K10W19V	17.2	0.15	K10BK	358.907	358.736	69.221	2.169	0.18044	3.01748	12	S
K10W21K	15.1	0.15	K10BK	112.374	54.522	247.428	9.604	0.13275	3.02344	12ES	
K10W21R	17.2	0.15	K10BK	356.220	16.673	52.950	1.166	0.08104	2.62792	13	X
K10W21S	15.9	0.15	K10BK	342.030	201.190	247.595	3.411	0.12328	3.16921	13	X
K10W22C	13.7	0.15	K10BK	127.717	237.934	61.827	5.560	0.00332	5.06380	12	S
K10W24F	12.8	0.15	K10BK	342.805	197.649	250.818	28.736	0.09848	5.13718	12	S
K10W26S	16.0	0.15	K10BK	38.308	316.477	51.708	5.049	0.21050	2.58728	12	S
K10W29D	17.2	0.15	K10BK	341.407	359.300	89.618	15.593	0.22862	2.63335	13	S
K10W29F	17.0	0.15	K10BK	3.765	310.486	103.545	10.853	0.25660	2.71486	13	S
K10W29Q	17.2	0.15	K10BK	29.632	262.929	118.365	4.920	0.15409	2.31528	11	S
K10W29T	17.1	0.15	K10BK	33.530	262.312	102.755	11.396	0.26218	2.65111	13	S
K10W29X	16.8	0.15	K10BK	339.118	13.137	76.427	6.233	0.03297	2.71945	12	S
K10W30L	15.2	0.15	K10BK	13.148	166.393	245.760	9.827	0.05952	3.13624	12	S
K10W30Q	17.7	0.15	K10BK	46.275	134.199	222.613	1.601	0.22030	2.28764	11	S
K10W30T	16.3	0.15	K10BK	359.478	184.044	243.680	8.453	0.06992	3.12740	12	S
K10W30U	15.9	0.15	K10BK	156.254	194.418	73.136	12.990	0.08599	2.90149	12	S
K10W31R	17.9	0.15	K10BK	42.541	142.583	221.137	0.521	0.19798	2.34000	13	X
K10W31W	16.8	0.15	K10BK	0.238	357.171	66.418	14.183	0.20228	2.76950	12	X
K10W32F	15.6	0.15	K10BK	12.891	341.422	69.796	2.099	0.05370	3.20374	13	X
K10W33D	14.2	0.15	K10BK	11.300	176.177	237.312	6.150	0.12426	5.28156	12	S
K10W33S	15.3	0.15	K10BK	272.479	87.605	74.824	11.257	0.07842	3.17705	13	X
K10W34A	15.6	0.15	K10BK	188.619	154.251	84.405	3.014	0.05529	2.94426	13	X
K10W34B	15.6	0.15	K10BK	299.298	266.686	228.641	3.683	0.08066	3.05176	13	X
K10W38O	17.2	0.15	K10BK	79.655	225.617	103.403	3.694	0.12640	2.20060	11	S
K10W45L	18.2	0.15	K10BK	9.047	344.538	72.055	2.167	0.12597	2.43044	12	S
K10W45P	18.4	0.15	K10BK	295.855	74.131	72.059	2.350	0.12508	2.37671	12	S

K10W45Z	15.7	0.15	K10BK	53.827	116.975	250.777	20.628	0.08001	3.10493	12 S
K10W46C	16.5	0.15	K10BK	110.056	243.939	70.885	4.142	0.04509	2.73950	12 S
K10W46E	17.8	0.15	K10BK	346.355	236.784	212.820	0.606	0.23850	2.98344	12 S
K10W46L	17.3	0.15	K10BK	355.834	329.255	104.477	0.159	0.23032	2.83788	12 S
K10W47C	18.0	0.15	K10BK	34.391	301.595	68.460	6.380	0.25021	2.33275	12 S
K10W47G	15.3	0.15	K10BK	173.162	184.998	71.948	10.916	0.10538	3.13583	12 S
K10W47U	16.9	0.15	K10BK	320.013	222.440	257.450	4.612	0.12740	2.91944	12 S
K10W48E	18.9	0.15	K10BK	11.972	14.321	34.795	0.573	0.17568	2.18449	12 S
K10W48K	13.8	0.15	K10BK	240.470	403.025	253.199	19.981	0.06921	4.93481	12 S
K10W49C	16.2	0.15	K10BK	317.409	57.123	57.081	4.250	0.05228	2.90131	12 S
K10W49D	13.6	0.15	K10BK	356.010	9.758	64.023	6.810	0.07298	5.22765	12 S
K10W49M	16.6	0.15	K10BK	288.174	244.657	264.229	2.369	0.08743	2.61576	12 S
K10W49P	18.0	0.15	K10BK	327.626	146.348	326.227	0.527	0.18974	2.42318	12 S
K10W49X	16.3	0.15	K10BK	355.177	2.280	71.704	13.217	0.20328	2.67605	31 S
K10W50B	17.3	0.15	K10BK	21.119	140.339	257.117	18.581	0.10174	1.91458	12 S
K10W50J	17.5	0.15	K10BK	340.477	25.157	70.799	3.596	0.17016	3.10805	11ES
K10W50M	16.1	0.15	K10BK	84.172	63.696	273.563	0.947	0.07171	2.85151	11 S
K10W50N	16.0	0.15	K10BK	95.060	66.095	254.325	11.076	0.13086	2.97464	11 S
K10W50P	17.6	0.15	K10BK	196.758	147.052	86.709	5.310	0.05156	2.29882	11 S
K10W50R	16.2	0.15	K10BK	297.952	64.968	79.385	12.462	0.11298	3.00108	11 S
K10W51C	17.4	0.15	K10BK	54.992	269.440	83.686	2.538	0.18012	3.06542	11 S
K10W51R	16.9	0.15	K10BK	301.728	229.802	261.150	12.420	0.11345	2.73375	10 X
K10W52A	16.9	0.15	K10BK	351.055	181.017	257.892	7.918	0.14070	2.54680	11 S
K10W52D	15.0	0.15	K10BK	40.790	319.580	62.013	11.314	0.07650	3.00074	12 X
K10W55D	16.0	0.15	K10BK	66.967	285.344	92.108	7.052	0.06887	2.72664	12 X
K10W55G	17.1	0.15	K10BK	37.540	106.922	288.103	1.656	0.19432	2.54134	12 X
K10W55H	16.4	0.15	K10BK	358.888	183.575	267.951	17.314	0.17052	3.10723	11 S
K10W55J	16.6	0.15	K10BK	296.576	63.539	100.845	7.100	0.08684	2.78484	12 S
K10W55K	16.1	0.15	K10BK	11.656	335.693	95.778	9.921	0.26885	3.20981	11 S
K10W55L	18.4	0.15	K10BK	7.221	342.639	93.661	5.864	0.15520	2.26915	12 X
K10W55R	15.5	0.15	K10BK	37.873	301.202	106.742	10.207	0.15554	3.24351	12 X
K10W55S	16.0	0.15	K10BK	346.001	7.906	104.952	11.481	0.07036	3.01504	11 S
K10W56C	18.1	0.15	K10BK	343.605	211.749	254.929	17.566	0.42444	3.07963	9 S
K10W56N	18.1	0.15	K10BK	22.759	137.602	257.077	17.494	0.11433	1.85934	9 S
K10W57U	15.8	0.15	K10BK	183.144	352.055	260.213	10.229	0.29802	2.53359	9 S
K10W57Y	17.5	0.15	K10BK	327.509	21.337	90.132	3.161	0.17348	2.62199	9 S
K10W58H	17.4	0.15	K10BK	2.038	347.248	76.040	12.760	0.19372	2.64298	9 S
K10W58O	18.5	0.15	K10BK	20.606	262.551	136.596	0.717	0.12571	2.12812	9 S
K10W58P	13.4	0.15	K10BK	353.698	1.627	75.218	10.664	0.00857	5.12549	9 S
K10W58R	16.3	0.15	K10BK	344.940	11.077	74.762	12.410	0.06501	3.19799	9 S
K10W60L	15.8	0.15	K10BK	25.047	153.214	238.594	8.363	0.09916	2.97052	13 X
K10W60R	16.3	0.15	K10BK	20.214	149.374	250.266	14.812	0.20088	3.11607	12 S
K10W61N	16.6	0.15	K10BK	314.761	84.163	48.469	1.148	0.19360	3.08909	12 S
K10W61O	16.1	0.15	K10BK	15.158	341.942	69.219	10.097	0.08587	3.19896	12 S
K10W61R	18.5	0.15	K10BK	35.439	313.311	61.818	2.333	0.19750	2.32994	12 S
K10W62B	14.7	0.15	K10BK	182.758	353.525	257.913	8.321	0.31604	2.95419	12 S
K10W62E	17.6	0.15	K10BK	58.250	91.891	260.249	3.570	0.17400	2.30382	12 X
K10W64A	14.4	0.15	K10BK	9.042	194.183	228.222	3.947	0.07364	5.22986	11 S
K10W65G	16.0	0.15	K10BK	301.139	263.967	269.664	24.493	0.21577	3.07946	12 S
K10X01H	15.3	0.15	K10BK	48.390	276.495	71.563	26.617	0.22331	3.07715	13 X
K10X01P	16.3	0.15	K10BK	274.881	353.573	174.427	5.013	0.17962	2.54430	8 S
K10X13L	15.2	0.15	K10BK	319.253	216.298	260.489	33.934	0.12488	3.24893	7 S
K10X25M	18.9	0.15	K10BK	2.333	325.454	93.332	32.139	0.35298	2.16414	2 X
K10X26K	17.6	0.15	K10BK	327.451	225.993	242.696	5.074	0.15799	2.30162	9 S
K10X45Q	19.0	0.15	K10CA	40.782	99.011	289.328	30.749	0.35321	2.22968	1ES
K10X51J	17.4	0.15	K10CA	14.873	125.804	305.144	35.532	0.33053	2.57810	0 X
K10X51K	19.1	0.15	K10CA	332.249	7.012	103.478	23.674	0.16083	1.83790	1ES

