

MPEC 2011-V17 : DAILY ORBIT UPDATE (2011 NOV. 4 UT)

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Update to [MPEC 2011-V15](#)

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

Erroneous identifications:

# K00SW5V	K10H15M	MPO182547
# K11U61T	K05NB30	E2011-U91

New identifications:

K00SM9F	K11UT2S	MPCW
K00T00U	K11UK6L	MPCS
K00T19P	K11UT4W	MPCW
K02CJ0Z	K10B58D	MPCW
K02CR6B	K11UU5C	MPCW
K02N77X	K11UT9C	MPCW
K02RF7W	K11V01B	MPCW
K02RM4U	K05EP3Z	MPCW
K05T93W	K11V00N	MPCW
K06K32N	K11UU4N	MPCW
K06UY6U	K11UT7U	MPCW
K06WD9L	K11V00P	MPCW
K06WI0L	K11UT6G	MPCW

K07Q16B	K11UU1T		MPCW
K07UA5Q	K11UT7V		MPCW
K07V11P	K11UT4V		MPCW
K07VF8N	K11UU3H		MPCW
K07VV4U	K11UT6X		MPCW
K07W11F	K11UT8B		MPCW
K07Y60Z	K11V00D		MPCW
K08CC8E	K11UU4B		MPCW
K08CH7U	K11UT9N		MPCW
K08Y62L	K11UU2C		MPCW
K09BI5N	K06J80K		MPCW
K09C23W	K11UU1C		MPCW
K09D36O	K11UU0F		MPCW
K10H32P	K11UT6Y		MPCW
K11Q69W	K06BH1Q		MPCS
K11Q71V	K08Y15O		MPCW
K11Q87U	K07P40D		MPCW
K11Q91M	K09C65Y		MPCW
K11Q92O	K01TM9O		MPCS
K11R16W	K08YH3B		MPCW
K11S36G	K08G06S		MPCW
K11S37G	K05EC2Y		MPCS
K11S53L	K06E75E		MPCW
K11S58J	K05G73N		MPCW
K11S60F	K07TD7B		MPCS
K11S72L	K05EJ8N	K09DD5C	MPCW
K11S84D	K07V92U		MPCS
K11S89M	K08Y34N		MPCW
K11S91K	K10G58B		MPCW
K11SA5O	K07UD6N		MPCS
K11SA6J	K01YC7C		MPCS
K11SB6F	K08YD2N		MPCS
K11SB6O	K00SW5V		MPCW
K11SE2D	K04BE5M		MPCS
K11SH5F	K05QD1W	K08G14D	MPCS
K11SH6F	K06SJ3X		MPCW
K11SH8Z	K09H57N	K10H75D	MPCS
K11SI8R	K06Q34C		MPCS
K11SI8Z	K02CM2M		MPCS
K11SJ0U	K03U26A		MPCS
K11SK5A	K06G55O		MPCW
K11SK8S	K08EA7U		MPCW
K11SL4M	K07U51B		MPCS
K11SN5T	K08D02N		MPCS
K11SO5R	K07RW2W		MPCS
K11SP0N	K04TA9A		MPCS
K11T09Q	K04Ta1K		MPCS
K11U03D	K02RM1L	K07X38Y	MPCS
K11U03P	K00T16B		MPCS
K11U13E	K04V36F		MPCS
K11U13N	K08Y45K		MPCS
K11U16C	K04H64J		MPCS
K11U17C	K07U49L		MPCS
K11U18B	K00F70F	K04C90T	MPCS
K11U18G	K02TZ3L		MPCS
K11U19Y	K09F06J	K10F60E	MPCS
K11U20V	K02U64D	K05E91O	K10JF0Z

K11U25R	K09H75Y		MPCS
K11U26L	K04B33U		MPCS
K11U28A	K07W07X		MPCS
K11U28N	K06UE5N		MPCS
K11U30M	K10ED5V		MPCS
K11U35S	K10G53T		MPCS
K11U35X	K03Ua6Q		MPCS
K11U36U	K02S03O		MPCS
K11U37G	K07Y28H		MPCS
K11U38B	K10J94W		MPCS
K11U38S	J95V13N		MPCS
K11U41V	K06SM5A		MPCS
K11U42D	K08X09Z		MPCS
K11U45G	K02TY9B		MPCS
K11U45U	J95U60O		MPCS
K11U61T	K04D32O	K10P75H	MPCS
K11U70N	K03Uf2L		MPCS
K11U87J	J95W38R		MPCS
K11U93R	K09B78C		MPCS
K11U94Z	K06SU1P		MPCS
K11U96U	K04V80Y		MPCS
K11U99B	K10K50R		MPCS
K11UA0D	K04X84G		MPCS
K11UA1M	K10HB0Q		MPCS
K11UA2Q	K10K31B		MPCS
K11UA7A	J98S19N		MPCS
K11UB2H	K08X33B		MPCS
K11UB2K	K07VA4G		MPCS
K11UB2P	K09K12F		MPCS
K11UB2Z	K05SA0A		MPCS
K11UB3O	K07U31B		MPCS
K11UB3Y	K02U30T		MPCS
K11UB4D	K07RD2L		MPCS
K11UB4H	K02QC4R		MPCS
K11UB6X	K07TM4Z		MPCS
K11UB7E	K07W11V		MPCS
K11UB8Z	K07RQ4V		MPCS
K11UC0N	K07P41D		MPCS
K11UC2E	K08E62M		MPCS
K11UC5B	K06U16T		MPCS
K11UD8O	K09BD7G		MPCS
K11UE4V	K05W70W	K10JD7R	MPCS
K11UE5H	K08F86C		MPCS
K11UE8P	K04Q06E		MPCS
K11UF2P	K06W12D		MPCS
K11UF9Z	K05QG9D		MPCS
K11UG4C	K02TJ6Q		MPCS
K11UG7D	K06P39Z		MPCS
K11UG7R	J96V17C		MPCS
K11UH2A	K00S29E		MPCS
K11UH2B	K07VW7X		MPCS
K11UH3S	K04H08W	K10JA0Y	MPCS
K11UH5P	K03Ub4Y		MPCS
K11UH6A	J97S09D		MPCS
K11UI3C	K01TA0B		MPCS
K11UI6C	K02VB5W		MPCS
K11UI6Y	K01QP4N	K05YB1B	MPCS

K11UJ0G	K04B10O		MPCS
K11UJ0P	K02X47U		MPCS
K11UJ4Y	K07RR8P		MPCS
K11UJ5Z	K05T94X	K10L30K	MPCS
K11UJ6D	K02T33G		MPCS
K11UK3Q	K07X50B		MPCS
K11UK5W	K08Y39S		MPCS
K11UK6V	K10FB0F		MPCS
K11UM4A	K02RE6O		MPCS
K11UM8O	K07V41B		MPCS
K11UM8Q	K06SN7Z		MPCS
K11UM8T	K09J10L	K10G83Z	MPCS
K11UN5U	K09D38U		MPCS
K11UO1V	K10H24S		MPCS
K11UO4C	K06UB1A		MPCS
K11UO5L	K02G68B		MPCS
K11UQ1D	K03U21C		MPCS
K11UQ3Y	K05JF3T	K10FB6E	MPCS
K11UQ3Z	K07X41V		MPCS
K11UQ6X	K03W24L		MPCS
K11UQ8F	K06X09F	K08E96E	MPCS
K11UR0H	K09D63E		MPCS
K11UR4S	K00CD4O		MPCS
K11US0L	K06WI9N	K10H90P	MPCS
K11US1E	J98B27A		MPCS
K11US3X	K10J88A		MPCS
K11US5H	K05N51N	K09D73V	MPCS
K11US8E	J98V07Z		MPCS
K11US9W	K10JA7Z		MPCS
K11UU0T	K09D85T		MPCS

New double designation:

K05EP3Z	K05F15E		MPCW
K07P40D	K07R18Q		MPCW
K08Y34N	K09BJ0Y		MPCW
K09DD5C	K09F06D		MPCW
K10K31B	K10R20H		MPCS
K11T12A	K11SD6C		MPCS
K11UJ2S	K11S30G		MPCS
K11UK9B	K11SI1E		MPCS
K11UM9G	K11S36Q		MPCS

New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
J94W08Q	18.1	0.15	K118R	331.004	274.221	146.733	5.359	0.13216	2.26421	4	X
J95S10V	15.7	0.15	K118R	17.970	0.545	12.319	10.279	0.12348	3.01215	5	X
J95S80K	15.8	0.15	K118R	14.485	145.234	230.507	1.168	0.21270	3.95270	4	X
J96B12N	16.9	0.15	K118R	345.338	335.412	68.487	4.375	0.23372	2.58035	5	X
J96E07A	16.1	0.15	K118R	318.577	87.003	351.122	14.932	0.11345	2.61278	5	X
J96V33C	18.1	0.15	K118R	11.098	147.510	204.353	0.893	0.23650	2.41903	3	X
J97H15T	15.5	0.15	K118R	301.343	84.211	34.868	21.877	0.19761	3.09871	6	X
J97S06C	16.4	0.15	K118R	86.183	286.353	357.366	12.779	0.18615	2.72451	4	X
J98Q28C	17.2	0.15	K118R	357.974	31.967	354.893	6.196	0.20412	2.61993	4	X
J98Q95P	16.5	0.15	K118R	9.442	101.061	263.852	6.532	0.24566	2.61769	7	X
J98Q98L	15.1	0.15	K118R	41.932	307.584	10.232	31.529	0.27668	2.62962	5	X
J98R12R	16.8	0.15	K118R	4.272	197.551	187.565	3.438	0.21328	2.62140	6	X
J98S34P	16.2	0.15	K118R	36.015	305.034	15.046	13.660	0.29696	2.63103	5	X

J98S48G	17.4	0.15	K118R	22.648	344.019	11.825	5.919	0.16261	2.17874	4	X
J98S94Y	17.1	0.15	K118R	355.637	330.107	63.868	3.706	0.24802	2.62270	4	X
J98U50R	16.7	0.15	K118R	283.675	76.371	40.345	5.645	0.04068	2.63983	6	X
J98X07F	17.4	0.15	K118R	27.832	102.833	236.850	11.397	0.28732	2.66027	3	X
J99TJ4X	16.4	0.15	K118R	342.048	166.864	237.480	4.294	0.16581	2.51997	5	X
J99U31Y	17.7	0.15	K118R	320.230	220.198	202.955	1.255	0.19496	2.52712	4	X
J99VA0J	17.5	0.15	K118R	351.611	358.166	39.403	2.618	0.26303	2.51343	4	X
J99VA7C	18.0	0.15	K118R	318.908	214.545	224.754	3.814	0.24645	2.53334	4	X
J99VD1E	18.4	0.15	K118R	29.037	299.085	37.708	3.866	0.17511	2.52690	5	X
J99X84Z	15.8	0.15	K118R	315.653	168.719	268.811	12.428	0.23929	2.56772	4	X
J99X91W	15.7	0.15	K118R	326.480	182.597	257.145	11.171	0.19280	2.54119	4	X
J99XA4H	15.6	0.15	K118R	343.304	324.506	75.479	13.609	0.25908	2.53890	6	X
J99XG1F	16.2	0.15	K118R	336.198	64.478	9.455	5.872	0.22748	2.54012	5	X
J99XI9P	16.2	0.15	K118R	350.543	103.361	281.338	13.311	0.13110	2.56581	5	X
J99XJ5M	15.7	0.15	K118R	3.139	348.118	41.052	9.690	0.26560	2.53019	5	X
J99XK1S	15.5	0.15	K118R	359.437	340.982	56.205	12.164	0.28678	2.52826	6	X
J99XM1N	15.9	0.15	K118R	275.050	217.607	273.782	11.752	0.22927	2.56017	4	X
J99Y07J	15.8	0.15	K118R	13.880	281.532	92.989	5.259	0.17872	2.51538	6	X
J99Y10P	16.3	0.15	K118R	61.584	195.432	129.969	3.150	0.13860	2.51955	8	X
K00A66G	15.8	0.15	K118R	258.715	81.849	90.912	5.639	0.24466	2.59108	6	X
K00AC3N	15.8	0.15	K118R	350.775	112.342	277.656	8.113	0.21604	2.58603	6	X
K00AD5E	16.2	0.15	K118R	321.789	23.144	49.920	5.398	0.21047	2.56426	6	X
K00AK6Z	14.9	0.15	K118R	251.872	327.904	285.356	8.689	0.07658	3.13103	9	X
K00AN5K	16.8	0.15	K118R	318.730	193.498	250.857	0.835	0.17996	2.56684	6	X
K00B15C	15.9	0.15	K118R	299.416	104.915	359.338	14.945	0.16887	2.60267	5	X
K00B48S	17.0	0.15	K118R	332.753	94.734	325.489	1.075	0.20275	2.58924	4	X
K00C10U	16.3	0.15	K118R	313.881	169.959	288.304	5.827	0.25076	2.56111	5	X
K00C79Z	17.2	0.15	K118R	342.106	263.498	157.822	2.247	0.17306	2.60968	8	X
K00CC4T	15.9	0.15	K118R	358.152	59.216	348.549	4.298	0.28520	2.55423	5	X
K00CC6Z	17.3	0.15	K118R	1.305	70.807	316.447	3.077	0.25461	2.58281	5	X
K00CC7J	16.3	0.15	K118R	349.541	93.522	311.234	4.933	0.25072	2.56632	5	X
K00F01S	16.7	0.15	K118R	2.200	189.419	195.211	4.638	0.12335	2.72122	6	X
K00GE2E	16.5	0.15	K118R	267.919	86.946	72.484	13.858	0.20729	2.64072	4	X
K00K04T	16.4	0.15	K118R	56.629	68.087	234.882	21.095	0.27464	2.28870	4	X
K00N23U	17.0	0.15	K118R	6.357	37.953	308.286	8.579	0.34377	2.35723	3	X
K00Q41B	17.0	0.15	K118R	11.022	108.174	257.589	1.666	0.21989	2.33080	8	X
K00Q53J	16.4	0.15	K118R	23.097	187.323	150.638	8.458	0.20925	3.04846	7	X
K00R83A	15.3	0.15	K118R	53.040	17.707	303.694	9.138	0.12055	3.03012	5	X
K00R84T	16.1	0.15	K118R	1.215	209.830	172.681	12.324	0.19742	3.03657	4	X
K00R98A	14.6	0.15	K118R	12.951	103.169	257.512	16.122	0.25056	3.06447	4	X
K00S16M	16.1	0.15	K118R	357.822	158.837	227.983	4.157	0.22286	3.06347	6	X
K00S31S	15.9	0.15	K118R	22.769	172.509	187.120	9.619	0.14599	3.03723	5	X
K00S41S	16.9	0.15	K118R	359.620	15.874	29.265	10.728	0.19473	2.33146	6	X
K00S42E	16.1	0.15	K118R	14.438	307.504	60.782	6.452	0.26835	3.05766	5	X
K00SA2W	17.2	0.15	K118R	352.471	34.742	357.391	3.980	0.20395	2.35375	5	X
K00SD1A	16.8	0.15	K118R	33.422	106.348	226.282	11.663	0.18457	2.34143	6	X
K00SL4K	17.6	0.15	K118R	18.990	356.893	350.653	0.789	0.20219	2.35385	5	X
K00SM9F	17.6	0.15	K118R	17.675	126.924	218.658	1.996	0.22513	2.36858	4	X
K00SS3W	16.9	0.15	K118R	349.683	170.421	219.229	5.567	0.11301	2.34982	6	X
K00SS5A	16.6	0.15	K118R	3.283	92.204	292.873	5.667	0.12496	2.34736	4	X
K00SU2D	17.1	0.15	K118R	2.756	7.449	7.645	9.702	0.17794	2.36286	3	X
K00SU5M	15.4	0.15	K118R	0.016	19.323	3.274	17.333	0.21762	3.09700	4	X
K00SX3G	15.2	0.15	K118R	8.987	268.367	99.003	10.055	0.27017	3.05348	6	X
K00SY3E	15.4	0.15	K118R	8.656	348.691	43.118	10.743	0.14837	3.06845	5	X
K00Sb4M	16.4	0.15	K118R	48.740	260.647	51.117	11.518	0.06189	3.09642	4	S
K00T00U	18.3	0.15	K118R	352.511	185.689	189.047	13.614	0.20447	2.36593	3	S
K00T18C	17.3	0.15	K118R	355.558	10.019	12.676	2.058	0.18385	2.37146	6	X

K00T19P	16.8	0.15	K118R	357.373	309.592	67.275	5.972	0.23845	2.35912	2 W
K00T24C	16.5	0.15	K118R	350.200	105.188	289.429	5.868	0.11941	2.35385	4 X
K00T33F	14.8	0.15	K118R	346.502	89.949	315.747	19.295	0.26361	3.11786	4 X
K00U00O	16.6	0.15	K118R	6.935	136.129	225.318	13.984	0.27334	2.38133	3 X
K00U01U	15.5	0.15	K118R	19.426	302.757	42.187	12.530	0.25351	3.06647	6 X
K00UB1W	15.7	0.15	K118R	55.606	261.593	55.304	15.095	0.27988	3.09564	5 X
K00V41B	16.6	0.15	K118R	350.620	127.364	277.787	5.597	0.27396	3.09002	4 X
K00W06S	14.9	0.15	K118R	341.336	33.973	26.793	18.228	0.18052	3.12510	5 X
K00W16N	16.8	0.15	K118R	9.946	177.164	255.498	5.250	0.15086	2.31992	5 X
K00W28Q	16.3	0.15	K118R	315.888	36.068	61.344	24.632	0.34222	2.37009	3 X
K00W46W	15.8	0.15	K118R	30.326	127.388	227.479	15.651	0.25289	3.11095	5 X
K00W95F	14.9	0.15	K118R	334.042	178.755	256.856	16.546	0.18891	3.15163	5 X
K00WF0H	16.5	0.15	K118R	344.196	7.645	38.133	8.526	0.18033	3.11007	2 S
K00WF2Q	14.7	0.15	K118R	348.882	140.137	251.167	16.050	0.24539	3.13003	4 X
K00Y31Q	16.5	0.15	K118R	312.892	343.404	100.308	3.492	0.17161	2.43444	5 X
K00Y48O	16.9	0.15	K118R	302.204	187.896	279.141	9.238	0.20596	2.41255	5 X
K01C29W	16.7	0.15	K118R	306.560	354.935	98.356	7.750	0.16378	2.44226	5 X
K01D24P	15.2	0.15	K118R	75.252	326.409	341.737	6.729	0.10085	2.51612	7 X
K01D41C	16.2	0.15	K118R	190.075	207.484	349.687	12.579	0.14780	2.53702	5 X
K01E17F	15.3	0.15	K118R	321.407	86.714	48.448	24.624	0.28721	3.17881	5 X
K01F01G	15.6	0.15	K118R	27.839	353.905	23.082	5.275	0.17776	2.51785	7 X
K01F93K	14.6	0.15	K118R	48.001	293.897	42.631	8.593	0.19203	2.54596	6 S
K01O33J	17.1	0.15	K118R	25.195	273.117	74.260	7.050	0.13946	2.17242	4 X
K01O74X	17.4	0.15	K118R	15.915	60.286	286.359	6.007	0.21879	2.19500	5 X
K01Q85H	16.1	0.15	K118R	90.882	273.331	359.592	14.024	0.26518	2.78848	4 X
K01QI6G	17.2	0.15	K118R	114.404	23.690	238.568	20.042	0.04258	1.81251	5 X
K01QX0Q	17.8	0.15	K118R	5.230	359.753	7.324	5.274	0.19653	2.20954	4 S
K01R35G	17.0	0.15	K118R	345.927	218.158	176.086	7.934	0.17534	2.19257	5 X
K01R56S	17.2	0.15	K118R	357.915	34.231	358.628	6.542	0.10365	2.18130	6 X
K01R82G	17.3	0.15	K118R	26.062	123.121	230.227	6.583	0.12930	2.18809	5 X
K01S16B	16.5	0.15	K118R	31.057	261.543	91.605	0.245	0.17856	2.84174	4 X
K01S28B	17.4	0.15	K118R	37.846	310.779	15.355	6.344	0.22704	2.20245	3 X
K01S35G	17.7	0.15	K118R	354.517	264.071	123.453	2.245	0.28491	2.21315	5 X
K01S84H	16.0	0.15	K118R	57.327	316.809	334.621	14.459	0.13528	2.87688	4 X
K01SB4F	17.7	0.15	K118R	9.517	33.055	319.334	2.932	0.17086	2.22163	7 X
K01SB5R	18.5	0.15	K118R	48.235	88.328	203.321	7.400	0.38130	2.18708	3 X
K01SC7B	18.0	0.15	K118R	340.794	76.768	347.110	5.438	0.35015	2.20037	3 X
K01SI1Z	18.2	0.15	K118R	13.161	170.160	179.575	2.144	0.21875	2.20019	5 X
K01SJ0C	17.4	0.15	K118R	73.837	136.688	160.425	4.392	0.10877	2.18288	3 X
K01SM1L	16.5	0.15	K118R	36.754	332.331	20.235	2.075	0.08564	2.84777	6 X
K01SM9Q	16.9	0.15	K118R	35.374	311.604	34.118	5.103	0.01133	2.20848	6 X
K01SP3Q	16.7	0.15	K118R	342.914	225.606	189.321	12.144	0.21710	2.90525	3 X
K01SQ2H	16.8	0.15	K118R	349.268	297.253	148.539	3.597	0.50625	2.83609	4 X
K01SY6M	15.8	0.15	K118R	30.769	140.215	207.366	14.550	0.15763	2.85256	6 X
K01SY6S	17.7	0.15	K118R	353.763	64.553	326.927	5.425	0.11312	2.20019	4 X
K01SZ1T	15.8	0.15	K118R	25.357	290.616	69.578	13.448	0.09255	2.89228	5 X
K01SZ5V	18.7	0.15	K118R	6.171	288.590	56.628	5.901	0.21702	2.23791	4 X
K01T14S	17.4	0.15	K118R	35.846	43.733	291.968	3.953	0.17938	2.21037	6 X
K01T23J	17.6	0.15	K118R	355.678	29.420	354.685	6.908	0.18132	2.20935	4 X
K01T60D	15.5	0.15	K118R	333.849	35.898	41.571	6.055	0.40570	2.91296	6 X
K01TA8L	16.6	0.15	K118R	0.043	82.183	292.254	4.733	0.14409	2.91086	4 X
K01TC2F	17.2	0.15	K118R	38.806	359.457	326.583	7.928	0.23401	2.21770	6 X
K01TC7X	17.5	0.15	K118R	53.283	257.808	60.096	5.139	0.18831	2.19677	5 X
K01TD2V	16.1	0.15	K118R	352.311	109.298	285.688	10.235	0.17776	2.88852	4 X
K01TF3V	17.3	0.15	K118R	297.023	161.573	301.434	7.017	0.16671	2.21091	3 S
K01TG0R	16.7	0.15	K118R	16.784	163.224	225.664	7.502	0.03280	2.88076	5 X
K01TH1R	15.9	0.15	K118R	350.919	318.455	84.947	13.710	0.16473	2.90775	3 X

K01U04W	18.6	0.15	K118R	251.653	159.442	333.781	3.389	0.06594	1.57757	7 X
K01U05E	18.7	0.15	K118R	8.511	283.451	40.930	7.552	0.51440	2.21652	2 X
K01U64B	15.3	0.15	K118R	30.679	90.007	265.299	13.503	0.17222	2.86193	5 X
K01UB0L	17.7	0.15	K118R	9.220	308.854	64.718	4.057	0.14595	2.21107	5 X
K01UC1B	17.3	0.15	K118R	337.304	184.986	220.572	6.655	0.09414	2.23639	5 X
K01UD8J	18.0	0.15	K118R	335.251	7.649	39.871	7.315	0.13362	2.22413	5 X
K01UH7R	17.3	0.15	K118R	321.743	201.280	223.459	25.646	0.19139	2.24059	2 X
K01UJ9D	16.9	0.15	K118R	352.315	45.809	349.511	0.632	0.17270	2.89295	5 X
K01UK7A	17.3	0.15	K118R	20.427	255.355	86.876	8.132	0.23345	2.22234	4 X
K01UM6Q	17.9	0.15	K118R	33.151	156.393	163.066	5.834	0.19400	2.22482	3 X
K01V10M	16.3	0.15	K118R	353.691	133.636	255.752	15.275	0.28389	2.92577	4 X
K01V73Y	15.7	0.15	K118R	84.433	40.413	292.488	12.360	0.22030	2.78901	3 X
K01V81V	16.5	0.15	K118R	239.779	278.795	243.633	21.683	0.19667	2.25922	5 X
K01V82T	16.1	0.15	K118R	349.754	341.120	55.915	21.143	0.16345	2.93258	4 X
K01V85A	16.0	0.15	K118R	333.886	12.398	54.900	10.518	0.07592	2.90663	4 X
K01V93T	16.0	0.15	K118R	299.704	330.660	134.149	13.564	0.19619	2.97859	5 X
K01VC8R	16.6	0.15	K118R	354.926	258.575	135.926	8.249	0.18149	2.90692	5 X
K01W00H	16.6	0.15	K118R	327.752	217.235	202.666	6.789	0.24034	2.96698	3 X
K01W05J	15.7	0.15	K118R	46.896	56.683	254.858	23.904	0.19490	2.27136	5 X
K01W07S	17.4	0.15	K118R	340.359	301.763	103.858	5.867	0.12420	2.23741	4 X
K01W15U	18.9	0.15	K118R	15.797	154.262	186.421	2.428	0.29980	2.24993	4 X
K01W59Y	17.2	0.15	K118R	285.732	241.531	239.346	5.584	0.13140	2.22777	4 X
K01WA4C	16.5	0.15	K118R	273.607	80.237	31.501	10.633	0.09925	3.11228	5 X
K01X32P	16.5	0.15	K118R	332.320	320.697	103.998	3.031	0.12130	2.93454	5 X
K01X33D	17.3	0.15	K118R	0.239	89.576	274.740	19.162	0.10178	1.87949	5 X
K01X75U	15.7	0.15	K118R	4.906	293.898	89.436	6.849	0.08644	2.93430	6 X
K01X78F	16.0	0.15	K118R	322.325	348.784	80.527	11.497	0.09637	2.97937	4 X
K01X84C	16.3	0.15	K118R	217.542	287.651	249.944	21.808	0.19754	2.28976	6 X
K01X93G	16.0	0.15	K118R	2.818	334.345	62.819	5.932	0.07083	2.93844	5 X
K01XC2C	17.2	0.15	K118R	301.310	8.487	77.844	8.312	0.06938	2.24466	4 X
K01XC3M	15.7	0.15	K118R	39.737	109.402	225.959	9.899	0.15671	2.95620	6 X
K01XD1E	15.9	0.15	K118R	358.537	163.331	221.807	3.224	0.15013	2.97145	6 X
K01XE9Z	15.3	0.15	K118R	216.988	288.791	262.318	11.635	0.07829	2.99456	5 X
K01XF1M	17.8	0.15	K118R	359.412	286.455	86.811	5.753	0.21884	2.25512	4 X
K01XG2Z	17.5	0.15	K118R	304.330	179.244	273.095	2.100	0.11623	2.25671	5 X
K01XG9M	17.1	0.15	K118R	326.644	148.670	266.280	23.147	0.19049	2.26629	4 X
K01XM3T	17.0	0.15	K118R	230.965	111.561	58.310	9.215	0.06089	2.23978	4 X
K01XM9V	17.7	0.15	K118R	336.549	331.170	75.341	7.377	0.16517	2.24887	4 X
K01XO2N	17.3	0.15	K118R	313.710	116.391	334.613	0.139	0.23255	2.98762	6 X
K01Y28F	16.4	0.15	K118R	350.145	353.920	56.519	2.821	0.10546	2.93585	6 X
K01Y54Z	17.2	0.15	K118R	25.422	83.028	267.153	6.147	0.12434	2.25462	4 X
K01Y71N	15.7	0.15	K118R	331.818	332.491	87.223	10.501	0.10989	3.04561	5 X
K01Y87M	14.8	0.15	K118R	257.632	238.051	277.839	12.901	0.28204	3.12952	5 X
K01YA0H	16.0	0.15	K118R	348.356	289.888	103.299	12.269	0.13261	3.02220	4 X
K01YA9F	15.3	0.15	K118R	270.573	44.551	82.207	19.182	0.11308	3.04282	5 X
K01YC1N	17.1	0.15	K118R	347.806	87.974	310.858	5.444	0.13954	2.24672	5 X
K01YC9E	17.4	0.15	K118R	314.348	35.261	49.191	5.759	0.15587	2.25854	5 X
K02A49H	15.4	0.15	K118R	340.422	130.514	287.603	8.633	0.08497	3.06491	4 X
K02A59N	14.7	0.15	K118R	290.894	158.556	306.557	27.041	0.12505	3.11849	3 X
K02A65G	16.6	0.15	K118R	318.809	323.409	139.246	6.852	0.32969	3.01813	3 X
K02A80A	15.7	0.15	K118R	256.111	197.574	298.436	12.067	0.08329	3.09782	4 X
K02AB9U	15.8	0.15	K118R	313.001	127.077	322.254	9.252	0.15296	3.07537	6 X
K02AG1P	15.8	0.15	K118R	225.022	224.471	308.508	14.615	0.15049	3.17669	4 X
K02AH4T	15.2	0.15	K118R	275.001	2.465	119.219	10.645	0.03289	3.11696	7 X
K02C21A	15.2	0.15	K118R	311.338	106.570	344.388	15.733	0.20377	3.09816	5 X
K02C23V	16.7	0.15	K118R	188.083	271.080	285.977	11.550	0.07721	2.33187	4 X
K02C28P	15.7	0.15	K118R	314.558	357.045	100.902	7.700	0.17844	3.04157	5 X