## New observations:

J90S00M	C2010	12	10.30093	05	22	48.50	+09	18	59.5	20.6	VrEX091G96
J90S00M	C2010	12	10.31024	05	22	47.78	+09	18	59.0	20.6	VrEX091G96
J90S00M	C2010	12	10.31946	05	22	47.10	+09	18	58.2	20.9	VrEX091G96
J90S00M	C2010	12	10.32881	05	22	46.41	+09	18	58.0	21.1	VrEX091G96
J99XE1M	KC2010	12	08.46044409	59	04	49	+39	12	05.8	18.4	VoEX091H20
J99XE1M	KC2010	12	08.46229809	59	05	76	+39	12	15.4	18.3	VoEX091H20
J99XE1M	KC2010	12	08.46414409	59	07	04	+39	12	24.3	18.9	VoEX091H20
J99XE1M	KC2010	12	08.46598509	59	08	62	+39	12	33.0	17.9	VoEX091H20
K00A06C	C2010	12	09.74520	06	33	08.49	-07	39	16.5	18.0	VuEX091379
K00A06C	C2010	12	09.74647	06	33	07.51	-07	39	08.9	17.8	VuEX091379
K00A06C	C2010	12	09.75074	06	33	04.19	-07	38	43.3	17.7	VuEX091379
K00A06C	C2010	12	09.75201	06	33	03.18	-07	38	35.7	17.7	VuEX091379
K00A06C	C2010	12	09.75885	06	32	57.83	-07	37	55.5	18.0	VuEX091379
K00A06C	C2010	12	09.76314	06	32	54.49	-07	37	29.4	17.6	VuEX091379
K00A06C	C2010	12	09.76869	06	32	50.12	-07	36	57.0	17.8	VuEX091379
K00A06C	C2010	12	10.09332	06	28	59.86	-07	02	29.0	16.8	RcEX091844
K00A06C	C2010	12	10.09396	06	28	59.29	-07	02	25.5	16.7	RcEX091844
K00A06C	C2010	12	10.09663	06	28	57.27	-07	02	09.9	16.7	RcEX091844
K00A06C	C2010	12	10.09758	06	28	56.51	-07	02	04.1	16.7	RcEX091844
K00A06C	C2010	12	10.09831	06	28	55.97	-07	02	00.1	17.0	RcEX091844
K00A06C	C2010	12	10.71175	06	21	22.97	-06	04	17.9	17.3	VuEX091379
K00A06C	C2010	12	10.72703	06	21	11.32	-06	02	47.9	17.5	VuEX091379
K00A06C	KC2010	12	11.02039	06	17	43.80	-05	34	22.7	17.1	RcEX091A53
K00A06C	KC2010	12	11.02429	06	17	40.89	-05	33	59.1	16.1	RcEX091A53
K00A06C	KC2010	12	11.03100	06	17	35.84	-05	33	20.6	16.9	RcEX091A53
K00A93Z	C2010	12	10.47812	11	49	24.50	+13	05	10.6	19.9	VoEX091291
K00A93Z	C2010	12	10.48190	11	49	24.13	+13	05	05.2	19.9	VoEX091291

K00A93Z	C2010	12	10.48601	11	49	23.72	+13	04	59.3	19.9	VoEX091291
K00CA10	tC2010	12	10.09998	21	29	26.25	-01	30	54.4	21.1	VoEX091291
K00CA10	tC2010	12	10.10366	21	29	26.91	-01	30	46.5	21.2	VoEX091291
K00CA10	tC2010	12	10.10748	21	29	27.70	-01	30	38.7	21.1	VoEX091291
K00J66Q	C2010	12	10.24134	03	59	06.25	+10	45	32.6	20.7	VrEX091G96
K00J66Q	C2010	12	10.25051	03	59	05.67	+10	45	31.4	21.3	VrEX091G96
K00J66Q	C2010	12	10.25973	03	59	05.06	+10	45	30.0	21.2	VrEX091G96
K00J66Q	C2010	12	10.26898	03	59	04.45	+10	45	28.8	21.0	VrEX091G96
K00J780	C2010	12	09.20346	05	00	08.24	+32	23	28.6	20.3	VrEX091G96
K00J780	C2010	12	09.20929	05	00	07.66	+32	23	27.2	20.6	VrEX091G96
K00J780	C2010	12	09.21507	05	00	07.09	+32	23	25.7	20.7	VrEX091G96
K00J780	C2010	12	09.22093	05	00	06.62	+32	23	24.3	20.7	VrEX091G96
K00QD0N	C2010	12	09.44472	09	47	53.98	+13	42	20.1	20.4	VrEX091G96
K00QD0N	C2010	12	09.45169	09	47	54.16	+13	42	20.3	20.5	VrEX091G96
K00QD0N	C2010	12	09.45866	09	47	54.38	+13	42	20.4	20.5	VrEX091G96
K00QD0N	C2010	12	09.46568	09	47	54.56	+13	42	20.3	20.4	VrEX091G96
K01X01F	C2010	12	10.20421	04	42	40.72	+06	44	19.6	18.7	cEX091704
K01X01F	C2010	12	10.21741	04	42	38.46	+06	44	50.6	19.5	cEX091704
K01X01F	C2010	12	10.24396	04	42	34.05	+06	45	54.2	19.4	cEX091704
K01X01F	C2010	12	10.25723	04	42	31.83	+06	46	26.1	19.1	cEX091704
K02004S	S2010	11	17.28560	18	11	05.94	+65	26	16.9		LEX091C51
K02004S	s2010	11	17.28560	1	+	1064.6340	-	1873.2356	+	6549.0140	EX091C51
K02004S	S2010	11	17.28572	18	11	06.01	+65	26	16.4		LEX091C51
K02004S	s2010	11	17.28572	1	+	998.5451	-	1827.4949	+	6572.2608	EX091C51
K02004S	S2010	11	17.35194	18	11	13.11	+65	28	44.1		LEX091C51
K02004S	s2010	11	17.35194	1	+	955.5312	-	1795.0712	+	6587.5344	EX091C51
K02004S	S2010	11	17.55020	18	11	34.36	+65	36	06.5		LEX091C51
K02004S	s2010	11	17.55020	1	+	1027.6757	-	1836.8303	+	6565.4280	EX091C51
K02004S	S2010	11	17.61655	18	11	41.81	+65	38	35.8		LEX091C51
K02004S	s2010	11	17.61655	1	+	918.4764	-	1759.4173	+	6602.5221	EX091C51
K02004S	S2010	11	17.68251	18	11	48.96	+65	41	04.0		LEX091C51
K02004S	s2010	11	17.68251	1	+	1008.3834	-	1818.7948	+	6573.1999	EX091C51
K02004S	S2010	11	17.74872	18	11	56.34	+65	43	32.1		LEX091C51
K02004S	s2010	11	17.74872	1	+	965.0144	-	1786.7249	+	6588.4115	EX091C51
K02004S	S2010	11	17.81468	18	12	03.60	+65	46	01.6		LEX091C51
K02004S	s2010	11	17.81468	1	+	1054.7574	-	1845.1863	+	6558.4777	EX091C51
K02004S	S2010	11	17.81481	18	12	03.79	+65	46	00.8		LEX091C51
K02004S	s2010	11	17.81481	1	+	988.2178	-	1799.9541	+	6581.3222	EX091C51
K02004S	S2010	11	17.88103	18	12	11.14	+65	48	31.2		LEX091C51
K02004S	s2010	11	17.88103	1	+	944.9526	-	1767.9195	+	6596.4535	EX091C51
K02004S	S2010	11	18.01333	18	12	26.18	+65	53	29.9		LEX091C51
K02004S	s2010	11	18.01333	1	+	925.3154	-	1749.3892	+	6604.1465	EX091C51
K02004S	S2010	11	18.14564	18	12	41.26	+65	58	30.9		LEX091C51
K02004S	s2010	11	18.14564	1	+	905.6904	-	1731.5518	+	6611.4450	EX091C51
K02004S	S2010	11	18.27781	18	12	56.67	+66	03	32.8		LEX091C51
K02004S	s2010	11	18.27781	1	+	952.4340	-	1758.6003	+	6597.8162	EX091C51
K02004S	S2010	11	18.34377	18	13	04.35	+66	06	04.1		LEX091C51
K02004S	s2010	11	18.34377	1	+	1042.8281	-	1816.5445	+	6568.4486	EX091C51
K02004S	S2010	11	18.34390	18	13	04.44	+66	06	04.4		LEX091C51
K02004S	s2010	11	18.34390	1	+	975.8174	-	1771.8084	+	6590.8834	EX091C51
K03L00G	C2010	12	09.09388	22	55	43.49	-20	41	40.9	21.9	VoEX091291
K03L00G	HC2010	12	09.10371	22	55	43.75	-20	41	34.0		oEX091291
K03L00G	HC2010	12	09.11284	22	55	44.12	-20	41	29.2		oEX091291
K04B11L	S2010	11	26.36570	10	05	14.60	-04	49	13.2		LEX091C51
K04B11L	s2010	11	26.36570	1	-	6053.4031	+	3288.5617	-	543.2204	EX091C51
K04B11L	S2010	11	26.43179	10	05	04.68	-04	48	36.5		LEX091C51
K04B11L	s2010	11	26.43179	1	-	6060.5634	+	3279.5510	-	517.0031	EX091C51
K04B11L	S2010	11	26.49787	10	04	55.10	-04	48	03.1		LEX091C51
K04B11L	s2010	11	26.49787	1	-	6067.7278	+	3270.4828	-	489.8391	EX091C51
K04B11L	S2010	11	26.56409	10	04	45.20	-04	47	29.0		LEX091C51
K04B11L	s2010	11	26.56409	1	-	6064.3396	+	3268.1482	-	545.2234	EX091C51
K04B11L	S2010	11	26.69627	10	04	25.43	-04	46	17.2		LEX091C51
K04B11L	s2010	11	26.69627	1	-	6078.3115	+	3250.1100	-	492.9411	EX091C51
K05GC0C	C2010	12	08.83536	01	26	12.95	+26	34	37.9	15.8	VvEX091J93
K05GC0C	C2010	12	08.83677	01	26	13.80	+26	34	48.7	15.8	VvEX091J93
K05GC0C	C2010	12	08.83819	01	26	14.55	+26	34	59.7	15.9	VvEX091J93
K05GC0C	KC2010	12	09.89110	01	35	53.21	+28	40	05.7	15.7	RcEX091A53
K05GC0C	KC2010	12	09.89804	01	35	56.59	+28	40	49.3	16.4	RcEX091A53
K05GC0C	KC2010	12	09.90534	01	36	00.12	+28	41	34.6	15.7	RcEX091A53
K05GC0C	KC2010	12	09.91265	01	36	03.68	+28	42	20.3	15.8	RcEX091A53
K05GC0C	KC2010	12	09.91996	01	36	07.20	+28	43	05.6	15.7	RcEX091A53
K05GC0C	KC2010	12	09.92726	01	36	10.73	+28	43	51.0	15.9	RcEX091A53
K05GC0C	JC2010	12	10.07063	01	37	28.25	+28	58	59.9	16.9	VoEX091695
K05GC0C	JC2010	12	10.07124	01	37	28.53	+28	59	03.7	16.9	VoEX091695
K05GC0C	JC2010	12	10.07186	01	37	28.82	+28	59	07.6	16.9	VoEX091695
K05GC0C	JC2010	12	10.07248	01	37	29.11	+28	59	11.4	16.9	VoEX091695
K05GC0C	C2010	12	10.16227	01	38	10.46	+29	08	19.0	16.5	VrEX091703
K05GC0C	C2010	12	10.16454	01	38	11.50	+29	08	32.6	16.4	VrEX091703
K05GC0C	C2010	12	10.16679	01	38	12.55	+29	08	45.9	16.4	VrEX091703
K05GC0C	C2010	12	10.39693	01	40	05.89	+29	31	06.1	16.8	VuEX091379
K05GC0C	C2010	12	10.39882	01	40	06.74	+29	31	17.4	16.8	VuEX091379
K05GC0C	C2010	12	10.40552	01	40	09.66	+29	31	56.4	16.4	VuEX091379
K05GC0C	C2010	12	10.40741	01	40	10.50	+29	32	06.8	16.3	VuEX091379
K05GC0C	C2010	12	10.41608	01	40	14.35	+29	32	57.3	16.8	VuEX091379
K05GC0C	C2010	12	10.41796	01	40	15.19	+29	33	07.6	16.9	VuEX091379
K05GC0C	C2010	12	10.45832	01	40	32.98	+29	36	57.8	16.5	VuEX091379