K02C37U	15.3	0.15	K118R	186.083	238.727	329.444	12.254	0.10952	3.22688	6 X
K02C43S	16.8	0.15	K118R	59.714	320.387	328.768	20.211	0.10027	1.92680	5 X
K02C64D	15.7	0.15	K118R	272.606	44.517	77.710	11.356	0.06108	3.17052	5 X
K02C64O	15.2	0.15	K118R	267.327	31.835	98.232	11.593	0.17416	3.16010	5 X
K02CB3L	15.2	0.15	K118R	208.520	210.779	346.931	9.698	0.07596	3.10097	5 X
K02CB7H	15.6	0.15	K118R	213.336	219.879	322.815	11.633	0.08450	3.16024	4 X
K02CC3D	17.5	0.15	K118R	286.307	324.672	157.227	6.913	0.16676	2.28835	4 X
K02CC8Z	15.1	0.15	K118R	128.990	325.939	301.857	8.337	0.03908	3.17663	4 X
K02CH7K	16.2	0.15	K118R	345.384	87.164	325.977	7.728	0.13612	3.07538	3 X
K02CH7L	15.7	0.15	K118R	220.501	213.939	323.649	9.387	0.07092	3.14836	5 X
K02CJ0Z	16.2	0.15	K118R	166.181	244.433	132.332	5.516	0.07103	2.70291	3 W
K02CL5A	15.9	0.15	K118R	240.010	85.275	75.954	1.757	0.16384	3.20326	5 X
K02CR6B	15.3	0.15	K118R	276.224	266.473	225.870	15.728	0.16803	3.11886	4 X
K02CT6B	16.5	0.15	K118R	269.957	145.694	2.077	0.769	0.11774	3.11620	7 X
K02D15S	17.8	0.15	K118R	268.714	191.122	296.694	4.372	0.20029	2.31541	3 X
K02E08Z	17.6	0.15	K118R	332.763	40.210	351.796	18.794	0.10580	1.91910	4 X
K02E34C	17.0	0.15	K118R	214.126	130.860	47.644	3.316	0.12584	2.35580	7 S
K02E55M	16.2	0.15	K118R	330.793	268.757	159.289	15.354	0.31692	3.04590	5 X
K02E57S	16.3	0.15	K118R	44.332	107.952	283.572	3.677	0.23288	2.23074	4 X
K02E83F	17.5	0.15	K118R	212.798	314.958	233.842	0.885	0.12615	2.35854	5 X
K02E91H	17.1	0.15	K118R	223.218	166.041	18.617	3.024	0.16235	2.34441	7 X
K02EA1M	15.6	0.15	K118R	312.149	275.121	178.497	21.600	0.21166	3.10763	7 X
K02EF5D	17.2	0.15	K118R	146.633	10.944	208.742	2.777	0.12448	2.43423	6 X
K02G43V	17.4	0.15	K118R	178.425	202.338	14.746	1.508	0.13199	2.39258	5 X
K02G59B	17.8	0.15	K118R	210.592	170.647	10.850	1.401	0.13025	2.39283	6 X
K02G73C	16.7	0.15	K118R	140.190	217.416	32.085	15.300	0.16616	2.42030	5 X
K02GC4O	17.3	0.15	K118R	69.489	322.148	203.798	2.283	0.13060	2.69860	2 W
K02GC8Q	17.4	0.15	K118R	243.029	277.891	236.545	3.071	0.10617	2.36591	6 X
K02GH3V	17.7	0.15	K118R	192.820	87.998	118.920	4.246	0.17309	2.39710	4 X
K02GJ0J	16.9	0.15	K118R	236.186	291.970	221.024	11.407	0.06093	2.40594	6 X
K02J82W	16.7	0.15	K118R	46.534	251.986	52.899	29.553	0.36462	2.58388	4 X
K02JB9K	15.3	0.15	K118R	190.736	144.426	140.250	16.579	0.03044	3.12325	6 X
K02JD4T	16.8	0.15	K118R	184.898	168.336	37.479	5.993	0.07808	2.41988	4 X
K02JD7Q	17.2	0.15	K118R	5.201	326.185	48.017	21.590	0.08187	1.95255	4 X
K02K01B	17.1	0.15	K118R	46.465	258.585	58.727	22.429	0.09665	1.97733	7 X
K02K10A	16.6	0.15	K118R	128.778	202.680	55.244	6.278	0.18087	2.45173	5 X
K02K16R	16.4	0.15	K118R	12.152	146.692	202.550	18.951	0.31638	2.60119	4 X
K02L33G	15.0	0.15	K118R	271.167	87.268	134.828	17.118	0.09888	3.09399	5 X
K02L39U	16.8	0.15	K118R	39.727	162.813	153.949	8.561	0.30711	2.58476	6 X
K02L63C	15.9	0.15	K118R	10.979	45.155	308.065	11.758	0.16434	2.61571	3 X
K02M05X	16.1	0.15	K118R	29.513	95.188	258.509	13.738	0.19027	2.61021	2 X
K02M06U	17.4	0.15	K118R	52.038	25.070	274.151	5.542	0.20761	2.62281	3 X
K02N01R	16.9	0.15	K118R	8.094	168.468	194.145	12.648	0.30516	2.65183	3 X
K02N68H	16.5	0.15	K118R	67.800	1.770	291.249	11.292	0.17646	2.62020	4 X
K02N70B	16.9	0.15	K118R	36.214	68.748	256.795	11.331	0.31178	2.64746	4 X
K02N73S	16.4	0.15	K118R	32.898	134.652	262.859	6.816	0.28446	2.53225	5 X
K02N74X	16.5	0.15	K118R	17.429	203.716	157.154	3.779	0.13965	2.60910	7 X
K02N77X	16.4	0.15	K118R	29.501	271.299	77.663	3.407	0.28237	3.96439	4 X
K02O08O	16.3	0.15	K118R	59.496	172.603	142.697	10.729	0.16480	2.59419	4 X
K02O23C	15.3	0.15	K118R	46.633	72.779	261.932	13.743	0.14212	2.58568	5 X
K02O34Z	16.3	0.15	K118R	11.965	236.046	124.159	10.498	0.15420	2.64064	5 X
K02P54W	15.9	0.15	K118R	5.496	62.083	309.970	11.646	0.27248	2.65188	4 X
K02PA3M	16.3	0.15	K118R	48.237	23.296	295.769	10.668	0.18566	2.62407	4 X
K02PA4J	16.8	0.15	K118R	17.574	55.052	291.469	9.897	0.27020	2.65985	3 X
K02PB5R	15.8	0.15	K118R	2.736	122.711	262.225	10.344	0.20116	2.62967	4 X
K02PF5K	17.1	0.15	K118R	46.599	307.780	20.927	1.416	0.16367	2.60531	8 X
K02PJ7K	17.1	0.15	K118R	350.345	147.776	244.745	2.733	0.19725	2.61429	5 X

K02PJ8C	17.1	0.15	K118R	353.244	100.604	283.613	11.322	0.20342	2.65114	4 X
K02PJ8T	16.6	0.15	K118R	61.921	39.490	257.378	14.946	0.18209	2.64516	4 X
K02Q32P	17.5	0.15	K118R	355.912	357.274	26.769	2.077	0.26050	2.67139	3 X
K02Q59L	16.7	0.15	K118R	345.717	211.531	201.652	4.428	0.21881	2.62386	7 X
K02Q65L	17.5	0.15	K118R	23.045	284.078	79.878	0.149	0.11694	2.60779	6 X
K02Q84J	15.9	0.15	K118R	328.488	201.527	321.886	23.731	0.21050	2.37546	5 X
K02QB1L	16.5	0.15	K118R	339.825	257.727	149.676	12.656	0.18430	2.64867	3 S
K02QC4O	16.8	0.15	K118R	122.932	296.752	298.820	9.204	0.04332	2.62703	3 X
K02QC5G	16.7	0.15	K118R	13.964	159.791	221.131	8.629	0.13911	2.61956	5 X
K02QD4S	16.5	0.15	K118R	1.737	306.824	81.654	3.638	0.10879	2.62376	6 X
K02QD7R	16.6	0.15	K118R	108.997	152.688	136.289	2.409	0.09176	2.57255	9 X
K02QE3K	16.8	0.15	K118R	41.090	301.594	41.251	10.598	0.10289	2.61667	4 X
K02R01P	17.5	0.15	K118R	353.183	125.574	257.625	8.743	0.42101	2.69087	3 X
K02R21A	16.8	0.15	K118R	339.485	244.639	156.467	10.987	0.23452	2.68567	3 X
K02R31B	16.0	0.15	K118R	4.451	44.400	327.440	11.956	0.13092	2.66584	4 X
K02R36L	16.4	0.15	K118R	65.239	345.751	313.877	8.321	0.19794	2.63581	5 X
K02R42B	16.4	0.15	K118R	20.503	217.635	146.248	10.092	0.11516	2.63054	9 X
K02R57M	16.7	0.15	K118R	354.989	78.999	312.188	3.376	0.32522	2.68219	3 X
K02R66Q	16.6	0.15	K118R	18.895	134.233	223.759	12.961	0.12244	2.66245	5 X
K02R92X	16.4	0.15	K118R	11.268	13.415	359.423	4.640	0.19837	2.67295	4 X
K02R93Q	16.3	0.15	K118R	22.673	15.313	326.649	11.223	0.19491	2.68279	4 X
K02RC7W	16.2	0.15	K118R	105.701	43.897	231.115	10.948	0.15333	2.58754	5 X
K02RE2A	16.4	0.15	K118R	325.894	140.341	295.422	4.599	0.07139	2.61715	7 X
K02RF7W	16.5	0.15	K118R	5.174	38.558	336.068	7.493	0.16377	2.66778	2 X
K02RI3S	15.5	0.15	K118R	73.186	77.533	237.667	12.354	0.19033	2.61567	6 X
K02RJ1L	16.4	0.15	K118R	352.083	86.950	290.348	11.086	0.25812	2.69900	4 X
K02RL0R	16.4	0.15	K118R	24.779	176.450	181.973	11.497	0.14137	2.66093	4 X
K02RM4U	16.3	0.15	K118R	239.793	20.870	330.781	11.727	0.11486	3.06344	3 W
K02RO6N	16.5	0.15	K118R	339.849	47.983	338.688	13.783	0.19040	2.66320	3 X
K02RO7N	16.6	0.15	K118R	1.562	72.273	336.348	11.455	0.28221	2.60981	4 X
K02RQ7F	17.3	0.15	K118R	2.399	154.307	214.120	1.488	0.09728	2.69303	7 X
K02RS6C	17.2	0.15	K118R	350.889	113.171	281.364	10.853	0.08319	2.64760	4 X
K02S03H	16.6	0.15	K118R	59.242	43.786	278.431	9.411	0.10281	2.61309	6 X
K02S04W	16.5	0.15	K118R	332.060	242.154	184.945	9.343	0.24936	2.68978	5 X
K02S68C	18.1	0.15	K118R	358.554	5.393	7.999	7.028	0.18165	2.69555	2 X
K02S69K	15.8	0.15	K118R	87.550	215.586	72.298	10.083	0.10669	2.64103	7 X
K02S74H	17.2	0.15	K118R	350.728	231.660	152.490	13.443	0.17385	2.71400	4 X
K02T52W	16.0	0.15	K118R	2.596	329.037	44.048	6.229	0.32650	2.73091	3 X
K02T61J	15.8	0.15	K118R	350.095	178.936	224.559	12.384	0.15291	2.66833	4 X
K02T70E	16.5	0.15	K118R	26.368	142.945	222.544	13.109	0.12431	2.65977	4 X
K02T81S	16.0	0.15	K118R	20.463	223.481	133.068	8.134	0.18071	2.67268	6 X
K02TA5H	16.1	0.15	K118R	46.154	98.358	211.841	11.756	0.26513	2.66032	5 X
K02TA9V	16.7	0.15	K118R	24.171	242.270	93.472	7.871	0.31895	2.68991	3 X
K02TB5X	15.8	0.15	K118R	50.034	11.777	306.859	7.911	0.18613	2.68070	4 X
K02TC3K	16.2	0.15	K118R	17.428	60.095	300.458	9.858	0.06481	2.67344	3 S
K02TG7H	16.0	0.15	K118R	18.115	94.200	264.226	11.524	0.19625	2.67398	5 X
K02TH1X	16.3	0.15	K118R	347.040	129.272	274.068	9.972	0.17856	2.66758	5 X
K02TH5N	15.5	0.15	K118R	83.084	5.527	279.654	12.391	0.14521	2.65259	7 X
K02TI4R	16.8	0.15	K118R	46.638	91.606	231.865	3.304	0.27427	2.65126	4 X
K02TK8R	16.0	0.15	K118R	17.839	276.173	73.669	8.645	0.24245	2.68930	4 X
K02TL2T	16.1	0.15	K118R	352.588	288.344	94.681	12.264	0.19466	2.69324	5 S
K02TN5S	16.2	0.15	K118R	356.675	113.379	269.746	12.332	0.21801	2.70806	4 X
K02TP7H	16.4	0.15	K118R	352.056	331.660	39.025	13.325	0.22000	2.75053	5 X
K02TW8T	17.4	0.15	K118R	102.973	247.397	29.608	5.124	0.15003	2.63688	5 X
K02TW9B	17.6	0.15	K118R	339.709	9.919	47.614	2.753	0.19893	2.67341	3 X
K02TY2A	17.0	0.15	K118R	112.206	223.201	39.425	13.155	0.12464	2.67921	3 X
K02TZ0L	17.3	0.15	K118R	73.715	60.892	247.022	7.422	0.10496	2.60740	4 X

K02TZ3U	16.9	0.15	K118R	46.630	138.341	195.416	11.528	0.05812	2.64407	3 X
K02Tc2Y	17.2	0.15	K118R	11.864	140.938	213.520	4.456	0.10202	2.75344	4 X
K02U12R	16.2	0.15	K118R	302.034	246.910	223.896	54.476	0.32549	2.76471	2 X
K02U27H	16.2	0.15	K118R	310.224	60.292	37.574	12.298	0.08329	2.68491	6 X
K02U38W	16.7	0.15	K118R	45.170	272.786	56.772	14.935	0.22562	2.70349	3 X
K02U51U	16.7	0.15	K118R	121.147	321.243	297.371	12.815	0.06834	2.60580	4 X
K02U70N	17.1	0.15	K118R	15.061	299.521	81.707	9.650	0.11258	2.66074	3 X
K02V25M	15.8	0.15	K118R	24.986	253.276	82.724	14.947	0.21875	2.74240	4 X
K02V39N	16.3	0.15	K118R	358.340	305.251	80.083	13.976	0.17502	2.73210	4 X
K02V53H	15.3	0.15	K118R	9.246	129.418	255.738	13.050	0.10528	2.70493	4 X
K02V75J	16.8	0.15	K118R	313.873	26.712	59.273	20.606	0.20026	2.74548	3 X
K02V79T	16.2	0.15	K118R	335.610	205.489	215.883	9.375	0.17726	2.74151	5 X
K02V96O	15.7	0.15	K118R	2.931	133.495	255.193	10.024	0.13039	2.70630	6 X
K02VA4X	15.4	0.15	K118R	317.458	200.238	253.019	13.595	0.14984	2.72673	7 X
K02VA7V	16.4	0.15	K118R	17.419	334.499	36.641	9.349	0.18063	2.72583	6 X
K02VB3O	16.6	0.15	K118R	3.979	297.678	70.370	6.160	0.31750	2.73235	6 X
K02VB8O	15.8	0.15	K118R	48.709	107.863	280.582	15.373	0.21654	2.58569	4 X
K02VC2R	16.1	0.15	K118R	22.037	334.463	26.358	13.578	0.19278	2.72029	5 X
K02VE6C	17.0	0.15	K118R	330.060	311.188	124.957	4.224	0.05220	2.69934	8 X
K02W10D	16.0	0.15	K118R	6.293	141.143	237.701	4.890	0.06907	2.76653	6 X
K02X19N	15.3	0.15	K118R	42.416	89.480	257.283	13.624	0.19165	2.69864	5 X
K02X36V	15.3	0.15	K118R	356.753	102.938	287.911	8.313	0.08858	2.76509	5 X
K02X98M	15.6	0.15	K118R	53.434	241.965	61.879	19.308	0.25801	2.77510	6 X
K02Y12B	18.4	0.15	K118R	281.112	305.937	271.167	14.015	0.55196	1.68661	4 X
K02Y32M	15.7	0.15	K118R	10.067	312.331	57.615	12.963	0.13809	2.74753	5 X
K03A67P	17.0	0.15	K118R	319.991	359.952	92.430	8.222	0.27674	2.77446	4 X
K03B00R	15.5	0.15	K118R	307.942	223.938	329.081	27.905	0.11518	2.63733	3 X
K03B31A	16.2	0.15	K118R	345.239	118.331	293.040	6.250	0.31307	2.79852	4 X
K03B91V	17.2	0.15	K118R	65.490	28.223	254.731	6.240	0.20214	2.22525	6 X
K03D08Q	17.5	0.15	K118R	286.452	359.641	112.339	3.060	0.04254	2.16094	6 X
K03E27T	16.0	0.15	K118R	202.097	199.552	10.588	13.542	0.19846	3.00127	5 X
K03E42P	16.0	0.15	K118R	21.355	316.217	54.653	10.618	0.03423	3.09155	6 X
K03F17S	17.7	0.15	K118R	161.348	31.121	193.929	3.860	0.08648	2.21350	6 X
K03F23Q	15.9	0.15	K118R	158.309	228.601	359.597	17.618	0.16806	3.10772	4 X
K03F58P	16.0	0.15	K118R	125.709	29.899	213.991	5.298	0.05490	3.15516	6 X
K03FA1X	15.7	0.15	K118R	273.196	136.166	355.290	9.074	0.09731	2.99432	4 X
K03FA9J	16.1	0.15	K118R	213.496	170.896	36.635	16.294	0.16540	2.99687	4 X
K03FD2Q	17.3	0.15	K118R	58.699	113.646	190.358	9.033	0.23459	2.30536	3 X
K03G31F	15.4	0.15	K118R	249.081	132.694	17.925	21.459	0.05072	3.05539	5 X
K03G35M	16.2	0.15	K118R	240.113	135.554	38.754	11.012	0.15626	2.97809	4 X
K03G36N	16.6	0.15	K118R	127.801	317.079	310.826	0.850	0.06758	3.12008	7 X
K03H11T	15.3	0.15	K118R	153.360	182.778	48.479	9.550	0.14990	3.18293	6 X
K03H47P	17.6	0.15	K118R	123.864	77.336	186.779	3.584	0.15963	2.26934	6 X
K03J06N	16.3	0.15	K118R	188.058	146.925	63.184	7.860	0.16863	2.23855	5 X
K03J16Y	16.6	0.15	K118R	159.206	130.709	100.748	7.479	0.15398	2.24886	6 X
K03M00H	17.1	0.15	K118R	121.023	184.474	64.081	3.144	0.18362	2.32350	6 X
K03O20F	15.5	0.15	K118R	178.842	14.812	280.010	8.859	0.04411	3.10805	6 X
K03Q00M	16.7	0.15	K118R	6.162	62.306	314.142	4.182	0.18597	2.43353	7 X
K03Q07W	17.2	0.15	K118R	7.992	16.629	347.740	0.765	0.21003	2.46165	6 X
K03Q50G	16.8	0.15	K118R	2.674	330.038	46.828	4.388	0.23930	2.46733	6 X
K03S15S	15.1	0.15	K118R	183.969	4.826	290.638	16.618	0.19536	3.14418	4 X
K03S53G	17.4	0.15	K118R	352.119	81.310	296.370	5.044	0.29159	2.52232	4 X
K03S58L	14.8	0.15	K118R	220.995	325.216	302.089	16.345	0.11675	3.13566	5 X
K03S93Y	14.8	0.15	K118R	349.554	192.823	212.803	7.643	0.33486	3.98265	3 X
K03SD1Y	17.2	0.15	K118R	32.906	359.801	343.247	7.047	0.14657	2.44793	3 X
K03SD8B	17.5	0.15	K118R	61.403	293.692	9.516	19.990	0.06155	1.90614	4 X
K03SF7X	16.9	0.15	K118R	5.570	171.764	213.244	5.437	0.15541	2.46327	6 X

K03SG8K	16.8	0.15	K118R	357.390	260.225	119.831	9.821	0.22685	2.46698	7 X
K03SK3E	17.8	0.15	K118R	8.509	104.863	268.641	0.755	0.19746	2.46109	3 X
K03SK5G	17.2	0.15	K118R	50.759	304.048	6.970	12.278	0.21981	2.46837	4 X
K03SL1A	16.5	0.15	K118R	340.964	167.066	243.408	5.497	0.08832	2.42538	5 X
K03SU6W	17.0	0.15	K118R	343.872	151.940	224.752	13.179	0.21221	2.55110	5 X
K03SV2X	17.0	0.15	K118R	340.016	321.088	90.051	4.060	0.15326	2.45684	3 X
K03U06L	16.4	0.15	K118R	248.786	248.965	246.443	18.919	0.09219	1.90910	8 X
K03U07D	17.3	0.15	K118R	265.536	86.110	29.898	24.961	0.02574	1.90182	3 X
K03U08R	16.9	0.15	K118R	291.864	153.990	285.131	17.255	0.08419	1.92582	4 X
K03U13G	17.2	0.15	K118R	333.420	194.614	214.307	20.863	0.10607	1.91913	3 X
K03U39S	17.2	0.15	K118R	344.569	235.372	166.448	1.380	0.13179	2.51979	6 S
K03U41M	17.4	0.15	K118R	20.153	334.298	24.620	1.228	0.20646	2.47049	7 X
K03U42T	17.1	0.15	K118R	49.413	302.628	28.601	5.827	0.09813	2.46715	6 X
K03U53U	14.7	0.15	K118R	12.296	66.479	302.032	8.867	0.32350	3.97929	3 X
K03U80V	16.9	0.15	K118R	20.445	201.373	129.841	8.484	0.23822	2.54012	4 X
K03U96S	17.6	0.15	K118R	34.347	104.934	226.263	2.375	0.27116	2.47744	3 X
K03UD1H	15.6	0.15	K118R	10.427	97.296	281.031	8.649	0.30723	3.95993	3 X
K03UE4Y	15.9	0.15	K118R	344.448	335.816	45.167	9.054	0.16490	2.57015	5 X
K03UE8M	16.5	0.15	K118R	329.124	302.578	120.512	5.411	0.18699	2.52419	6 X
K03UJ0V	17.4	0.15	K118R	7.124	290.647	58.529	8.125	0.27529	2.53465	6 X
K03UK7W	16.3	0.15	K118R	38.676	291.620	30.367	9.335	0.11589	2.55255	4 X
K03UM8H	16.1	0.15	K118R	311.507	321.242	119.317	4.064	0.09497	2.52116	6 X
K03UR2C	15.7	0.15	K118R	9.853	329.849	42.986	3.561	0.27276	3.99439	3 X
K03UU2T	17.2	0.15	K118R	109.031	42.519	229.794	5.592	0.16853	2.44982	7 X
K03UX6O	18.0	0.15	K118R	128.972	93.821	177.371	2.291	0.03425	2.41664	4 X
K03UZ7O	16.6	0.15	K118R	128.827	201.767	30.088	5.665	0.22201	2.54478	8 X
K03Ub4O	17.9	0.15	K118R	347.428	184.710	224.055	5.889	0.08954	2.42744	3 X
K03V02H	17.5	0.15	K118R	310.215	173.959	242.763	22.047	0.10242	1.94125	3 X
K03V03J	16.2	0.15	K118R	91.735	40.440	236.500	9.272	0.11631	2.55702	5 X
K03V07V	18.4	0.15	K118R	295.807	35.251	57.936	26.005	0.13989	1.93165	3 X
K03W02D	16.1	0.15	K118R	35.255	36.366	311.742	1.048	0.11621	2.51662	8 X
K03W22Q	17.0	0.15	K118R	324.969	154.492	262.075	16.778	0.28522	2.54676	4 X
K03W31N	17.4	0.15	K118R	309.811	25.177	39.584	11.991	0.13916	2.55786	3 X
K03W33R	16.0	0.15	K118R	293.144	216.569	256.753	14.240	0.07983	2.53318	4 X
K03W58U	15.3	0.15	K118R	12.981	316.066	57.868	3.855	0.28302	4.02475	3 X
K03W65E	16.7	0.15	K118R	290.343	23.634	67.397	10.400	0.08534	2.57867	4 X
K03W77P	17.2	0.15	K118R	338.244	303.481	100.440	11.126	0.25402	2.55434	3 X
K03WA2V	15.7	0.15	K118R	343.219	51.051	347.962	14.868	0.13361	2.54307	6 X
K03WA9D	17.5	0.15	K118R	3.667	321.800	42.572	11.594	0.26137	2.52645	5 X
K03WB5J	16.7	0.15	K118R	295.897	71.684	41.822	4.330	0.17632	2.54050	6 X
K03WB9R	15.6	0.15	K118R	37.060	85.116	265.964	11.806	0.13751	2.53754	5 X
K03WD7M	16.4	0.15	K118R	351.549	140.585	256.094	7.642	0.26470	2.53290	4 X
K03WD9V	16.8	0.15	K118R	339.138	3.302	73.100	23.807	0.08749	1.90613	4 X
K03WE6J	16.3	0.15	K118R	348.186	45.713	344.946	14.141	0.12475	2.54860	5 X
K03WE7S	16.6	0.15	K118R	30.969	225.670	103.539	9.612	0.29996	2.54004	6 X
K03WF6H	16.4	0.15	K118R	348.007	210.825	188.654	13.419	0.17083	2.54992	5 X
K03WH1R	16.1	0.15	K118R	298.824	239.582	213.247	14.467	0.08240	2.54815	4 X
K03WH1T	17.3	0.15	K118R	349.730	184.307	202.923	15.859	0.34639	2.52743	3 X
K03WJ0F	15.7	0.15	K118R	357.671	38.177	334.509	17.539	0.31968	2.56514	3 X
K03X00C	15.2	0.15	K118R	13.216	325.491	65.139	27.768	0.29111	2.55198	5 X
K03X00Y	16.2	0.15	K118R	300.687	104.799	49.403	27.818	0.44807	2.58250	3 X
K03X19L	16.2	0.15	K118R	316.195	47.139	44.003	13.927	0.22081	2.58180	5 X
K03Y00J	20.3	0.15	K118R	52.469	165.599	89.801	19.467	0.19900	0.93061	2 X
K03Y00U	17.0	0.15	K118R	255.315	279.991	277.736	18.919	0.08343	1.86755	6 X
K03Y02B	15.5	0.15	K118R	296.236	256.817	285.462	21.175	0.23254	2.42389	5 X
K03Y04V	16.9	0.15	K118R	335.682	314.655	106.840	7.831	0.23022	2.53183	4 X
K03Y17Z	16.3	0.15	K118R	277.837	202.930	287.722	12.380	0.19922	2.62017	4 X

K03Y20X	16.4	0.15	K118R	9.458	70.554	304.927	4.038	0.23895	2.58634	6 X
K03Y33H	17.3	0.15	K118R	327.525	316.026	109.805	11.107	0.29578	2.54526	3 X
K03Y46A	16.2	0.15	K118R	249.001	149.201	15.580	7.504	0.15253	2.55941	7 X
K03Y49S	16.8	0.15	K118R	339.228	210.795	269.832	5.390	0.13294	2.43911	4 X
K03Y52Y	17.3	0.15	K118R	3.249	333.498	59.572	23.111	0.08748	1.89193	5 X
K03Y56U	16.7	0.15	K118R	327.342	324.615	105.106	7.037	0.22223	2.54925	6 X
K03Y60F	16.9	0.15	K118R	12.819	92.387	253.056	12.246	0.30726	2.55703	4 X
K03Y62G	15.7	0.15	K118R	3.169	101.468	285.104	5.914	0.20368	2.57581	6 X
K03YA3F	15.3	0.15	K118R	267.623	242.580	265.616	11.790	0.20559	2.66664	5 X
K03YA7Z	16.7	0.15	K118R	348.391	328.614	68.699	12.837	0.18984	2.59260	5 X
K03YC8E	16.5	0.15	K118R	322.156	23.599	56.202	8.390	0.15694	2.59677	4 X
K03YD4L	16.4	0.15	K118R	272.024	92.647	37.513	9.247	0.06451	2.62663	4 X
K03YE4P	16.0	0.15	K118R	304.994	325.624	115.714	13.678	0.11688	2.62574	3 X
K03YE4W	16.7	0.15	K118R	329.835	349.793	74.170	14.651	0.15646	2.60616	4 X
K03YE7A	15.7	0.15	K118R	29.590	322.297	21.470	13.631	0.19188	2.54737	3 X
K03YF2U	15.7	0.15	K118R	312.009	84.035	2.079	13.903	0.16290	2.63013	4 X
K03YG7Y	16.4	0.15	K118R	323.421	19.828	59.708	9.497	0.11559	2.55319	7 X
K03YH5E	17.3	0.15	K118R	235.253	124.517	40.990	2.306	0.03434	2.63907	7 X
K04A05F	17.2	0.15	K118R	290.343	50.773	68.179	4.199	0.19188	2.62229	6 X
K04A07Y	17.0	0.15	K118R	331.358	71.989	5.394	5.899	0.32130	2.56805	4 X
K04A08J	17.0	0.15	K118R	340.556	342.809	112.211	24.550	0.10692	1.88199	5 X
K04A08T	16.2	0.15	K118R	269.273	228.080	275.996	11.988	0.20852	2.64433	4 X
K04B07B	17.1	0.15	K118R	345.644	350.233	37.178	3.802	0.19236	2.63520	3 X
K04B09B	16.4	0.15	K118R	8.139	8.637	32.530	10.666	0.22309	2.54455	4 X
K04B12H	16.9	0.15	K118R	321.699	22.263	58.191	2.410	0.09351	2.63003	6 X
K04B13M	16.1	0.15	K118R	175.004	128.529	103.503	5.256	0.13987	2.67254	4 X
K04B17E	16.8	0.15	K118R	339.596	337.041	65.160	15.360	0.27416	2.62781	4 X
K04B22E	16.3	0.15	K118R	355.841	242.352	153.015	5.046	0.28122	2.56842	4 S
K04B23Q	15.9	0.15	K118R	232.365	239.384	282.596	10.801	0.13290	2.67943	5 X
K04B33P	17.0	0.15	K118R	315.657	352.054	87.227	3.382	0.07272	2.64815	6 X
K04B41F	16.5	0.15	K118R	319.299	112.997	330.511	26.754	0.41077	2.60392	3 X
K04B43N	15.7	0.15	K118R	251.655	185.357	324.601	12.467	0.13507	2.69228	5 X
K04B52Y	16.8	0.15	K118R	345.801	103.541	306.567	5.660	0.06726	2.63747	4 X
K04B54X	16.7	0.15	K118R	304.565	317.554	140.570	12.232	0.14508	2.63040	5 X
K04BA7Z	16.2	0.15	K118R	273.061	159.439	330.490	11.193	0.20073	2.65866	5 X
K04BC1D	16.1	0.15	K118R	322.056	56.112	25.572	15.230	0.22327	2.62106	5 X
K04BE3S	17.4	0.15	K118R	344.547	291.767	116.863	3.496	0.06247	2.65296	6 X
K04BE4K	17.7	0.15	K118R	347.382	299.851	115.285	3.544	0.09876	2.61996	5 X
K04BF3A	17.1	0.15	K118R	22.265	267.739	97.806	4.767	0.17542	2.62141	7 X
K04C20F	17.3	0.15	K118R	106.117	187.373	102.685	4.856	0.07420	2.68613	6 X
K04C58J	16.8	0.15	K118R	300.633	84.211	24.446	8.322	0.15101	2.62873	3 X
K04C58T	16.5	0.15	K118R	349.139	38.481	13.617	4.686	0.27322	2.57885	5 X
K04C71G	16.3	0.15	K118R	192.797	229.210	330.505	10.910	0.08240	2.73069	6 X
K04C72J	16.5	0.15	K118R	171.928	240.286	332.825	14.669	0.07515	2.75145	5 X
K04C76L	16.7	0.15	K118R	325.326	271.653	153.958	12.725	0.15967	2.66761	7 X
K04C89F	17.1	0.15	K118R	348.201	297.959	98.284	5.823	0.26487	2.62364	6 X
K04C92U	16.3	0.15	K118R	264.486	219.134	293.062	5.496	0.15718	2.67583	5 X
K04C93R	16.0	0.15	K118R	190.000	284.783	286.395	8.878	0.14913	2.72486	6 X
K04D36J	16.7	0.15	K118R	300.066	117.918	339.902	12.136	0.11121	2.67370	2 X
K04E01Y	16.2	0.15	K118R	305.744	277.285	178.804	10.556	0.11577	2.70849	4 X
K04E20A	16.1	0.15	K118R	275.313	357.825	140.948	8.753	0.20431	2.70619	7 X
K04E24G	16.1	0.15	K118R	298.648	10.848	108.171	6.226	0.22363	2.65705	6 X
K04E24P	16.5	0.15	K118R	295.566	78.680	30.385	13.438	0.28053	2.64934	3 X
K04E42N	15.8	0.15	K118R	235.204	168.531	10.522	7.621	0.16012	2.73453	5 X
K04E61M	16.9	0.15	K118R	233.846	347.803	180.380	4.936	0.09585	2.74712	5 X
K04E64S	16.0	0.15	K118R	172.801	152.289	71.040	11.007	0.19692	2.80257	5 X
K04E79N	16.1	0.15	K118R	207.153	141.312	60.855	2.778	0.17279	2.79648	6 X

K04F34Y	15.9	0.15	K118R	318.271	123.216	318.191	4.707	0.03522	2.75837	8 X
K04F63N	16.3	0.15	K118R	271.805	119.294	24.333	13.417	0.14481	2.72607	5 X
K04F90Q	15.5	0.15	K118R	256.838	265.338	249.688	23.590	0.16240	2.71454	6 X
K04F94T	16.6	0.15	K118R	247.456	150.202	20.088	14.006	0.19033	2.69605	3 X
K04FC0B	16.8	0.15	K118R	340.320	245.324	164.630	5.183	0.09769	2.76322	6 X
K04FD6J	15.1	0.15	K118R	43.503	243.719	80.910	17.514	0.22662	3.12804	9 X
K04FE2G	16.4	0.15	K118R	241.865	138.209	23.237	3.254	0.19574	2.78198	4 X
K04G04X	16.6	0.15	K118R	234.161	50.077	129.632	3.342	0.24100	2.77347	4 X
K04G35G	17.0	0.15	K118R	283.796	146.292	25.472	4.358	0.17943	2.62645	5 X
K04G47K	16.5	0.15	K118R	63.826	290.184	30.082	5.424	0.10494	2.93300	6 X
K04H07H	16.4	0.15	K118R	311.814	241.554	208.974	4.384	0.12768	2.77774	6 X
K04L31H	18.6	0.15	K118R	22.106	188.409	143.800	3.707	0.30650	2.24939	4 X
K04N00V	17.2	0.15	K118R	27.818	212.501	127.693	7.338	0.16654	2.20903	7 X
K04O08U	17.1	0.15	K118R	19.656	61.026	285.374	9.928	0.14527	2.21203	5 X
K04P26D	18.9	0.15	K118R	31.427	87.969	233.658	0.769	0.23884	2.24848	4 X
K04P29S	17.3	0.15	K118R	3.602	334.141	34.559	3.840	0.20029	2.25095	4 X
K04P34A	17.8	0.15	K118R	40.716	3.331	325.719	3.149	0.19048	2.22678	6 X
K04Q10L	18.3	0.15	K118R	1.579	251.623	104.615	7.084	0.27593	2.28181	3 X
K04Q24G	15.9	0.15	K118R	340.392	134.894	247.351	22.501	0.30616	2.32802	3 X
K04Q24L	17.0	0.15	K118R	19.375	182.909	167.630	8.671	0.20068	2.26268	5 X
K04R16J	17.4	0.15	K118R	13.123	340.593	7.853	7.046	0.16389	2.26352	2 X
K04R26M	18.1	0.15	K118R	48.385	264.909	51.365	1.439	0.21438	2.23170	4 X
K04R43E	17.8	0.15	K118R	0.940	174.590	187.397	2.667	0.17552	2.26772	6 X
K04R46W	17.6	0.15	K118R	61.749	349.170	326.840	0.579	0.12176	2.22292	6 X
K04R49Q	17.9	0.15	K118R	11.010	358.770	356.240	6.766	0.11604	2.26493	3 X
K04R77R	16.7	0.15	K118R	32.191	300.461	10.466	23.890	0.29766	2.28635	3 X
K04R79V	17.0	0.15	K118R	41.411	248.926	49.756	23.683	0.25298	2.28881	5 X
K04RB3M	18.2	0.15	K118R	44.887	154.186	179.355	2.714	0.16694	2.20945	3 X
K04RI9A	16.6	0.15	K118R	0.767	68.399	312.591	6.030	0.11860	2.26147	7 X
K04RJ1K	16.7	0.15	K118R	26.104	40.873	308.755	6.171	0.14735	2.26817	8 X
K04RJ4H	17.6	0.15	K118R	22.476	65.946	263.461	3.451	0.23146	2.29219	6 X
K04RL6M	17.3	0.15	K118R	316.139	101.752	342.139	21.040	0.33659	2.29358	3 X
K04RX9B	15.5	0.15	K118R	59.642	258.173	136.511	13.056	0.15755	3.08614	4 X
K04RY6M	18.4	0.15	K118R	29.826	104.534	228.379	5.891	0.26611	2.26541	3 X
K04S03W	17.2	0.15	K118R	43.992	139.377	180.508	4.489	0.17567	2.25909	3 X
K04S40M	16.8	0.15	K118R	4.542	346.632	39.900	5.573	0.20370	2.27702	5 X
K04S44U	17.0	0.15	K118R	14.736	28.292	330.084	7.020	0.14080	2.26710	3 X
K04T19S	17.3	0.15	K118R	27.096	192.122	148.673	5.702	0.16823	2.28595	5 X
K04T25A	17.9	0.15	K118R	54.860	15.126	291.683	0.851	0.25146	2.25316	4 X
K04T32G	17.7	0.15	K118R	271.275	128.500	2.247	6.927	0.03969	2.24977	5 X
K04T46Z	17.5	0.15	K118R	32.518	145.135	206.931	6.149	0.14311	2.26758	5 X
K04T56A	17.4	0.15	K118R	334.159	236.585	174.470	1.824	0.20373	2.30844	7 X
K04T73P	18.7	0.15	K118R	55.537	288.704	25.226	4.223	0.16923	2.27841	3 X
K04T75L	17.4	0.15	K118R	10.042	325.318	34.284	7.331	0.15513	2.30857	4 X
K04T81R	17.4	0.15	K118R	223.942	308.291	204.687	6.313	0.06183	2.28626	5 X
K04T85L	18.1	0.15	K118R	41.984	105.067	202.748	4.475	0.17507	2.29704	3 X
K04T88Q	17.5	0.15	K118R	98.727	249.422	28.106	6.404	0.13436	2.24548	4 X
K04T89Z	17.9	0.15	K118R	337.924	39.310	359.025	5.485	0.06848	2.29989	4 X
K04TA2K	17.2	0.15	K118R	154.463	182.526	55.698	3.743	0.18377	2.26026	6 X
K04TA2O	16.9	0.15	K118R	25.261	116.537	220.928	8.583	0.18191	2.29915	3 X
K04TA2T	18.0	0.15	K118R	340.910	177.376	223.260	4.139	0.19377	2.30236	4 X
K04TB9H	17.7	0.15	K118R	339.524	267.527	127.266	6.008	0.17031	2.28287	4 X
K04TD1Y	16.8	0.15	K118R	22.541	164.284	178.263	5.321	0.21298	2.29858	5 X
K04TE2U	17.6	0.15	K118R	16.006	357.213	8.387	0.448	0.11086	2.27220	5 X
K04TE8Y	17.5	0.15	K118R	342.159	173.105	213.843	4.891	0.11620	2.30460	3 X
K04TF3V	17.1	0.15	K118R	252.499	128.591	18.298	7.568	0.06045	2.25041	5 X
K04TF5J	17.2	0.15	K118R	142.158	209.331	28.481	6.565	0.09772	2.26153	4 X

K04TF7K	17.0	0.15	K118R	83.958	60.682	236.672	6.730	0.12556	2.27441	4	X
K04TG2Q	17.4	0.15	K118R	2.187	335.040	34.692	11.158	0.14544	2.30906	3	X
K04TG2S	19.3	0.15	K118R	336.300	207.867	199.250	2.525	0.21134	2.30657	2	X
K04TG3H	16.7	0.15	K118R	222.423	124.960	46.862	6.825	0.03437	2.28163	4	X
K04TK3P	16.6	0.15	K118R	108.126	217.162	35.622	7.472	0.12157	2.36534	8	X
K04TK7G	17.2	0.15	K118R	18.142	148.920	214.181	6.423	0.12602	2.30364	3	X
K04TK7S	17.7	0.15	K118R	311.835	226.683	208.491	4.333	0.20513	2.33322	2	X
K04TO0X	17.6	0.15	K118R	12.960	62.286	295.644	5.054	0.21439	2.28619	4	X
K04TR3W	17.0	0.15	K118R	28.164	320.348	29.527	6.046	0.18999	2.28653	8	X
K04TR9O	17.7	0.15	K118R	25.929	49.697	287.575	1.645	0.26113	2.28361	4	X
K04TS7Q	17.1	0.15	K118R	7.952	285.021	53.861	6.534	0.27704	2.33327	4	X
K04TW5Q	16.9	0.15	K118R	13.215	347.773	20.967	7.949	0.14020	2.28520	4	X
K04Ta6Y	17.7	0.15	K118R	353.653	186.781	212.530	5.186	0.15961	2.30282	4	X
K04Ta8T	19.0	0.15	K118R	10.506	127.495	230.357	3.088	0.25910	2.29846	3	X
K04V17X	17.3	0.15	K118R	319.495	220.546	205.274	5.011	0.21567	2.32018	7	X
K04V36E	17.6	0.15	K118R	46.185	68.200	243.657	2.066	0.23263	2.31304	3	X
K04V37D	17.5	0.15	K118R	176.202	351.616	229.553	10.822	0.06052	2.29181	3	X
K04V53S	17.4	0.15	K118R	337.631	352.225	61.613	2.770	0.08946	2.29991	5	X
K04V70S	17.6	0.15	K118R	6.486	140.548	235.161	4.849	0.17990	2.30501	7	X
K04W01Z	17.3	0.15	K118R	272.945	57.148	61.423	10.137	0.05004	2.32595	5	X
K04W02D	17.2	0.15	K118R	341.113	181.683	220.494	3.105	0.17843	2.32053	5	X
K04W07Y	17.6	0.15	K118R	13.723	299.117	60.949	7.136	0.15230	2.31607	4	X
K04X00S	17.2	0.15	K118R	328.015	111.122	317.155	5.380	0.19061	2.31946	4	X
K04X02W	17.3	0.15	K118R	308.225	22.213	65.077	3.337	0.17607	2.33618	4	X
K04X32V	16.6	0.15	K118R	285.620	31.156	85.705	7.817	0.13067	2.33930	4	X
K04X49M	17.3	0.15	K118R	316.108	163.797	279.003	6.343	0.15801	2.33101	2	X
K04X56M	17.3	0.15	K118R	278.199	95.020	28.844	2.572	0.15643	2.36520	6	X
K04X66H	18.5	0.15	K118R	276.767	90.313	30.554	1.583	0.13081	2.36327	5	X
K04X70T	15.1	0.15	K118R	325.782	126.171	295.882	10.531	0.28455	3.99196	3	X
K04X81V	16.6	0.15	K118R	1.976	271.775	99.878	8.602	0.20135	2.37125	7	X
K04XA1Z	17.1	0.15	K118R	305.623	13.429	91.280	8.985	0.24033	2.34357	4	X
K04XA5L	16.4	0.15	K118R	286.398	225.723	255.446	22.328	0.11853	2.30629	6	X
K04XC1W	17.2	0.15	K118R	349.128	23.716	10.646	1.906	0.23648	2.32805	3	X
K04XC3F	17.2	0.15	K118R	322.028	188.787	242.911	6.821	0.10197	2.33548	4	X
K04XD0M	16.9	0.15	K118R	317.301	189.979	309.222	28.125	0.46353	2.32856	5	X
K04XD3K	16.9	0.15	K118R	20.372	315.011	41.900	8.760	0.27474	2.28979	5	X
K04XF8M	17.2	0.15	K118R	308.007	345.446	100.733	5.574	0.14752	2.37093	4	X
K04XH6J	16.8	0.15	K118R	355.730	121.740	273.344	5.331	0.12294	2.34724	6	X
K04Y14B	17.5	0.15	K118R	281.777	204.744	271.482	0.363	0.12751	2.39549	5	X
K05A01V	16.9	0.15	K118R	297.853	343.200	128.213	5.598	0.20512	2.37334	4	X
K05A05N	16.7	0.15	K118R	285.163	153.943	333.666	6.541	0.22282	2.37350	6	X
K05A05Z	17.2	0.15	K118R	317.746	111.318	330.685	4.518	0.19911	2.36482	4	X
K05A78L	17.4	0.15	K118R	305.734	22.909	68.586	2.979	0.16680	2.40371	5	X
K05B04X	17.5	0.15	K118R	304.704	52.746	40.706	1.848	0.15095	2.38718	4	X
K05B04Z	16.8	0.15	K118R	303.487	14.995	75.974	6.017	0.07236	2.40178	5	X
K05B36K	17.5	0.15	K118R	352.954	274.830	115.948	6.381	0.19176	2.39137	3	X
K05C04U	17.4	0.15	K118R	273.395	105.801	31.714	3.743	0.15371	2.41060	4	X
K05C22F	17.5	0.15	K118R	335.942	352.512	125.729	8.704	0.14968	2.30145	6	X
K05C23O	16.4	0.15	K118R	290.921	286.788	183.389	7.359	0.16302	2.40412	4	X
K05C43O	17.6	0.15	K118R	295.869	330.295	136.139	2.987	0.15686	2.40801	4	X
K05C50U	16.8	0.15	K118R	316.565	343.254	160.027	5.569	0.09580	2.31497	4	X
K05C68J	16.1	0.15	K118R	202.276	220.345	303.963	10.319	0.07753	2.54110	7	X
K05E50H	16.3	0.15	K118R	106.688	165.961	112.894	3.105	0.04969	2.55048	8	X
K05E70E	16.1	0.15	K118R	217.238	166.109	19.501	39.086	0.22971	2.55065	3	X
K05E80P	18.0	0.15	K118R	256.580	217.046	287.381	1.619	0.13866	2.43658	4	X
K05ED0Y	17.2	0.15	K118R	358.932	167.284	217.650	1.255	0.02256	2.48764	5	X
K05EG7E	16.7	0.15	K118R	335.826	229.118	180.181	14.571	0.05408	2.54460	6	X

K05EG7N	17.3	0.15	K118R	88.700	5.906	274.919	0.906	0.02494	2.61807	5 X
K05EJ7R	16.5	0.15	K118R	0.435	39.248	358.964	6.924	0.07096	2.54421	4 X
K05EL0L	17.3	0.15	K118R	331.639	247.933	188.126	1.756	0.16759	2.44153	5 X
K05EM6R	17.1	0.15	K118R	54.562	301.084	23.035	3.407	0.04064	2.56531	7 X
K05EO9D	17.9	0.15	K118R	328.088	121.711	308.224	0.440	0.16545	2.45886	7 X
K05EP7S	17.2	0.15	K118R	35.216	121.247	210.520	3.470	0.06298	2.65385	5 X
K05EQ0Z	15.8	0.15	K118R	48.984	319.003	11.462	14.427	0.11483	2.58246	7 X
K05EQ5A	17.2	0.15	K118R	304.875	232.756	211.722	3.457	0.10793	2.52367	6 X
K05EQ6Q	18.2	0.15	K118R	291.885	355.122	186.573	2.244	0.15931	2.34548	6 X
K05ET0B	16.4	0.15	K118R	69.012	88.741	206.233	8.789	0.07715	2.69628	4 X
K05F12X	16.2	0.15	K118R	109.187	216.643	41.618	14.270	0.22314	2.69276	7 X
K05G34Y	18.2	0.15	K118R	270.404	189.596	301.762	0.517	0.13773	2.42591	5 X
K05G44U	17.2	0.15	K118R	57.144	341.866	335.117	1.459	0.19946	2.67181	6 X
K05G52P	16.7	0.15	K118R	88.069	65.355	212.493	7.430	0.15207	2.78185	5 X
K05G53O	16.9	0.15	K118R	65.603	286.655	37.187	6.486	0.04699	2.67606	6 X
K05G59W	17.8	0.15	K118R	81.252	258.097	21.930	21.144	0.06629	1.90113	5 X
K05G87W	16.2	0.15	K118R	328.943	215.589	212.594	31.136	0.14843	2.61832	3 X
K05G99W	16.0	0.15	K118R	156.085	257.858	324.742	10.433	0.14700	2.67875	5 X
K05G99Z	16.3	0.15	K118R	347.275	61.380	359.022	22.017	0.28853	2.37533	4 X
K05GC4O	16.4	0.15	K118R	194.503	156.653	49.383	13.918	0.05575	2.52329	6 X
K05GD4U	16.8	0.15	K118R	119.086	221.124	28.432	5.074	0.05807	2.71985	5 X
K05GE1G	17.5	0.15	K118R	34.570	279.709	59.047	23.169	0.05909	1.88712	4 X
K05GF2T	16.2	0.15	K118R	126.242	31.822	205.112	13.754	0.15806	2.69977	5 X
K05GJ8F	17.2	0.15	K118R	326.892	213.144	204.479	4.432	0.21850	2.59667	3 X
K05H06B	16.1	0.15	K118R	38.001	223.413	121.032	7.225	0.03620	2.73730	4 X
K05J01P	16.1	0.15	K118R	178.182	147.880	84.076	8.728	0.15041	2.59760	4 X
K05J04U	15.5	0.15	K118R	134.629	145.585	107.062	15.650	0.05518	2.70467	9 X
K05J08H	16.5	0.15	K118R	334.674	205.851	209.370	5.011	0.19262	2.57530	5 X
K05J08Q	17.0	0.15	K118R	315.779	229.239	209.279	11.081	0.04542	2.58688	5 X
K05J19P	15.9	0.15	K118R	273.220	44.133	61.362	22.662	0.04849	2.68080	4 X
K05J23G	16.6	0.15	K118R	58.317	121.881	207.590	10.237	0.02913	2.59250	5 X
K05J27P	16.2	0.15	K118R	140.049	187.813	70.050	12.704	0.15431	2.66642	4 X
K05J33H	17.1	0.15	K118R	102.804	40.276	225.031	1.771	0.21958	2.79620	5 X
K05J34Q	17.8	0.15	K118R	93.608	215.137	66.340	23.254	0.07453	1.91782	4 X
K05J66R	15.5	0.15	K118R	192.222	160.710	34.700	14.659	0.10409	2.65329	4 X
K05J67X	16.0	0.15	K118R	2.539	341.861	49.192	22.528	0.02377	2.67230	4 X
K05J73D	17.2	0.15	K118R	21.544	296.510	69.371	7.327	0.04477	2.68664	4 X
K05J76O	16.0	0.15	K118R	82.812	58.738	233.497	12.600	0.19388	2.79186	5 X
K05J80G	17.1	0.15	K118R	55.766	251.575	67.969	25.550	0.04517	1.88249	7 X
K05J81O	16.5	0.15	K118R	213.374	323.705	230.824	12.787	0.10567	2.59030	5 X
K05JE5C	15.5	0.15	K118R	71.965	82.861	230.860	10.907	0.12300	2.76223	5 X
K05JF9W	16.9	0.15	K118R	33.702	294.768	37.296	4.116	0.09557	2.77261	6 X
K05JG3G	16.5	0.15	K118R	8.470	305.303	74.991	5.856	0.06882	2.71230	6 X
K05K02L	16.8	0.15	K118R	182.382	179.112	75.172	14.535	0.00978	2.53823	6 X
K05K03G	17.6	0.15	K118R	318.394	329.025	176.003	2.199	0.14322	2.38642	6 X
K05K11P	17.5	0.15	K118R	211.143	290.592	245.152	19.489	0.06927	1.88141	4 X
K05L09T	16.2	0.15	K118R	275.928	26.157	97.683	14.838	0.05418	2.67395	5 X
K05L23U	15.7	0.15	K118R	47.924	50.473	284.224	10.741	0.15162	3.06598	5 X
K05L30C	15.8	0.15	K118R	76.062	86.752	224.933	13.242	0.07738	2.67809	5 X
K05L38O	16.5	0.15	K118R	269.447	9.647	135.572	6.298	0.23022	2.54975	5 X
K05L52V	15.8	0.15	K118R	24.647	234.477	115.092	8.654	0.25549	3.02007	6 X
K05M03R	17.0	0.15	K118R	91.430	101.154	183.830	4.754	0.13556	2.79693	5 X
K05M15B	15.7	0.15	K118R	327.627	140.961	289.359	9.707	0.10173	2.94822	6 X
K05M19R	16.5	0.15	K118R	36.258	183.469	165.968	12.317	0.08145	2.78391	4 X
K05M22N	16.8	0.15	K118R	58.538	209.604	126.679	2.981	0.09000	2.91236	6 X
K05M28M	15.9	0.15	K118R	75.724	17.807	277.646	12.381	0.13845	2.97861	6 X
K05M34H	16.0	0.15	K118R	51.250	203.146	132.648	9.750	0.09461	2.96766	4 X

K05M36D	15.9	0.15	K118R	6.926	339.069	38.468	2.118	0.14670	3.00231	4 X
K05M41V	16.1	0.15	K118R	6.451	265.969	111.036	10.498	0.17648	3.01103	4 X
K05M41W	15.2	0.15	K118R	70.363	92.789	205.112	13.455	0.20108	3.00259	5 S
K05M54X	15.9	0.15	K118R	20.947	266.483	69.575	16.810	0.25082	3.15279	4 X
K05N05A	16.7	0.15	K118R	15.091	212.629	148.968	0.772	0.15067	3.02172	6 X
K05N09T	16.6	0.15	K118R	90.895	349.296	295.367	10.745	0.04793	2.98045	4 X
K05N18L	16.5	0.15	K118R	127.839	335.771	290.195	6.409	0.07871	2.85733	5 X
K05N35D	16.1	0.15	K118R	209.243	238.552	313.102	7.695	0.08430	2.81885	5 X
K05N37O	16.4	0.15	K118R	38.406	189.528	144.296	11.311	0.15294	3.04045	4 X
K05N47S	16.0	0.15	K118R	52.007	355.863	308.706	11.474	0.22343	3.04808	3 X
K05N67P	16.6	0.15	K118R	35.719	92.282	268.589	17.202	0.09708	1.97942	3 X
K05N84C	16.3	0.15	K118R	12.733	220.955	132.351	11.586	0.31309	3.13296	3 X
K05N99N	16.2	0.15	K118R	31.608	117.915	221.304	7.320	0.20133	3.05758	4 X
K05O17P	15.6	0.15	K118R	354.272	61.274	311.840	26.157	0.24671	3.19004	3 X
K05O26X	15.6	0.15	K118R	56.234	260.473	50.138	21.765	0.22800	3.04623	6 X
K05O27E	16.0	0.15	K118R	157.723	348.821	292.596	13.005	0.09546	2.72946	5 X
K05P11W	15.8	0.15	K118R	355.694	41.624	336.205	16.144	0.23809	3.16141	3 X
K05P28T	16.4	0.15	K118R	356.184	232.599	160.022	10.051	0.20931	3.11134	2 X
K05Q13U	15.5	0.15	K118R	16.367	21.086	341.750	10.847	0.14450	3.12061	3 X
K05Q36C	15.3	0.15	K118R	62.026	320.341	351.667	13.019	0.15357	3.12337	7 X
K05Q38O	15.7	0.15	K118R	18.474	18.668	338.636	11.972	0.11453	3.10396	4 X
K05Q43M	15.8	0.15	K118R	45.070	24.889	306.609	10.319	0.12358	3.09319	6 X
K05Q75O	16.2	0.15	K118R	351.148	53.507	344.074	12.090	0.12842	3.05412	4 X
K05Q79Q	14.9	0.15	K118R	35.186	10.079	322.304	14.016	0.19424	3.15974	4 X
K05Q87G	15.6	0.15	K118R	34.402	50.665	282.038	10.134	0.17682	3.14585	4 X
K05QC5J	16.8	0.15	K118R	34.736	244.792	81.402	0.147	0.16834	3.16859	5 X
K05QC6P	16.2	0.15	K118R	310.452	73.091	5.214	0.956	0.15830	3.14521	6 X
K05QC9U	14.9	0.15	K118R	0.670	25.449	4.768	11.430	0.10276	3.10430	5 X
K05QD8T	16.0	0.15	K118R	57.085	140.794	160.570	9.238	0.15762	3.19748	5 X
K05QF0E	16.0	0.15	K118R	51.028	150.383	172.224	8.715	0.16655	3.15172	4 X
K05QF9R	15.5	0.15	K118R	4.716	18.125	355.301	18.471	0.26996	3.15586	2 X
K05QG0S	15.8	0.15	K118R	340.373	255.859	156.353	10.964	0.04164	3.12614	5 X
K05QH2D	15.5	0.15	K118R	357.594	197.267	197.863	9.778	0.24362	3.18449	4 X
K05QH3S	15.9	0.15	K118R	36.858	136.282	196.336	9.622	0.22949	3.14506	4 X
K05QH9Q	16.5	0.15	K118R	28.565	320.828	31.684	3.594	0.22057	3.10480	4 X
K05QI0G	15.6	0.15	K118R	343.665	57.369	357.078	15.543	0.27705	3.13759	5 X
K05QI8R	16.6	0.15	K118R	358.992	72.048	325.835	3.947	0.15716	3.11688	5 X
K05QJ0U	15.8	0.15	K118R	23.790	329.047	30.755	5.513	0.16116	3.10932	6 X
K05R07W	15.8	0.15	K118R	22.369	164.156	196.656	4.610	0.30284	3.16127	6 X
K05R29O	15.2	0.15	K118R	27.983	116.992	217.431	25.335	0.25865	3.17503	3 X
K05R34P	16.3	0.15	K118R	314.330	211.438	212.045	9.787	0.03394	3.10587	5 X
K05R41B	15.6	0.15	K118R	338.814	240.572	160.851	9.906	0.10501	3.17098	7 X
K05R47Z	16.1	0.15	K118R	157.023	208.713	37.342	13.467	0.01183	3.09342	4 X
K05S06F	16.7	0.15	K118R	313.322	237.405	226.236	7.662	0.18908	3.21541	4 X
K05S09G	15.8	0.15	K118R	353.192	271.226	117.622	11.094	0.22347	3.18390	4 X
K05S12H	16.3	0.15	K118R	56.762	55.300	249.278	2.409	0.28095	3.14717	4 X
K05S30J	16.1	0.15	K118R	39.018	215.048	119.969	2.906	0.19368	3.21774	6 X
K05S34Z	16.3	0.15	K118R	337.142	350.345	71.830	5.724	0.14390	3.22128	4 X
K05S41U	16.2	0.15	K118R	355.674	40.835	359.171	10.329	0.09790	3.19306	5 X
K05S44P	16.1	0.15	K118R	32.920	102.297	253.358	2.811	0.14870	3.18558	7 X
K05S50B	16.7	0.15	K118R	316.777	264.526	192.707	1.801	0.19344	3.21715	4 X
K05S50Y	15.7	0.15	K118R	164.538	213.139	22.287	15.966	0.04533	3.15920	4 X
K05S59V	15.8	0.15	K118R	31.468	338.985	20.452	16.172	0.08583	3.18802	4 X
K05S60R	15.2	0.15	K118R	335.389	35.123	18.434	33.218	0.07083	3.23807	4 X
K05S82S	15.7	0.15	K118R	20.400	170.125	195.677	12.642	0.10199	3.18053	4 X
K05S87H	15.8	0.15	K118R	152.452	207.717	17.841	16.675	0.10872	3.21361	5 X
K05S94S	15.3	0.15	K118R	33.415	105.528	252.422	15.295	0.12266	3.08694	4 X

K05SA9T	15.5	0.15	K118R	114.241	267.845	16.097	10.558	0.06703	3.12242	6 X
K05SB2C	16.1	0.15	K118R	349.912	177.260	225.787	10.177	0.10257	3.17327	5 X
K05SB2G	15.7	0.15	K118R	31.173	124.621	233.426	10.694	0.12174	3.14049	5 X
K05SB3X	15.6	0.15	K118R	329.977	67.699	6.704	11.059	0.16932	3.16707	8 X
K05SC0Z	15.5	0.15	K118R	50.383	344.369	349.560	8.962	0.08218	3.16877	4 S
K05SC3A	16.2	0.15	K118R	354.026	185.897	213.471	11.175	0.10569	3.17283	5 X
K05SD9T	16.2	0.15	K118R	5.249	353.463	41.303	3.681	0.09357	3.13460	5 X
K05SE4Z	17.1	0.15	K118R	351.133	10.030	39.044	4.966	0.16067	3.16242	4 X
K05SF7J	16.0	0.15	K118R	256.199	99.395	40.681	4.901	0.06541	3.23195	6 X
K05SG2S	16.0	0.15	K118R	9.820	176.425	198.427	14.656	0.16500	3.21140	6 X
K05SG6Q	14.8	0.15	K118R	339.152	13.690	42.943	23.651	0.20050	3.21869	3 X
K05SG9J	16.5	0.15	K118R	357.888	134.252	261.696	3.350	0.17475	3.18257	3 X
K05SH1J	16.3	0.15	K118R	117.140	294.596	347.255	5.762	0.04320	3.08910	6 X
K05SH9B	16.4	0.15	K118R	330.016	249.795	191.803	17.295	0.28935	3.19351	3 X
K05SI1N	16.1	0.15	K118R	295.650	278.372	204.927	24.479	0.25731	3.21691	2 X
K05SI9H	16.2	0.15	K118R	285.504	72.128	49.774	2.095	0.14545	3.23642	5 X
K05SK0N	16.2	0.15	K118R	54.275	288.559	29.835	5.595	0.21950	3.16386	5 X
K05SK9L	15.8	0.15	K118R	46.286	113.874	231.112	8.757	0.12895	3.09615	3 X
K05SO0Q	15.8	0.15	K118R	302.759	242.366	230.126	10.448	0.07352	3.12528	5 X
K05SP0Q	16.0	0.15	K118R	7.697	282.183	94.168	4.192	0.20778	3.15660	6 X
K05SS6J	16.6	0.15	K118R	331.167	336.624	92.535	2.581	0.14835	3.17464	4 X
K05SS7V	15.9	0.15	K118R	285.050	31.982	92.577	13.772	0.09560	3.24150	3 X
K05ST3G	15.8	0.15	K118R	19.283	43.798	309.622	4.108	0.14198	3.18988	5 X
K05T06E	15.6	0.15	K118R	63.671	68.134	258.280	11.090	0.10300	3.14955	4 X
K05T07E	15.6	0.15	K118R	53.724	106.166	234.147	15.497	0.12956	3.13803	4 X
K05T10B	15.2	0.15	K118R	334.899	109.478	307.711	9.401	0.02838	3.19458	6 X
K05T10G	15.0	0.15	K118R	34.832	70.827	277.278	11.050	0.09779	3.20747	4 X
K05T12C	15.6	0.15	K118R	43.001	320.010	31.739	16.375	0.08870	3.18470	5 X
K05T19Q	16.3	0.15	K118R	352.760	197.275	201.734	3.637	0.18623	3.18905	5 X
K05T30J	15.0	0.15	K118R	321.768	199.581	236.217	18.354	0.12850	3.20294	4 S
K05T32N	16.0	0.15	K118R	42.019	301.462	37.737	9.649	0.09689	3.17804	3 X
K05T66D	16.2	0.15	K118R	337.044	38.485	36.438	15.547	0.24698	3.19499	2 X
K05T66K	16.4	0.15	K118R	51.938	328.114	352.582	8.048	0.06654	3.21235	3 X
K05T71G	15.4	0.15	K118R	73.890	86.670	231.227	14.256	0.08161	3.13017	5 X
K05T87T	15.9	0.15	K118R	329.515	61.584	19.868	10.040	0.07074	3.09747	4 X
K05T93W	16.7	0.15	K118R	340.507	129.897	287.859	3.341	0.13667	3.22135	2 X
K05TA2B	16.2	0.15	K118R	10.353	133.329	252.883	3.742	0.03435	3.21160	5 X
K05TA3T	15.4	0.15	K118R	340.852	182.804	240.612	8.056	0.07979	3.17512	4 X
K05TB1D	16.3	0.15	K118R	341.465	166.448	246.830	3.385	0.13404	3.20237	6 X
K05TB1P	16.0	0.15	K118R	67.387	104.105	209.172	9.110	0.08494	3.18377	6 X
K05TB4R	16.6	0.15	K118R	322.883	244.543	199.590	15.173	0.19489	3.19172	3 X
K05TC3Y	16.7	0.15	K118R	49.640	126.939	213.440	8.801	0.04315	3.20789	5 X
K05TC4R	16.2	0.15	K118R	309.514	241.060	211.653	10.096	0.07327	3.21016	3 X
K05TC6S	16.9	0.15	K118R	32.528	319.501	36.921	1.091	0.17242	3.18475	2 X
K05TC9Y	16.7	0.15	K118R	306.481	70.500	37.854	1.949	0.12647	3.20739	6 X
K05TE2J	16.0	0.15	K118R	329.169	25.929	45.524	9.768	0.03664	3.18248	4 X
K05TH5L	16.0	0.15	K118R	300.103	67.859	49.187	5.296	0.13780	3.19428	5 X
K05TH7L	15.6	0.15	K118R	5.355	147.003	242.411	9.972	0.09489	3.15937	4 X
K05TH7Z	16.1	0.15	K118R	49.430	145.943	183.797	16.102	0.18125	3.08781	3 X
K05U27P	15.6	0.15	K118R	108.609	73.046	222.232	7.923	0.05873	3.16344	3 X
K05U75R	15.0	0.15	K118R	41.994	82.163	237.879	24.177	0.36932	3.19576	3 X
K05U80G	15.3	0.15	K118R	341.412	204.158	211.412	10.202	0.31825	3.36370	2 X
K05U81Q	15.2	0.15	K118R	52.751	297.236	34.677	12.760	0.15998	3.15665	4 X
K05U83N	16.3	0.15	K118R	53.040	273.365	42.062	2.817	0.22309	3.26585	5 X
K05U89R	16.0	0.15	K118R	241.179	195.148	342.110	6.651	0.14677	3.22328	5 X
K05UC4M	15.1	0.15	K118R	143.471	35.380	231.121	12.390	0.06432	3.19230	6 X
K05UG9H	16.1	0.15	K118R	52.034	117.673	232.265	12.446	0.03416	3.24942	2 X