K05GC0C	C2010	12	10.46605	01	40	36.38	+29	37	41.9	16.9	VuEX091379
K05GC0C	C2010	12	10.46793	01	40	37.18	+29	37	52.4	16.7	VuEX091379
K05GC0C	C2010	12	10.46980	01	40	38.01	+29	38	02.6	16.6	VuEX091379
K05GC0C	KC2010	12	10.86138	01	43	35.91	+30	13	09.7	15.9	RcEX091A53
K05GC0C	KC2010	12	10.86868	01	43	38.97	+30	13	47.9	15.7	RcEX091A53
K05GC0C	KC2010	12	10.87599	01	43	42.02	+30	14	25.4	15.9	RcEX091A53
K05GC0C	KC2010	12	10.88329	01	43	45.11	+30	15	02.7	15.9	RcEX091A53
K06C00V	C2010	12	10.49023	11	47	34.83	+16	52	25.1	22.1	VoEX091291
K06C00V	C2010	12	10.49788	11	47	35.96	+16	52	13.6	22.6	VoEX091291
K06J25Z	KC2010	12	09.28621	02	25	30.52	+30	17	05.0		oEX091291
K06J25Z	KC2010	12	09.29924	02	25	29.99	+30	17	00.1		oEX091291
K06O15G	S2010	11	26.58013	03	47	25.26	-68	18	37.4		LEX091C51
K06O15G	s2010	11	26.58013	1	+	601.2834	+	701.3284	-	6852.4629	EX091C51
K06O15G	S2010	11	26.64622	03	47	51.94	-68	12	41.6		LEX091C51
K06O15G	s2010	11	26.64622	1	+	577.0424	+	714.7102	-	6853.2092	EX091C51
K06O15G	S2010	11	26.71244	03	48	18.97	-68	06	44.8		LEX091C51
K06O15G	s2010	11	26.71244	1	+	627.0532	+	688.7990	-	6851.4636	EX091C51
K06O15G	S2010	11	26.77853	03	48	45.02	-68	00	46.1		LEX091C51
K06O15G	s2010	11	26.77853	1	+	603.4597	+	701.5839	-	6852.3451	EX091C51
K06O15G	S2010	11	26.84461	03	49	11.52	-67	54	49.6		LEX091C51
K06O15G	s2010	11	26.84461	1	+	579.8482	+	714.1647	-	6853.1337	EX091C51
K06O15G	S2010	11	26.91083	03	49	37.73	-67	48	50.5		LEX091C51
K06O15G	s2010	11	26.91083	1	+	629.4405	+	688.1518	-	6851.3051	EX091C51
K06O15G	S2010	11	26.97692	03	50	03.56	-67	42	50.4		LEX091C51
K06O15G	s2010	11	26.97692	1	+	604.6184	+	701.3446	-	6852.2361	EX091C51
K06V14B	C2010	12	08.41633106	25	12.71	+30	54	45.6		14.1	VoEX091H20
K06V14B	C2010	12	08.41980306	25	09.12	+30	54	00.8		13.9	VoEX091H20
K06V14B	C2010	12	08.42261406	25	06.16	+30	53	24.3		14.2	VoEX091H20
K06V14B	C2010	12	08.42491906	25	03.84	+30	52	53.9		14.4	VoEX091H20
K06V14B	C2010	12	08.81752	06	18	34.32	+29	26	01.3	13.9	VvEX091J93
K06V14B	C2010	12	08.81824	06	18	33.61	+29	25	52.0	14.0	VvEX091J93
K06V14B	C2010	12	08.81949	06	18	32.31	+29	25	35.0	13.9	VvEX091J93
K06V14B	C2010	12	09.63131	06	04	30.09	+26	12	39.0	14.0	VuEX091379
K06V14B	C2010	12	09.63940	06	04	21.35	+26	10	37.3	14.2	VuEX091379
K06V14B	C2010	12	09.64242	06	04	18.06	+26	09	51.2	14.1	VuEX091379
K06V14B	C2010	12	09.64797	06	04	12.03	+26	08	27.3	14.2	VuEX091379
K06V14B	C2010	12	09.64925	06	04	10.67	+26	08	08.1	14.2	VuEX091379
K06V14B	KC2010	12	09.96952	05	58	36.27	+24	45	33.9	13.6	RcEX091A53
K06V14B	KC2010	12	09.97060	05	58	35.11	+24	45	16.9	13.8	RcEX091A53
K06V14B	KC2010	12	09.97177	05	58	33.83	+24	44	58.6	13.5	RcEX091A53
K06V14B	KC2010	12	09.97313	05	58	32.36	+24	44	37.2	13.6	RcEX091A53
K06V14B	C2010	12	10.62644	05	47	02.93	+21	47	42.7	13.6	VuEX091379
K06V14B	C2010	12	10.62771	05	47	01.52	+21	47	21.6	13.8	VuEX091379
K06V14B	C2010	12	10.62898	05	47	00.13	+21	47	00.3	13.9	VuEX091379
K06V14B	C2010	12	10.63200	05	46	56.82	+21	46	09.1	13.8	VuEX091379
K06V14B	C2010	12	10.63641	05	46	51.99	+21	44	55.4	13.9	VuEX091379
K06V14B	C2010	12	10.63718	05	46	51.15	+21	44	42.4	13.9	VuEX091379
K06V14B	C2010	12	10.63769	05	46	50.57	+21	44	33.5	13.9	VuEX091379
K06V14B	C2010	12	10.63870	05	46	49.48	+21	44	17.0	13.9	VuEX091379
K06V14B	C2010	12	10.63921	05	46	48.91	+21	44	08.4	13.9	VuEX091379
K06V14B	C2010	12	10.64752	05	46	39.76	+21	41	47.9	14.0	VuEX091379
K06V14B	C2010	12	10.64778	05	46	39.50	+21	41	43.7	14.0	VuEX091379
K06V14B	C2010	12	10.64829	05	46	38.95	+21	41	35.2	14.0	VuEX091379
K06V14B	C2010	12	10.64931	05	46	37.82	+21	41	18.1	14.1	VuEX091379
K06V14B	C2010	12	10.64956	05	46	37.55	+21	41	13.6	13.9	VuEX091379
K06V14B	C2010	12	10.65422	05	46	32.43	+21	39	55.1	14.1	VuEX091379
K06V14B	C2010	12	10.65550	05	46	31.03	+21	39	33.6	14.0	VuEX091379
K06V14B	C2010	12	10.90807	05	42	06.67	+20	27	20.5	13.5	RcEX091A53
K06V14B	C2010	12	10.90944	05	42	05.19	+20	26	57.3	13.8	RcEX091A53
K06V14B	C2010	12	10.91095	05	42	03.53	+20	26	31.0	13.7	RcEX091A53
K06V14B	C2010	12	10.91232	05	42	02.06	+20	26	07.4	13.8	RcEX091A53
K06V14B	KC2010	12	11.05550	05	39	25.70	+19	44	39.2		rEX091203
K06V14B	KC2010	12	11.08497	05	38	53.60	+19	36	01.2		rEX091203
K06WC7P	C2010	12	10.24075	04	03	11.26	+10	16	51.6	20.7	VrEX091G96
K06WC7P	C2010	12	10.24992	04	03	10.18	+10	16	48.5	20.3	VrEX091G96
K06WC7P	C2010	12	10.25918	04	03	09.10	+10	16	44.2	20.1	VrEX091G96
K06WC7P	C2010	12	10.26839	04	03	08.06	+10	16	41.5	20.7	VrEX091G96
K07X09Y	JC2010	12	10.38259	08	44	11.59	+11	30	14.9	21.4	VoEX091695
K07X09Y	JC2010	12	10.38414	08	44	11.36	+11	30	15.4	21.7	VoEX091695
K07X09Y	JC2010	12	10.38571	08	44	11.09	+11	30	15.6	21.6	VoEX091695
K09C05N	JC2010	12	10.51767	12	57	54.77	+21	31	19.4	20.7	VoEX091695
K09C05N	JC2010	12	10.53299	12	57	54.74	+21	31	06.3	20.7	VoEX091695
K09C05N	JC2010	12	10.54549	12	57	54.69	+21	30	55.7	20.5	VoEX091695
K09K05D	C2010	12	10.52458	12	51	55.66	-02	20	29.0		oEX091691
K09K05D	C2010	12	10.53723	12	51	57.74	-02	20	21.6		oEX091691
K09K05D	C2010	12	10.54988	12	51	59.93	-02	20	14.2		oEX091691
K10J33L	C2010	12	09.94756	22	06	51.82	+48	40	32.7	13.9	RuEX091I15
K10J33L	C2010	12	09.95173	22	07	10.26	+48	42	47.9	13.9	RuEX091I15
K10J33L	C2010	12	09.95589	22	07	28.63	+48	45	02.1	13.9	RuEX091I15
K10J33L	KC2010	12	10.72086	23	09	19.23	+54	19	41.7	13.5	RuEX091160
K10J33L	KC2010	12	10.72189	23	09	24.35	+54	20	02.0		uEX091160
K10J33L	KC2010	12	10.72394	23	09	34.59	+54	20	42.3	13.5	RuEX091160
K10J33L	KC2010	12	10.72473	23	09	38.52	+54	20	57.7	13.6	RuEX091160
K10J33L	KC2010	12	10.72550	23	09	42.38	+54	21	12.9	13.5	RuEX091160
K10J33L	KC2010	12	10.72651	23	09	47.41	+54	21	32.6		uEX091160
K10J33L	KC2010	12	10.72794	23	09	54.55	+54	22	00.4		uEX091160

K10J34V	JC2010	12	10.34344	05	35	47.06	+14	21	54.9	22.3	VoEX091695
K10J34V	JC2010	12	10.34600	05	35	46.73	+14	21	54.4	22.0	VoEX091695
K10J34V	JC2010	12	10.34856	05	35	46.40	+14	21	53.5	21.9	VoEX091695
K10J34V	JC2010	12	10.35120	05	35	46.07	+14	21	52.9	22.1	VoEX091695
K10JF1M	2C2010	12	07.19612701	08	24.851+39	16	04.97			21.4	RoEX091568
K10JF1M	2C2010	12	07.19847901	08	24.944+39	16	02.37			21.4	RoEX091568
K10JF1M	2C2010	12	07.20082101	08	25.034+39	15	59.68			21.4	RoEX091568
K10JF1M	KC2010	12	09.02939501	09	43.65	+38	42	05.8		22.8	VoEX091H21
K10JF1M	KC2010	12	09.04511201	09	44.33	+38	41	49.0		22.4	VoEX091H21
K10JF1M	KC2010	12	09.06280401	09	45.06	+38	41	29.3		22.4	VoEX091H21
K10K10R	JC2010	12	10.32199	05	47	06.97	+22	57	24.3	21.3	VoEX091695
K10K10R	JC2010	12	10.32510	05	47	06.60	+22	57	24.4	21.5	VoEX091695
K10K10R	JC2010	12	10.32829	05	47	06.22	+22	57	24.6	21.2	VoEX091695
K10KC7K	KC2010	08	13.35250202	27	15.17	+17	56	32.2		22.4	VoEX091H21
K10KC7K	KC2010	08	13.38638202	27	20.98	+17	56	37.5		22.0	VoEX091H21
K10KC7K	KC2010	08	19.35057202	44	11.98	+18	05	53.3		22.5	VoEX091H21
K10KC7K	KC2010	08	19.38804502	44	17.97	+18	05	54.3		22.1	VoEX091H21
K10L68R	C2010	12	09.78118	07	59	37.38	+14	03	24.0	18.5	VuEX091379
K10L68R	C2010	12	09.78488	07	59	37.36	+14	03	26.7		uEX091379
K10L68R	C2010	12	09.79068	07	59	37.42	+14	03	30.1		uEX091379
K10L68R	C2010	12	09.79647	07	59	37.41	+14	03	34.2		uEX091379
K10L68R	C2010	12	09.79832	07	59	37.42	+14	03	35.8		uEX091379
K10L68R	C2010	12	10.41009	07	59	43.87	+14	10	33.6	17.8	VrEX091G96
K10L68R	C2010	12	10.41840	07	59	43.87	+14	10	39.3	17.8	VrEX091G96
K10L68R	C2010	12	10.42683	07	59	43.87	+14	10	44.9	17.8	VrEX091G96
K10L68R	C2010	12	10.43510	07	59	43.87	+14	10	50.7	17.8	VrEX091G96
K10L68R	C2010	12	10.76891	07	59	46.22	+14	14	39.6	18.5	VuEX091379
K10L68R	C2010	12	10.77470	07	59	46.17	+14	14	43.1		uEX091379
K10L68R	C2010	12	10.78814	07	59	46.21	+14	14	52.8		uEX091379
K10L68R	C2010	12	10.78999	07	59	46.21	+14	14	54.2		uEX091379
K10L68R	C2010	12	10.79763	07	59	46.16	+14	14	59.2		uEX091379
K10L86F	C2010	12	08.99752101	18	59.39	+20	02	30.7		17.9	VoEX091H21
K10L86F	C2010	12	09.03401701	19	05.36	+20	01	39.8		17.9	VoEX091H21
K10L86F	C2010	12	09.08057801	19	12.98	+20	00	34.4		18.0	VoEX091H21
K10L86F	C2010	12	09.09513001	19	15.36	+20	00	13.9		18.1	VoEX091H21
K10L86F	C2010	12	09.11697701	19	18.92	+19	59	43.1		17.8	VoEX091H21
K10L86F	C2010	12	09.11902701	19	19.26	+19	59	40.1		17.6	VoEX091H21
K10L86F	C2010	12	09.13943501	19	22.60	+19	59	11.2		17.7	VoEX091H21
K10L86F	C2010	12	09.16134301	19	26.19	+19	58	40.0		18.1	VoEX091H21
K10L86F	C2010	12	09.18318401	19	29.79	+19	58	09.0		17.8	VoEX091H21
K10L86F	C2010	12	09.20498301	19	33.39	+19	57	37.7		17.7	VoEX091H21
K10L86F	C2010	12	09.49411	01	20	23.20	+19	50	55.5	18.1	VuEX091379
K10L86F	C2010	12	09.49803	01	20	23.86	+19	50	49.8		uEX091379
K10L86F	C2010	12	09.50178	01	20	24.47	+19	50	44.1		uEX091379
K10L86F	C2010	12	09.50943	01	20	25.71	+19	50	33.1		uEX091379
K10L86F	C2010	12	09.51537	01	20	26.71	+19	50	24.8		uEX091379
K10L86F	C2010	12	09.51723	01	20	27.03	+19	50	22.8		uEX091379
K10L86F	KC2010	12	09.86077	01	21	25.97	+19	42	20.0	16.8	RcEX091A53
K10L86F	KC2010	12	09.87136	01	21	27.72	+19	42	04.5	16.8	RcEX091A53
K10L86F	KC2010	12	09.87866	01	21	28.92	+19	41	54.3	17.1	RcEX091A53
K10L86F	C2010	12	10.53924	01	23	22.43	+19	26	43.5	17.7	VuEX091379
K10L86F	C2010	12	10.54112	01	23	22.73	+19	26	40.5		uEX091379
K10L86F	C2010	12	10.55433	01	23	24.92	+19	26	22.0		uEX091379
K10L86F	C2010	12	10.56197	01	23	26.18	+19	26	11.1		uEX091379
K10L86F	C2010	12	10.56777	01	23	27.14	+19	26	02.8		uEX091379
K10L86F	C2010	12	10.57539	01	23	28.42	+19	25	52.2		uEX091379
K10M51N	KC2010	08	22.36553401	57	49.82	-27	43	29.9		20.2	VoEX091H21
K10M51N	KC2010	08	22.37769001	57	50.23	-27	44	01.1		20.3	VoEX091H21
K10M51N	KC2010	08	22.39265901	57	50.77	-27	44	38.7		20.6	VoEX091H21
K10MB1U	2C2010	12	07.21064523	59	09.628-46	55	55.89			23.1	RoEX091568
K10MB1U	2C2010	12	07.21436823	59	09.813-46	55	50.66			23.1	RoEX091568
K10MB1U	2C2010	12	07.22365923	59	10.275-46	55	37.60			23.0	RoEX091568
K10NB7W	S2010	11	15.74952	21	47	21.23	-07	08	04.0		LEX091C51
K10NB7W	s2010	11	15.74952	1	+	5436.9037	-	4126.1462	-	1070.2555	EX091C51
K10NB7W	S2010	11	16.01400	21	48	18.51	-07	04	46.4		LEX091C51
K10NB7W	s2010	11	16.01400	1	+	5454.5408	-	4096.4493	-	1093.9650	EX091C51
K10NB7W	S2010	11	16.14630	21	48	47.43	-07	03	05.1		LEX091C51
K10NB7W	s2010	11	16.14630	1	+	5464.9456	-	4089.4889	-	1066.0009	EX091C51
K10NB7W	S2010	11	16.27848	21	49	16.31	-07	01	24.5		LEX091C51
K10NB7W	s2010	11	16.27848	1	+	5471.7027	-	4066.5289	-	1118.4076	EX091C51
K10NB7W	S2010	11	16.27861	21	49	16.28	-07	01	25.5		LEX091C51
K10NB7W	s2010	11	16.27861	1	+	5475.4044	-	4082.9985	-	1036.5609	EX091C51
K10NB7W	S2010	11	16.41078	21	49	45.08	-06	59	44.1		LEX091C51
K10NB7W	s2010	11	16.41078	1	+	5482.5566	-	4060.3066	-	1088.8314	EX091C51
K10NB7W	S2010	11	16.67539	21	50	43.17	-06	56	23.4		LEX091C51
K10NB7W	s2010	11	16.67539	1	+	5503.3004	-	4046.5076	-	1032.8595	EX091C51
K10NB7W	S2010	11	16.93987	21	51	41.48	-06	52	58.4		LEX091C51
K10NB7W	s2010	11	16.93987	1	+	5520.8009	-	4017.0544	-	1055.1671	EX091C51
K10NB7W	S2010	11	17.07218	21	52	10.64	-06	51	14.3		LEX091C51
K10NB7W	s2010	11	17.07218	1	+	5531.0579	-	4009.5758	-	1027.3915	EX091C51
K10NB7W	S2010	11	17.20435	21	52	40.03	-06	49	31.8		LEX091C51
K10NB7W	s2010	11	17.20435	1	+	5537.6177	-	3986.4683	-	1080.3528	EX091C51
K10NB7W	S2010	11	17.33666	21	53	09.32	-06	47	48.5		LEX091C51
K10NB7W	s2010	11	17.33666	1	+	5548.0940	-	3979.9798	-	1050.5002	EX091C51
K10NB7W	S2010	11	17.46896	21	53	38.80	-06	46	03.9		LEX091C51
K10NB7W	s2010	11	17.46896	1	+	5558.5014	-	3973.3075	-	1021.4624	EX091C51