K05UK7Y	16.3	0.15	K118R	92.740	245.995	62.733	2.861	0.02679	3.19983	4 X
K05UL8J	16.0	0.15	K118R	115.267	80.352	265.232	5.018	0.10471	2.86858	5 X
K05UP1A	16.0	0.15	K118R	2.345	60.716	1.309	15.952	0.24138	3.14156	4 X
K05UR6Y	15.0	0.15	K118R	58.403	294.336	38.876	17.212	0.10589	3.23731	5 X
K05Uc8Q	16.4	0.15	K118R	265.825	158.553	352.511	1.280	0.13460	3.09324	5 X
K05Ud2F	17.0	0.15	K118R	345.267	306.114	118.321	3.032	0.13166	3.20110	3 X
K05Ui9Y	16.9	0.15	K118R	28.098	344.334	18.583	9.420	0.13140	3.13174	3 X
K05Uj5L	15.7	0.15	K118R	17.121	85.445	284.931	10.802	0.08365	3.20495	4 X
K05Up4W	15.8	0.15	K118R	293.252	27.049	81.947	12.160	0.07783	3.23466	3 X
K05Up6N	17.2	0.15	K118R	318.857	343.303	117.580	2.501	0.15738	3.09806	6 X
K05V62F	15.5	0.15	K118R	332.694	222.628	201.606	15.700	0.11560	3.16009	5 X
K05VC6Y	16.5	0.15	K118R	133.125	214.733	35.470	4.994	0.09854	3.13867	7 X
K05W74U	15.8	0.15	K118R	28.869	279.494	168.151	13.532	0.16018	2.99860	6 X
K05W85F	15.0	0.15	K118R	164.890	183.844	37.657	20.199	0.06882	3.25955	6 X
K05W87E	15.8	0.15	K118R	12.537	176.231	278.327	8.309	0.03095	3.12828	5 X
K05WE4L	15.7	0.15	K118R	25.570	294.653	134.729	10.154	0.13158	3.03571	5 X
K05X82E	17.9	0.15	K118R	135.181	180.264	74.711	2.397	0.10858	2.14494	5 X
K05Y12Z	18.1	0.15	K118R	188.815	96.794	107.286	3.764	0.10388	2.18087	6 X
K05Y43H	17.8	0.15	K118R	346.275	259.617	138.383	2.904	0.03659	2.16960	4 X
K05Y54F	17.5	0.15	K118R	356.881	246.414	120.859	4.448	0.17052	2.17991	5 X
K05Y54R	18.5	0.15	K118R	245.102	104.023	48.427	1.909	0.07229	2.16884	5 X
K06A47V	16.0	0.15	K118R	307.717	41.506	137.326	6.108	0.18009	3.19344	5 X
K06A53D	17.9	0.15	K118R	274.658	252.529	229.596	1.979	0.08340	2.15868	6 X
K06A72R	17.9	0.15	K118R	143.078	97.476	143.315	3.793	0.16892	2.24525	6 X
K06B47D	17.3	0.15	K118R	201.070	159.565	30.652	0.141	0.12695	2.24166	9 X
K06B91R	18.2	0.15	K118R	338.390	224.806	188.424	1.103	0.09793	2.19492	5 X
K06B96C	16.8	0.15	K118R	187.970	244.690	324.409	4.761	0.10410	2.24843	4 X
K06B98O	17.5	0.15	K118R	330.130	195.534	311.077	19.618	0.03227	2.02409	5 X
K06BF3D	17.3	0.15	K118R	108.090	282.421	334.767	4.799	0.12493	2.30782	4 X
K06BQ4M	18.0	0.15	K118R	313.708	295.790	144.846	6.362	0.12107	2.20001	4 X
K06C26Y	17.6	0.15	K118R	109.156	272.592	4.435	1.183	0.08255	2.22294	6 X
K06D03L	15.5	0.15	K118R	333.964	197.435	332.589	20.021	0.06336	3.17374	5 X
K06D14J	16.7	0.15	K118R	201.234	151.672	40.849	6.945	0.13353	2.27622	4 X
K06D23A	17.3	0.15	K118R	88.442	208.272	66.398	2.364	0.17474	2.37972	4 X
K06D33H	17.3	0.15	K118R	98.785	288.141	357.289	5.150	0.08443	2.31641	5 X
K06D39K	18.1	0.15	K118R	161.990	220.465	8.066	3.139	0.11860	2.30144	3 X
K06D69J	17.4	0.15	K118R	124.783	94.973	156.551	7.692	0.08789	2.32910	4 X
K06D73V	17.7	0.15	K118R	146.758	215.707	16.269	2.312	0.16736	2.33589	5 X
K06D89R	17.9	0.15	K118R	176.307	0.098	220.860	1.341	0.08507	2.24807	7 X
K06D90S	17.2	0.15	K118R	51.949	320.855	4.251	6.721	0.15182	2.34545	5 X
K06DB9D	17.0	0.15	K118R	150.124	90.927	145.177	2.386	0.17014	2.31038	5 X
K06DD4L	18.3	0.15	K118R	336.563	268.968	129.700	5.690	0.19165	2.23092	4 X
K06DF0N	17.0	0.15	K118R	102.709	69.522	213.314	3.522	0.08452	2.30646	5 X
K06DL1L	18.0	0.15	K118R	212.378	148.916	18.096	2.377	0.14752	2.30845	3 X
K06E26X	18.4	0.15	K118R	115.327	281.482	349.501	5.090	0.11084	2.29300	4 X
K06E38B	18.1	0.15	K118R	296.552	91.706	356.020	5.706	0.12734	2.22058	4 X
K06F13B	16.7	0.15	K118R	359.455	359.090	29.472	10.899	0.15497	2.31079	5 X
K06F36T	16.8	0.15	K118R	235.504	143.762	11.703	25.695	0.09085	2.26768	4 X
K06F53S	17.2	0.15	K118R	70.718	270.138	34.984	2.879	0.19176	2.45395	5 X
K06G30P	17.8	0.15	K118R	140.639	118.811	124.242	2.961	0.07973	2.36783	6 X
K06G31O	17.4	0.15	K118R	189.592	150.042	34.012	7.764	0.05611	2.39822	4 X
K06G52O	16.9	0.15	K118R	134.672	211.707	36.513	8.419	0.17487	2.34001	5 X
K06G54P	17.5	0.15	K118R	84.535	197.678	99.341	2.572	0.18312	2.43625	5 X
K06H05M	17.0	0.15	K118R	130.599	200.209	61.556	6.980	0.09282	2.35709	7 X
K06H50K	17.9	0.15	K118R	100.795	117.471	165.737	2.218	0.18158	2.38175	5 X
K06H78H	17.5	0.15	K118R	181.433	164.609	51.465	5.756	0.10764	2.33027	4 X
K06HA0A	17.5	0.15	K118R	209.986	139.769	40.553	3.462	0.07570	2.35765	5 X

K06HC0C	17.6	0.15	K118R	158.092	159.670	62.309	2.247	0.09692	2.40593	7 X
K06J18G	18.0	0.15	K118R	163.084	31.375	207.795	5.881	0.08163	2.34860	4 X
K06J22P	17.0	0.15	K118R	54.183	144.892	163.986	15.422	0.14201	2.55423	6 X
K06J23Y	16.9	0.15	K118R	124.764	21.183	244.022	5.238	0.08044	2.38732	8 X
K06J53G	16.9	0.15	K118R	314.535	359.409	64.996	7.828	0.09434	2.42256	4 X
K06K05M	17.0	0.15	K118R	296.205	32.629	64.184	8.142	0.08332	2.36274	5 X
K06K07J	17.6	0.15	K118R	325.887	10.408	62.159	5.414	0.03935	2.36411	4 X
K06K32N	17.6	0.15	K118R	100.134	196.103	71.170	4.344	0.14901	2.49098	3 X
K06K41D	17.7	0.15	K118R	165.727	350.283	229.177	6.515	0.06049	2.40417	4 X
K06K64E	17.1	0.15	K118R	24.025	206.665	136.551	6.067	0.23500	2.54925	5 X
K06K79U	15.9	0.15	K118R	38.481	232.872	93.423	12.526	0.20211	2.58351	4 X
K06K84J	17.0	0.15	K118R	15.343	189.450	159.269	6.360	0.27625	2.60212	5 X
K06O19U	15.7	0.15	K118R	3.621	334.681	36.069	15.284	0.19114	2.75662	5 X
K06P06S	16.6	0.15	K118R	24.124	276.446	86.255	4.873	0.18339	2.67199	6 X
K06P20J	16.6	0.15	K118R	30.429	288.752	44.292	9.428	0.29961	2.75539	4 X
K06P26X	16.1	0.15	K118R	355.011	69.254	317.801	12.812	0.23007	2.80153	3 X
K06P32S	15.7	0.15	K118R	67.137	260.596	51.387	14.572	0.10530	2.69456	3 X
K06P40W	16.3	0.15	K118R	61.496	338.027	323.417	12.115	0.19540	2.69754	2 X
K06P43Q	16.9	0.15	K118R	36.318	164.524	185.214	3.109	0.12026	2.73993	8 X
K06Q03T	17.2	0.15	K118R	16.173	157.725	206.249	0.755	0.21567	2.76747	7 X
K06Q09Q	16.7	0.15	K118R	16.624	33.360	316.728	5.228	0.16007	2.79663	3 X
K06Q19K	17.0	0.15	K118R	351.064	255.774	136.439	9.117	0.21995	2.79173	3 X
K06Q26R	16.9	0.15	K118R	2.670	205.924	172.802	3.272	0.20352	2.77421	4 X
K06Q37V	16.5	0.15	K118R	74.991	247.263	59.013	4.233	0.16172	2.64904	7 X
K06Q52H	16.5	0.15	K118R	35.141	266.857	64.643	1.971	0.07677	2.75627	8 X
K06Q61J	16.1	0.15	K118R	34.440	70.221	266.387	11.956	0.22674	2.72636	5 X
K06Q66R	16.4	0.15	K118R	349.594	235.837	164.927	13.677	0.20904	2.76919	2 X
K06Q92Q	16.9	0.15	K118R	69.104	53.008	246.179	4.528	0.22605	2.67429	4 X
K06QA0F	16.1	0.15	K118R	48.075	3.274	316.647	6.849	0.24711	2.76497	5 X
K06QA6N	17.0	0.15	K118R	57.338	101.015	224.692	2.174	0.12948	2.68417	6 X
K06QB0R	16.7	0.15	K118R	40.879	154.443	182.602	2.452	0.06664	2.71228	6 X
K06QC6J	16.4	0.15	K118R	79.259	230.797	72.303	12.312	0.20159	2.65355	7 X
K06QD8U	17.0	0.15	K118R	13.250	102.941	258.247	3.853	0.18133	2.78108	5 X
K06QE7Q	16.1	0.15	K118R	334.792	258.847	164.139	13.007	0.13732	2.76799	4 X
K06QF8J	17.0	0.15	K118R	330.967	201.927	229.658	0.752	0.14299	2.69510	7 X
K06QG3X	16.3	0.15	K118R	337.098	222.511	194.292	7.689	0.22005	2.77532	4 X
K06QI3D	16.5	0.15	K118R	262.123	278.663	205.781	3.116	0.11943	2.73276	7 X
K06R03E	16.2	0.15	K118R	307.588	346.566	99.709	12.609	0.07183	2.86616	6 X
K06R04Y	15.8	0.15	K118R	59.389	48.691	273.559	8.013	0.08973	2.72286	5 X
K06R11H	16.1	0.15	K118R	82.620	112.530	188.771	11.386	0.09686	2.71583	4 X
K06R20F	16.4	0.15	K118R	351.797	177.485	215.969	12.925	0.20674	2.79330	2 S
K06R20K	16.1	0.15	K118R	21.027	59.988	293.544	7.984	0.17573	2.80056	4 X
K06R43B	16.4	0.15	K118R	0.781	4.307	11.174	12.741	0.08401	2.87470	5 X
K06R51G	17.2	0.15	K118R	11.840	346.191	15.320	10.979	0.11586	2.89728	2 X
K06R56R	16.5	0.15	K118R	317.685	45.421	25.027	2.185	0.01677	2.84312	5 X
K06R60X	16.2	0.15	K118R	326.813	277.824	155.314	4.566	0.21716	2.79739	5 X
K06R88W	16.7	0.15	K118R	305.306	212.950	242.636	2.446	0.05307	2.78108	5 X
K06R96L	16.8	0.15	K118R	16.977	122.003	242.515	1.041	0.08254	2.86355	7 X
K06RA2K	16.8	0.15	K118R	11.362	146.960	231.273	3.589	0.15302	2.76051	5 X
K06S01G	16.1	0.15	K118R	335.781	74.843	348.627	8.479	0.16474	2.78376	4 X
K06S52D	16.5	0.15	K118R	37.363	323.188	14.641	2.221	0.12899	2.79112	5 X
K06S53B	16.7	0.15	K118R	4.290	197.082	187.020	1.970	0.09976	2.81093	7 X
K06S58O	16.2	0.15	K118R	130.093	359.447	245.815	8.332	0.05938	2.69279	4 X
K06S82E	17.3	0.15	K118R	337.760	242.540	175.083	4.233	0.09647	2.81693	3 X
K06SA6O	17.2	0.15	K118R	283.602	72.813	27.365	0.701	0.09460	2.90309	4 X
K06SA9T	16.2	0.15	K118R	329.859	225.501	199.112	9.371	0.13205	2.77751	5 X
K06SD9Q	16.6	0.15	K118R	71.615	248.387	45.949	9.571	0.26380	2.76770	3 X

K06SF9J	17.2	0.15	K118R	90.667	263.685	38.712	4.931	0.04898	2.80070	3 X
K06SG4U	16.3	0.15	K118R	166.427	358.449	222.118	7.078	0.08658	2.74305	5 X
K06SG8A	17.3	0.15	K118R	348.916	57.931	347.641	6.191	0.04580	2.75898	7 X
K06SJ6X	16.2	0.15	K118R	60.150	263.877	129.844	14.246	0.09043	2.58341	4 X
K06SJ9B	17.0	0.15	K118R	56.510	109.274	222.885	2.013	0.10270	2.75936	5 X
K06SK2F	16.7	0.15	K118R	108.024	274.612	6.056	8.568	0.14811	2.77429	5 X
K06SK2Q	16.8	0.15	K118R	310.251	222.104	205.133	1.410	0.05066	2.86993	4 X
K06SM2T	16.9	0.15	K118R	58.727	144.404	176.692	4.802	0.10912	2.75700	5 X
K06SM6L	17.3	0.15	K118R	99.011	46.308	247.810	5.121	0.08243	2.71612	5 X
K06SN4K	16.7	0.15	K118R	76.932	54.785	251.205	3.853	0.14893	2.73948	5 X
K06SN6H	17.0	0.15	K118R	33.191	211.680	157.173	2.779	0.04463	2.66325	4 X
K06SO1W	16.9	0.15	K118R	36.478	297.944	27.672	2.744	0.10688	2.84585	3 X
K06SO7S	16.9	0.15	K118R	336.349	25.289	25.619	3.866	0.10213	2.81095	4 X
K06SP0Y	17.2	0.15	K118R	14.659	155.556	208.026	1.439	0.08240	2.86324	4 X
K06SP8X	17.0	0.15	K118R	268.604	208.221	268.940	0.890	0.02357	2.86854	5 X
K06ST0M	17.5	0.15	K118R	340.214	77.451	334.222	0.624	0.11853	2.87261	4 X
K06ST0X	17.2	0.15	K118R	67.419	128.391	203.261	5.861	0.04034	2.78933	5 X
K06SU5D	16.0	0.15	K118R	66.047	220.012	95.265	4.559	0.08515	2.78641	6 X
K06SW1W	17.1	0.15	K118R	15.151	342.275	37.975	6.565	0.01756	2.78996	4 X
K06SX1R	17.3	0.15	K118R	7.209	323.574	65.909	0.921	0.08200	2.76898	6 X
K06SX3B	17.3	0.15	K118R	65.616	150.927	169.058	4.496	0.06778	2.79441	5 X
K06SX5A	16.3	0.15	K118R	353.054	346.864	56.048	5.047	0.09171	2.80514	4 X
K06SY0K	16.3	0.15	K118R	74.524	263.466	50.671	4.884	0.10243	2.75491	4 X
K06SY7K	17.6	0.15	K118R	8.372	53.617	322.666	1.160	0.08375	2.86970	6 X
K06SY8H	17.5	0.15	K118R	25.304	341.235	17.041	2.001	0.08267	2.86971	4 X
K06Sb8B	16.8	0.15	K118R	293.848	287.920	160.205	2.085	0.07401	2.84010	6 X
K06Sd2Z	16.1	0.15	K118R	300.766	10.728	75.822	1.693	0.12421	3.09424	7 X
K06Sd3E	17.0	0.15	K118R	17.031	24.165	351.415	1.458	0.08385	2.86887	7 X
K06Sd7S	16.5	0.15	K118R	11.596	148.710	209.711	10.779	0.05940	2.99392	4 X
K06Se6U	16.7	0.15	K118R	67.284	66.479	250.541	4.659	0.06747	2.81587	4 S
K06T02U	16.6	0.15	K118R	4.176	216.984	164.332	6.599	0.08515	2.85937	7 X
K06T11Z	16.9	0.15	K118R	18.020	135.362	239.299	4.900	0.09375	2.89988	5 X
K06T14Q	16.5	0.15	K118R	10.470	144.866	227.900	5.202	0.08088	2.86062	5 X
K06T15G	16.8	0.15	K118R	192.708	211.671	345.186	1.387	0.01979	2.84931	5 X
K06T28A	17.1	0.15	K118R	303.370	287.142	168.703	1.174	0.16894	2.93820	5 X
K06T32Z	17.3	0.15	K118R	13.299	349.131	32.629	10.873	0.09309	2.84543	3 X
K06T40U	16.5	0.15	K118R	301.185	82.464	9.442	1.753	0.05354	2.92520	7 X
K06T41L	17.4	0.15	K118R	313.601	45.875	30.348	3.618	0.17931	2.97988	3 X
K06T41T	16.4	0.15	K118R	232.084	123.165	38.802	2.493	0.04976	2.95508	7 X
K06T46E	16.3	0.15	K118R	264.551	251.891	220.627	21.075	0.13879	3.11717	3 X
K06T46F	17.0	0.15	K118R	348.269	309.204	94.507	1.742	0.10041	2.93382	4 X
K06T51W	16.7	0.15	K118R	314.631	220.447	208.547	6.593	0.14125	3.03943	4 X
K06T61E	17.1	0.15	K118R	341.205	3.764	54.625	2.284	0.24001	2.85189	4 X
K06T64K	16.4	0.15	K118R	357.026	177.438	224.858	8.700	0.17427	2.74159	7 X
K06T68M	15.6	0.15	K118R	288.660	117.982	20.763	16.082	0.26791	2.79861	4 X
K06T74J	16.2	0.15	K118R	339.991	351.964	58.479	14.287	0.12939	2.89221	6 X
K06TA1V	16.9	0.15	K118R	54.700	32.658	303.763	1.001	0.07028	2.86066	3 X
K06TA2G	19.2	0.15	K118R	272.934	251.749	213.564	18.394	0.11844	1.85097	4 X
K06TA6Z	17.0	0.15	K118R	20.937	320.879	39.447	2.407	0.13277	2.89789	5 X
K06TC0V	16.2	0.15	K118R	18.902	211.085	143.302	11.552	0.07389	2.97830	6 X
K06TC2D	17.1	0.15	K118R	37.177	106.833	230.752	9.572	0.15207	2.94879	2 X
K06TC8Y	16.8	0.15	K118R	349.436	3.918	44.011	12.017	0.09774	2.86566	5 X
K06U06R	15.6	0.15	K118R	306.218	74.808	48.179	13.714	0.15924	2.78803	4 X
K06U10K	16.0	0.15	K118R	279.039	262.416	202.575	9.927	0.07329	2.96694	7 X
K06U13E	16.9	0.15	K118R	349.662	267.432	135.946	3.000	0.06846	2.91139	4 X
K06U16X	17.4	0.15	K118R	37.977	142.752	210.874	1.468	0.11243	2.80099	4 X
K06U26Z	16.2	0.15	K118R	78.873	77.797	217.218	11.294	0.08649	2.92284	2 X

K06U27W	17.2	0.15	K118R	346.711	1.627	28.326	11.190	0.11372	2.94962	3 X
K06U27X	16.6	0.15	K118R	13.702	163.387	209.972	5.496	0.09107	2.87680	5 X
K06U32D	16.7	0.15	K118R	325.130	32.042	43.619	2.599	0.04479	2.85967	4 X
K06U34B	16.2	0.15	K118R	88.516	60.570	208.707	10.986	0.13717	3.00973	3 X
K06U39J	16.6	0.15	K118R	11.853	326.773	28.788	2.210	0.15731	2.97072	4 X
K06U44P	17.1	0.15	K118R	23.288	308.787	61.294	2.863	0.09259	2.90505	5 X
K06U45U	16.6	0.15	K118R	33.768	126.643	214.938	9.146	0.11550	3.00049	3 X
K06U69M	16.0	0.15	K118R	11.214	277.469	79.972	10.672	0.13616	2.98166	4 X
K06U82B	15.9	0.15	K118R	358.353	0.641	17.728	12.058	0.11038	2.96656	4 X
K06U84E	16.1	0.15	K118R	149.747	185.234	49.870	9.427	0.04519	3.00737	4 X
K06U89J	17.1	0.15	K118R	323.813	195.484	230.126	11.861	0.17882	2.98384	2 X
K06UB4Y	17.4	0.15	K118R	108.357	251.123	27.997	4.590	0.03019	2.84718	3 X
K06UB7B	17.1	0.15	K118R	30.834	321.640	26.673	2.180	0.08923	2.88879	7 X
K06UE3W	15.4	0.15	K118R	11.148	9.841	7.452	12.032	0.14999	2.93252	3 X
K06UE6R	16.4	0.15	K118R	338.522	84.586	329.046	6.960	0.15168	2.67744	4 X
K06UG2J	17.0	0.15	K118R	354.517	293.742	116.059	2.973	0.10992	2.80558	3 X
K06UG2M	16.1	0.15	K118R	14.573	322.706	58.981	6.088	0.05563	2.82134	5 X
K06UJ8L	17.4	0.15	K118R	198.885	348.023	215.066	1.282	0.02675	2.87143	4 X
K06UJ9T	16.2	0.15	K118R	324.330	119.968	310.087	6.499	0.06080	2.84571	6 X
K06UK1Y	16.5	0.15	K118R	35.964	293.643	59.276	3.044	0.09103	2.75967	4 X
K06UK8B	17.3	0.15	K118R	350.223	192.179	216.130	1.319	0.06649	2.87048	6 X
K06UM3W	15.4	0.15	K118R	64.777	54.435	242.861	11.041	0.12854	2.93056	4 X
K06UN4R	15.9	0.15	K118R	298.656	30.203	80.767	10.775	0.15302	3.14324	4 X
K06UO3Q	17.4	0.15	K118R	308.642	39.953	30.256	5.895	0.07822	2.92953	4 X
K06UP3Y	17.5	0.15	K118R	11.114	173.512	214.441	1.293	0.06487	2.86828	5 X
K06UP9W	17.2	0.15	K118R	157.186	191.463	48.883	2.756	0.01375	2.85044	6 X
K06UR1R	15.9	0.15	K118R	2.574	123.335	234.329	15.981	0.11096	3.12064	5 X
K06UR3Y	16.4	0.15	K118R	353.415	350.675	28.873	4.308	0.19684	3.02072	5 X
K06UR4S	16.6	0.15	K118R	5.959	343.459	36.210	6.086	0.08621	2.85739	5 X
K06UR5O	17.2	0.15	K118R	332.516	218.765	215.908	5.546	0.07569	2.79817	3 X
K06US5P	16.5	0.15	K118R	334.372	210.158	225.876	11.912	0.09588	2.85926	6 X
K06UT5S	17.5	0.15	K118R	341.320	60.696	354.068	0.357	0.14086	2.72507	3 X
K06UW4R	16.6	0.15	K118R	70.848	201.918	116.061	2.335	0.05873	2.96501	6 X
K06UX7E	16.5	0.15	K118R	48.271	219.069	131.464	2.911	0.08107	2.89987	7 X
K06UY6U	16.3	0.15	K118R	34.276	291.163	56.351	10.005	0.08473	2.99733	5 X
K06UZ8Z	16.8	0.15	K118R	312.913	86.373	359.671	1.032	0.03068	2.86088	4 X
K06Ua0P	16.7	0.15	K118R	343.669	316.999	105.025	3.318	0.05510	2.88396	8 X
K06V03U	17.0	0.15	K118R	311.502	225.134	204.813	8.442	0.11568	2.97921	3 X
K06V10A	16.5	0.15	K118R	45.116	91.786	233.234	7.747	0.18021	2.93147	3 X
K06V11P	16.4	0.15	K118R	109.452	240.311	46.189	2.595	0.02457	2.91473	6 X
K06V22N	18.2	0.15	K118R	1.272	175.838	185.411	1.030	0.32675	2.98638	2 X
K06V29D	15.7	0.15	K118R	308.307	41.804	41.687	7.396	0.03482	3.04154	8 X
K06V58Z	16.1	0.15	K118R	0.300	322.446	70.596	10.409	0.07260	2.96196	3 X
K06V66C	16.2	0.15	K118R	93.576	57.429	239.481	10.760	0.06805	2.98939	4 X
K06V72D	17.2	0.15	K118R	320.742	209.747	234.173	1.193	0.19955	2.98002	4 X
K06V77V	16.9	0.15	K118R	353.801	246.533	153.382	2.624	0.07148	2.95670	4 X
K06V81M	16.3	0.15	K118R	36.429	190.442	157.741	2.802	0.21662	2.94567	7 X
K06V83G	16.7	0.15	K118R	33.181	317.146	24.157	1.988	0.02218	3.04825	4 X
K06V83T	16.2	0.15	K118R	59.800	265.264	41.435	10.833	0.25697	2.92619	4 X
K06V94Z	15.8	0.15	K118R	347.953	133.371	242.602	11.663	0.09384	3.13921	3 X
K06V97S	16.3	0.15	K118R	284.063	185.501	298.850	4.627	0.07310	2.93104	5 X
K06VA5M	16.5	0.15	K118R	4.071	132.877	241.885	7.893	0.05645	3.02294	5 X
K06VD0O	16.8	0.15	K118R	16.357	148.912	204.957	1.321	0.10405	3.06533	4 X
K06VD6P	17.3	0.15	K118R	286.089	119.106	345.097	0.128	0.15699	3.09873	4 X
K06VD9L	16.8	0.15	K118R	335.152	141.263	262.433	0.842	0.11421	3.09534	5 X
K06VE1T	16.6	0.15	K118R	231.715	141.800	35.329	1.816	0.04882	2.90509	4 X
K06VE2G	19.4	0.15	K118R	354.875	154.810	226.556	6.721	0.37148	2.92370	3 X

K06VE9U	16.1	0.15	K118R	13.463	347.905	72.886	12.662	0.05957	2.68623	8 X
K06VG9P	17.0	0.15	K118R	340.349	230.965	168.313	1.181	0.18713	3.08586	4 X
K06VH0D	18.1	0.15	K118R	357.479	286.231	73.811	9.416	0.54824	2.95482	2 X
K06VH0R	15.9	0.15	K118R	242.456	254.640	269.346	9.066	0.04005	3.03058	5 X
K06W06Q	16.2	0.15	K118R	6.382	276.469	84.114	11.776	0.19311	3.04836	2 X
K06W11Y	15.5	0.15	K118R	20.800	142.729	232.916	14.377	0.05843	2.98021	4 X
K06W21S	16.2	0.15	K118R	19.446	279.828	85.155	11.883	0.12162	3.01699	3 X
K06W23C	15.8	0.15	K118R	278.623	40.459	85.237	12.777	0.05537	3.03537	5 X
K06W26B	16.1	0.15	K118R	275.695	62.499	64.292	4.644	0.04248	2.80317	6 X
K06W38Z	17.2	0.15	K118R	297.236	284.460	170.174	1.856	0.14974	3.07923	5 X
K06W40B	15.5	0.15	K118R	233.331	297.400	208.601	9.781	0.06113	3.16686	6 X
K06W49S	16.0	0.15	K118R	322.027	16.180	55.452	1.998	0.16121	3.04834	4 X
K06W63R	15.8	0.15	K118R	359.280	351.222	38.042	10.452	0.08351	2.99894	5 X
K06W79C	17.0	0.15	K118R	343.415	122.795	273.935	4.964	0.19238	3.03535	2 X
K06W85G	16.3	0.15	K118R	338.026	258.809	160.298	2.152	0.08987	3.02272	4 X
K06W97Q	18.0	0.15	K118R	347.220	161.426	251.453	1.745	0.17386	2.95150	2 X
K06W98U	16.2	0.15	K118R	6.084	320.424	65.981	13.089	0.07340	2.98550	5 X
K06WA0M	16.3	0.15	K118R	333.302	340.039	149.736	5.824	0.20708	2.68132	4 X
K06WA3B	16.0	0.15	K118R	349.904	337.205	65.585	10.874	0.09998	3.01189	3 X
K06WA3K	16.0	0.15	K118R	324.688	343.876	67.846	6.747	0.16351	3.11342	4 X
K06WA9P	16.3	0.15	K118R	354.852	279.686	123.776	0.717	0.14031	2.99596	6 X
K06WB5X	16.3	0.15	K118R	351.497	143.130	242.372	8.030	0.11894	3.11898	4 X
K06WC0W	15.3	0.15	K118R	26.667	269.249	82.783	10.695	0.10600	3.07622	7 X
K06WD8T	15.7	0.15	K118R	0.009	292.790	100.510	8.916	0.05325	2.91570	5 X
K06WD9L	16.1	0.15	K118R	10.656	298.267	72.953	10.141	0.14732	3.02534	3 X
K06WG1F	17.3	0.15	K118R	301.533	234.047	214.345	9.090	0.15721	3.04086	3 X
K06WI0L	17.6	0.15	K118R	337.105	212.200	203.006	1.928	0.16145	3.01092	2 X
K06WJ0V	17.0	0.15	K118R	314.577	46.816	38.051	0.988	0.15336	3.09122	5 X
K06WJ9K	17.3	0.15	K118R	332.127	214.041	218.279	0.510	0.13377	2.97123	3 X
K06WJ9N	16.0	0.15	K118R	13.776	292.978	82.348	11.618	0.12512	3.02627	3 X
K06WJ9O	16.6	0.15	K118R	255.073	34.259	108.697	2.812	0.02495	3.03996	5 X
K06WK3M	15.6	0.15	K118R	58.226	258.076	65.989	10.076	0.09437	3.08506	5 X
K06X05G	15.3	0.15	K118R	288.168	30.157	96.284	17.970	0.16530	3.14324	4 X
K06X06M	16.0	0.15	K118R	303.479	49.711	55.694	13.130	0.09502	2.98977	4 X
K06X08Y	16.8	0.15	K118R	341.550	98.702	302.089	4.118	0.16239	3.14308	5 X
K06X09R	16.6	0.15	K118R	291.181	99.462	8.997	1.858	0.08748	3.15913	5 X
K06X09W	17.1	0.15	K118R	309.820	75.016	23.275	1.176	0.19346	3.08898	4 X
K06X16A	15.0	0.15	K118R	259.095	44.737	92.189	20.022	0.11209	3.22215	5 X
K06X18Z	14.9	0.15	K118R	340.551	102.446	301.298	26.671	0.20616	3.12674	5 X
K06X22D	16.2	0.15	K118R	359.719	297.418	82.272	14.814	0.21915	3.05478	3 X
K06X26A	15.2	0.15	K118R	4.395	280.803	85.924	17.184	0.22922	3.04958	8 X
K06X38E	16.2	0.15	K118R	346.652	330.522	91.527	6.947	0.13416	3.08328	5 X
K06X40Q	16.3	0.15	K118R	285.413	254.617	209.362	3.386	0.14127	3.20273	6 X
K06X46K	16.2	0.15	K118R	304.586	23.763	62.479	16.753	0.16556	3.09962	4 X
K06X52C	15.5	0.15	K118R	328.500	152.712	268.699	11.723	0.16116	3.08739	3 X
K06X65T	15.1	0.15	K118R	43.567	94.803	247.691	19.843	0.08519	3.08608	4 X
K06Y06R	16.0	0.15	K118R	300.209	25.284	77.001	9.291	0.08890	3.07341	8 X
K06Y07J	16.3	0.15	K118R	344.859	316.306	84.360	14.643	0.22706	3.03017	3 X
K06Y21X	16.6	0.15	K118R	357.537	352.371	46.483	2.761	0.18615	3.05181	5 X
K06Y52T	15.8	0.15	K118R	331.103	275.922	153.580	5.420	0.17774	3.18490	7 X
K06Y55W	15.7	0.15	K118R	286.806	46.243	79.073	17.530	0.18449	3.17026	4 X
K07A04R	16.7	0.15	K118R	344.381	304.775	107.957	2.356	0.17167	3.11148	4 X
K07A12N	17.1	0.15	K118R	324.068	102.367	304.666	17.996	0.08904	1.93745	5 X
K07A19B	15.9	0.15	K118R	319.558	8.382	78.201	11.792	0.19809	3.13541	5 X
K07B01G	16.2	0.15	K118R	339.178	100.993	308.971	18.655	0.33570	3.12567	3 X
K07B06E	15.4	0.15	K118R	327.051	157.846	274.405	14.050	0.25465	3.16647	3 X
K07B38X	16.1	0.15	K118R	321.500	17.874	135.292	16.131	0.08139	2.83918	5 X