K10NB7W	S2010	11	17.60114	21	54	08.26	-06	44	18.4		LEX091C51
K10NB7W	s2010	11	17.60114	1	+	5564.8576	-	3949.8228	-	1076.2522	EX091C51
K10OA1C	C2010	12	09.39603	08	46	49.58	+19	12	11.7	19.4	VrEX091G96
K10OA1C	C2010	12	09.40889	08	46	47.53	+19	11	41.2	19.6	VrEX091G96
K10OA1C	C2010	12	09.41530	08	46	46.48	+19	11	25.8	19.5	VrEX091G96
K10P09M	KC2010	08	10.20588723	36	10.21	+14	00	35.7		19.8	VoEX091H21
K10P09M	KC2010	08	10.21045523	36	11.05	+14	00	51.6		19.8	VoEX091H21
K10P09M	KC2010	08	10.21538723	36	11.97	+14	01	08.4		20.1	VoEX091H21
K10P09M	KC2010	08	10.22384423	36	13.56	+14	01	38.0		19.1	VoEX091H21
K10P09M	KC2010	08	10.22806223	36	14.34	+14	01	52.6		19.8	VoEX091H21
K10P65S	KC2010	08	19.18756723	32	02.11	-00	55	54.4		20.3	VoEX091H21
K10P65S	KC2010	08	19.19376223	32	05.63	-00	55	37.3		20.1	VoEX091H21
K10P65S	KC2010	08	19.20016223	32	09.26	-00	55	19.0			oEX091H21
K10R04J	KC2010	12	09.18064703	28	00.19	+29	01	16.8		23.2	VoEX091H21
K10R04J	KC2010	12	09.20085103	28	00.68	+29	01	03.1		22.9	VoEX091H21
K10R04J	KC2010	12	09.22683203	28	01.32	+29	00	45.6		22.8	VoEX091H21
K10RI1F	C2010	12	09.81679	09	47	13.44	+46	22	19.7	18.5	VuEX091379
K10RI1F	C2010	12	09.81870	09	47	13.38	+46	22	19.1		uEX091379
K10RI1F	C2010	12	09.82713	09	47	13.12	+46	22	17.1		uEX091379
K10RI1F	C2010	12	09.84574	09	47	12.61	+46	22	11.3		uEX091379
K10RI1F	C2010	12	09.84762	09	47	12.52	+46	22	10.7		uEX091379
K10RI1F	C2010	12	10.80918	09	47	16.90	+46	18	24.1	18.3	VuEX091379
K10RI1F	C2010	12	10.81110	09	47	16.80	+46	18	24.2		uEX091379
K10RI1F	C2010	12	10.81299	09	47	16.66	+46	18	23.6		uEX091379
K10RI1F	C2010	12	10.81904	09	47	16.43	+46	18	21.9		uEX091379
K10RI1F	C2010	12	10.82578	09	47	16.22	+46	18	19.6		uEX091379
K10RI1F	C2010	12	10.82953	09	47	16.03	+46	18	19.2		uEX091379
K10RI1F	C2010	12	10.83404	09	47	15.88	+46	18	18.0		uEX091379
K10S13D	KC2010	12	10.74830	23	23	10.04	+36	34	54.7	18.5	RuEX091160
K10S13D	KC2010	12	10.74940	23	23	10.38	+36	34	57.8	18.7	RuEX091160
K10S13D	KC2010	12	10.75063	23	23	10.82	+36	35	01.6	18.7	RuEX091160
K10T47C	C2010	12	09.20033	02	43	14.21	+02	09	54.0	18.6	cEX091704
K10T47C	C2010	12	09.20536	02	43	15.06	+02	09	49.0	19.1	VrEX091703
K10T47C	C2010	12	09.21353	02	43	15.94	+02	09	36.8	19.0	cEX091704
K10T47C	C2010	12	09.21487	02	43	16.32	+02	09	36.2	18.9	VrEX091703
K10T47C	C2010	12	09.22673	02	43	17.64	+02	09	20.8	19.1	cEX091704
K10T47C	C2010	12	09.23418	02	43	18.84	+02	09	11.7	19.2	VrEX091703
K10T47C	C2010	12	09.23999	02	43	19.38	+02	09	04.0	18.9	cEX091704
K10T47C	C2010	12	09.25368	02	43	21.19	+02	08	46.6	19.1	cEX091704
K10T47C	KC2010	12	10.10394	02	45	24.54	+01	51	10.0		uEX091115
K10T47C	KC2010	12	10.12579	02	45	27.44	+01	50	43.8		uEX091115
K10T47C	KC2010	12	10.14327	02	45	29.79	+01	50	22.6		uEX091115
K10T47C	C2010	12	10.19294	02	45	37.53	+01	49	27.1	18.5	cEX091704
K10T47C	C2010	12	10.20621	02	45	39.32	+01	49	11.7	18.8	cEX091704
K10T47C	C2010	12	10.21944	02	45	41.03	+01	48	55.4	18.8	cEX091704
K10T47C	C2010	12	10.23268	02	45	42.78	+01	48	39.5	19.5	cEX091704
K10T47C	C2010	12	10.24597	02	45	44.51	+01	48	23.6	18.8	cEX091704
K10U00M	JC2010	12	10.27424	04	01	34.56	+27	36	22.3	22.0	VoEX091695
K10U00M	JC2010	12	10.29581	04	01	34.55	+27	36	30.8	21.4	VoEX091695
K10U00M	JC2010	12	10.35630	04	01	34.64	+27	36	51.8	21.3	VoEX091695
K10U07T	KC2010	12	08.45545910	54	34.46	+40	13	28.8		21.8	VoEX091H21
K10U07T	KC2010	12	08.46304110	54	34.42	+40	13	43.9		22.0	VoEX091H21
K10U07T	KC2010	12	08.46978610	54	34.45	+40	13	57.3		21.7	VoEX091H21
K10V21Q	JC2010	12	10.20926	01	09	26.17	+36	22	27.9	20.7	VoEX091695
K10V21Q	JC2010	12	10.21126	01	09	26.60	+36	22	31.9	20.8	VoEX091695
K10V21Q	JC2010	12	10.21387	01	09	27.15	+36	22	36.8	20.8	VoEX091695
K10V40C	JC2010	12	10.24616	04	02	28.99	+12	53	26.6	22.2	VoEX091695
K10V40C	JC2010	12	10.25188	04	02	29.87	+12	53	20.3	21.9	VoEX091695
K10V40C	JC2010	12	10.25770	04	02	30.77	+12	53	14.0	22.0	VoEX091695
K10V98Q	KC2010	12	09.30525005	01	52.87	+59	40	00.6		21.2	VoEX091H21
K10V98Q	KC2010	12	09.31560105	01	48.12	+59	39	54.1		21.2	VoEX091H21
K10V98Q	KC2010	12	09.32655505	01	43.18	+59	39	46.0		21.6	VoEX091H21
K10VD9F	KC2010	12	09.25185904	14	24.66	+25	02	29.0		22.2	VoEX091H21
K10VD9F	KC2010	12	09.28815604	14	27.86	+25	02	13.4		22.0	VoEX091H21
K10VJ0Y	C2010	12	10.21907	03	22	34.42	+08	04	12.4	18.6	VrEX091G96
K10VJ0Y	C2010	12	10.22486	03	22	34.60	+08	03	59.0	18.5	VrEX091G96
K10VJ0Y	C2010	12	10.23062	03	22	34.82	+08	03	45.6	18.6	VrEX091G96
K10VJ0Y	C2010	12	10.23645	03	22	34.96	+08	03	32.1	18.4	VrEX091G96
K10W00H	KC2010	12	09.37035	06	40	20.20	+64	56	35.6	19.7	VoEX091H21
K10W00H	KC2010	12	09.37330	06	40	20.41	+64	56	44.7	19.7	VoEX091H21
K10W00H	KC2010	12	09.37626	06	40	20.65	+64	56	53.9	19.7	VoEX091H21
K10W00H	KC2010	12	09.37921	06	40	20.86	+64	57	03.0	19.9	VoEX091H21
K10W00H	KC2010	12	09.38069	06	40	20.95	+64	57	07.5	19.9	VoEX091H21
K10W00J	KC2010	12	09.35869	05	51	08.74	+25	59	46.3	18.8	VoEX091H21
K10W00J	KC2010	12	09.36230	05	51	08.25	+25	59	36.6	18.8	VoEX091H21
K10W00J	KC2010	12	09.36598	05	51	07.71	+25	59	26.9	18.8	VoEX091H21
K10W00J	KC2010	12	10.92349	05	47	44.82	+24	51	11.5	17.5	RcEX091A53
K10W00J	KC2010	12	10.93773	05	47	42.83	+24	50	34.2	18.5	RcEX091A53
K10W00J	KC2010	12	10.98897	05	47	36.01	+24	48	19.3	18.2	RcEX091A53
K10W00J	KC2010	12	11.03595	05	47	29.67	+24	46	16.6		rEX091203
K10W00J	KC2010	12	11.06294	05	47	26.05	+24	45	05.8		rEX091203
K10W00L	KC2010	12	09.34173	06	24	15.00	+38	15	18.4	18.0	VoEX091H21
K10W00L	KC2010	12	09.34566	06	24	14.38	+38	14	48.7	18.0	VoEX091H21
K10W00L	KC2010	12	09.35156	06	24	13.44	+38	14	04.1	18.0	VoEX091H21
K10W00L	KC2010	12	09.35561	06	24	12.79	+38	13	33.5	18.0	VoEX091H21
K10W00L	C2010	12	09.65411	06	23	31.87	+37	36	21.1	17.9	VuEX091379

K10W00L	C2010	12	09.65596	06	23	31.55	+37	36	07.1	17.7	VuEX091379
K10W00L	C2010	12	09.66174	06	23	30.64	+37	35	24.3	18.3	VuEX091379
K10W00L	C2010	12	09.66359	06	23	30.37	+37	35	10.4	18.3	VuEX091379
K10W00L	C2010	12	09.66939	06	23	29.43	+37	34	27.0	17.9	VuEX091379
K10W00L	C2010	12	09.67124	06	23	29.13	+37	34	13.1	18.3	VuEX091379
K10W00L	C2010	12	09.67309	06	23	28.86	+37	33	59.6	18.6	VuEX091379
K10W00L	C2010	12	09.67887	06	23	27.94	+37	33	16.1	18.1	VuEX091379
K10W00L	C2010	12	09.68072	06	23	27.63	+37	33	02.4	18.5	VuEX091379
K10W00L	C2010	12	09.68468	06	23	27.02	+37	32	32.6	18.0	VuEX091379
K10W00L	C2010	12	09.68653	06	23	26.72	+37	32	18.7	17.6	VuEX091379
K10W00L	C2010	12	09.68838	06	23	26.44	+37	32	05.0	17.5	VuEX091379
K10W00L	C2010	12	10.66777	06	21	13.42	+35	31	17.2	17.7	VuEX091379
K10W00L	C2010	12	10.66962	06	21	13.12	+35	31	03.5	17.6	VuEX091379
K10W00L	C2010	12	10.67539	06	21	12.28	+35	30	21.3	17.9	VuEX091379
K10W00L	C2010	12	10.67725	06	21	12.01	+35	30	07.5	17.8	VuEX091379
K10W00L	C2010	12	10.68490	06	21	10.84	+35	29	11.6	18.0	VuEX091379
K10W00L	C2010	12	10.68882	06	21	10.26	+35	28	42.9	18.2	VuEX091379
K10W00L	C2010	12	10.69067	06	21	09.98	+35	28	29.1	18.0	VuEX091379
K10W00L	C2010	12	10.69252	06	21	09.72	+35	28	15.5	17.9	VuEX091379
K10W00L	C2010	12	10.69648	06	21	09.10	+35	27	46.7	18.1	VuEX091379
K10W00L	C2010	12	10.69833	06	21	08.84	+35	27	32.9	17.9	VuEX091379
K10W00L	C2010	12	10.70410	06	21	08.00	+35	26	50.5	17.8	VuEX091379
K10W00L	C2010	12	10.70595	06	21	07.71	+35	26	37.1	17.9	VuEX091379
K10W00L	C2010	12	10.70780	06	21	07.43	+35	26	23.3	18.0	VuEX091379
K10W00L	KC2010	12	11.04810	06	20	23.25	+34	44	53.9		rEX091203
K10W00L	KC2010	12	11.07701	06	20	19.08	+34	41	23.1		rEX091203
K10W03G	KC2010	12	09.23962503	28	26.53	+23	49	54.1		20.3	VoEX091H21
K10W03G	KC2010	12	09.24404803	28	25.32	+23	50	11.5		19.9	VoEX091H21
K10W03G	KC2010	12	09.24833903	28	24.11	+23	50	28.1		20.1	VoEX091H21
K10W03G	JC2010	12	10.22083	03	24	19.43	+24	53	09.0	20.3	VoEX091695
K10W03G	JC2010	12	10.22182	03	24	19.16	+24	53	12.7	20.2	VoEX091695
K10W03G	JC2010	12	10.22251	03	24	18.98	+24	53	15.2	20.2	VoEX091695
K10W07Q	KC2010	12	10.05678	04	04	31.22	+04	00	45.6		uEX091I15
K10W07Q	KC2010	12	10.06768	04	04	30.01	+04	00	50.6		uEX091I15
K10W07Q	KC2010	12	10.07858	04	04	28.79	+04	00	56.1		uEX091I15
K10W07Q	C2010	12	10.20039	04	04	15.53	+04	01	57.4	19.0	cEX091704
K10W07Q	C2010	12	10.21360	04	04	14.07	+04	02	03.3	19.1	cEX091704
K10W07Q	C2010	12	10.22685	04	04	12.57	+04	02	09.7	19.3	cEX091704
K10W07Q	C2010	12	10.24013	04	04	11.05	+04	02	16.6	19.1	cEX091704
K10W07Q	C2010	12	10.25338	04	04	09.52	+04	02	22.7	19.3	cEX091704
K10W07R	C2010	12	09.00189102	21	46.98	+30	53	14.6		19.2	VoEX091H21
K10W07R	C2010	12	09.00919102	21	43.02	+30	53	12.4		19.5	VoEX091H21
K10W07R	C2010	12	09.01253002	21	41.20	+30	53	11.3		19.5	VoEX091H21
K10W07R	C2010	12	10.21923	02	11	05.53	+30	41	19.1	19.3	VrEX091703
K10W07R	C2010	12	10.22552	02	11	01.89	+30	41	13.6	19.2	VrEX091703
K10W07R	C2010	12	10.23175	02	10	58.33	+30	41	08.4	19.2	VrEX091703
K10W07R	C2010	12	10.23801	02	10	54.80	+30	41	03.5	19.6	VrEX091703
K10W08P	KC2010	12	09.86534	01	59	59.82	+36	47	36.6	18.1	VwEX091951
K10W08P	KC2010	12	09.89287	01	59	59.59	+36	46	28.9	18.4	VwEX091951
K10W08P	KC2010	12	09.90540	01	59	59.48	+36	45	58.3	18.3	VwEX091951
K10W08P	C2010	12	10.22321	01	59	58.74	+36	33	06.3	17.8	VrEX091703
K10W08P	C2010	12	10.22947	01	59	58.63	+36	32	49.5	18.2	VrEX091703
K10W08P	C2010	12	10.23572	01	59	58.45	+36	32	33.1	18.4	VrEX091703
K10W08P	KC2010	12	10.90620	01	59	59.18	+36	04	51.2		rEX091203
K10W08P	KC2010	12	10.95608	01	59	58.99	+36	02	45.7		rEX091203
K10W08V	C2010	12	09.35604	04	36	21.85	+37	27	07.2	19.2	VrEX091G96
K10W08V	C2010	12	09.36421	04	36	20.77	+37	27	02.7	19.4	VrEX091G96
K10W08V	C2010	12	09.37227	04	36	19.69	+37	26	58.2	19.2	VrEX091G96
K10W08V	C2010	12	09.38043	04	36	18.64	+37	26	53.5	19.4	VrEX091G96
K10W08V	C2010	12	09.81495	04	35	31.05	+37	23	11.5	19.3	RuEX091114
K10W08V	C2010	12	09.81889	04	35	30.46	+37	23	08.8	19.4	RuEX091114
K10W09A	C2010	12	09.93818	03	15	18.60	+04	11	22.6	17.8	RcEX091587
K10W09A	C2010	12	09.93958	03	15	16.91	+04	11	05.3		cEX091587
K10W09A	C2010	12	09.94160	03	15	14.30	+04	10	39.9		cEX091587
K10W09A	C2010	12	10.19386	03	10	10.95	+03	15	26.5	18.6	cEX091704
K10W09A	C2010	12	10.20715	03	09	50.97	+03	12	15.1	18.2	cEX091704
K10W09A	C2010	12	10.22035	03	09	31.00	+03	09	04.4	18.8	cEX091704
K10W09A	C2010	12	10.23359	03	09	10.86	+03	05	51.5	18.0	cEX091704
K10W09A	C2010	12	10.24690	03	08	50.54	+03	02	36.2	18.4	cEX091704
K10W09B	KC2010	12	08.31844	05	29	26.54	+00	27	22.6	19.0	VoEX091H21
K10W09B	KC2010	12	08.32030	05	29	27.48	+00	27	30.3	18.9	VoEX091H21
K10W09B	KC2010	12	08.32214	05	29	28.42	+00	27	37.7	19.1	VoEX091H21
K10W09B	KC2010	12	08.32397	05	29	29.37	+00	27	45.4	19.2	VoEX091H21
K10W09B	KC2010	12	08.32581	05	29	30.33	+00	27	52.9	19.2	VoEX091H21
K10W09B	C2010	12	09.27427	05	38	12.29	+01	32	44.4	19.4	cEX091704
K10W09B	C2010	12	09.28779	05	38	19.02	+01	33	38.4	20.1	cEX091704
K10W09B	C2010	12	09.30109	05	38	25.60	+01	34	32.9	19.6	cEX091704
K10W09B	C2010	12	09.31469	05	38	32.31	+01	35	31.1	20.1	cEX091704
K10W09B	C2010	12	09.32805	05	38	39.02	+01	36	23.3	19.8	cEX091704
K10W09B	C2010	12	10.26660	05	46	58.67	+02	39	23.1	19.1	cEX091704
K10W09B	C2010	12	10.28040	05	47	05.27	+02	40	17.7	19.8	cEX091704
K10W09B	C2010	12	10.29379	05	47	11.67	+02	41	12.1	19.7	cEX091704
K10W09B	C2010	12	10.32115	05	47	24.75	+02	43	00.6	19.4	cEX091704
K10W09B	C2010	12	10.39679	05	48	01.01	+02	48	00.8	19.5	cEX091704
K10W09B	C2010	12	10.41019	05	48	07.51	+02	48	54.5	19.6	cEX091704
K10W09B	C2010	12	10.42378	05	48	14.06	+02	49	47.8	19.6	cEX091704

K10W09B	C2010	12	10.43733	05	48	20.59	+02	50	40.6	19.5	cEX091704
K10W09C	JC2010	12	10.10734	00	10	31.69	+43	16	32.2	21.8	VoEX091695
K10W09C	JC2010	12	10.11116	00	10	32.66	+43	16	42.7	21.6	VoEX091695
K10W09C	JC2010	12	10.11243	00	10	32.99	+43	16	46.1	21.7	VoEX091695
K10W09C	JC2010	12	10.11346	00	10	33.25	+43	16	48.9	21.8	VoEX091695
K10X00A	KC2010	12	08.28151805	16	19.29	+14	37	31.2	20.7	VoEX091H21	
K10X00A	KC2010	12	08.28918605	16	23.53	+14	37	21.4	20.8	VoEX091H21	
K10X00A	KC2010	12	08.29748605	16	28.13	+14	37	10.7	20.9	VoEX091H21	
K10X00A	tC2010	12	11.25646	05	42	34.43	+13	39	00.7	21.2	VoEX091291
K10X00A	tC2010	12	11.26125	05	42	36.47	+13	38	55.9	21.2	VoEX091291
K10X00E	KC2010	12	09.33783106	27	52.08	+61	35	05.2	20.9	VoEX091H21	
K10X00E	KC2010	12	09.34775106	28	02.95	+61	36	41.4			oEX091H21
K10X00E	KC2010	12	09.36632706	28	23.39	+61	39	41.2	20.9	VoEX091H21	
K10X00G	JC2010	12	10.28228	04	28	38.43	+46	53	39.3	20.0	VoEX091695
K10X00G	JC2010	12	10.28345	04	28	37.99	+46	53	44.3	19.9	VoEX091695
K10X00G	JC2010	12	10.28406	04	28	37.74	+46	53	46.9	19.9	VoEX091695
K10X00J	KC2010	12	08.22558	02	31	13.82	+41	59	41.9	20.6	VoEX091H21
K10X00J	KC2010	12	08.24559	02	31	10.12	+41	59	53.7	20.9	VoEX091H21
K10X00J	KC2010	12	08.25247	02	31	08.86	+41	59	57.5	20.8	VoEX091H21
K10X00M	HC2010	12	10.28220	04	46	26.73	+17	42	32.5		oEX091291
K10X00M	HC2010	12	10.29492	04	46	27.95	+17	42	17.3		oEX091291
K10X00R	KC2010	12	08.21479604	38	27.82	+12	41	32.9	23.1	VoEX091H21	
K10X00R	KC2010	12	08.23995004	38	27.59	+12	41	37.2	22.7	VoEX091H21	
K10X00R	KC2010	12	08.26474004	38	27.40	+12	41	41.0	22.6	VoEX091H21	
K10X00U	KC2010	12	09.18026	03	13	15.14	+26	22	29.7	21.9	VoEX091H21
K10X00U	KC2010	12	09.18632	03	13	17.21	+26	22	28.7	21.5	VoEX091H21
K10X00U	KC2010	12	09.20431	03	13	23.49	+26	22	25.4	21.8	VoEX091H21
K10X00U	JC2010	12	10.22964	03	19	41.44	+26	20	16.5	21.7	VoEX091695
K10X00U	JC2010	12	10.23079	03	19	41.81	+26	20	16.2	21.8	VoEX091695
K10X00U	JC2010	12	10.23163	03	19	42.06	+26	20	16.2	21.8	VoEX091695
K10X00U	JC2010	12	10.23248	03	19	42.33	+26	20	16.0	21.7	VoEX091695
K10X00U	HC2010	12	10.36546	03	20	24.56	+26	19	41.6		oEX091291
K10X00U	HC2010	12	10.36957	03	20	25.82	+26	19	40.6		oEX091291
K10X00U	HC2010	12	10.37367	03	20	26.95	+26	19	39.9		oEX091291
K10X00V	C2010	12	09.02046001	49	31.53	+49	31	25.8	20.2	VoEX091H21	
K10X00V	C2010	12	09.02615501	49	27.49	+49	32	10.7	20.6	VoEX091H21	
K10X00V	C2010	12	09.03193901	49	23.30	+49	32	55.9	20.9	VoEX091H21	
K10X00V	C2010	12	09.04309501	49	15.10	+49	34	23.0	20.7	VoEX091H21	
K10X00V	C2010	12	09.04905701	49	10.68	+49	35	08.7	20.8	VoEX091H21	
K10X00X	KC2010	12	08.31145607	43	41.61	+14	40	40.1	21.3	VoEX091H21	
K10X00X	KC2010	12	08.32490407	43	47.20	+14	40	13.2	21.2	VoEX091H21	
K10X00X	KC2010	12	08.33913307	43	53.09	+14	39	44.2	21.3	VoEX091H21	
K10X00X	KC2010	12	09.37884007	51	17.86	+14	08	06.5	22.1	VoEX091H21	
K10X00X	KC2010	12	09.39292507	51	22.11	+14	07	43.1	21.8	VoEX091H21	
K10X00X	KC2010	12	09.40772307	51	26.59	+14	07	18.3	22.0	VoEX091H21	
K10X00X	C2010	12	10.41238	07	57	00.72	+13	43	47.7	21.3	VrEX091G96
K10X00X	C2010	12	10.42072	07	57	02.62	+13	43	37.2	21.6	VrEX091G96
K10X00X	C2010	12	10.42913	07	57	04.42	+13	43	26.4	21.8	VrEX091G96
K10X00X	C2010	12	10.43742	07	57	06.22	+13	43	15.9	21.7	VrEX091G96
K10X00Y	KC2010	12	09.31017105	29	32.37	+25	42	00.2	18.2	VoEX091H21	
K10X00Y	KC2010	12	09.31405905	29	33.97	+25	42	36.6			oEX091H21
K10X00Y	KC2010	12	09.31802405	29	35.61	+25	43	13.6			oEX091H21
K10X03F	KC2010	12	08.25813	03	54	00.26	+15	04	02.6	19.1	VoEX091H21
K10X03F	KC2010	12	08.26094	03	53	58.60	+15	04	17.5	19.2	VoEX091H21
K10X03F	KC2010	12	08.26370	03	53	56.94	+15	04	32.1	18.9	VoEX091H21
K10X03F	KC2010	12	08.26636	03	53	55.34	+15	04	46.4	19.2	VoEX091H21
K10X03F	KC2010	12	09.29136303	44	28.86	+16	37	42.1	19.2	VoEX091H21	
K10X03F	KC2010	12	09.29503703	44	26.64	+16	38	01.8	19.0	VoEX091H21	
K10X03F	KC2010	12	09.29866303	44	24.45	+16	38	21.2	19.4	VoEX091H21	
K10X03F	KC2010	12	09.30223003	44	22.28	+16	38	39.8	19.7	VoEX091H21	
K10X03F	KC2010	12	09.30544903	44	20.34	+16	38	56.9	19.4	VoEX091H21	
K10X03F	KC2010	12	10.88614	03	29	28.07	+19	02	42.8		rEX091203
K10X03F	KC2010	12	10.89479	03	29	22.56	+19	03	29.9		rEX091203
K10X03F	KC2010	12	10.93909	03	28	54.41	+19	07	29.8		rEX091203
K10X03G	KC2010	12	10.92150	04	15	59.28	+25	18	36.2		rEX091203
K10X03G	KC2010	12	10.97337	04	16	05.59	+25	16	26.2		rEX091203
K10X03H	KC2010	12	08.32866	05	22	04.63	+12	28	28.9	20.8	VoEX091H21
K10X03H	KC2010	12	08.33409	05	22	03.85	+12	27	38.8	20.7	VoEX091H21
K10X03H	KC2010	12	08.34235	05	22	02.67	+12	26	22.2	20.7	VoEX091H21
K10X03H	KC2010	12	09.32343005	20	06.69	+09	58	11.4	19.4	VoEX091H21	
K10X03H	KC2010	12	09.32824705	20	05.97	+09	57	28.4	19.9	VoEX091H21	
K10X03H	KC2010	12	09.33341605	20	05.30	+09	56	42.2	20.2	VoEX091H21	
K10X03H	C2010	12	10.33885	05	18	12.16	+07	30	12.4	19.9	VrEX091G96
K10X03H	C2010	12	10.34802	05	18	10.94	+07	28	53.7	20.0	VrEX091G96
K10X03H	C2010	12	10.35729	05	18	09.64	+07	27	34.0	20.3	VrEX091G96
K10X03J	C2010	12	08.98662202	30	43.10	+37	53	23.3	18.8	VoEX091H21	
K10X03J	C2010	12	08.98890602	30	43.83	+37	53	16.1	19.0	VoEX091H21	
K10X03J	C2010	12	08.99149402	30	44.65	+37	53	07.9	18.9	VoEX091H21	
K10X03J	C2010	12	08.99347302	30	45.29	+37	53	01.8	18.9	VoEX091H21	
K10X03J	C2010	12	08.99652002	30	46.25	+37	52	52.6	18.8	VoEX091H21	
K10X03K	KC2010	12	08.05815	00	08	08.10	+00	58	52.2	21.0	VoEX091H21
K10X03K	KC2010	12	08.06611	00	08	05.02	+00	58	27.8	20.3	VoEX091H21
K10X03K	KC2010	12	08.06979	00	08	03.58	+00	58	16.9	20.3	VoEX091H21
K10X03K	KC2010	12	09.00105700	02	03.94	+00	11	08.3	21.4	VoEX091H21	
K10X03K	KC2010	12	09.00870500	02	00.74	+00	10	44.2	21.0	VoEX091H21	
K10X03K	KC2010	12	09.01649400	01	57.51	+00	10	20.0	21.1	VoEX091H21	