K07B59D	15.7	0.15	K118R	296.657	148.868	321.315	8.249	0.08387	3.24266	3 X
K07C60H	15.4	0.15	K118R	297.849	203.669	273.006	9.298	0.12954	3.23240	5 X
K07D02A	16.5	0.15	K118R	281.582	313.755	195.411	4.967	0.18674	3.21288	3 X
K07D04W	15.8	0.15	K118R	294.530	169.421	304.182	5.185	0.06588	3.19357	4 X
K07E35C	16.6	0.15	K118R	320.804	305.115	147.033	5.218	0.29149	3.29532	3 X
K07E66L	16.6	0.15	K118R	333.091	339.399	158.550	6.920	0.14036	3.04125	5 X
K07EL5U	15.2	0.15	K118R	29.579	306.053	132.576	11.010	0.04565	3.08068	5 X
K07F38J	17.3	0.15	K118R	289.389	115.969	17.880	20.365	0.13085	1.90737	4 X
K07G27V	15.9	0.15	K118R	279.916	83.809	132.292	13.194	0.24337	3.10912	4 X
K07L01T	15.8	0.15	K118R	299.672	16.981	191.838	7.855	0.14634	3.15739	7 X
K07M07N	17.2	0.15	K118R	42.351	232.915	84.968	8.586	0.17587	2.24174	6 X
K07M09V	17.1	0.15	K118R	1.782	178.048	187.692	3.404	0.32029	2.39396	4 X
K07N01F	17.4	0.15	K118R	33.325	168.750	138.991	5.563	0.28591	2.39110	4 X
K07N01Z	17.0	0.15	K118R	19.706	185.311	153.404	11.436	0.22633	2.39651	4 X
K07O00D	16.9	0.15	K118R	28.940	103.699	239.914	4.329	0.21564	2.38171	6 X
K07P09G	16.6	0.15	K118R	25.064	292.435	27.551	11.418	0.26711	2.44291	3 X
K07P10K	17.3	0.15	K118R	25.655	209.091	134.261	1.304	0.23124	2.37507	7 X
K07P10W	17.4	0.15	K118R	11.313	186.790	154.961	10.290	0.28139	2.46175	2 X
K07P15N	17.4	0.15	K118R	27.723	295.592	47.153	3.062	0.21602	2.37720	5 X
K07P19J	17.4	0.15	K118R	42.268	359.017	310.713	3.824	0.19803	2.39010	2 X
K07P22H	17.5	0.15	K118R	51.108	242.260	138.773	5.509	0.18451	2.20702	5 X
K07P45J	16.6	0.15	K118R	67.830	38.988	274.120	1.513	0.15805	2.52625	7 X
K07Q09E	17.5	0.15	K118R	101.965	284.542	350.694	5.195	0.17842	2.28212	4 X
K07Q09T	17.1	0.15	K118R	5.098	167.763	200.735	0.847	0.18746	2.42370	5 X
K07Q11A	17.7	0.15	K118R	6.326	226.620	143.521	2.139	0.19691	2.41362	6 X
K07Q11C	17.2	0.15	K118R	15.448	206.172	154.410	5.504	0.20056	2.40351	5 X
K07Q16B	17.9	0.15	K118R	17.794	222.826	130.777	1.906	0.19171	2.38876	4 X
K07Q16U	17.4	0.15	K118R	15.228	301.048	59.251	3.324	0.22022	2.38541	4 X
K07Q17L	18.0	0.15	K118R	7.452	101.068	273.380	1.448	0.17381	2.38276	3 X
K07R01U	17.7	0.15	K118R	63.682	150.947	164.309	3.266	0.17492	2.25559	5 X
K07R02Z	17.5	0.15	K118R	14.308	102.441	252.548	0.613	0.20462	2.39010	2 X
K07R05R	17.1	0.15	K118R	118.228	29.099	237.578	5.072	0.17310	2.25026	5 X
K07R18S	18.4	0.15	K118R	1.186	170.514	191.512	1.979	0.21078	2.45789	2 X
K07R22Y	17.8	0.15	K118R	341.945	186.389	213.105	1.856	0.21665	2.43118	6 X
K07R23Q	17.7	0.15	K118R	77.708	27.719	264.744	1.651	0.20970	2.34004	5 X
K07R24N	16.9	0.15	K118R	358.273	155.817	223.174	5.645	0.14478	2.43309	5 X
K07R32G	17.0	0.15	K118R	12.988	265.738	88.781	5.299	0.22878	2.42721	6 X
K07R32M	16.7	0.15	K118R	353.532	273.468	113.450	6.026	0.21990	2.41757	6 X
K07R35C	17.2	0.15	K118R	345.781	58.051	352.346	6.200	0.12720	2.34678	3 X
K07R39W	17.2	0.15	K118R	125.153	219.392	43.957	7.830	0.08382	2.31632	6 X
K07R41D	17.2	0.15	K118R	354.797	290.931	93.517	4.016	0.18728	2.42665	5 X
K07R42T	17.1	0.15	K118R	71.025	74.794	228.412	4.809	0.17446	2.36420	3 X
K07R63P	18.0	0.15	K118R	5.557	15.587	356.630	2.371	0.19842	2.39971	5 X
K07R68Z	17.5	0.15	K118R	348.617	268.192	129.141	2.745	0.19506	2.41765	7 X
K07R80R	17.4	0.15	K118R	120.162	279.733	343.638	4.386	0.16572	2.27626	4 X
K07R83S	17.7	0.15	K118R	8.678	94.889	275.404	0.753	0.19936	2.39960	4 X
K07R87R	18.1	0.15	K118R	32.104	350.325	347.349	0.386	0.16986	2.41919	4 X
K07R92U	18.3	0.15	K118R	353.584	205.063	173.786	1.117	0.27354	2.48195	4 X
K07R95Y	17.7	0.15	K118R	66.464	255.851	38.959	5.498	0.18329	2.44855	5 X
K07R95Z	16.5	0.15	K118R	205.158	160.424	19.037	23.957	0.16541	2.46493	3 X
K07R97M	17.3	0.15	K118R	46.408	255.679	68.074	2.814	0.22409	2.41340	5 X
K07R97S	17.4	0.15	K118R	30.380	245.230	90.884	2.767	0.20450	2.45318	5 X
K07R98W	16.6	0.15	K118R	311.329	354.739	89.749	4.709	0.14631	2.45723	5 X
K07RA9K	18.0	0.15	K118R	12.593	136.230	216.718	1.394	0.22925	2.46116	3 X
K07RB2G	18.3	0.15	K118R	16.820	179.456	187.694	2.414	0.20206	2.40826	3 X
K07RB6U	17.6	0.15	K118R	10.967	150.814	205.720	3.703	0.19184	2.46599	4 X
K07RD7S	17.7	0.15	K118R	45.047	53.438	272.130	1.088	0.19180	2.38944	5 X

K07RD8X	17.7	0.15	K118R	349.875	83.888	313.323	1.221	0.21658	2.42386	7 X
K07RE0D	17.8	0.15	K118R	16.122	132.073	217.137	0.327	0.20823	2.43843	2 X
K07RE1A	17.2	0.15	K118R	3.624	212.437	162.301	2.909	0.19802	2.42409	6 X
K07RE3D	16.6	0.15	K118R	68.455	1.903	283.571	5.224	0.11385	2.41502	5 S
K07RE6Z	17.3	0.15	K118R	354.375	237.883	146.278	5.110	0.17840	2.43256	4 X
K07RE8V	17.0	0.15	K118R	43.923	258.237	63.510	4.168	0.20638	2.41140	5 X
K07RF4B	18.1	0.15	K118R	59.871	103.364	195.416	3.235	0.19611	2.38867	3 X
K07RF6Z	17.9	0.15	K118R	9.010	334.478	26.405	1.438	0.17956	2.41682	2 X
K07RG1E	18.1	0.15	K118R	51.449	305.487	4.166	1.070	0.20237	2.36010	6 X
K07RG8S	18.1	0.15	K118R	323.092	23.436	42.990	3.211	0.15081	2.41043	5 X
K07RH4L	17.8	0.15	K118R	23.879	306.195	54.553	4.639	0.13516	2.41050	4 X
K07RH6V	17.4	0.15	K118R	330.415	158.466	268.134	0.524	0.16557	2.40438	5 X
K07RI1V	18.2	0.15	K118R	349.112	35.163	7.062	4.942	0.11991	2.43197	3 X
K07RJ8R	17.7	0.15	K118R	51.222	287.570	22.118	1.418	0.19191	2.37075	7 X
K07RK8M	17.5	0.15	K118R	26.402	266.880	61.716	2.532	0.19708	2.47348	4 X
K07RK9R	17.9	0.15	K118R	340.567	13.228	39.669	5.267	0.16330	2.41948	2 X
K07RL6L	18.7	0.15	K118R	358.081	139.831	230.882	2.686	0.29251	2.47214	2 X
K07RL7S	17.7	0.15	K118R	227.800	186.231	351.004	8.867	0.13780	2.34570	4 X
K07RM5G	18.1	0.15	K118R	306.807	215.101	228.075	2.021	0.12894	2.39693	5 X
K07RM8E	17.1	0.15	K118R	50.864	262.374	46.931	11.121	0.28042	2.54605	5 X
K07RM8F	17.0	0.15	K118R	336.685	200.913	214.346	11.316	0.15499	2.55597	3 X
K07RN8V	16.4	0.15	K118R	345.098	331.768	67.154	5.365	0.21743	2.39919	4 X
K07RO4L	18.6	0.15	K118R	354.346	331.868	60.207	2.024	0.19694	2.44670	3 X
K07RO5B	17.1	0.15	K118R	123.044	234.569	26.305	11.340	0.21148	2.34257	6 X
K07RO5N	17.0	0.15	K118R	294.324	60.864	43.719	6.519	0.07639	2.41280	4 X
K07RP8T	17.5	0.15	K118R	136.834	42.692	212.646	2.751	0.14492	2.31585	4 X
K07RP9S	17.8	0.15	K118R	10.234	310.221	41.440	6.754	0.29386	2.54707	3 X
K07RP9V	17.7	0.15	K118R	321.923	20.763	61.981	4.260	0.20159	2.42019	2 X
K07RQ2L	17.6	0.15	K118R	350.949	48.880	329.050	11.399	0.24274	2.42305	3 X
K07RS4X	17.6	0.15	K118R	300.509	300.707	160.048	2.539	0.15883	2.42992	6 X
K07RS7A	17.3	0.15	K118R	19.803	282.494	72.224	5.083	0.16325	2.42564	6 X
K07RS8P	16.4	0.15	K118R	24.080	341.782	335.616	11.994	0.24686	2.59008	4 X
K07RS9B	17.3	0.15	K118R	31.376	295.432	35.409	8.236	0.19050	2.56385	3 X
K07RT3Y	18.3	0.15	K118R	276.024	71.996	61.431	2.995	0.10941	2.35900	3 X
K07RT6K	16.9	0.15	K118R	215.710	325.088	205.894	7.640	0.21687	2.69544	4 X
K07RT7C	18.5	0.15	K118R	39.261	281.698	52.361	3.238	0.18702	2.40455	3 X
K07RV1F	16.9	0.15	K118R	45.993	264.683	67.589	13.606	0.22232	2.34099	4 X
K07RV1T	17.2	0.15	K118R	349.221	301.008	80.521	6.824	0.18584	2.43711	3 X
K07RW1F	16.9	0.15	K118R	304.390	250.597	198.753	6.367	0.09050	2.39847	8 X
K07RW1P	17.3	0.15	K118R	65.846	320.634	353.524	6.788	0.13218	2.38711	4 X
K07S03L	17.9	0.15	K118R	33.862	338.477	359.732	1.558	0.20389	2.40779	5 X
K07S06V	17.3	0.15	K118R	42.176	285.044	43.553	5.176	0.20363	2.37131	3 X
K07S08L	17.3	0.15	K118R	19.742	284.868	70.196	2.314	0.20228	2.44761	6 X
K07S09B	17.6	0.15	K118R	311.389	4.467	84.168	2.664	0.14180	2.44061	4 S
K07S11M	15.5	0.15	K118R	330.672	108.987	303.335	23.012	0.25475	2.68373	6 X
K07S18X	17.2	0.15	K118R	108.794	49.949	218.109	14.009	0.06470	2.58814	3 X
K07T00B	17.8	0.15	K118R	24.382	331.475	1.267	1.567	0.15526	2.46744	3 X
K07T03K	17.8	0.15	K118R	347.815	345.561	47.654	5.577	0.11072	2.45502	3 X
K07T04F	16.9	0.15	K118R	356.249	214.376	152.007	6.149	0.31936	2.56425	4 X
K07T04O	16.9	0.15	K118R	92.926	246.633	45.039	6.958	0.10517	2.41432	5 X
K07T06K	17.0	0.15	K118R	35.158	102.162	243.165	5.267	0.13918	2.35592	6 X
K07T09R	17.5	0.15	K118R	20.802	274.260	90.823	1.797	0.12991	2.40644	5 S
K07T35Q	14.5	0.15	K118R	63.053	229.183	51.767	32.750	0.23019	2.64371	3 X
K07T35U	16.6	0.15	K118R	330.090	14.024	34.836	14.981	0.13594	2.57916	3 X
K07T39Z	17.8	0.15	K118R	8.380	316.022	44.095	4.297	0.21776	2.52295	5 X
K07T51G	18.4	0.15	K118R	43.180	138.062	191.654	0.363	0.19680	2.45020	5 X
K07T51M	17.1	0.15	K118R	9.534	218.048	205.008	1.405	0.26137	2.33471	5 X

K07T59O	17.8	0.15	K118R	337.142	357.995	48.891	1.635	0.15945	2.41964	5 X
K07T65P	17.7	0.15	K118R	16.351	60.342	309.487	5.507	0.12773	2.44533	3 X
K07T66X	16.5	0.15	K118R	286.704	61.732	43.094	9.310	0.06148	2.47758	4 X
K07T75R	17.9	0.15	K118R	352.544	35.302	350.989	0.784	0.19937	2.46153	4 X
K07T83N	17.9	0.15	K118R	20.321	319.814	24.478	2.380	0.19401	2.46949	4 X
K07T89Q	17.3	0.15	K118R	304.451	10.755	96.110	4.114	0.14184	2.46224	4 X
K07T96A	18.2	0.15	K118R	355.707	191.703	188.058	0.900	0.19567	2.46727	3 X
K07TA4G	17.5	0.15	K118R	333.050	233.313	184.058	2.342	0.08590	2.52207	6 X
K07TC6T	17.4	0.15	K118R	308.958	28.184	47.386	5.949	0.04174	2.53522	5 X
K07TC9H	17.2	0.15	K118R	60.254	264.669	38.123	16.148	0.17112	2.54972	3 X
K07TD4J	17.1	0.15	K118R	214.440	339.192	208.678	5.096	0.05229	2.46314	6 S
K07TG0L	16.0	0.15	K118R	28.877	316.171	22.770	10.803	0.14743	2.56806	7 X
K07TG2R	16.3	0.15	K118R	120.148	207.931	35.424	5.446	0.12374	2.52222	9 X
K07TH0Q	16.6	0.15	K118R	332.888	170.738	249.120	12.899	0.24003	2.57232	2 X
K07TH9E	16.5	0.15	K118R	244.495	81.902	56.053	17.357	0.06747	2.55586	6 X
K07TJ5A	18.2	0.15	K118R	325.912	228.693	207.981	1.601	0.16889	2.46749	3 X
K07TN2H	17.6	0.15	K118R	22.235	142.453	208.934	4.391	0.17362	2.53371	4 X
K07TN7J	17.5	0.15	K118R	0.096	222.909	148.430	2.877	0.19728	2.51312	3 X
K07TQ3J	16.5	0.15	K118R	159.484	187.888	46.559	3.390	0.13114	2.47585	7 X
K07TQ6H	18.6	0.15	K118R	24.166	165.972	162.714	1.370	0.21098	2.45441	4 X
K07TR3T	17.8	0.15	K118R	31.052	114.756	223.387	9.138	0.28338	2.45441	3 X
K07TT1L	18.1	0.15	K118R	32.005	95.881	248.047	1.360	0.18620	2.40545	2 X
K07TT2H	15.9	0.15	K118R	305.937	244.101	209.828	14.695	0.09027	2.53141	6 X
K07TU2V	17.4	0.15	K118R	28.593	327.159	15.607	1.801	0.10855	2.52731	4 X
K07TV5B	18.2	0.15	K118R	332.215	190.387	212.033	2.341	0.12152	2.57151	2 X
K07TX5V	17.8	0.15	K118R	344.842	185.115	211.555	5.891	0.12463	2.41495	3 X
K07TX8U	18.0	0.15	K118R	51.056	269.264	44.320	7.888	0.23436	2.42098	3 X
K07TX9B	17.6	0.15	K118R	264.306	267.697	225.835	11.913	0.09329	2.52906	5 X
K07Ta1O	17.4	0.15	K118R	5.378	327.826	49.790	16.474	0.18836	2.53197	3 X
K07Tf0J	18.6	0.15	K118R	19.322	21.614	336.481	0.687	0.20920	2.44140	3 X
K07Tg5U	17.6	0.15	K118R	80.569	91.500	190.949	3.539	0.09067	2.61514	5 X
K07Tj0Q	17.6	0.15	K118R	335.849	321.621	93.161	5.775	0.17416	2.52140	3 X
K07U01U	17.4	0.15	K118R	329.338	27.074	37.866	1.427	0.18273	2.53747	3 X
K07U08M	16.1	0.15	K118R	328.642	142.191	269.634	11.400	0.02830	2.53214	3 X
K07U19A	18.2	0.15	K118R	44.746	320.070	7.868	1.369	0.13088	2.45652	4 X
K07U27X	18.0	0.15	K118R	341.639	257.424	149.068	2.982	0.18408	2.44071	4 X
K07U31O	18.3	0.15	K118R	6.261	316.618	54.630	2.063	0.23705	2.46891	3 X
K07U32Z	16.0	0.15	K118R	350.217	170.545	220.056	13.068	0.16133	2.58405	3 X
K07U33V	16.1	0.15	K118R	328.147	108.866	300.680	11.838	0.15421	2.54137	3 X
K07U46M	17.1	0.15	K118R	339.873	318.118	90.445	4.508	0.17346	2.53790	3 X
K07U47W	17.7	0.15	K118R	16.635	137.338	202.719	2.725	0.20188	2.54828	4 X
K07U48S	17.0	0.15	K118R	345.330	211.981	187.991	2.941	0.14716	2.57787	6 X
K07U55H	17.7	0.15	K118R	304.887	39.104	43.380	2.610	0.15650	2.57450	3 X
K07U64O	17.2	0.15	K118R	73.681	71.669	209.321	8.008	0.14664	2.56862	3 X
K07U71S	16.7	0.15	K118R	356.030	164.731	208.490	15.252	0.15548	2.58857	3 X
K07U88M	17.4	0.15	K118R	34.306	349.151	2.653	1.159	0.12125	2.52124	3 X
K07UA4K	15.9	0.15	K118R	278.254	252.718	229.825	14.143	0.04721	2.56544	9 X
K07UA5Q	17.8	0.15	K118R	316.061	246.658	198.047	4.339	0.21109	2.57723	2 X
K07UA5S	16.4	0.15	K118R	32.148	266.128	73.728	13.274	0.21030	2.56758	4 X
K07UB5M	17.3	0.15	K118R	62.230	7.494	301.628	2.020	0.18081	2.53679	5 X
K07UB6D	16.0	0.15	K118R	94.163	218.784	60.316	22.637	0.01580	2.64146	5 X
K07UC8C	17.1	0.15	K118R	262.356	259.063	226.926	1.595	0.15149	2.64269	4 X
K07UC9Z	17.0	0.15	K118R	32.793	309.601	24.340	3.383	0.05829	2.67902	4 X
K07UD5Q	17.5	0.15	K118R	333.335	152.036	246.780	11.857	0.24533	2.62089	2 X
K07UE0R	17.2	0.15	K118R	359.700	231.140	154.894	6.360	0.29950	2.52270	4 S
K07V11P	15.7	0.15	K118R	43.523	268.444	60.612	15.532	0.13534	2.58168	4 X
K07V12G	17.2	0.15	K118R	346.864	201.277	190.228	1.069	0.18760	2.39521	6 X

K07V14M	17.7	0.15	K118R	267.585	346.457	130.703	1.205	0.10520	2.55779	6 X
K07V34Q	17.5	0.15	K118R	30.562	230.331	122.264	2.181	0.18056	2.52103	4 X
K07V38W	16.5	0.15	K118R	10.430	253.670	121.600	7.301	0.10442	2.54924	4 X
K07V60K	16.4	0.15	K118R	294.365	112.289	2.789	3.252	0.16884	2.55595	3 X
K07V60Z	17.1	0.15	K118R	36.695	344.086	346.364	2.173	0.22667	2.55394	4 X
K07V61S	16.7	0.15	K118R	61.914	301.525	15.849	1.991	0.14307	2.54724	6 X
K07V63A	17.0	0.15	K118R	60.957	66.592	244.259	3.418	0.21428	2.56511	4 X
K07V67C	16.9	0.15	K118R	278.333	242.560	246.867	6.405	0.27573	2.65230	3 X
K07V67F	17.4	0.15	K118R	11.570	304.910	66.261	5.155	0.12578	2.60189	3 X
K07V73Y	17.4	0.15	K118R	98.649	248.733	37.055	6.849	0.07198	2.42217	4 X
K07V80A	16.9	0.15	K118R	333.852	181.516	239.720	7.926	0.06821	2.55873	3 X
K07V87T	16.5	0.15	K118R	285.136	85.975	24.350	10.068	0.21496	2.61366	3 X
K07V88M	15.3	0.15	K118R	93.379	21.628	260.146	15.214	0.09528	2.62292	7 X
K07V89K	17.7	0.15	K118R	355.008	152.323	244.561	5.708	0.11263	2.47919	3 X
K07V93Y	17.3	0.15	K118R	6.084	132.106	216.976	1.864	0.30836	2.60319	4 X
K07V99Z	16.1	0.15	K118R	25.135	306.082	41.876	7.306	0.17084	2.58671	7 X
K07VA0J	17.3	0.15	K118R	322.371	150.146	267.454	5.006	0.09638	2.64635	2 X
K07VA0W	18.1	0.15	K118R	351.771	357.455	29.227	3.404	0.26508	2.57125	3 X
K07VA2L	15.6	0.15	K118R	335.248	338.762	66.487	20.273	0.17210	2.62955	4 X
K07VA3K	17.1	0.15	K118R	325.624	19.503	50.969	6.538	0.10520	2.44124	2 X
K07VB2U	17.0	0.15	K118R	65.591	73.428	235.669	2.226	0.18311	2.54759	4 X
K07VB6C	17.1	0.15	K118R	38.696	122.228	205.504	5.180	0.21142	2.59582	2 X
K07VB9K	16.5	0.15	K118R	338.147	226.369	173.774	8.927	0.16503	2.58016	3 X
K07VC5E	16.9	0.15	K118R	355.209	186.314	188.933	9.916	0.21323	2.57486	2 X
K07VD6N	18.0	0.15	K118R	45.990	276.435	34.214	3.613	0.13211	2.56533	3 X
K07VD9Y	16.1	0.15	K118R	76.727	66.486	232.165	10.666	0.17409	2.55786	6 X
K07VE7Z	16.9	0.15	K118R	268.519	43.678	81.225	13.349	0.03968	2.61492	3 X
K07VF2K	16.8	0.15	K118R	84.687	15.685	268.699	6.909	0.27353	2.54621	5 X
K07VF4N	17.4	0.15	K118R	24.655	5.528	341.365	4.891	0.06058	2.59923	3 X
K07VF8N	17.9	0.15	K118R	23.838	111.249	222.775	13.299	0.25218	2.57898	2 X
K07VH3C	16.8	0.15	K118R	4.974	254.001	122.431	5.708	0.15395	2.53309	5 X
K07VH6N	18.1	0.15	K118R	44.460	256.447	47.812	1.512	0.20743	2.48411	5 X
K07VI6H	20.3	0.15	K118R	311.872	15.091	51.509	19.240	0.19702	1.57423	3 X
K07VI6M	16.9	0.15	K118R	349.506	328.244	55.254	14.981	0.11582	2.60174	2 X
K07VI6T	16.2	0.15	K118R	347.801	15.737	34.356	15.853	0.11156	2.53800	4 X
K07VI8R	15.9	0.15	K118R	16.976	321.517	42.351	14.695	0.09136	2.56228	4 X
K07VI9D	17.4	0.15	K118R	21.765	310.650	32.639	8.572	0.10912	2.62915	3 X
K07VJ3J	16.5	0.15	K118R	10.201	177.504	267.521	5.852	0.07277	2.42455	4 X
K07VL4S	16.9	0.15	K118R	2.738	225.177	159.213	4.526	0.02951	2.56511	6 X
K07VM4B	17.1	0.15	K118R	24.042	202.230	145.920	3.693	0.21322	2.56642	2 X
K07VN0X	17.4	0.15	K118R	3.960	315.188	55.276	2.479	0.18341	2.56560	3 X
K07VN7L	17.8	0.15	K118R	218.131	124.527	57.805	2.911	0.04450	2.51090	4 X
K07VP3L	17.4	0.15	K118R	355.474	213.653	165.961	5.981	0.28745	2.52687	3 X
K07VR0G	17.0	0.15	K118R	282.076	93.919	49.143	5.753	0.24106	2.54535	3 X
K07VS0Q	17.7	0.15	K118R	297.337	219.761	244.494	2.082	0.15193	2.55687	4 X
K07VT0P	17.9	0.15	K118R	325.103	206.640	226.342	0.916	0.11391	2.57706	4 X
K07VT9V	16.1	0.15	K118R	319.112	97.887	344.890	12.386	0.23921	2.67894	4 X
K07VU5V	17.1	0.15	K118R	324.184	328.210	100.416	3.229	0.06441	2.72859	3 X
K07VU8P	15.8	0.15	K118R	279.803	218.693	273.269	12.247	0.19873	2.68019	4 X
K07VU8V	16.3	0.15	K118R	12.983	241.332	123.082	3.051	0.20128	2.58579	8 X
K07VV1M	17.1	0.15	K118R	16.211	297.203	72.629	5.254	0.05866	2.58142	4 X
K07VV4U	17.6	0.15	K118R	11.998	284.411	73.196	3.240	0.24523	2.58847	2 X
K07VV5Q	17.6	0.15	K118R	303.791	72.938	33.068	4.074	0.23056	2.59757	5 X
K07VW2B	17.3	0.15	K118R	355.676	198.250	184.287	6.050	0.31118	2.56221	2 X
K07VW3F	16.5	0.15	K118R	9.273	295.282	67.035	17.909	0.24849	2.59531	3 X
K07VW7F	17.0	0.15	K118R	26.622	71.250	258.783	2.992	0.31475	2.58773	4 S
K07VW8U	16.8	0.15	K118R	75.501	245.390	79.015	7.199	0.07332	2.54680	5 X

K07VW8V	17.6	0.15	K118R	320.498	216.418	216.642	3.169	0.18700	2.60972	3 X
K07VW9L	16.0	0.15	K118R	54.406	62.600	258.831	12.269	0.20379	2.56497	3 X
K07VW9W	17.0	0.15	K118R	71.813	250.560	52.719	3.919	0.21014	2.56653	3 X
K07W07O	16.5	0.15	K118R	346.593	352.788	44.111	9.141	0.20437	2.57143	2 X
K07W08D	17.5	0.15	K118R	347.684	63.237	323.604	3.557	0.30150	2.57887	3 X
K07W08U	16.0	0.15	K118R	353.289	316.366	75.421	14.588	0.24755	2.62514	4 X
K07W11F	16.6	0.15	K118R	351.213	180.037	213.258	15.244	0.12982	2.56526	2 W
K07W11M	17.3	0.15	K118R	337.057	286.410	132.608	4.587	0.23486	2.54048	2 X
K07W20K	15.9	0.15	K118R	343.420	340.396	70.588	14.399	0.24043	2.66576	5 X
K07W35G	17.7	0.15	K118R	297.570	76.234	35.540	5.297	0.25676	2.59943	3 X
K07W44O	16.2	0.15	K118R	12.389	73.238	283.700	10.300	0.20523	2.55626	3 X
K07W48R	16.2	0.15	K118R	100.586	58.233	219.886	8.025	0.05520	2.61886	5 X
K07W53F	17.5	0.15	K118R	359.672	316.421	42.974	13.558	0.17754	2.63522	2 X
K07X15X	17.3	0.15	K118R	337.951	5.531	43.494	5.747	0.28366	2.59302	3 X
K07X17E	16.5	0.15	K118R	33.786	162.616	169.422	5.847	0.25140	2.59764	6 X
K07X17H	16.6	0.15	K118R	347.384	316.665	78.172	9.159	0.27827	2.63028	3 X
K07X22H	17.2	0.15	K118R	315.288	13.575	70.637	6.372	0.15486	2.60603	3 X
K07X28J	16.7	0.15	K118R	34.283	313.438	26.772	1.926	0.09509	2.68245	4 X
K07X32V	16.1	0.15	K118R	312.247	6.333	86.934	15.083	0.16103	2.72667	4 X
K07X33U	16.7	0.15	K118R	318.745	166.187	280.174	6.768	0.15987	2.57925	2 X
K07X35S	16.0	0.15	K118R	44.053	62.971	272.715	11.707	0.12898	2.58982	5 X
K07X36G	16.5	0.15	K118R	332.470	342.402	67.713	13.247	0.18344	2.64210	3 X
K07X37O	15.6	0.15	K118R	21.678	308.903	58.779	6.470	0.11146	2.60759	8 X
K07X39O	16.7	0.15	K118R	320.729	129.704	310.526	7.201	0.24502	2.64097	3 X
K07X39U	16.1	0.15	K118R	316.418	139.822	295.703	12.155	0.16203	2.71681	4 S
K07X39X	17.2	0.15	K118R	326.650	11.044	64.081	7.884	0.25504	2.63673	3 X
K07X40B	17.4	0.15	K118R	330.416	120.499	296.826	11.834	0.29684	2.66881	3 X
K07X40S	16.0	0.15	K118R	269.119	70.138	74.823	7.364	0.18894	2.80313	5 X
K07X42P	16.2	0.15	K118R	292.038	138.863	330.209	8.521	0.13276	2.71357	5 X
K07X57A	17.0	0.15	K118R	354.884	289.060	98.690	8.692	0.17879	2.58236	2 X
K07X57S	15.8	0.15	K118R	302.462	205.389	257.429	10.831	0.13917	2.68244	4 X
K07Y07G	17.9	0.15	K118R	359.017	329.389	43.970	7.692	0.25846	2.55646	2 X
K07Y12M	16.5	0.15	K118R	291.644	23.108	83.943	13.970	0.04516	2.75321	5 X
K07Y16J	16.7	0.15	K118R	21.935	278.118	80.598	15.773	0.13734	2.61718	4 X
K07Y24G	16.7	0.15	K118R	313.561	2.541	80.199	5.866	0.08179	2.70877	4 X
K07Y26Y	16.6	0.15	K118R	355.300	100.418	285.868	11.994	0.28610	2.62317	4 X
K07Y27S	17.5	0.15	K118R	63.171	292.316	29.655	4.713	0.03411	2.83648	4 X
K07Y37Q	16.9	0.15	K118R	355.112	303.734	87.615	7.195	0.04713	2.77636	7 X
K07Y39U	16.5	0.15	K118R	329.281	354.539	66.918	7.383	0.09919	2.71843	3 S
K07Y44N	17.2	0.15	K118R	10.808	288.158	98.891	5.123	0.08502	2.77100	3 X
K07Y49X	16.4	0.15	K118R	190.385	264.809	303.534	5.796	0.01747	2.77532	5 X
K07Y56D	16.2	0.15	K118R	252.171	54.752	98.130	9.990	0.10641	2.73817	4 X
K07Y60Z	16.4	0.15	K118R	339.837	70.743	352.593	10.046	0.18624	2.62501	3 X
K07Y65R	16.2	0.15	K118R	21.172	15.226	322.982	12.548	0.06712	3.12398	4 X
K07Y74M	16.0	0.15	K118R	179.300	261.183	307.564	11.184	0.04341	2.83785	7 X
K08A04L	17.1	0.15	K118R	337.083	108.869	298.697	11.576	0.35705	2.68133	3 X
K08A04O	17.7	0.15	K118R	349.626	105.627	309.650	5.934	0.38851	2.57032	3 X
K08A05D	16.2	0.15	K118R	304.744	155.276	310.816	14.330	0.27578	2.64454	3 X
K08A07Y	17.2	0.15	K118R	308.426	4.502	102.167	3.541	0.16313	2.67633	7 X
K08A15B	16.7	0.15	K118R	2.724	129.890	261.674	2.519	0.10764	2.78276	5 X
K08A25Z	16.1	0.15	K118R	26.503	29.416	332.433	8.302	0.11517	2.90870	4 X
K08A31C	17.0	0.15	K118R	246.035	290.130	207.363	8.737	0.08989	2.76005	5 X
K08A43L	15.3	0.15	K118R	187.628	242.217	312.666	21.358	0.06190	3.07934	4 X
K08A46O	17.7	0.15	K118R	19.920	121.447	239.659	0.887	0.10987	2.63814	4 X
K08A47V	16.6	0.15	K118R	346.749	282.721	105.175	7.273	0.10010	2.79753	4 X
K08A80W	17.1	0.15	K118R	327.082	247.633	194.360	2.386	0.14828	2.72777	3 X
K08A83C	16.9	0.15	K118R	31.753	275.235	92.503	6.455	0.06959	2.71215	4 X