K10X100	KC2010	12	09.32898	06	47	03.40	+27	52	44.5	18.1	VoEX091H21
K10X100	KC2010	12	09.33047	06	47	03.10	+27	52	54.6	18.0	VoEX091H21
K10X100	KC2010	12	09.33197	06	47	02.80	+27	53	04.8	18.0	VoEX091H21
K10X100	KC2010	12	09.33646	06	47	01.90	+27	53	35.4	18.1	VoEX091H21
K10X100	KC2010	12	09.33786	06	47	01.62	+27	53	44.9	18.0	VoEX091H21
K10X10R	tC2010	12	10.26723	04	37	08.93	+05	41	42.7	21.9	VoEX091291
K10X10R	tC2010	12	10.27331	04	37	08.90	+05	41	20.1	21.9	VoEX091291
K10X10R	tC2010	12	10.27712	04	37	08.81	+05	41	07.4		oEX091291
K10X10S	KC2010	12	09.07927701	42	35.52	+14	37	19.3		22.3	VoEX091H21
K10X10S	KC2010	12	09.09194201	42	37.46	+14	37	14.3		22.5	VoEX091H21
K10X10S	KC2010	12	09.10682901	42	39.78	+14	37	08.3		22.2	VoEX091H21
K10X10T	C2010	12	09.27778104	42	24.82	+24	12	17.8		19.5	VoEX091H21
K10X10T	C2010	12	09.28071404	42	29.15	+24	11	49.1		19.4	VoEX091H21
K10X10T	C2010	12	09.28603904	42	37.05	+24	10	57.2		19.5	VoEX091H21
K10X11A	C2010	12	09.05788902	26	27.77	+31	10	13.0		21.4	VoEX091H21
K10X11A	C2010	12	09.06759402	26	30.40	+31	10	02.5		21.4	VoEX091H21
K10X11A	C2010	12	09.07813402	26	33.27	+31	09	50.6		20.9	VoEX091H21
K10X11A	C2010	12	09.08758902	26	35.80	+31	09	40.3		21.1	VoEX091H21
K10X11C	C2010	12	10.37831	04	37	43.21	+15	57	23.3		oEX091291
K10X11C	HC2010	12	10.38209	04	37	42.62	+15	57	22.3		oEX091291
K10X11C	C2010	12	10.38608	04	37	42.07	+15	57	21.6		oEX091291
K10X11C	C2010	12	11.24013	04	35	38.85	+15	55	00.5		oEX091291
K10X11C	HC2010	12	11.24400	04	35	38.32	+15	55	00.3		oEX091291
K10X11C	HC2010	12	11.24793	04	35	37.78	+15	55	00.1		oEX091291
K10X11D	C2010	12	10.41412	08	03	30.70	+12	34	42.1	21.2	VrEX091G96
K10X11D	C2010	12	10.42246	08	03	29.77	+12	34	46.0	20.8	VrEX091G96
K10X11D	C2010	12	10.43087	08	03	28.80	+12	34	50.3	21.1	VrEX091G96
K10X11D	C2010	12	10.43913	08	03	27.86	+12	34	54.3	20.6	VrEX091G96
K10X11E	KC2010	12	09.31580	06	07	32.80	+44	48	09.7	17.3	VoEX091H21
K10X11E	KC2010	12	09.31880	06	07	33.32	+44	48	57.0	17.3	VoEX091H21
K10X11E	KC2010	12	09.32029	06	07	33.57	+44	49	20.6	17.3	VoEX091H21
K10X11E	KC2010	12	09.32467	06	07	34.33	+44	50	29.6	17.4	VoEX091H21
K10X11E	KC2010	12	09.32586	06	07	34.53	+44	50	48.4	17.3	VoEX091H21
K10X11F	C2010	12	09.09780503	01	38.39	+31	03	55.8		21.4	VoEX091H21
K10X11F	C2010	12	09.10588203	01	37.33	+31	04	46.8		21.5	VoEX091H21
K10X11F	C2010	12	09.11385603	01	36.29	+31	05	37.4		21.5	VoEX091H21
K10X11F	C2010	12	09.12924803	01	34.26	+31	07	14.3		21.3	VoEX091H21
K10X11G	KC2010	12	08.17726	03	03	29.10	+29	00	43.6	19.7	RuEX091448
K10X11G	KC2010	12	08.20489	03	03	29.19	+28	59	15.2	19.6	RuEX091448
K10X11G	KC2010	12	08.23050	03	03	29.25	+28	57	53.3	19.2	RuEX091448
K10X11G	C2010	12	08.27965	03	03	29.59	+28	55	17.0	19.7	VrEX091703
K10X11G	C2010	12	08.28544	03	03	29.55	+28	54	57.7	19.8	VrEX091703
K10X11G	C2010	12	08.29123	03	03	29.59	+28	54	38.5	19.6	VrEX091703
K10X11G	C2010	12	08.29703	03	03	29.59	+28	54	20.9	19.3	VrEX091703
K10X11G	C2010	12	09.13565903	03	40.49	+28	10	19.3		19.9	VoEX091H21
K10X11G	C2010	12	09.14247003	03	40.53	+28	09	58.0		20.0	VoEX091H21
K10X11G	C2010	12	09.14587703	03	40.55	+28	09	47.5		20.1	VoEX091H21
K10X11H	C2010	12	10.22803	03	30	37.05	+16	18	20.1	21.4	VoEX091291
K10X11H	C2010	12	10.23199	03	30	37.40	+16	18	02.6	21.5	VoEX091291
K10X11H	C2010	12	10.23620	03	30	37.86	+16	17	42.5	20.9	VoEX091291
K10X11J	tC2010	12	10.39047	03	35	16.68	+22	29	27.3	21.2	VoEX091291
K10X11J	tC2010	12	10.39453	03	35	17.95	+22	29	24.3	20.8	VoEX091291
K10X11J	tC2010	12	10.39851	03	35	19.21	+22	29	21.4	21.5	VoEX091291
K10X15C	C2010	12	09.26286203	32	37.33	-21	05	26.9		18.1	VoEX091H21
K10X15C	C2010	12	09.26482303	32	35.65	-21	05	18.0		18.0	VoEX091H21
K10X15C	C2010	12	09.26687403	32	33.87	-21	05	08.6		18.1	VoEX091H21
K10X15C	C2010	12	09.27091503	32	30.40	-21	04	50.0		18.6	VoEX091H21
K10X15C	C2010	12	09.27247403	32	29.06	-21	04	43.2		17.8	VoEX091H21
K10X15C	tC2010	12	11.21022	03	07	02.97	-18	34	27.0	18.6	VoEX091291
K10X15C	tC2010	12	11.21402	03	06	59.98	-18	34	09.5	18.3	VoEX091291
K10X15C	tC2010	12	11.21792	03	06	56.95	-18	33	50.4	18.7	VoEX091291
K10X24A	C2010	12	09.31587	04	20	03.15	+33	24	41.8	18.0	VrEX091G96
K10X24A	C2010	12	09.32373	04	20	08.05	+33	27	05.0	17.9	VrEX091G96
K10X24A	C2010	12	09.33167	04	20	13.16	+33	29	30.6	18.1	VrEX091G96
K10X24A	C2010	12	09.33954	04	20	18.16	+33	31	53.3	17.8	VrEX091G96
K10X24B	KC2010	12	09.25544504	35	41.30	+25	31	48.8		20.5	VoEX091H21
K10X24B	KC2010	12	09.26417604	35	39.33	+25	31	37.9			oEX091H21
K10X24B	KC2010	12	09.27265604	35	37.40	+25	31	27.7		20.8	VoEX091H21
K10X24B	C2010	12	09.34966	04	35	20.53	+25	29	56.9	20.1	VoEX091291
K10X24B	C2010	12	09.35379	04	35	19.60	+25	29	51.7	20.0	VoEX091291
K10X24B	C2010	12	09.35834	04	35	18.55	+25	29	46.0	20.2	VoEX091291
K10X24B	tC2010	12	10.24081	04	32	06.15	+25	11	12.1		oEX091291
K10X24B	tC2010	12	10.24895	04	32	04.24	+25	11	01.2		oEX091291
K10X25A	KC2010	12	09.28914005	04	21.38	+26	39	37.9		19.1	VoEX091H21
K10X25A	KC2010	12	09.29194305	04	29.56	+26	39	01.1		18.8	VoEX091H21
K10X25A	KC2010	12	09.29474605	04	37.77	+26	38	24.1		19.0	VoEX091H21
K10X25A	KC2010	12	09.29726905	04	45.13	+26	37	51.0		18.6	VoEX091H21
K10X25A	KC2010	12	09.29969905	04	52.21	+26	37	18.7		18.9	VoEX091H21
K10X25A	C2010	12	09.95137	05	34	26.47	+24	22	30.8		cEX091587
K10X25A	C2010	12	09.95433	05	34	32.93	+24	21	56.1	18.1	RcEX091587
K10X25A	C2010	12	09.95751	05	34	39.66	+24	21	19.8		cEX091587
K10X25C	tC2010	12	10.43533	08	53	26.67	+23	05	42.5	20.8	VoEX091291
K10X25C	tC2010	12	10.44139	08	53	28.04	+23	05	37.6	20.8	VoEX091291
K10X25C	tC2010	12	10.44557	08	53	28.98	+23	05	34.3	20.9	VoEX091291
K10X25C	C2010	12	10.52465	08	53	46.85	+23	04	22.5	20.0	RoEX091H01
K10X25C	C2010	12	10.53169	08	53	48.45	+23	04	16.2	20.0	RoEX091H01