K08A87F	17.4	0.15	K118R	313.651	25.490	62.947	1.034	0.09848	2.69061	3 X
K08A87Y	16.7	0.15	K118R	0.733	265.996	119.747	11.218	0.17224	2.71224	5 X
K08A93S	16.8	0.15	K118R	95.470	220.318	88.319	6.386	0.02969	2.75202	7 X
K08A93T	16.8	0.15	K118R	339.471	65.401	353.397	4.574	0.10608	2.72593	6 X
K08A94Y	16.6	0.15	K118R	303.899	336.612	125.079	9.208	0.13398	2.72688	6 X
K08A95B	16.3	0.15	K118R	3.885	58.900	296.908	8.979	0.11606	3.01526	4 X
K08AA6F	16.7	0.15	K118R	350.909	43.189	2.433	2.650	0.27756	2.59532	4 X
K08AA6G	17.2	0.15	K118R	300.254	359.951	83.680	5.383	0.17306	2.78424	3 X
K08AB1O	17.1	0.15	K118R	327.213	304.531	125.394	7.281	0.23349	2.73206	2 X
K08AB1V	16.0	0.15	K118R	74.318	334.979	332.005	13.038	0.07557	3.07167	4 X
K08AB3A	16.7	0.15	K118R	348.723	193.372	199.388	14.298	0.26147	2.57981	2 X
K08AB7E	17.3	0.15	K118R	328.938	76.663	355.059	6.727	0.25887	2.66023	3 X
K08AC0S	17.0	0.15	K118R	161.248	129.795	102.029	3.391	0.06682	2.91694	4 X
K08AD5X	16.0	0.15	K118R	347.361	347.514	73.674	11.663	0.17996	2.72908	5 X
K08AD6G	17.3	0.15	K118R	326.123	216.886	227.753	8.629	0.24407	2.65969	3 X
K08AD7E	16.4	0.15	K118R	338.951	161.263	258.634	6.940	0.17710	2.68376	5 X
K08B02F	16.3	0.15	K118R	346.214	88.632	332.757	22.553	0.46789	2.59740	2 X
K08B11K	17.0	0.15	K118R	287.810	75.349	29.686	3.897	0.05272	2.80185	4 X
K08B14K	16.1	0.15	K118R	330.621	10.049	60.212	9.888	0.13327	2.74873	5 X
K08B28X	17.2	0.15	K118R	320.518	232.270	208.700	5.058	0.19570	2.71065	5 X
K08B35B	17.0	0.15	K118R	274.408	100.562	13.285	0.540	0.10996	3.05192	5 X
K08B41A	17.1	0.15	K118R	281.694	267.172	230.836	7.681	0.19229	2.72296	4 X
K08B52A	15.8	0.15	K118R	180.508	280.235	291.811	12.459	0.23418	3.13504	3 X
K08C02J	16.0	0.15	K118R	342.195	78.517	325.905	11.179	0.22742	2.74902	3 X
K08C18B	16.6	0.15	K118R	321.538	262.635	161.041	11.090	0.12869	3.04682	5 X
K08C20E	16.3	0.15	K118R	291.767	72.667	52.250	3.749	0.16910	2.77776	3 X
K08C20T	16.6	0.15	K118R	309.485	111.584	342.535	8.292	0.12503	2.80768	5 X
K08C38Q	15.9	0.15	K118R	22.613	212.418	136.837	10.295	0.09559	3.12581	6 X
K08C39T	16.3	0.15	K118R	335.370	270.500	148.008	9.662	0.13026	2.85207	7 X
K08C50G	15.7	0.15	K118R	170.748	221.135	7.780	10.163	0.05487	3.00011	5 X
K08C64W	16.2	0.15	K118R	216.086	330.108	198.162	3.319	0.14008	3.09617	5 X
K08C74B	16.9	0.15	K118R	324.719	295.889	136.985	5.780	0.15324	2.78379	5 X
K08C97X	16.3	0.15	K118R	348.547	248.169	138.884	8.497	0.11751	3.07874	5 X
K08C98P	16.3	0.15	K118R	0.321	244.580	146.066	11.528	0.05212	2.98113	6 X
K08CA0N	15.6	0.15	K118R	3.604	43.066	343.189	8.279	0.11532	2.96480	6 X
K08CB0G	15.5	0.15	K118R	285.561	129.122	350.078	13.393	0.13825	3.00034	5 X
K08CC1S	16.8	0.15	K118R	312.955	95.798	0.687	8.749	0.20240	2.72872	5 X
K08CC8E	16.0	0.15	K118R	14.739	39.416	330.450	8.905	0.06845	3.05553	3 X
K08CC8O	16.7	0.15	K118R	336.974	283.671	147.374	2.682	0.04343	2.87018	4 X
K08CE7H	15.8	0.15	K118R	28.524	44.279	313.094	9.199	0.12937	3.05893	3 X
K08CF2H	16.2	0.15	K118R	205.708	303.159	257.783	3.206	0.08537	3.02478	6 X
K08CG3K	16.6	0.15	K118R	6.474	173.826	194.293	2.895	0.01781	2.99656	7 X
K08CH7U	16.5	0.15	K118R	290.151	56.504	59.877	7.934	0.11563	2.77838	3 X
K08CH9O	15.2	0.15	K118R	179.638	205.970	18.203	16.139	0.21946	3.11014	4 X
K08CI1T	15.1	0.15	K118R	215.320	297.644	249.803	25.038	0.18602	3.17763	5 X
K08CJ1W	17.4	0.15	K118R	305.908	282.579	164.845	7.149	0.10183	2.97020	2 W
K08CJ2C	16.1	0.15	K118R	7.366	162.177	216.476	5.008	0.04021	3.12606	6 X
K08CJ2Q	16.5	0.15	K118R	302.738	75.009	25.536	1.924	0.02555	2.99803	6 X
K08D23C	15.8	0.15	K118R	241.901	326.937	290.255	10.771	0.29523	2.61694	7 X
K08D40E	15.2	0.15	K118R	177.603	206.270	23.367	10.693	0.16110	3.17318	5 X
K08D55H	15.7	0.15	K118R	230.158	177.471	342.273	14.822	0.02378	3.18604	4 X
K08D57K	15.6	0.15	K118R	183.573	278.517	292.270	11.919	0.21751	3.21071	4 X
K08D59U	15.9	0.15	K118R	147.579	11.713	231.624	4.176	0.08395	3.18886	7 X
K08D60J	16.1	0.15	K118R	192.852	312.235	250.497	3.714	0.09291	3.16207	5 X
K08D62E	15.3	0.15	K118R	358.797	41.912	349.057	10.939	0.07899	3.12455	4 X
K08D84B	15.7	0.15	K118R	334.060	264.245	161.071	9.312	0.13613	3.06939	7 X
K08D85R	16.8	0.15	K118R	331.748	341.095	97.317	3.024	0.13194	3.00482	6 X

K08E01Z	15.0	0.15	K118R	240.485	172.367	348.356	14.127	0.07393	3.14763	5 X
K08E11L	16.8	0.15	K118R	8.349	303.259	139.368	9.938	0.15919	2.61342	4 X
K08E28T	16.5	0.15	K118R	241.415	49.766	114.720	3.071	0.09197	3.22089	5 X
K08E35S	16.7	0.15	K118R	252.260	101.567	37.195	4.109	0.14988	3.11827	4 X
K08E40Q	16.1	0.15	K118R	266.119	276.512	212.067	8.391	0.16346	3.13153	5 X
K08E46U	15.8	0.15	K118R	292.529	74.991	40.118	13.890	0.09821	3.16395	4 X
K08E47Q	16.3	0.15	K118R	330.654	17.603	60.577	6.130	0.15176	3.09931	4 X
K08E48S	17.5	0.15	K118R	316.289	338.243	120.733	3.153	0.15829	2.72055	6 X
K08E93X	15.8	0.15	K118R	222.824	139.397	36.843	11.065	0.09893	3.11380	5 X
K08E95D	16.1	0.15	K118R	233.839	97.764	145.648	5.946	0.13146	2.75410	4 X
K08E95T	15.8	0.15	K118R	179.076	276.576	308.242	7.473	0.06708	3.12306	5 X
K08EA0U	15.0	0.15	K118R	312.852	41.451	44.086	14.756	0.06721	3.19247	5 X
K08EB6B	16.5	0.15	K118R	311.245	90.327	4.819	1.448	0.04230	3.08737	6 X
K08EB7K	16.5	0.15	K118R	266.894	130.965	15.260	11.804	0.10770	3.07105	5 X
K08EF2A	16.0	0.15	K118R	95.908	110.093	190.254	11.029	0.03296	3.26778	6 X
K08EG3C	16.3	0.15	K118R	184.559	276.495	305.659	5.678	0.11592	3.18970	4 X
K08EG8X	15.5	0.15	K118R	316.742	349.930	91.765	11.557	0.02871	3.09985	5 X
K08EG8Z	15.9	0.15	K118R	264.298	97.213	57.043	13.062	0.13925	3.04956	4 X
K08F03D	16.5	0.15	K118R	33.534	266.132	104.518	3.646	0.03044	3.02342	8 X
K08F09Q	16.8	0.15	K118R	351.728	21.584	18.760	1.948	0.06167	3.03482	6 X
K08F11B	16.3	0.15	K118R	355.821	270.361	124.121	6.692	0.08091	3.05081	5 X
K08F12G	15.9	0.15	K118R	346.894	61.137	342.299	12.839	0.06242	3.04243	4 X
K08F18U	16.9	0.15	K118R	293.432	13.839	81.629	0.366	0.12285	3.10861	5 X
K08F31W	16.6	0.15	K118R	315.915	257.836	175.460	14.335	0.11467	3.04276	2 W
K08F39J	16.0	0.15	K118R	239.581	122.829	49.660	10.669	0.08504	3.18124	3 X
K08F42C	16.1	0.15	K118R	311.988	257.578	187.907	8.900	0.09892	3.08098	5 X
K08F44D	16.2	0.15	K118R	208.317	199.298	355.291	10.711	0.05816	3.15916	4 X
K08F47M	16.7	0.15	K118R	336.306	224.129	189.662	26.621	0.18924	3.19794	3 X
K08F63T	15.7	0.15	K118R	250.833	120.987	39.521	14.674	0.21739	3.08545	2 X
K08F99X	15.9	0.15	K118R	277.288	65.865	77.202	10.870	0.08153	3.13558	6 X
K08FB5N	16.6	0.15	K118R	275.824	90.005	42.508	5.141	0.07613	3.11220	5 X
K08FC5Z	17.4	0.15	K118R	322.055	320.542	115.369	9.646	0.19435	2.88486	4 X
K08G02S	16.6	0.15	K118R	247.487	131.173	39.571	2.346	0.14440	3.05107	6 X
K08G52E	16.6	0.15	K118R	318.725	287.205	152.872	1.424	0.17578	3.11347	6 X
K08G59U	16.0	0.15	K118R	17.701	221.588	156.266	10.719	0.07150	3.21914	6 X
K08GB4F	15.8	0.15	K118R	300.432	83.745	17.107	15.495	0.22417	3.08082	3 X
K08GC2M	16.4	0.15	K118R	248.019	121.684	49.515	6.219	0.14346	3.09770	5 X
K08H07B	16.0	0.15	K118R	271.563	127.138	8.263	11.375	0.06229	3.08365	4 X
K08J08L	16.6	0.15	K118R	269.143	320.914	243.061	6.464	0.24735	2.72959	6 X
K08Q03T	18.8	0.15	K118R	339.211	160.639	272.062	7.228	0.52784	2.01245	2 X
K08S04Z	17.6	0.15	K118R	7.228	348.766	20.455	14.011	0.14273	2.00669	4 X
K08T26H	17.0	0.15	K118R	346.398	185.386	211.003	21.523	0.07370	1.98144	2 X
K08U00X	20.8	0.15	K118R	171.903	158.100	37.577	21.742	0.68136	0.81752	2 X
K08Ub0W	16.4	0.15	K118R	332.365	51.942	8.652	9.418	0.19468	2.33016	3 X
K08W29N	18.6	0.15	K118R	357.747	356.537	19.484	3.212	0.15286	2.13543	3 X
K08W90A	16.8	0.15	K118R	210.581	320.980	282.035	17.460	0.03610	1.99169	5 X
K08Y35M	17.9	0.15	K118R	1.777	354.324	21.068	1.124	0.15091	2.27625	4 X
K08Y39T	18.0	0.15	K118R	251.916	47.182	85.493	7.055	0.05661	2.32654	2 W
K08Y43V	18.1	0.15	K118R	264.092	30.293	94.595	3.847	0.03666	2.15214	4 X
K08Y46P	17.4	0.15	K118R	230.644	141.827	20.121	2.086	0.13802	2.31205	4 X
K08Y54R	17.4	0.15	K118R	316.695	33.696	39.261	3.094	0.13573	2.26390	4 X
K08Y62G	18.1	0.15	K118R	255.255	290.596	198.187	2.419	0.11013	2.32622	3 X
K08Y62L	18.4	0.15	K118R	349.348	249.010	141.582	4.342	0.14514	2.24201	2 W
K08Y75G	16.3	0.15	K118R	154.093	254.008	309.680	11.601	0.20502	2.64977	5 X
K08Y98D	17.7	0.15	K118R	7.508	259.091	97.655	6.318	0.25423	2.33085	4 X
K08YA6D	17.5	0.15	K118R	82.604	210.629	101.773	5.558	0.04755	2.28597	4 X
K08YC7C	17.1	0.15	K118R	49.859	210.230	104.282	6.855	0.14818	2.40813	5 X

K08YC7P	16.9	0.15	K118R	82.795	358.178	300.780	6.353	0.10481	2.38544	5 X
K08YC8B	18.5	0.15	K118R	261.401	122.552	20.731	0.572	0.12669	2.26628	4 X
K08YD4C	17.3	0.15	K118R	46.213	54.678	266.274	1.694	0.20019	2.12985	6 X
K08YE2T	17.8	0.15	K118R	12.920	238.910	103.409	4.228	0.14786	2.39850	4 X
K08YF5P	17.3	0.15	K118R	137.496	303.333	310.540	5.451	0.10292	2.39285	5 X
K08YF9W	17.1	0.15	K118R	324.923	323.658	100.811	5.558	0.13034	2.33123	4 X
K08YG2V	18.2	0.15	K118R	351.228	75.676	303.045	2.315	0.17635	2.28011	3 X
K08YG5M	16.9	0.15	K118R	198.798	218.260	346.458	7.480	0.14399	2.58408	6 X
K09A02G	17.6	0.15	K118R	289.592	21.271	68.348	7.450	0.07634	2.34024	4 X
K09A10M	17.2	0.15	K118R	55.167	230.201	97.423	3.355	0.04570	2.29355	6 X
K09A11Q	18.0	0.15	K118R	260.643	166.527	324.426	1.337	0.07701	2.28824	5 X
K09A19R	16.8	0.15	K118R	32.792	223.233	104.905	7.302	0.12336	2.39719	3 X
K09A20D	17.3	0.15	K118R	107.278	324.494	311.531	4.654	0.14351	2.36635	3 X
K09A30V	17.3	0.15	K118R	64.772	197.304	110.958	7.254	0.13760	2.29139	5 X
K09A33D	17.3	0.15	K118R	25.171	69.311	282.424	4.384	0.18876	2.30970	5 X
K09A46O	17.2	0.15	K118R	63.254	208.613	94.317	3.333	0.17966	2.41715	6 X
K09A50C	16.3	0.15	K118R	124.683	292.328	326.586	10.822	0.12048	2.69213	5 X
K09B31G	17.6	0.15	K118R	21.366	259.944	84.062	2.621	0.20558	2.39966	6 X
K09B32E	17.7	0.15	K118R	182.400	173.650	35.093	1.930	0.12166	2.41989	6 X
K09B44A	17.0	0.15	K118R	88.783	133.457	159.139	3.775	0.09153	2.52282	6 X
K09B44H	17.9	0.15	K118R	316.960	127.640	314.408	3.798	0.16246	2.26328	3 X
K09B51C	18.1	0.15	K118R	236.914	200.918	320.452	5.454	0.10062	2.32591	4 S
K09B55L	16.7	0.15	K118R	229.158	204.314	316.555	11.773	0.10948	2.38527	5 X
K09B59V	18.2	0.15	K118R	188.455	326.028	233.041	2.423	0.10727	2.35713	5 X
K09B64C	17.8	0.15	K118R	295.618	120.005	334.774	7.650	0.08294	2.26101	3 X
K09B68U	17.2	0.15	K118R	201.188	339.702	200.157	1.553	0.14623	2.47039	8 X
K09B71D	17.2	0.15	K118R	280.533	149.280	300.478	6.891	0.11788	2.40493	4 X
K09B80H	17.2	0.15	K118R	244.528	96.493	39.218	4.359	0.07277	2.40952	5 X
K09B80R	18.4	0.15	K118R	258.499	238.532	256.279	1.806	0.12589	2.36737	2 W
K09B85N	18.1	0.15	K118R	230.271	259.059	270.151	1.483	0.13640	2.33692	8 X
K09B86X	18.6	0.15	K118R	307.880	84.863	2.744	1.001	0.19273	2.24018	5 X
K09B91Y	17.5	0.15	K118R	330.021	285.045	129.309	6.022	0.14799	2.30582	5 X
K09B93F	17.2	0.15	K118R	330.171	265.293	149.736	6.476	0.09393	2.34392	7 X
K09B95D	16.7	0.15	K118R	129.062	291.198	328.362	6.324	0.08970	2.43162	5 X
K09B98F	17.7	0.15	K118R	273.589	91.541	27.088	2.777	0.07665	2.28208	4 X
K09B99M	17.6	0.15	K118R	329.564	288.127	130.526	5.396	0.15580	2.23893	6 X
K09B99Z	16.2	0.15	K118R	134.511	248.346	358.156	15.362	0.23889	2.72345	6 X
K09BA2S	16.9	0.15	K118R	34.153	318.364	13.870	10.737	0.12443	2.60969	3 X
K09BB2Y	17.1	0.15	K118R	235.654	142.632	7.123	9.646	0.06880	2.64616	3 X
K09BC3C	16.5	0.15	K118R	139.491	253.795	283.263	3.236	0.08080	3.12163	4 S
K09BC3F	18.2	0.15	K118R	267.864	233.903	248.911	1.331	0.07004	2.38940	4 X
K09BC3V	18.4	0.15	K118R	291.064	257.040	198.773	1.018	0.14612	2.36208	3 X
K09BC5F	17.4	0.15	K118R	112.120	143.530	132.020	3.152	0.03487	2.53289	4 X
K09BC5N	17.3	0.15	K118R	328.532	322.162	103.838	7.475	0.16944	2.29612	4 X
K09BC6C	17.7	0.15	K118R	186.367	212.181	351.850	1.088	0.12392	2.46803	4 X
K09BD0B	16.4	0.15	K118R	85.106	232.623	57.892	3.997	0.21420	2.77180	5 X
K09BE7A	16.9	0.15	K118R	60.341	63.044	258.580	1.929	0.05629	2.55819	5 X
K09BE8M	17.8	0.15	K118R	194.055	17.386	180.242	4.516	0.03682	2.46333	4 X
K09BE9R	16.2	0.15	K118R	32.672	184.207	157.190	9.422	0.17425	2.57804	5 X
K09BF9Y	17.6	0.15	K118R	176.546	278.500	299.804	5.639	0.04346	2.32043	3 X
K09BG6V	17.9	0.15	K118R	336.996	2.393	46.587	3.354	0.19079	2.37119	4 X
K09BI0Y	15.7	0.15	K118R	153.089	153.431	80.171	14.595	0.16258	2.78497	5 X
K09BI1A	17.7	0.15	K118R	230.101	137.109	36.651	4.793	0.11982	2.35947	4 X
K09BI5N	17.4	0.15	K118R	270.997	352.084	122.741	5.882	0.08378	2.40028	3 W
K09C06Q	17.3	0.15	K118R	292.567	352.341	108.411	6.240	0.11564	2.31261	4 X
K09C12H	17.8	0.15	K118R	239.257	234.173	284.439	1.414	0.11782	2.43964	4 X
K09C23W	18.0	0.15	K118R	337.253	118.074	272.592	3.089	0.21715	2.39380	3 X

K09C25V	16.9	0.15	K118R	270.080	140.817	346.540	7.028	0.05513	2.36411	4 X
K09C28L	18.3	0.15	K118R	284.155	91.228	12.117	1.595	0.14670	2.37383	4 X
K09C32X	17.7	0.15	K118R	336.061	13.750	44.084	2.052	0.17046	2.32881	3 X
K09C47L	16.4	0.15	K118R	132.890	253.221	356.752	12.590	0.15541	2.69089	5 X
K09C51B	16.6	0.15	K118R	141.497	266.643	335.334	12.042	0.23279	2.63163	5 X
K09C62E	16.8	0.15	K118R	200.686	100.098	109.260	3.469	0.06849	2.60551	6 X
K09C62U	18.2	0.15	K118R	286.187	274.353	197.009	0.927	0.13796	2.36613	4 S
K09C63P	18.0	0.15	K118R	259.946	255.196	234.372	1.501	0.15539	2.40096	5 X
K09D05F	15.9	0.15	K118R	57.406	340.662	337.505	10.381	0.06207	2.59444	6 X
K09D06V	16.5	0.15	K118R	91.520	287.108	340.897	12.964	0.22677	2.73141	5 X
K09D12W	17.9	0.15	K118R	316.211	123.874	323.565	4.260	0.21163	2.29845	5 X
K09D15W	17.4	0.15	K118R	229.623	8.337	158.605	1.278	0.14911	2.42156	5 X
K09D16V	17.1	0.15	K118R	323.399	89.909	334.748	9.534	0.20242	2.32657	3 X
K09D17B	16.9	0.15	K118R	221.318	70.725	125.599	1.854	0.12133	2.39924	8 X
K09D36O	18.0	0.15	K118R	291.385	300.339	177.110	2.243	0.16367	2.26046	5 X
K09D39A	17.8	0.15	K118R	276.062	135.613	344.959	7.258	0.06129	2.37698	4 X
K09D49W	17.7	0.15	K118R	314.292	305.601	148.145	3.447	0.12925	2.37989	6 X
K09D50E	18.5	0.15	K118R	270.441	307.780	198.200	1.611	0.17139	2.34061	5 X
K09D56D	18.2	0.15	K118R	275.159	81.436	40.948	3.016	0.14330	2.38710	5 X
K09D56K	17.3	0.15	K118R	340.865	266.444	140.312	5.844	0.11216	2.45596	5 X
K09D60M	17.9	0.15	K118R	291.792	37.790	73.925	3.589	0.16499	2.34637	4 X
K09D82V	18.1	0.15	K118R	286.372	74.199	44.208	2.689	0.13505	2.41220	6 X
K09D95B	16.2	0.15	K118R	62.351	219.116	100.470	4.541	0.08481	2.77381	6 X
K09DA0Q	16.5	0.15	K118R	108.470	230.483	46.282	5.619	0.11117	2.73159	8 X
K09DC5L	16.7	0.15	K118R	343.732	233.652	170.859	8.051	0.12218	2.57459	3 X
K09DC7A	17.2	0.15	K118R	100.551	76.868	205.331	4.740	0.08866	2.73477	6 X
K09DC7G	17.6	0.15	K118R	299.066	22.157	89.179	6.034	0.13954	2.30231	5 X
K09DC8K	18.3	0.15	K118R	283.304	159.842	315.675	0.717	0.14177	2.41565	5 X
K09DC8S	16.7	0.15	K118R	67.949	266.637	44.916	5.282	0.05640	2.77311	4 X
K09DC8W	15.9	0.15	K118R	59.024	302.423	6.222	8.530	0.11512	2.99368	4 X
K09DD2M	16.9	0.15	K118R	252.551	51.271	78.648	7.339	0.10089	2.47369	2 W
K09DD3U	17.5	0.15	K118R	219.211	308.137	226.719	0.526	0.13799	2.41201	7 X
K09DD8M	16.6	0.15	K118R	73.794	99.154	185.125	0.745	0.14011	3.09469	9 X
K09DE1X	17.4	0.15	K118R	188.493	194.038	343.077	16.905	0.12084	2.62833	3 X
K09DE2N	16.3	0.15	K118R	29.951	162.739	163.598	9.056	0.15756	3.04133	5 S
K09E02S	16.5	0.15	K118R	216.389	276.088	269.488	12.413	0.11191	2.62266	3 X
K09E10X	17.1	0.15	K118R	120.128	135.481	116.724	4.780	0.15763	2.78415	3 S
K09E25R	17.0	0.15	K118R	225.362	132.755	25.178	12.033	0.13220	2.68471	4 X
K09E26V	17.2	0.15	K118R	222.028	133.690	40.312	4.808	0.13165	2.46443	3 X
K09E28L	17.0	0.15	K118R	113.803	242.672	36.621	6.698	0.02036	2.72072	4 X
K09F01V	16.4	0.15	K118R	198.624	139.507	54.605	14.768	0.20480	2.65560	3 S
K09F02G	17.2	0.15	K118R	319.952	280.674	155.325	5.349	0.21675	2.37729	4 X
K09F03U	17.6	0.15	K118R	237.643	72.535	105.548	3.347	0.14104	2.40215	6 X
K09F15F	16.5	0.15	K118R	112.399	297.985	319.109	10.778	0.15468	2.64195	4 X
K09F16F	17.9	0.15	K118R	272.973	110.082	5.784	1.566	0.07091	2.54575	5 X
K09F24V	16.9	0.15	K118R	273.013	90.844	37.994	10.617	0.17213	2.37996	2 X
K09F31O	15.6	0.15	K118R	169.015	224.386	328.613	15.409	0.15007	2.92492	4 X
K09F34B	18.3	0.15	K118R	306.601	115.226	328.690	3.576	0.20236	2.32832	3 X
K09F34T	16.5	0.15	K118R	34.941	307.442	50.933	5.791	0.07541	2.65744	5 X
K09F35N	17.7	0.15	K118R	285.601	80.026	38.174	5.475	0.10317	2.38118	4 X
K09F38Q	17.3	0.15	K118R	283.538	238.968	232.953	0.591	0.13762	2.43322	6 X
K09F38S	16.3	0.15	K118R	71.868	302.238	13.244	11.501	0.08299	2.68156	4 X
K09F48K	16.8	0.15	K118R	145.137	186.433	36.974	6.335	0.15679	2.97171	4 X
K09F50Z	16.3	0.15	K118R	197.204	155.253	27.968	15.016	0.12255	2.73893	4 X
K09F63Q	16.4	0.15	K118R	239.101	62.886	97.103	4.872	0.06464	2.62053	4 X
K09F67S	16.6	0.15	K118R	343.768	1.785	26.735	7.694	0.09047	2.76409	3 X
K09F70X	16.0	0.15	K118R	105.556	231.023	60.873	11.892	0.08258	2.97857	5 X

K09F76K	15.4	0.15	K118R	71.954	96.675	222.371	9.706	0.07543	3.00359	6 X
K09F76X	16.6	0.15	K118R	339.375	25.084	30.110	6.199	0.03144	2.73095	4 X
K09G00T	15.9	0.15	K118R	197.767	175.443	32.109	11.878	0.12484	2.61077	4 X
K09G05T	17.1	0.15	K118R	320.969	11.821	54.610	4.965	0.05077	2.76112	3 X
K09H02C	17.2	0.15	K118R	253.930	69.009	90.548	3.456	0.09977	2.49651	6 X
K09H03Y	17.5	0.15	K118R	231.188	126.881	54.221	9.532	0.15339	2.46721	4 X
K09H16X	17.7	0.15	K118R	297.760	327.184	148.432	3.148	0.14233	2.38313	5 X
K09H22J	16.2	0.15	K118R	11.960	222.728	147.827	6.952	0.05942	2.77288	5 X
K09H25U	17.1	0.15	K118R	267.467	272.276	206.207	8.052	0.10366	2.72947	2 X
K09H35V	16.4	0.15	K118R	16.688	293.512	79.011	12.280	0.07694	3.07937	4 X
K09H43J	16.3	0.15	K118R	248.207	97.198	55.765	8.044	0.03770	2.69379	7 X
K09H43K	17.4	0.15	K118R	248.238	24.519	128.175	3.167	0.10415	2.63908	5 X
K09H46Z	15.6	0.15	K118R	18.353	249.974	107.812	11.236	0.05340	3.15203	6 X
K09H56R	16.9	0.15	K118R	326.479	248.840	173.229	15.204	0.03960	2.65850	3 X
K09H59Z	16.8	0.15	K118R	263.331	82.717	46.677	4.838	0.03736	2.78298	4 X
K09H67G	16.1	0.15	K118R	77.723	272.708	19.779	19.045	0.07756	3.12838	3 X
K09H75M	15.7	0.15	K118R	87.135	203.829	97.002	10.553	0.03858	2.99038	6 X
K09H82E	18.7	0.15	K118R	342.722	144.138	227.281	30.503	0.10332	1.46704	2 X
K09H83D	16.5	0.15	K118R	20.131	197.392	171.881	6.495	0.06164	2.68415	5 X
K09HA0R	15.9	0.15	K118R	87.698	229.606	68.842	12.493	0.04902	3.14560	5 X
K09HA5F	16.3	0.15	K118R	98.328	68.358	232.542	8.710	0.04734	2.99203	4 X
K09HA6D	17.8	0.15	K118R	254.443	311.396	214.033	5.316	0.15851	2.52869	4 X
K09J04N	15.8	0.15	K118R	243.306	17.814	134.013	16.010	0.11704	2.67861	6 X
K09J09X	16.9	0.15	K118R	251.858	58.357	82.076	13.278	0.13435	2.67461	3 X
K09J16T	16.0	0.15	K118R	136.853	17.967	229.131	11.348	0.15450	3.12191	4 X
K09K00E	12.0	0.15	K118R	46.873	115.194	267.929	34.622	0.04022	5.23002	5 X
K09K22O	16.3	0.15	K118R	181.838	357.178	217.503	12.127	0.16976	2.81255	4 X
K09Q38V	11.8	0.15	K118R	14.721	13.537	11.625	19.886	0.44911	10.90373	3 X
K09SH2G	15.6	0.15	K118R	139.205	104.833	248.793	7.980	0.08603	3.16939	6 X
K09V24O	19.7	0.15	K118R	282.418	343.435	163.765	6.053	0.46200	1.54803	3 X
K10B51J	17.1	0.15	K118R	66.184	251.299	52.901	23.296	0.20435	2.28211	4 X
K10CM9M	16.7	0.15	K118R	359.769	134.077	236.895	23.860	0.17178	2.30132	2 X
K10D12C	16.0	0.15	K118R	97.994	80.233	180.214	14.673	0.16930	2.56810	5 X
K10D18L	17.7	0.15	K118R	49.131	258.325	73.980	7.921	0.13452	2.33085	4 X
K10D27D	16.1	0.15	K118R	48.802	104.736	206.395	5.350	0.42856	3.24445	5 X
K10D67U	15.6	0.15	K118R	75.271	93.017	205.344	26.492	0.16505	2.58252	4 X
K10D70F	16.7	0.15	K118R	43.186	126.760	202.739	18.446	0.16821	2.66092	4 X
K10E45G	15.6	0.15	K118R	74.135	237.728	42.413	31.409	0.30151	2.62566	3 X
K10E83K	17.7	0.15	K118R	76.393	97.792	192.495	5.863	0.17728	2.31186	4 X
K10EA6K	17.2	0.15	K118R	260.600	96.674	23.801	21.784	0.03425	1.88335	3 X
K10F88G	18.1	0.15	K118R	96.441	222.481	44.929	3.782	0.15194	2.18786	6 X
K10F95D	18.2	0.15	K118R	76.432	70.654	201.046	1.990	0.19430	2.45401	5 X
K10G07C	17.2	0.15	K118R	55.843	245.733	68.087	22.654	0.07496	2.00320	6 X
K10G31J	17.3	0.15	K118R	77.789	63.603	207.179	5.419	0.19633	2.44087	4 X
K10G96Z	16.0	0.15	K118R	53.473	85.652	217.230	12.722	0.22741	2.69724	4 X
K10G97C	17.1	0.15	K118R	48.946	183.041	138.108	6.889	0.12925	2.38588	4 S
K10GA7V	18.0	0.15	K118R	88.903	19.180	258.147	1.400	0.19562	2.31547	8 X
K10GA9R	17.5	0.15	K118R	36.912	219.099	114.638	3.872	0.25866	2.32003	6 X
K10GB8F	18.1	0.15	K118R	77.871	228.862	74.079	8.928	0.17177	2.29085	4 X
K10GD7Q	18.4	0.15	K118R	75.666	256.375	38.632	2.726	0.17011	2.17167	3 X
K10GF4P	16.2	0.15	K118R	75.421	166.365	141.099	5.012	0.04641	2.76435	7 X
K10H07D	15.3	0.15	K118R	84.521	3.267	278.174	12.660	0.15314	3.09783	5 X
K10H32P	16.1	0.15	K118R	18.567	234.632	129.946	1.740	0.13896	3.16004	6 X
K10H35A	15.0	0.15	K118R	57.424	244.126	74.424	18.609	0.21442	3.25362	4 X
K10H45K	16.1	0.15	K118R	38.729	85.056	260.941	14.634	0.14071	3.12701	3 X
K10J01Y	17.5	0.15	K118R	100.482	21.357	246.910	1.669	0.16985	2.35701	5 X
K10J40N	17.2	0.15	K118R	80.880	77.868	201.258	6.314	0.11330	2.44300	5 X

K10J47Q	17.4	0.15	K118R	53.142	21.192	300.021	0.469	0.19191	2.43022	7 X
K10J73O	17.4	0.15	K118R	84.072	245.034	47.724	2.139	0.12921	2.27406	6 X
K10J73V	17.6	0.15	K118R	93.705	214.176	57.205	3.302	0.15086	2.40659	6 X
K10J84Y	17.4	0.15	K118R	52.588	229.934	82.806	7.784	0.13325	2.30829	4 X
K10JA1K	16.1	0.15	K118R	68.165	274.712	45.337	10.379	0.11911	3.11113	6 X
K10JA9P	15.9	0.15	K118R	51.495	68.587	272.373	8.517	0.08103	3.09228	5 X
K10JB0T	17.1	0.15	K118R	81.931	223.539	70.191	7.525	0.11267	2.36032	5 X
K10JB4U	16.4	0.15	K118R	24.127	88.096	243.104	8.085	0.22846	2.74305	5 X
K10JB8A	17.4	0.15	K118R	59.920	252.593	51.882	5.630	0.27448	2.67717	3 X
K10JE7S	16.8	0.15	K118R	33.176	193.042	128.400	4.121	0.10727	2.64164	4 X
K10K10N	17.1	0.15	K118R	94.722	36.461	252.429	3.222	0.08889	2.23256	9 X
K10K78V	15.4	0.15	K118R	103.618	7.353	280.441	7.593	0.11391	3.10065	4 X
K10L00C	15.7	0.15	K118R	28.937	142.719	207.382	17.804	0.12938	2.57585	5 X
K10L17S	15.5	0.15	K118R	30.413	43.500	337.748	8.678	0.09909	3.16236	5 X
K10L34S	17.0	0.15	K118R	73.533	185.835	119.017	7.651	0.11000	2.38259	4 X
K10NB7K	16.3	0.15	K118R	149.235	117.124	121.612	12.451	0.02242	2.61164	5 X
K10U35W	14.3	0.15	K118R	307.675	346.424	128.668	4.067	0.02987	5.25637	7 X
K10U95T	15.5	0.15	K118R	84.948	224.501	143.691	8.125	0.16294	3.04277	5 X
K10VH6X	15.4	0.15	K118R	90.491	80.550	286.788	10.083	0.15285	2.96746	4 X
K10X81W	14.0	0.15	K118R	52.247	324.805	73.142	8.765	0.07557	5.29410	4 X
K11C64F	18.3	0.15	K118R	52.202	154.372	348.660	2.294	0.07563	2.54075	2 W
K11D25R	16.6	0.15	K118R	26.215	142.961	13.777	0.632	0.11143	3.09589	2 W
K11L21Y	16.9	0.15	K118R	23.688	116.183	113.365	6.436	0.18510	3.04907	2 W
K11N03O	16.1	0.15	K118R	354.279	53.574	298.051	23.849	0.38608	2.67115	3 X
K11Q13M	16.4	0.15	K118R	3.754	68.673	266.492	6.558	0.23022	2.78090	2 S
K11Q19T	18.1	0.15	K118R	357.696	348.732	345.553	1.924	0.19734	2.42103	3 W
K11Q21O	18.4	0.15	K118R	342.410	129.313	241.033	4.323	0.24599	2.35988	3 S
K11Q23D	17.4	0.15	K118R	353.354	199.165	185.052	6.780	0.38268	2.55182	2 S
K11Q24C	17.3	0.15	K118R	7.151	111.800	218.553	2.171	0.09582	2.78848	2 W
K11Q29O	19.1	0.15	K118R	6.964	94.828	227.627	7.367	0.26592	2.21986	3 W
K11Q30W	18.1	0.15	K118R	19.346	305.977	0.380	6.129	0.24067	2.28966	2 W
K11Q34A	16.2	0.15	K118R	22.510	47.993	266.957	12.432	0.19024	2.74874	3 S
K11Q34Q	17.6	0.15	K118R	297.653	358.035	84.161	6.242	0.25436	2.01566	4 S
K11Q37S	16.8	0.15	K118R	323.310	280.385	100.139	2.980	0.09592	2.89905	3 S
K11Q38S	16.3	0.15	K118R	316.581	133.471	263.219	7.615	0.06421	3.05715	2 S
K11Q40E	17.0	0.15	K118R	51.645	85.580	182.178	6.052	0.13371	2.43629	5 W
K11Q40O	16.5	0.15	K118R	341.841	187.106	224.406	12.672	0.30213	2.63897	3 S
K11Q53W	13.8	0.15	K118R	13.358	81.114	253.701	9.382	0.06422	5.19509	5 S
K11Q54N	17.9	0.15	K118R	11.966	18.872	303.311	8.944	0.20499	2.58755	2 S
K11Q56Z	18.1	0.15	K118R	347.631	143.974	211.144	1.726	0.18965	2.42119	2 W
K11Q58D	15.8	0.15	K118R	186.662	209.452	318.966	7.998	0.03458	3.16780	2 W
K11Q58P	17.1	0.15	K118R	350.321	69.717	292.622	1.611	0.24381	3.18971	2 W
K11Q59E	16.3	0.15	K118R	342.130	193.372	163.693	13.467	0.05247	2.76697	2 W
K11Q65A	16.0	0.15	K118R	359.403	2.780	342.672	11.469	0.10810	3.13101	5 W
K11Q67Y	16.0	0.15	K118R	359.406	28.932	316.341	8.955	0.10292	3.08862	3 W
K11Q69F	17.1	0.15	K118R	342.691	16.040	348.805	6.697	0.15729	2.36464	3 W
K11Q69W	17.4	0.15	K118R	33.265	340.772	307.457	6.000	0.10686	2.38447	2 S
K11Q71V	17.7	0.15	K118R	10.023	101.171	230.278	1.389	0.21917	2.42168	3 W
K11Q78D	16.4	0.15	K118R	291.029	63.490	6.934	8.800	0.10746	3.18976	2 W
K11Q87U	18.5	0.15	K118R	349.616	37.086	322.601	2.044	0.21471	2.51718	2 W
K11Q91M	17.2	0.15	K118R	243.898	259.697	212.142	3.711	0.04183	2.63439	2 W
K11Q92O	16.2	0.15	K118R	79.756	55.463	201.407	10.702	0.08760	2.98974	2 S
K11Q95U	15.7	0.15	K118R	18.282	357.541	345.028	13.022	0.29987	2.55902	6 X
K11R04D	18.4	0.15	K118R	348.846	351.645	20.958	4.626	0.24577	2.63179	2 W
K11R08X	17.9	0.15	K118R	72.638	84.175	182.100	8.532	0.07150	2.63920	2 W
K11R09J	15.7	0.15	K118R	357.218	4.585	355.570	17.986	0.13016	3.06231	2 W
K11R11C	16.2	0.15	K118R	331.427	59.458	340.051	16.141	0.13595	3.03260	4 X

K11R11W	16.7	0.15	K118R	311.480	243.087	189.269	15.254	0.20896	3.12429	3 W
K11R14D	15.8	0.15	K118R	321.775	195.155	211.731	7.229	0.15870	3.20558	2 W
K11R16G	16.2	0.15	K118R	356.120	3.505	350.259	15.436	0.26708	2.64481	2 W
K11R16H	16.9	0.15	K118R	336.071	218.329	164.294	13.637	0.26388	2.66627	3 W
K11R16W	17.4	0.15	K118R	309.191	282.614	143.596	5.986	0.14163	2.29632	2 W
K11R17B	17.8	0.15	K118R	13.709	323.093	8.634	6.243	0.38082	2.13173	2 X
K11S00G	16.7	0.15	K118R	33.029	101.497	212.378	1.487	0.03307	2.90101	3 W
K11S00W	16.9	0.15	K118R	25.187	129.356	181.828	11.859	0.19494	3.15301	2 W
K11S02K	19.0	0.15	K118R	316.309	114.799	295.930	1.639	0.21536	2.41037	2 W
K11S07N	16.1	0.15	K118R	14.323	355.239	6.663	10.543	0.07638	3.04809	5 X
K11S08T	18.2	0.15	K118R	355.655	46.062	310.563	3.033	0.33981	2.65792	2 W
K11S10T	17.3	0.15	K118R	308.709	226.225	186.786	10.248	0.08295	3.01187	2 W
K11S11L	17.0	0.15	K118R	315.320	81.834	347.274	12.735	0.25199	2.61596	2 X
K11S11N	17.2	0.15	K118R	327.121	58.295	355.855	24.961	0.28754	2.74072	2 S
K11S21J	16.8	0.15	K118R	343.775	119.366	268.340	12.345	0.30042	3.14338	2 W
K11S21Z	17.5	0.15	K118R	27.218	38.101	231.587	17.283	0.56460	2.91897	3 X
K11S24N	18.2	0.15	K118R	2.418	353.960	3.877	7.456	0.24702	2.33134	3 S
K11S24T	17.4	0.15	K118R	34.406	272.931	45.922	2.693	0.23419	2.30601	3 W
K11S26G	19.7	0.15	K118R	354.770	128.833	230.714	10.242	0.38129	2.57562	2 W
K11S26M	15.6	0.15	K118R	35.957	69.296	239.400	25.554	0.27545	2.76261	2 X
K11S27N	16.4	0.15	K118R	349.076	68.119	301.834	8.353	0.31125	3.09307	4 S
K11S29D	16.5	0.15	K118R	20.532	143.275	194.282	7.014	0.11923	3.49784	2 W
K11S30M	18.2	0.15	K118R	9.361	63.570	259.835	5.692	0.36407	2.59130	2 S
K11S30Q	16.3	0.15	K118R	348.690	138.761	248.275	5.180	0.22457	2.67552	6 X
K11S31P	18.3	0.15	K118R	277.927	79.452	5.883	19.893	0.06506	1.92667	2 W
K11S32D	17.3	0.15	K118R	317.109	32.646	34.220	7.448	0.07520	2.25785	3 X
K11S32L	16.5	0.15	K118R	327.277	56.448	356.566	9.307	0.15084	3.02875	2 W
K11S32R	17.7	0.15	K118R	327.440	204.753	189.200	1.278	0.18858	2.44699	3 W
K11S32V	17.3	0.15	K118R	345.160	7.195	4.574	3.764	0.22284	2.47213	4 W
K11S32W	17.0	0.15	K118R	331.701	33.965	355.453	1.703	0.17722	2.41438	2 W
K11S33R	17.3	0.15	K118R	332.683	326.670	96.758	7.660	0.38103	2.44899	2 X
K11S34O	16.7	0.15	K118R	11.066	183.936	167.732	5.797	0.19263	3.17263	2 W
K11S35N	18.4	0.15	K118R	9.575	208.114	139.655	1.962	0.20751	2.35991	2 W
K11S35O	17.4	0.15	K118R	297.441	49.996	26.777	7.584	0.06153	2.26231	5 X
K11S35T	17.1	0.15	K118R	289.125	335.800	113.295	1.668	0.04128	2.78412	3 W
K11S36G	16.4	0.15	K118R	342.134	210.032	184.551	10.842	0.10979	3.21628	3 W
K11S36J	17.2	0.15	K118R	18.813	156.808	182.967	10.975	0.17888	2.66739	2 W
K11S36S	17.1	0.15	K118R	9.028	265.483	95.922	2.998	0.09923	2.73538	2 W
K11S37G	17.3	0.15	K118R	359.289	177.506	196.187	14.781	0.13775	2.57574	2 S
K11S37N	17.5	0.15	K118R	48.741	139.299	165.187	2.710	0.18588	2.29964	3 W
K11S38E	16.7	0.15	K118R	28.039	297.089	31.393	14.296	0.23035	2.69090	3 S
K11S39T	17.8	0.15	K118R	336.206	66.522	330.559	0.579	0.17382	2.37449	5 X
K11S42H	16.7	0.15	K118R	350.059	342.458	22.427	0.400	0.10525	3.14288	2 W
K11S43B	16.6	0.15	K118R	135.405	34.667	179.075	4.971	0.07529	3.08926	2 W
K11S43N	17.3	0.15	K118R	299.752	81.057	349.672	4.507	0.15857	3.19028	2 W
K11S44M	16.7	0.15	K118R	262.994	279.775	186.821	9.224	0.16065	3.19006	2 W
K11S45V	17.6	0.15	K118R	329.679	95.395	289.633	3.264	0.08260	2.75767	2 W
K11S47S	16.6	0.15	K118R	37.579	129.134	183.860	9.360	0.05994	3.16701	2 W
K11S48M	18.1	0.15	K118R	236.024	117.463	0.825	6.983	0.02756	2.21550	3 W
K11S50O	18.0	0.15	K118R	11.861	117.654	215.206	0.504	0.12555	2.62026	2 W
K11S51B	17.8	0.15	K118R	30.827	289.226	17.134	1.410	0.19417	2.39394	2 S
K11S51C	17.9	0.15	K118R	0.948	44.462	311.185	6.031	0.26439	2.24732	2 W
K11S51N	16.5	0.15	K118R	305.925	284.441	145.713	11.923	0.05006	2.68411	3 W
K11S51Y	17.3	0.15	K118R	358.793	9.228	4.557	4.465	0.16786	2.34822	5 X
K11S51Z	15.2	0.15	K118R	40.942	275.580	47.400	21.079	0.31244	3.15055	2 X
K11S52A	15.4	0.15	K118R	44.523	282.061	48.752	17.759	0.22232	3.17141	4 X
K11S52O	17.2	0.15	K118R	354.105	179.706	188.169	1.342	0.09610	2.76098	2 W

K11S53L	18.1	0.15	K118R	40.042	102.562	199.338	0.636	0.18811	2.44833	3 W
K11S56L	18.6	0.15	K118R	297.968	283.960	154.227	5.432	0.10785	2.18165	3 W
K11S56N	17.7	0.15	K118R	13.621	255.651	88.360	4.002	0.23930	2.97594	2 W
K11S57K	18.2	0.15	K118R	6.157	347.957	24.656	0.932	0.21777	2.30595	3 X
K11S57S	16.3	0.15	K118R	12.054	327.970	44.988	3.865	0.33619	3.99095	3 X
K11S57Y	17.2	0.15	K118R	318.495	288.528	123.777	4.670	0.02280	2.60174	2 W
K11S58J	16.7	0.15	K118R	56.597	262.954	30.804	5.099	0.13688	2.80283	3 W
K11S58Q	18.8	0.15	K118R	46.875	329.389	314.155	1.773	0.18087	2.45988	2 W
K11S60F	17.1	0.15	K118R	1.932	24.923	320.180	14.346	0.14524	2.56221	2 S
K11S60T	17.4	0.15	K118R	46.076	196.925	107.711	10.290	0.18562	2.33365	3 X
K11S63F	16.0	0.15	K118R	355.666	142.505	213.879	13.852	0.21981	3.18276	2 S
K11S63T	16.6	0.15	K118R	10.089	191.676	165.966	14.747	0.22677	3.04369	4 X
K11S64D	18.9	0.15	K118R	353.192	286.753	74.978	6.500	0.19885	2.27083	2 W
K11S65C	16.7	0.15	K118R	167.590	265.067	276.271	6.743	0.03036	2.57604	5 S
K11S65K	17.3	0.15	K118R	343.202	159.401	218.503	6.864	0.30707	2.64776	2 W
K11S65T	15.5	0.15	K118R	66.004	307.498	340.329	11.988	0.09719	3.10255	6 S
K11S65V	15.6	0.15	K118R	24.181	58.233	269.399	11.349	0.16030	3.15544	4 X
K11S67D	17.0	0.15	K118R	357.685	5.623	8.136	7.923	0.13729	2.36238	2 X
K11S67O	17.3	0.15	K118R	11.208	55.047	291.373	3.985	0.23264	2.41101	3 X
K11S71P	16.5	0.15	K118R	297.007	107.966	313.996	8.633	0.06597	2.57155	3 S
K11S72H	17.0	0.15	K118R	315.601	60.606	343.631	5.803	0.07725	2.77791	4 W
K11S72L	17.7	0.15	K118R	276.030	239.837	205.684	3.755	0.07037	2.65346	4 W
K11S72T	17.5	0.15	K118R	356.553	163.486	194.687	9.237	0.07210	3.10468	2 W
K11S74D	16.2	0.15	K118R	94.412	335.538	275.872	8.059	0.08272	2.84889	3 S
K11S76U	16.3	0.15	K118R	322.784	201.546	215.777	2.162	0.25544	3.97272	2 W
K11S77U	16.7	0.15	K118R	174.040	184.065	357.297	6.161	0.13796	2.55318	2 W
K11S78H	16.5	0.15	K118R	345.594	183.022	186.981	7.906	0.03373	2.74201	2 W
K11S78J	17.5	0.15	K118R	319.794	221.193	185.533	8.917	0.14460	2.91456	2 W
K11S79D	16.5	0.15	K118R	236.300	299.520	184.608	10.553	0.04514	3.11476	2 W
K11S79Q	17.5	0.15	K118R	66.655	97.564	183.528	4.230	0.06389	2.68245	2 W
K11S80A	17.7	0.15	K118R	310.233	53.208	0.467	6.417	0.12385	2.38395	2 W
K11S80V	18.6	0.15	K118R	301.688	130.457	304.832	1.613	0.22772	2.37301	4 W
K11S81Y	17.1	0.15	K118R	107.686	29.935	209.140	2.003	0.08410	2.98623	2 W
K11S84D	17.5	0.15	K118R	358.230	351.008	5.655	13.645	0.19937	2.57495	2 S
K11S84N	15.5	0.15	K118R	1.230	340.933	38.323	19.050	0.16922	3.20640	2 X
K11S84T	17.8	0.15	K118R	58.453	219.485	77.536	3.174	0.18569	2.31578	2 W
K11S84W	17.3	0.15	K118R	354.636	313.713	70.900	4.152	0.11294	2.66101	2 W
K11S86X	17.8	0.15	K118R	14.570	113.813	219.544	3.914	0.25274	2.39795	2 W
K11S87T	17.4	0.15	K118R	5.765	33.501	329.397	4.692	0.05975	2.57087	2 W
K11S87W	17.7	0.15	K118R	4.241	31.714	329.399	3.652	0.13062	2.51467	3 W
K11S88C	16.2	0.15	K118R	13.903	347.334	2.303	10.505	0.20654	3.16519	2 W
K11S88G	16.0	0.15	K118R	21.810	349.418	1.725	9.545	0.04114	3.06787	6 S
K11S88J	17.0	0.15	K118R	77.735	350.584	301.628	3.394	0.03486	2.79481	3 W
K11S88N	18.0	0.15	K118R	346.658	88.458	299.110	2.108	0.27335	2.58739	2 W
K11S88Z	16.1	0.15	K118R	55.631	294.277	2.885	12.676	0.15778	2.77695	4 S
K11S89M	17.5	0.15	K118R	21.856	73.657	257.242	2.606	0.19258	2.40957	2 W
K11S89P	16.2	0.15	K118R	311.095	215.249	214.042	9.788	0.08618	3.14135	2 W
K11S89V	16.9	0.15	K118R	8.007	140.671	220.793	5.336	0.05227	2.69625	2 W
K11S90B	17.9	0.15	K118R	28.473	304.051	10.351	14.483	0.28847	2.56926	2 S
K11S90E	15.7	0.15	K118R	325.577	208.829	207.576	10.952	0.12724	3.08308	5 X
K11S90K	16.5	0.15	K118R	349.266	158.399	227.965	4.855	0.06895	2.81043	4 S
K11S90P	17.4	0.15	K118R	356.444	21.547	351.700	3.249	0.20669	2.59893	2 W
K11S90Q	16.4	0.15	K118R	128.796	351.409	253.108	2.738	0.04416	2.81623	2 W
K11S90W	19.2	0.15	K118R	24.159	44.690	291.086	1.139	0.14596	2.21208	2 W
K11S90Y	17.2	0.15	K118R	37.329	25.085	304.647	1.787	0.05480	2.56065	2 W
K11S91K	16.4	0.15	K118R	340.061	81.823	320.079	3.480	0.06828	2.79292	3 W
K11S92M	17.1	0.15	K118R	308.665	218.185	225.122	4.423	0.13376	2.65436	2 X

K11S92R	18.5	0.15	K118R	307.646	52.697	8.080	2.662	0.15464	2.44107	2 W
K11S94R	18.5	0.15	K118R	338.287	15.705	11.584	3.220	0.24570	2.67888	2 W
K11S95U	17.3	0.15	K118R	301.638	66.580	3.468	1.627	0.14723	2.86324	2 W
K11S98G	17.4	0.15	K118R	148.635	202.168	8.162	6.770	0.06173	2.35893	6 S
K11SA0A	16.4	0.15	K118R	306.477	282.470	139.964	6.621	0.03420	2.78616	5 X
K11SA0S	17.4	0.15	K118R	139.525	155.270	60.704	1.042	0.00776	2.80174	2 W
K11SA1J	17.0	0.15	K118R	273.705	48.392	45.682	1.493	0.09836	2.87818	2 W
K11SA2K	17.1	0.15	K118R	21.806	144.057	192.828	30.977	0.28714	2.63772	2 W
K11SA2L	17.9	0.15	K118R	317.565	51.361	59.743	10.039	0.48987	2.20242	3 X
K11SA2P	17.1	0.15	K118R	70.678	27.511	241.371	3.785	0.06980	2.70479	2 W
K11SA2X	16.4	0.15	K118R	7.750	326.208	17.791	5.063	0.13667	2.76716	3 W
K11SA3K	17.8	0.15	K118R	340.743	237.867	144.345	3.296	0.23972	2.35841	2 S
K11SA3M	17.8	0.15	K118R	339.688	244.805	141.546	3.726	0.21196	2.44146	3 W
K11SA3O	15.9	0.15	K118R	31.239	136.460	178.753	17.009	0.21797	3.10730	3 X
K11SA4D	15.6	0.15	K118R	76.575	312.059	342.213	9.728	0.08262	2.97441	2 W
K11SA4N	18.7	0.15	K118R	335.515	84.409	315.625	5.329	0.13141	2.17525	2 W
K11SA5O	17.8	0.15	K118R	0.689	15.949	349.008	7.698	0.28344	2.53914	2 S
K11SA5R	17.9	0.15	K118R	9.401	154.212	205.187	4.246	0.30869	2.65030	3 X
K11SA5U	18.4	0.15	K118R	290.248	177.068	297.357	0.626	0.15361	2.19704	4 X
K11SA6J	15.7	0.15	K118R	349.001	114.135	301.730	10.128	0.10562	2.97930	2 S
K11SA9C	16.1	0.15	K118R	23.898	145.965	178.400	9.968	0.08414	3.06351	2 W
K11SB0Z	16.0	0.15	K118R	15.016	73.242	253.659	9.538	0.15410	3.11542	4 S
K11SB1R	16.2	0.15	K118R	343.081	93.465	289.222	8.857	0.12678	3.07378	3 X
K11SB1W	18.0	0.15	K118R	22.224	350.954	333.615	9.546	0.17813	2.32607	2 X
K11SB2F	17.6	0.15	K118R	345.426	60.422	323.500	4.005	0.30384	2.65865	2 S
K11SB2U	18.3	0.15	K118R	4.894	169.743	180.564	6.400	0.28566	2.58945	2 W
K11SB4P	17.8	0.15	K118R	341.616	1.815	43.024	4.920	0.31330	2.58382	3 X
K11SB4R	15.3	0.15	K118R	66.806	302.272	358.239	10.296	0.10724	3.11235	6 X
K11SB6F	17.4	0.15	K118R	359.507	313.655	27.569	1.833	0.18966	2.44980	2 S
K11SB6J	16.4	0.15	K118R	2.620	190.939	166.788	9.599	0.14649	3.06556	2 W
K11SB6O	17.7	0.15	K118R	357.044	327.039	26.144	7.041	0.14437	2.38402	3 W
K11SB6Y	17.6	0.15	K118R	352.861	216.382	168.642	2.318	0.21498	2.31989	3 X
K11SB7L	18.0	0.15	K118R	359.056	48.890	315.645	4.442	0.15281	2.40172	2 W
K11SB7T	16.4	0.15	K118R	9.689	335.507	7.153	7.777	0.10910	2.70607	2 W
K11SB8A	16.7	0.15	K118R	20.573	164.587	174.612	9.999	0.15112	2.73473	3 W
K11SC0W	17.5	0.15	K118R	338.671	294.470	86.188	3.102	0.08507	2.88609	2 W
K11SC1M	16.8	0.15	K118R	4.123	150.338	209.205	1.377	0.07974	2.85957	3 W
K11SC2A	17.7	0.15	K118R	351.141	224.921	152.376	2.385	0.10125	2.70953	3 S
K11SC2Z	16.0	0.15	K118R	319.542	237.279	203.187	16.191	0.20892	3.15233	2 W
K11SC3A	17.2	0.15	K118R	357.725	333.014	45.935	7.708	0.07443	2.22124	3 X
K11SC3G	16.2	0.15	K118R	354.050	154.324	227.610	17.018	0.19410	2.57927	3 X
K11SC3J	18.0	0.15	K118R	12.679	265.978	81.877	3.640	0.19153	2.40212	2 W
K11SC3T	16.0	0.15	K118R	348.823	225.877	171.466	1.360	0.18346	3.10775	6 X
K11SC5S	16.2	0.15	K118R	92.403	243.785	40.336	4.315	0.07304	2.68686	5 X
K11SC5T	17.0	0.15	K118R	22.015	160.678	194.802	3.419	0.10978	2.78614	4 X
K11SC6Q	17.0	0.15	K118R	352.601	275.243	104.818	2.509	0.19442	3.14264	2 W
K11SC7B	17.2	0.15	K118R	359.752	338.199	30.057	4.599	0.22745	3.05109	3 X
K11SC7F	16.8	0.15	K118R	12.215	326.069	24.750	9.268	0.16828	2.77203	3 X
K11SC7J	18.5	0.15	K118R	54.502	113.719	179.002	5.084	0.17632	2.19697	2 W
K11SC7O	18.0	0.15	K118R	355.974	337.835	29.404	5.244	0.18384	2.22726	4 X
K11SC8W	17.0	0.15	K118R	325.044	276.244	146.445	3.739	0.19620	3.07788	2 W
K11SC9L	19.6	0.15	K118R	353.114	333.932	37.518	6.120	0.26465	2.31370	2 X
K11SC9U	18.5	0.15	K118R	304.810	343.540	99.859	2.237	0.18148	2.41931	2 W
K11SC9Z	17.6	0.15	K118R	343.555	350.393	42.528	5.470	0.13391	2.77742	2 W
K11SD0D	16.9	0.15	K118R	67.468	229.293	63.609	6.085	0.13452	3.03494	3 W
K11SD0S	17.3	0.15	K118R	4.492	200.076	158.813	4.475	0.19034	2.65324	3 W
K11SD1U	16.9	0.15	K118R	26.631	287.359	51.425	4.100	0.20256	2.74538	4 X

K11SD1Y	16.0	0.15	K118R	26.783	300.192	26.660	26.902	0.24303	3.17246	2	X
K11SD2C	15.8	0.15	K118R	1.301	343.229	35.867	18.421	0.19386	3.08177	3	X
K11SD2F	17.5	0.15	K118R	22.640	295.498	37.637	5.595	0.26229	2.36413	2	W
K11SD2L	16.8	0.15	K118R	351.493	347.070	39.099	6.617	0.32277	2.59775	5	X
K11SD2Y	17.2	0.15	K118R	258.983	300.500	188.339	11.136	0.12714	2.67497	2	W
K11SD3C	17.7	0.15	K118R	29.816	276.963	54.932	4.873	0.10403	2.36839	2	W
K11SD3H	18.0	0.15	K118R	342.699	245.168	152.030	4.188	0.22144	3.09572	3	W
K11SD6B	16.9	0.15	K118R	24.858	123.637	212.308	6.798	0.13709	2.70845	6	X
K11SD6E	16.6	0.15	K118R	15.190	138.590	200.557	11.383	0.14168	3.04056	2	W
K11SD6J	16.3	0.15	K118R	338.884	64.189	325.208	3.088	0.17668	3.15493	3	W
K11SD7L	16.2	0.15	K118R	197.155	169.846	358.906	11.503	0.08245	2.94092	2	W
K11SE1D	17.7	0.15	K118R	351.671	5.370	13.741	6.304	0.06988	2.67091	2	W
K11SE1F	18.9	0.15	K118R	326.116	43.100	8.367	1.518	0.17912	2.34181	3	X
K11SE1M	17.4	0.15	K118R	16.010	311.632	28.530	1.791	0.18195	2.39115	6	X
K11SE1U	17.4	0.15	K118R	344.591	0.576	30.596	2.056	0.22760	2.85404	4	X
K11SE2D	17.0	0.15	K118R	221.284	285.412	227.135	0.842	0.01894	2.73500	2	S
K11SE2Q	17.1	0.15	K118R	41.725	296.426	25.382	4.016	0.09163	2.79737	4	X
K11SE3E	15.6	0.15	K118R	185.230	166.432	24.350	17.620	0.05672	3.17229	5	X
K11SE3J	18.6	0.15	K118R	24.811	301.109	23.689	2.832	0.22647	2.32219	2	X
K11SE3V	17.1	0.15	K118R	60.326	105.862	195.434	16.675	0.08902	2.66850	2	W
K11SE4J	17.4	0.15	K118R	24.000	176.248	152.708	4.028	0.10205	2.43345	3	W
K11SE6H	17.7	0.15	K118R	307.652	208.092	228.112	1.678	0.15875	2.36767	4	X
K11SE6K	17.7	0.15	K118R	11.490	357.957	350.241	1.072	0.19892	2.42984	2	W
K11SF2M	17.6	0.15	K118R	318.008	16.730	30.891	2.284	0.06653	2.84909	2	W
K11SF6S	17.2	0.15	K118R	7.677	333.363	16.582	4.761	0.07480	2.78289	2	W
K11SF7R	17.2	0.15	K118R	317.155	46.973	11.554	4.324	0.08550	2.72105	2	W
K11SF7Y	17.2	0.15	K118R	10.735	148.573	188.994	23.389	0.25505	2.33969	3	S
K11SF8E	18.2	0.15	K118R	29.721	233.836	82.019	3.442	0.22126	2.36830	2	W
K11SF9J	15.9	0.15	K118R	293.961	111.377	353.599	15.681	0.25539	3.10842	2	W
K11SG2N	18.2	0.15	K118R	12.486	47.042	300.008	5.438	0.15240	2.34680	2	W
K11SG2W	16.8	0.15	K118R	71.941	311.897	338.385	9.858	0.10092	2.90721	2	W
K11SG3A	16.7	0.15	K118R	31.205	356.375	342.558	9.677	0.05820	3.05276	2	W
K11SG5B	17.5	0.15	K118R	35.999	251.442	63.826	2.241	0.19859	2.35093	5	X
K11SG5J	18.3	0.15	K118R	328.131	229.606	188.955	5.792	0.24008	2.58303	2	W
K11SG6V	18.2	0.15	K118R	299.658	104.554	322.286	7.548	0.05337	2.22573	2	W
K11SG8L	16.8	0.15	K118R	38.544	100.773	216.467	4.271	0.18073	3.06857	4	X
K11SG9O	16.9	0.15	K118R	352.701	181.636	198.178	4.147	0.23244	3.05290	5	X
K11SG9U	17.8	0.15	K118R	349.183	357.466	23.612	4.049	0.21656	2.60044	2	X
K11SH0B	17.7	0.15	K118R	32.074	176.457	144.194	0.411	0.17765	2.37940	8	X
K11SH0K	18.0	0.15	K118R	4.491	153.750	201.393	1.712	0.22788	2.36998	4	X
K11SH0N	16.5	0.15	K118R	357.755	172.190	214.412	9.074	0.08059	3.06465	5	X
K11SH0V	18.2	0.15	K118R	28.374	110.340	217.412	3.819	0.23063	2.32919	2	W
K11SH2W	18.1	0.15	K118R	340.027	25.031	17.537	2.942	0.24339	2.36054	4	W
K11SH3R	17.4	0.15	K118R	359.976	172.147	187.167	14.842	0.21116	2.55276	3	X
K11SH3U	17.4	0.15	K118R	31.868	188.251	127.892	2.249	0.15365	2.39536	2	W
K11SH3Y	16.2	0.15	K118R	7.593	8.512	348.863	10.332	0.29767	2.56764	2	X
K11SH4J	17.9	0.15	K118R	340.327	212.691	175.511	8.579	0.13916	2.72461	2	X
K11SH4S	15.8	0.15	K118R	14.539	18.794	322.195	8.804	0.06748	2.96708	4	S
K11SH4V	17.4	0.15	K118R	217.118	127.861	28.399	5.433	0.16260	2.37926	3	W
K11SH4X	15.0	0.15	K118R	332.679	9.276	34.136	6.654	0.16280	3.99102	2	W
K11SH5F	16.5	0.15	K118R	299.627	53.271	31.250	5.407	0.17490	3.20562	3	S
K11SH5P	18.2	0.15	K118R	328.536	281.982	121.931	2.227	0.18904	2.44538	2	W
K11SH5W	19.0	0.15	K118R	325.292	25.802	34.125	5.006	0.30500	2.58840	2	W
K11SH6F	17.1	0.15	K118R	52.976	7.702	299.222	0.997	0.05782	2.88250	3	W
K11SH6M	14.3	0.15	K118R	68.690	22.230	272.721	25.326	0.08334	3.22755	7	X
K11SH7A	17.9	0.15	K118R	355.034	207.336	161.768	5.722	0.24149	2.57122	2	W
K11SH7L	18.2	0.15	K118R	350.834	7.348	3.226	4.034	0.20001	2.35075	2	W