	K10X25C	C2010	12	10.54133	08	53	50.64	+23	04	07.5	20.5	RoEX091H01
	K10X25C	C2010	12	10.54411	08	53	51.27	+23	04	04.9	20.6	RoEX091H01
	K10X25D	tC2010	12	10.45004	09	04	19.76	+29	01	10.2	20.1	VoEX091291
	K10X25D	tC2010	12	10.45429	09	04	19.08	+29	01	47.6	20.0	VoEX091291
	K10X25D	tC2010	12	10.45958	09	04	18.32	+29	02	32.5	19.9	VoEX091291
	K10X25D	C2010	12	10.52132	09	04	08.52	+29	11	21.8	19.4	RoEX091H01
	K10X25D	C2010	12	10.52759	09	04	07.58	+29	12	15.8	19.0	RoEX091H01
	K10X25D	C2010	12	10.53504	09	04	06.44	+29	13	19.8	19.2	RoEX091H01
	K10X25D	C2010	12	10.54235	09	04	05.30	+29	14	22.3	19.2	RoEX091H01
	K10X25E	C2010	12	09.49572	08	55	12.82	+14	41	42.9	20.0	VrEX091703
	K10X25E	C2010	12	09.50076	08	55	13.72	+14	41	20.2	20.6	VrEX091703
	K10X25E	C2010	12	09.50585	08	55	14.66	+14	40	59.5	21.5	VrEX091703
	K10X25E	C2010	12	09.51087	08	55	15.78	+14	40	35.1	20.4	VrEX091703
	K10X45T	KC2010	12	11.07201	05	37	19.16	+00	14	31.6	19.9	VuEX091595
	K10X45T	KC2010	12	11.11734	05	37	14.84	+00	14	16.3	19.6	VuEX091595
03122		C2010	12	09.34105510	06	25.31	+63	15	41.5	15.8	VoEX091H21	
03122		C2010	12	09.36045210	06	22.51	+63	15	50.1	15.6	VoEX091H21	
03122		C2010	12	09.37553010	06	20.30	+63	15	56.6	15.8	VoEX091H21	
03122		C2010	12	09.39274910	06	17.78	+63	16	03.9	15.7	VoEX091H21	
03122		C2010	12	09.40782210	06	15.54	+63	16	10.2	15.6	VoEX091H21	
03122		C2010	12	09.42290810	06	13.34	+63	16	16.6	15.6	VoEX091H21	
03288		C2010	12	09.46624	10	13	54.55	+01	38	52.7	18.9	cEX091704
03288		C2010	12	09.47944	10	13	56.02	+01	38	38.6	18.5	cEX091704
03288		C2010	12	09.49372	10	13	57.68	+01	38	24.4	18.6	cEX091704
03288		C2010	12	09.50774	10	13	59.31	+01	38	09.6	18.6	cEX091704
03288		C2010	12	09.52105	10	14	00.86	+01	37	55.5	18.4	cEX091704
03838		C2010	12	08.78045	01	05	50.54	+07	34	49.1	16.1	VvEX091J93
03838		C2010	12	08.78186	01	05	50.73	+07	34	47.3	16.2	VvEX091J93
03838		C2010	12	08.78329	01	05	50.88	+07	34	45.9	16.2	VvEX091J93
03838		C2010	12	10.12587	01	09	12.92	+07	11	35.0	16.7	cEX091704
03838		C2010	12	10.13898	01	09	14.79	+07	11	22.2	16.9	cEX091704
03838		C2010	12	10.15258	01	09	16.71	+07	11	08.7	17.0	cEX091704
03838		C2010	12	10.16601	01	09	18.68	+07	10	55.4	16.9	cEX091704
03838		C2010	12	10.17916	01	09	20.53	+07	10	42.1	17.1	cEX091704
04688		C2010	12	09.12572	01	15	08.20	+04	56	48.5	18.2	VrEX091703
04688		C2010	12	09.13314	01	15	09.07	+04	56	38.6	18.2	VrEX091703
04688		C2010	12	09.14065	01	15	09.93	+04	56	29.4	18.2	VrEX091703
04688		C2010	12	09.20394	01	15	17.10	+04	55	05.9	18.4	VrEX091703
04688		C2010	12	09.21348	01	15	18.21	+04	54	53.4	18.4	VrEX091703
04688		C2010	12	09.22314	01	15	19.33	+04	54	40.2	18.4	VrEX091703
04688		C2010	12	09.23273	01	15	20.44	+04	54	28.5	18.5	VrEX091703
04688		C2010	12	10.12762	01	17	18.14	+04	35	10.2	19.1	cEX091704
04688		C2010	12	10.14074	01	17	19.68	+04	34	52.9	19.3	cEX091704
04688		C2010	12	10.15447	01	17	21.29	+04	34	34.6	19.4	cEX091704
04688		C2010	12	10.16775	01	17	22.94	+04	34	18.3	19.0	cEX091704
04688		C2010	12	10.18092	01	17	24.56	+04	34	01.0	19.2	cEX091704
05496		KC2010	12	10.94638	08	30	31.14	+25	50	49.0	18.6	VuEX091A13
05496		KC2010	12	10.96471	08	30	30.49	+25	51	30.9	18.7	VuEX091A13
05496		KC2010	12	10.98252	08	30	29.88	+25	52	11.4	18.4	VuEX091A13
05869		C2010	12	10.27917	04	17	22.41	-12	31	38.3	16.3	VrEX091703
05869		C2010	12	10.28608	04	17	22.38	-12	31	57.5	16.3	VrEX091703
05869		C2010	12	10.29300	04	17	22.30	-12	32	16.9	16.3	VrEX091703
05869		C2010	12	10.29990	04	17	22.23	-12	32	36.2	16.3	VrEX091703
12923		C2010	12	09.11843	00	46	02.45	-03	57	35.8	19.0	R EX091G92
12923		C2010	12	09.13263	00	46	04.29	-03	57	21.2	18.7	R EX091G92
12923		C2010	12	09.14680	00	46	06.03	-03	57	06.8	18.7	R EX091G92
40267		C2010	12	10.51370	12	27	20.67	-01	23	06.6		oEX091691
40267		C2010	12	10.52981	12	27	21.47	-01	23	01.5		oEX091691
40267		C2010	12	10.54247	12	27	22.10	-01	22	57.4		oEX091691
96590		C2010	12	09.34664	07	32	14.17	+30	42	38.4	15.0	VrEX091703
96590		C2010	12	09.35422	07	32	12.33	+30	43	02.8	15.0	VrEX091703
96590		C2010	12	09.36183	07	32	10.39	+30	43	27.8	15.0	VrEX091703
D7062		C2010	12	10.06997	00	36	18.54	+02	44	55.1	19.1	cEX091704
D7062		C2010	12	10.08304	00	36	18.48	+02	45	07.9	19.4	cEX091704
D7062		C2010	12	10.09625	00	36	18.47	+02	45	22.5	19.4	cEX091704
D7062		C2010	12	10.12242	00	36	18.37	+02	45	50.2	19.2	cEX091704
D8852		KC2010	12	10.02302	02	08	42.56	+30	02	21.2		uEX091I15
D8852		KC2010	12	10.03034	02	08	41.46	+30	02	34.3		uEX091I15
D8852		KC2010	12	10.03692	02	08	40.48	+30	02	46.1		uEX091I15
D8859		C2010	12	09.23109	04	43	15.31	+33	56	20.7	18.4	VrEX091G96
D8859		C2010	12	09.24747	04	43	12.21	+33	56	32.8	18.5	VrEX091G96
D8859		C2010	12	09.25561	04	43	10.66	+33	56	38.9	18.3	VrEX091G96
D8893		C2010	12	09.17218	04	54	07.41	+28	37	50.1	19.6	VrEX091G96
D8893		C2010	12	09.17966	04	54	06.04	+28	37	45.3	19.3	VrEX091G96
D8893		C2010	12	09.18728	04	54	04.68	+28	37	40.6	19.3	VrEX091G96
D8893		C2010	12	09.19488	04	54	03.31	+28	37	35.7	19.2	VrEX091G96
E1498		C2010	12	09.98338	04	02	22.34	+43	47	36.6		uEX091I15
E1498		C2010	12	09.98875	04	02	20.25	+43	46	49.7		uEX091I15
E1498		C2010	12	09.99701	04	02	16.99	+43	45	37.6		uEX091I15
E4411		C2010	12	09.39170	07	50	31.68	+22	20	13.4	20.5	VoEX091691
E4411		C2010	12	09.40949	07	50	30.64	+22	20	14.3	20.2	VoEX091691
E4411		C2010	12	09.45462	07	50	28.17	+22	20	16.6	20.7	VoEX091691
F3591		C2010	12	09.51721	13	13	00.51	-07	51	28.8	19.2	VrEX091G96
F3591		C2010	12	09.52188	13	13	01.56	-07	51	37.4	19.3	VrEX091G96
F3591		C2010	12	09.52654	13	13	02.56	-07	51	45.9	19.3	VrEX091G96
F3591		C2010	12	09.53135	13	13	03.61	-07	51	54.3	19.3	VrEX091G96

F3842	C2010	12	10.26416	05	29	17.94	+04	18	46.5	18.4	cEX091704
F3842	C2010	12	10.27796	05	29	16.83	+04	18	55.3	17.5	cEX091704
F3842	C2010	12	10.29135	05	29	15.73	+04	19	03.1	17.6	cEX091704
F3842	C2010	12	10.30499	05	29	14.62	+04	19	11.1	17.7	cEX091704
F3842	C2010	12	10.31860	05	29	13.51	+04	19	19.7	17.7	cEX091704
F3842	C2010	12	10.34455	05	29	11.50	+04	19	34.1	17.5	VrEX091G96
F3842	C2010	12	10.35378	05	29	10.75	+04	19	39.5	17.4	VrEX091G96
F3842	C2010	12	10.36311	05	29	09.99	+04	19	45.0	17.5	VrEX091G96
F3842	C2010	12	10.37238	05	29	09.24	+04	19	50.3	17.5	VrEX091G96
H0903	C2010	12	10.13545	02	31	15.20	+06	12	15.7	19.3	cEX091704
H0903	C2010	12	10.14867	02	31	13.38	+06	12	13.8	19.9	cEX091704
H0903	C2010	12	10.16234	02	31	11.52	+06	12	12.9	20.1	cEX091704
H0903	C2010	12	10.17563	02	31	09.75	+06	12	11.1	19.8	cEX091704
H0903	C2010	12	10.18918	02	31	07.94	+06	12	09.3	19.9	cEX091704
I9011	C2010	12	09.17338	00	32	47.72	+18	58	41.2	18.7	VrEX091703
I9011	C2010	12	09.18123	00	32	49.84	+18	58	24.9	19.0	VrEX091703
I9011	C2010	12	09.18899	00	32	51.90	+18	58	07.8	18.8	VrEX091703
I9011	C2010	12	09.19685	00	32	54.02	+18	57	50.6	18.9	VrEX091703
O2211	C2010	12	10.14780	02	22	46.61	+04	11	33.7	19.6	cEX091704
O2211	C2010	12	10.16147	02	22	46.93	+04	11	42.6	19.6	cEX091704
O2211	C2010	12	10.17476	02	22	47.32	+04	11	50.7	20.1	cEX091704
O2211	C2010	12	10.18791	02	22	47.68	+04	11	58.9	19.6	cEX091704
P0680	HC2010	12	10.08595	21	51	34.88	-16	27	55.6		oEX091291
P0680	HC2010	12	10.09503	21	51	35.83	-16	27	43.2		oEX091291

## New natural satellite orbits:

Object	H	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
J012S	11.6	K1128	63.777	128.247	60.948	149.106	0.30936	0.14476	21582	X

A. U. Tomatic

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Clear

Enter an [MPEC](#) number in one of the following forms:

- 1997-B01 (the full form)
- J97B01 (the packed version of the full form)
- B01 (the abbreviated form)