K11SH7O	16.8	0.15	K118R	330.709	353.563	57.514	5.554	0.15432	2.75940	2 W
K11SH8A	16.7	0.15	K118R	321.935	56.538	2.973	12.899	0.14178	3.09170	2 W
K11SH8B	17.5	0.15	K118R	303.239	228.818	219.868	11.644	0.16403	2.61825	2 W
K11SH8Z	15.1	0.15	K118R	118.433	40.110	208.136	16.364	0.08492	3.18471	3 S
K11SH9V	18.4	0.15	K118R	18.327	84.794	252.163	1.860	0.20894	2.47209	2 W
K11SI0G	17.5	0.15	K118R	27.001	115.850	204.205	12.139	0.27817	2.63291	2 X
K11SI0H	18.2	0.15	K118R	289.155	255.470	209.987	5.012	0.21751	2.31649	3 X
K11SI0Q	16.9	0.15	K118R	251.550	110.108	18.336	4.126	0.03744	2.72148	3 W
K11SI0W	15.5	0.15	K118R	14.579	151.986	206.663	9.392	0.11343	3.13832	2 W
K11SI1S	16.8	0.15	K118R	41.002	49.406	280.824	2.757	0.09760	2.76780	3 W
K11SI1W	16.9	0.15	K118R	7.816	21.565	343.214	3.910	0.11503	2.75532	6 X
K11SI2N	18.8	0.15	K118R	333.474	42.739	1.189	5.035	0.14675	2.20563	2 X
K11SI2O	18.6	0.15	K118R	339.475	29.127	12.083	8.286	0.19511	2.51403	3 X
K11SI2T	17.4	0.15	K118R	58.531	292.322	7.932	6.177	0.14670	2.32968	5 S
K11SI3B	16.9	0.15	K118R	328.767	71.485	345.037	3.129	0.10701	2.75379	2 W
K11SI4V	17.6	0.15	K118R	4.962	282.483	81.393	3.436	0.18298	2.37865	2 W
K11SI5N	17.2	0.15	K118R	336.281	347.404	57.818	7.415	0.10160	2.32691	2 W
K11SI5U	16.2	0.15	K118R	65.346	85.127	212.104	8.391	0.09180	3.11478	4 X
K11SI6L	17.4	0.15	K118R	25.020	325.126	14.987	9.253	0.07749	2.36569	2 W
K11SI8R	16.6	0.15	K118R	348.329	43.922	334.667	5.736	0.06545	2.79884	2 S
K11SI8U	15.6	0.15	K118R	118.282	222.582	26.751	34.796	0.17006	2.78333	5 X
K11SI8Z	17.0	0.15	K118R	180.371	200.648	343.946	5.727	0.02670	2.37275	2 S
K11SJ0U	18.3	0.15	K118R	33.458	116.823	219.675	19.244	0.10008	1.91480	2 S
K11SJ0X	17.0	0.15	K118R	353.918	11.598	20.708	13.428	0.25020	2.67584	2 X
K11SJ1B	15.3	0.15	K118R	8.065	302.044	63.485	27.619	0.17261	3.12354	3 X
K11SJ1C	19.4	0.15	K118R	155.081	196.159	5.806	18.747	0.04406	1.52388	3 X
K11SJ1O	17.6	0.15	K118R	22.562	131.609	221.432	5.996	0.11959	2.28764	5 S
K11SJ2G	16.5	0.15	K118R	8.049	186.550	169.992	14.231	0.20465	2.71956	5 X
K11SJ2H	17.3	0.15	K118R	355.842	111.973	247.456	1.767	0.09645	2.77381	2 W
K11SJ3M	16.0	0.15	K118R	46.636	289.746	13.981	14.025	0.14595	3.12028	2 W
K11SJ3T	16.3	0.15	K118R	358.175	193.077	172.790	9.282	0.14225	3.08566	5 X
K11SJ4K	16.1	0.15	K118R	337.713	216.530	174.784	9.287	0.09280	3.03733	2 W
K11SJ5Z	18.1	0.15	K118R	55.260	289.048	341.599	3.813	0.18423	2.38647	2 W
K11SJ7S	17.5	0.15	K118R	22.416	354.756	329.063	2.265	0.08325	2.97548	2 W
K11SK1R	17.8	0.15	K118R	287.565	251.480	178.895	6.324	0.08324	2.35529	2 W
K11SK2E	19.5	0.15	K118R	343.595	180.831	194.572	7.347	0.23500	2.29551	2 W
K11SK4G	16.2	0.15	K118R	290.858	252.675	189.711	8.993	0.07435	3.16468	4 W
K11SK4S	16.8	0.15	K118R	1.565	335.643	26.417	11.195	0.23392	3.01836	2 W
K11SK5A	17.2	0.15	K118R	207.231	118.148	43.398	6.072	0.07575	2.32098	2 W
K11SK5T	17.5	0.15	K118R	307.063	245.606	181.993	6.831	0.07078	2.24385	3 W
K11SK5U	15.5	0.15	K118R	353.293	198.379	183.855	10.261	0.07873	3.05500	6 X
K11SK6B	17.2	0.15	K118R	29.745	300.800	27.315	10.948	0.14022	2.59541	4 X
K11SK6V	17.7	0.15	K118R	30.561	309.168	329.278	14.187	0.33999	2.64967	2 S
K11SK7W	18.0	0.15	K118R	340.664	25.525	345.146	8.627	0.17565	2.57903	3 S
K11SK8N	17.5	0.15	K118R	334.001	359.045	46.087	5.762	0.20868	2.43949	2 W
K11SK8S	16.1	0.15	K118R	309.204	89.598	325.440	8.912	0.09057	3.10094	3 W
K11SK9J	16.6	0.15	K118R	6.499	339.148	29.274	6.338	0.05623	2.67229	4 W
K11SL0D	17.1	0.15	K118R	5.987	196.325	163.879	14.899	0.14092	2.66878	2 W
K11SL1Z	18.6	0.15	K118R	339.453	180.695	213.213	1.288	0.21033	2.32963	4 X
K11SL3F	17.8	0.15	K118R	323.727	40.246	9.648	4.312	0.07013	2.38333	2 W
K11SL4M	16.7	0.15	K118R	3.889	161.286	204.754	12.507	0.20479	2.59115	2 S
K11SL4P	16.7	0.15	K118R	357.682	173.681	199.663	21.032	0.18798	2.33412	3 W
K11SL5H	17.6	0.15	K118R	7.880	327.270	28.841	11.911	0.32098	2.64519	2 S
K11SL5P	18.3	0.15	K118R	0.042	143.275	195.030	2.285	0.20271	2.40994	2 W
K11SL7H	17.9	0.15	K118R	40.353	305.295	355.754	7.374	0.11452	2.37339	2 W
K11SL7P	16.1	0.15	K118R	309.419	236.839	181.288	12.156	0.14820	3.13215	2 W
K11SL8U	15.8	0.15	K118R	54.599	235.572	73.233	10.818	0.06337	3.07958	2 W

K11SL8Y	16.8	0.15	K118R	321.598	322.428	99.629	9.050	0.18949	2.68583	2 W
K11SL8Z	17.1	0.15	K118R	5.035	254.263	98.962	7.581	0.19063	2.19983	6 X
K11SL9G	16.4	0.15	K118R	282.895	264.249	214.811	12.143	0.22700	2.69235	2 W
K11SM0A	18.6	0.15	K118R	26.233	107.038	203.380	5.104	0.20363	2.24698	2 W
K11SM3H	17.0	0.15	K118R	41.181	119.532	199.101	7.118	0.08530	2.79167	2 W
K11SM3L	16.7	0.15	K118R	343.504	204.943	193.175	8.198	0.26141	3.95811	2 W
K11SM3N	16.7	0.15	K118R	326.794	214.694	192.710	12.444	0.16582	2.66118	2 W
K11SM4H	18.1	0.15	K118R	326.241	59.201	352.654	4.691	0.03542	2.15009	3 S
K11SM7G	16.5	0.15	K118R	24.600	127.406	207.206	24.608	0.15119	2.71319	3 X
K11SM7M	17.6	0.15	K118R	310.307	141.931	283.800	4.371	0.05544	2.64841	2 W
K11SN0U	17.8	0.15	K118R	342.625	60.810	329.657	0.424	0.17837	2.44360	6 X
K11SN1G	18.4	0.15	K118R	346.671	159.002	231.946	2.312	0.16805	2.28577	3 X
K11SN1J	16.1	0.15	K118R	309.665	222.283	216.389	14.153	0.05057	2.69125	3 X
K11SN2B	17.9	0.15	K118R	345.090	25.333	3.896	7.781	0.11779	2.32470	2 X
K11SN2X	18.6	0.15	K118R	328.675	158.169	250.714	2.998	0.14337	2.28253	2 W
K11SN3E	16.6	0.15	K118R	336.641	206.704	210.402	33.549	0.22190	2.61700	3 X
K11SN3F	16.3	0.15	K118R	295.779	246.065	220.241	27.776	0.24902	2.67722	4 X
K11SN3X	18.4	0.15	K118R	338.724	80.922	295.814	3.356	0.17780	2.69755	2 W
K11SN5M	17.7	0.15	K118R	336.757	56.312	349.568	4.906	0.24921	2.60287	3 X
K11SN5T	16.4	0.15	K118R	18.973	37.219	316.974	9.317	0.11199	3.01610	2 S
K11SO0Q	18.6	0.15	K118R	324.774	228.811	174.470	1.205	0.17745	2.40998	2 W
K11SO1N	16.9	0.15	K118R	222.008	128.995	11.759	9.400	0.03857	3.19952	2 W
K11SO5G	17.8	0.15	K118R	357.457	62.691	312.630	2.593	0.21595	2.74034	2 W
K11SO5O	16.3	0.15	K118R	347.487	257.560	120.594	3.099	0.08403	2.88622	3 W
K11SO5R	17.1	0.15	K118R	326.437	224.471	187.437	9.166	0.17202	2.45612	2 S
K11SO9B	16.7	0.15	K118R	331.305	21.494	22.691	0.873	0.17456	3.12732	2 W
K11SO9D	18.9	0.15	K118R	246.752	258.183	224.412	19.753	0.12156	1.87058	2 W
K11SP0N	17.3	0.15	K118R	15.105	195.774	139.131	7.653	0.20493	2.30971	2 S
K11T00Q	19.4	0.15	K118R	1.479	45.491	296.038	4.678	0.19606	2.20144	2 W
K11T01S	17.8	0.15	K118R	32.045	170.693	150.713	4.697	0.15564	2.48038	2 W
K11T01Z	15.6	0.15	K118R	10.843	150.105	210.986	9.511	0.31052	3.04612	3 X
K11T02B	18.1	0.15	K118R	13.955	300.432	42.454	9.539	0.34067	2.23491	3 X
K11T02K	16.4	0.15	K118R	285.571	214.903	228.993	1.172	0.03932	2.85601	2 W
K11T02N	16.2	0.15	K118R	312.913	244.733	171.125	12.174	0.05309	2.92715	3 W
K11T02O	16.1	0.15	K118R	344.583	119.181	271.917	14.289	0.01966	2.56593	5 X
K11T02S	17.5	0.15	K118R	335.288	68.753	337.345	4.526	0.22732	2.59318	2 X
K11T02X	16.0	0.15	K118R	348.228	54.938	342.228	12.731	0.31353	3.15736	2 X
K11T03J	17.1	0.15	K118R	322.047	351.419	84.579	5.446	0.27673	2.62294	2 W
K11T03N	17.4	0.15	K118R	296.925	18.108	78.561	6.014	0.19108	2.20163	2 W
K11T04F	15.5	0.15	K118R	31.627	247.041	98.363	17.308	0.18895	3.07626	5 X
K11T04N	16.4	0.15	K118R	41.138	226.279	101.541	11.219	0.08819	2.93939	2 W
K11T06M	18.4	0.15	K118R	313.670	342.976	78.085	2.971	0.18266	2.55960	2 W
K11T08C	18.3	0.15	K118R	332.117	154.988	248.033	1.595	0.18058	2.42421	2 W
K11T08J	17.0	0.15	K118R	68.162	280.141	7.581	19.918	0.07654	1.98077	3 W
K11T09L	17.7	0.15	K118R	315.361	139.261	284.889	3.276	0.12040	2.52253	2 W
K11T09O	15.7	0.15	K118R	19.581	76.690	261.913	11.274	0.09206	3.04115	6 X
K11T09Q	18.2	0.15	K118R	324.167	50.306	1.858	6.091	0.23904	2.32780	2 S
K11T12Y	18.1	0.15	K118R	325.831	177.444	221.324	5.028	0.08745	2.27868	3 S
K11T14H	17.3	0.15	K118R	330.440	299.345	100.654	3.866	0.19634	3.02058	2 S
K11U00P	16.5	0.15	K118R	10.979	210.535	150.128	12.520	0.16634	3.04871	6 X
K11U00V	15.8	0.15	K118R	0.310	121.477	250.201	6.100	0.25276	3.08163	5 X
K11U01S	16.1	0.15	K118R	308.582	76.193	7.157	7.944	0.12756	3.10417	2 W
K11U01Y	17.0	0.15	K118R	33.001	333.947	7.648	6.306	0.06233	2.68033	2 W
K11U03A	14.9	0.15	K118R	303.738	248.190	219.681	26.068	0.25886	3.18587	4 X
K11U03D	16.8	0.15	K118R	339.397	7.836	35.783	4.968	0.19131	2.67605	3 S
K11U03H	17.2	0.15	K118R	340.179	348.012	52.959	4.830	0.30961	2.69613	2 W
K11U03P	16.2	0.15	K118R	6.248	336.707	26.995	11.005	0.21556	3.11654	2 S

K11U07N	17.1	0.15	K118R	97.152	60.717	218.273	5.087	0.11533	2.37970	8 S
K11U08U	18.0	0.15	K118R	2.626	154.379	219.353	4.068	0.23956	2.39274	2 W
K11U10C	17.7	0.15	K118R	3.377	33.324	342.868	2.274	0.20113	2.41051	3 X
K11U12D	16.8	0.15	K118R	34.812	182.917	143.239	12.369	0.21005	3.10791	3 S
K11U12W	16.7	0.15	K118R	340.070	12.128	37.187	5.259	0.14267	3.09621	5 X
K11U12Y	17.2	0.15	K118R	22.494	291.835	61.697	0.705	0.10501	2.72897	5 X
K11U13E	18.0	0.15	K118R	48.622	264.414	37.731	2.693	0.24033	2.32797	2 S
K11U13H	17.4	0.15	K118R	4.689	169.889	203.053	3.227	0.11968	2.64880	2 X
K11U13N	17.0	0.15	K118R	164.966	262.286	307.845	6.654	0.06311	2.38461	2 S
K11U16C	16.5	0.15	K118R	271.799	350.649	110.970	3.239	0.02007	2.86766	2 S
K11U16R	17.0	0.15	K118R	247.765	110.910	47.350	11.023	0.13554	2.35874	3 X
K11U17C	16.4	0.15	K118R	57.349	121.785	206.102	5.472	0.08466	2.54269	2 S
K11U17X	17.4	0.15	K118R	315.547	193.875	237.916	1.888	0.13807	2.36662	4 S
K11U18B	16.6	0.15	K118R	88.831	63.459	219.475	3.527	0.07046	2.80655	3 S
K11U18D	18.8	0.15	K118R	339.647	34.261	10.361	1.232	0.31788	2.58137	2 W
K11U18G	17.5	0.15	K118R	348.625	179.001	212.335	4.662	0.18998	2.67531	2 S
K11U18P	16.2	0.15	K118R	67.108	292.519	13.134	10.928	0.15253	3.12435	5 S
K11U19Y	15.4	0.15	K118R	41.355	280.667	52.154	26.894	0.21832	3.10256	3 S
K11U20U	18.1	0.15	K118R	298.660	137.056	355.238	21.991	0.52894	2.47869	3 X
K11U20V	16.7	0.15	K118R	74.061	79.036	195.215	13.384	0.11331	2.71863	4 S
K11U22H	18.0	0.15	K118R	311.364	183.182	255.165	5.004	0.20624	2.33671	2 W
K11U22M	17.4	0.15	K118R	329.573	150.534	258.476	5.346	0.09777	2.42965	2 X
K11U23M	15.9	0.15	K118R	222.087	170.492	350.819	10.647	0.02629	3.09868	3 S
K11U24C	18.4	0.15	K118R	18.095	87.969	256.561	1.982	0.18977	2.16494	4 S
K11U24H	17.1	0.15	K118R	33.560	87.648	233.906	4.813	0.25411	2.38478	4 S
K11U25K	16.9	0.15	K118R	330.485	203.524	215.873	5.890	0.08957	2.83263	2 W
K11U25R	17.0	0.15	K118R	334.428	6.863	47.349	5.529	0.10171	2.69329	2 S
K11U25Y	16.3	0.15	K118R	18.030	242.016	101.426	0.885	0.33099	3.08022	4 S
K11U26H	15.8	0.15	K118R	37.670	297.168	49.538	10.395	0.08105	3.12906	6 S
K11U26L	17.3	0.15	K118R	336.570	341.253	72.660	2.246	0.12294	2.64029	2 S
K11U27E	17.9	0.15	K118R	320.373	301.668	131.318	1.866	0.16853	2.44996	2 W
K11U28A	18.0	0.15	K118R	1.079	63.782	305.748	3.640	0.32323	2.54343	2 S
K11U28C	19.1	0.15	K118R	309.976	96.226	349.731	5.531	0.15002	2.26137	2 S
K11U28N	17.8	0.15	K118R	336.839	165.733	254.893	7.098	0.21134	2.78754	2 S
K11U28P	16.5	0.15	K118R	76.751	60.260	246.793	13.131	0.08414	2.77555	2 W
K11U28Z	16.5	0.15	K118R	345.520	38.816	10.471	6.466	0.17615	3.03502	2 W
K11U30A	17.3	0.15	K118R	21.993	280.751	67.147	2.921	0.22575	2.36097	4 X
K11U30M	17.3	0.15	K118R	41.236	270.652	56.685	5.991	0.20500	2.31862	2 X
K11U30Q	15.0	0.15	K118R	259.557	284.347	228.814	16.085	0.10601	3.11297	3 X
K11U30V	17.4	0.15	K118R	5.304	165.512	215.948	3.647	0.14536	2.56629	3 X
K11U31C	16.6	0.15	K118R	335.819	3.402	63.522	5.839	0.16588	3.06073	2 W
K11U32P	15.3	0.15	K118R	5.279	98.162	271.334	9.454	0.06560	3.10801	3 S
K11U33H	16.8	0.15	K118R	358.745	110.426	267.097	2.497	0.10951	2.77385	4 S
K11U35S	15.6	0.15	K118R	55.888	260.728	61.368	16.718	0.20365	3.05356	2 S
K11U35X	16.9	0.15	K118R	6.127	159.144	222.833	10.059	0.36503	3.99677	2 S
K11U36U	16.6	0.15	K118R	349.339	238.528	167.147	1.925	0.10516	2.65370	2 X
K11U37G	16.5	0.15	K118R	353.825	339.216	64.381	5.358	0.06727	2.78255	2 S
K11U37U	17.7	0.15	K118R	331.545	36.217	33.348	19.068	0.26092	2.70030	2 W
K11U37Y	17.3	0.15	K118R	113.582	9.589	253.897	5.739	0.15081	2.29832	4 S
K11U38A	17.2	0.15	K118R	37.850	89.691	260.360	5.084	0.06040	2.77369	6 S
K11U38B	16.2	0.15	K118R	52.042	310.988	24.161	9.615	0.08644	3.16917	2 S
K11U38S	17.0	0.15	K118R	38.471	291.815	55.720	12.420	0.11817	3.03184	2 S
K11U39F	17.9	0.15	K118R	349.781	143.725	237.661	5.622	0.12253	2.30224	2 W
K11U39O	17.4	0.15	K118R	11.257	213.220	147.595	11.690	0.16703	3.05666	2 W
K11U41B	17.5	0.15	K118R	19.469	144.069	198.727	1.015	0.20322	3.05310	5 S
K11U41J	17.5	0.15	K118R	345.343	30.269	2.351	1.687	0.11963	2.95420	2 W
K11U41V	16.9	0.15	K118R	283.624	74.943	20.237	2.042	0.04458	2.79280	2 S

K11U42D	18.9	0.15	K118R	351.798	157.625	215.923	4.310	0.16111	2.16312	2 S
K11U42Y	18.4	0.15	K118R	350.422	170.203	211.830	4.157	0.09466	2.41917	2 W
K11U45G	17.2	0.15	K118R	74.996	180.943	99.076	12.479	0.19747	2.74911	2 S
K11U45U	17.4	0.15	K118R	5.872	14.571	348.159	1.008	0.24685	3.04183	2 S
K11U47R	18.1	0.15	K118R	300.438	230.361	228.755	4.726	0.18149	2.32718	4 S
K11U47T	17.1	0.15	K118R	170.879	335.870	237.823	5.121	0.06317	2.29662	2 X
K11U47V	17.4	0.15	K118R	40.316	37.169	284.166	1.452	0.20108	2.34400	9 X
K11U48J	16.9	0.15	K118R	354.803	2.204	32.620	1.026	0.20345	3.18463	2 W
K11U49F	16.4	0.15	K118R	354.287	177.057	215.384	3.764	0.23085	3.11006	4 X
K11U49M	16.7	0.15	K118R	57.517	286.045	38.097	5.204	0.06868	2.77691	5 X
K11U50M	17.3	0.15	K118R	42.571	157.645	175.009	2.272	0.13780	2.64480	4 S
K11U50Q	16.6	0.15	K118R	295.537	53.811	54.524	9.787	0.10797	3.04003	2 X
K11U50U	16.6	0.15	K118R	301.449	321.640	133.260	2.232	0.07275	2.65563	4 X
K11U51U	17.4	0.15	K118R	355.354	208.821	177.892	3.352	0.20360	2.57014	2 X
K11U52J	16.2	0.15	K118R	41.680	257.741	75.263	6.646	0.18919	3.20889	6 X
K11U52Q	17.7	0.15	K118R	339.147	254.988	154.673	2.698	0.21850	2.38283	6 X
K11U52R	17.5	0.15	K118R	347.748	202.323	196.968	5.925	0.26924	2.60358	2 X
K11U52T	17.2	0.15	K118R	27.827	250.988	89.680	3.752	0.18417	2.29712	5 S
K11U52X	16.5	0.15	K118R	349.285	327.750	78.367	7.317	0.09800	3.09290	2 X
K11U53D	16.9	0.15	K118R	22.142	189.298	163.946	4.394	0.20449	2.68519	3 S
K11U54P	16.3	0.15	K118R	66.967	275.882	51.870	11.324	0.05308	3.12270	4 S
K11U54W	16.8	0.15	K118R	356.693	349.674	46.427	12.580	0.14314	2.81670	4 X
K11U55C	15.4	0.15	K118R	114.949	52.349	233.439	10.651	0.03255	3.18244	3 S
K11U55F	17.4	0.15	K118R	329.199	197.411	229.427	1.793	0.10926	2.31518	4 X
K11U55H	16.5	0.15	K118R	349.256	188.618	224.977	4.571	0.12958	3.16909	3 X
K11U55J	18.0	0.15	K118R	349.776	355.119	45.313	5.138	0.21443	2.42262	2 X
K11U55K	16.4	0.15	K118R	328.971	32.992	50.839	8.264	0.18163	3.19802	2 X
K11U55L	16.1	0.15	K118R	3.354	161.234	227.965	13.111	0.21698	2.98987	2 W
K11U56B	18.4	0.15	K118R	3.998	103.502	270.428	1.466	0.21323	2.39846	3 X
K11U56Q	18.0	0.15	K118R	316.551	184.051	251.611	2.551	0.10939	2.16491	4 X
K11U56S	15.2	0.15	K118R	152.025	5.646	239.785	8.452	0.01472	3.11618	7 S
K11U57Y	16.8	0.15	K118R	106.951	169.767	103.185	3.254	0.03707	2.89787	5 S
K11U58O	16.9	0.15	K118R	18.219	153.209	200.593	8.655	0.10610	2.97182	2 S
K11U59N	17.9	0.15	K118R	18.942	176.899	163.505	1.530	0.20091	2.45595	3 S
K11U59P	15.7	0.15	K118R	308.643	64.137	36.213	9.640	0.11207	3.46790	4 S
K11U59X	16.3	0.15	K118R	352.927	180.714	214.619	10.818	0.27813	3.07242	2 X
K11U61T	16.3	0.15	K118R	287.226	347.679	132.098	2.774	0.01759	2.69886	5 S
K11U64O	15.7	0.15	K118R	0.043	354.108	27.048	8.833	0.19269	4.00099	3 W
K11U66G	17.1	0.15	K118R	105.914	194.418	73.255	7.757	0.05013	2.69948	3 S
K11U66K	17.8	0.15	K118R	275.700	316.040	158.798	6.717	0.10446	2.69170	4 S
K11U67C	17.5	0.15	K118R	354.329	276.645	99.307	3.502	0.20980	2.37034	2 W
K11U70D	17.3	0.15	K118R	332.203	109.633	312.256	4.492	0.28234	2.58847	4 S
K11U70N	16.5	0.15	K118R	23.030	351.956	358.265	13.409	0.17304	2.61188	2 S
K11U70Y	18.1	0.15	K118R	288.515	110.439	338.892	4.491	0.03508	2.18467	5 S
K11U72Z	18.0	0.15	K118R	62.734	92.976	208.733	2.587	0.18384	2.28504	4 S
K11U74P	16.8	0.15	K118R	24.161	298.104	50.855	6.245	0.15837	3.11175	3 S
K11U75Z	16.3	0.15	K118R	53.861	72.800	239.683	12.976	0.20423	3.16558	4 S
K11U76H	17.3	0.15	K118R	34.154	28.664	316.125	3.460	0.08745	2.75754	4 S
K11U77A	16.7	0.15	K118R	294.992	155.026	300.278	3.663	0.02623	2.69183	5 S
K11U77J	17.7	0.15	K118R	97.446	353.386	282.687	4.180	0.11718	2.34743	3 S
K11U78S	16.7	0.15	K118R	330.826	164.881	256.284	4.189	0.10238	2.86491	4 S
K11U79J	17.0	0.15	K118R	328.597	86.864	335.182	2.964	0.05540	2.75462	2 W
K11U79Q	16.3	0.15	K118R	69.848	278.133	27.192	10.641	0.14816	3.11045	3 S
K11U80G	17.9	0.15	K118R	54.643	318.194	346.339	2.125	0.21850	2.31357	6 S
K11U80H	18.2	0.15	K118R	31.654	61.120	263.919	2.252	0.24285	2.21579	3 S
K11U80T	18.1	0.15	K118R	359.704	158.542	222.927	6.182	0.12310	2.27893	7 S
K11U81M	17.1	0.15	K118R	285.358	58.128	55.168	4.632	0.08274	2.60533	6 S

K11U82O	17.0	0.15	K118R	335.800	68.559	356.307	3.851	0.26988	2.56954	4 X
K11U84M	17.3	0.15	K118R	270.337	111.740	20.908	6.387	0.03608	2.59369	2 W
K11U85R	17.3	0.15	K118R	341.795	242.264	149.003	5.199	0.23695	2.38985	4 X
K11U86A	15.3	0.15	K118R	82.279	174.549	112.226	6.176	0.13769	3.37428	5 S
K11U86V	16.5	0.15	K118R	50.089	91.303	238.174	25.024	0.21995	2.58143	3 S
K11U87J	18.9	0.15	K118R	344.533	10.369	22.640	4.364	0.10680	2.17137	2 S
K11U92R	17.1	0.15	K118R	54.953	318.481	354.979	1.248	0.08088	3.02404	5 S
K11U93R	17.1	0.15	K118R	165.142	1.913	204.704	5.915	0.04778	2.42748	2 S
K11U94K	17.8	0.15	K118R	47.894	299.980	15.020	0.832	0.22753	2.30115	5 X
K11U94Z	16.1	0.15	K118R	276.120	266.234	206.348	9.859	0.09146	2.99647	2 S
K11U95H	18.0	0.15	K118R	266.166	338.322	144.672	0.514	0.11906	2.60023	3 S
K11U95K	18.2	0.15	K118R	335.154	245.322	158.752	0.898	0.20891	2.39987	6 S
K11U95U	17.8	0.15	K118R	295.265	260.591	183.912	1.785	0.03367	2.87165	2 W
K11U95X	16.7	0.15	K118R	8.114	305.105	59.377	1.088	0.08762	2.81167	4 S
K11U95Y	18.0	0.15	K118R	340.455	351.796	42.581	1.154	0.19329	2.33568	2 S
K11U96U	18.6	0.15	K118R	310.756	93.530	341.879	0.854	0.17597	2.31816	2 S
K11U97J	16.4	0.15	K118R	210.270	321.981	215.260	16.343	0.14603	3.11471	3 S
K11U97N	16.6	0.15	K118R	42.171	60.775	264.073	3.011	0.11499	3.08420	6 S
K11U99B	15.6	0.15	K118R	308.788	218.670	238.816	14.212	0.15496	3.20907	2 S
K11U99D	17.2	0.15	K118R	350.847	66.930	334.255	4.645	0.15842	3.06983	3 S
K11U99R	17.8	0.15	K118R	316.293	214.480	229.019	10.450	0.15356	2.66919	3 S
K11UA0D	18.1	0.15	K118R	299.319	221.121	242.489	1.072	0.15469	2.33335	2 S
K11UA0S	17.4	0.15	K118R	27.444	141.715	188.504	7.027	0.19113	2.58116	4 S
K11UA1D	17.0	0.15	K118R	25.338	303.754	39.402	13.536	0.07280	2.58045	3 S
K11UA1M	16.2	0.15	K118R	5.419	331.427	54.824	20.966	0.07690	2.80730	2 S
K11UA1R	18.0	0.15	K118R	321.084	307.570	127.529	3.457	0.10539	2.41328	4 S
K11UA2Q	15.8	0.15	K118R	142.102	2.228	239.882	10.570	0.20538	2.75761	2 S
K11UA2W	15.8	0.15	K118R	11.109	165.133	210.786	10.854	0.19069	2.98822	4 S
K11UA3N	16.6	0.15	K118R	0.776	15.083	9.720	4.673	0.27353	2.60053	7 X
K11UA5B	16.8	0.15	K118R	67.798	266.896	25.264	7.531	0.15492	3.13040	4 S
K11UA5E	17.4	0.15	K118R	113.829	231.184	44.609	7.056	0.13277	2.34615	3 S
K11UA5M	15.8	0.15	K118R	24.687	353.735	2.429	14.057	0.06507	2.59673	6 X
K11UA5X	17.3	0.15	K118R	12.274	297.990	59.240	4.501	0.15536	2.96395	2 S
K11UA5Y	16.7	0.15	K118R	270.218	276.997	195.309	8.409	0.03214	3.04467	6 S
K11UA6U	18.8	0.15	K118R	292.720	241.896	251.974	9.935	0.48142	1.82670	2 X
K11UA7A	18.5	0.15	K118R	57.036	126.399	167.243	15.272	0.24253	2.61038	2 S
K11UA7V	16.3	0.15	K118R	247.192	61.727	86.617	15.814	0.13964	3.18535	2 S
K11UA8D	16.6	0.15	K118R	5.493	278.541	79.628	5.822	0.19289	2.72861	3 S
K11UA8P	17.5	0.15	K118R	24.731	175.271	143.357	8.186	0.35415	2.32935	2 W
K11UB2H	17.7	0.15	K118R	68.759	242.741	42.243	3.746	0.14812	2.23488	2 S
K11UB2K	18.9	0.15	K118R	341.916	355.422	38.559	4.410	0.19416	2.58453	2 S
K11UB2P	17.4	0.15	K118R	271.871	286.860	214.035	5.285	0.17780	2.55704	2 S
K11UB2T	15.3	0.15	K118R	70.112	89.259	226.912	15.196	0.12362	3.16686	4 X
K11UB2Z	16.4	0.15	K118R	6.847	169.538	222.953	8.198	0.10062	3.17821	2 S
K11UB3O	17.3	0.15	K118R	28.756	284.699	68.255	7.679	0.13078	2.45138	2 S
K11UB3Y	18.2	0.15	K118R	16.902	153.172	216.857	4.309	0.13780	2.69488	2 S
K11UB4D	17.9	0.15	K118R	53.652	229.647	85.558	2.462	0.19140	2.41259	2 S
K11UB4H	18.3	0.15	K118R	6.166	195.838	189.039	2.776	0.17326	2.60201	2 S
K11UB4L	16.8	0.15	K118R	354.403	334.616	61.730	6.382	0.12633	2.30694	4 S
K11UB5S	15.7	0.15	K118R	87.395	284.017	1.349	9.676	0.06853	3.07947	6 X
K11UB5X	18.3	0.15	K118R	346.422	24.358	1.425	7.025	0.13743	2.29399	2 X
K11UB6E	18.0	0.15	K118R	316.273	313.748	109.651	5.651	0.21912	2.32875	3 S
K11UB6X	17.7	0.15	K118R	299.472	290.176	167.598	0.274	0.16768	2.41751	2 S
K11UB7E	16.8	0.15	K118R	298.121	248.639	194.698	3.613	0.07612	2.81233	2 S
K11UB7J	17.3	0.15	K118R	300.126	245.646	195.538	6.426	0.09562	2.35560	2 W
K11UB7Q	17.4	0.15	K118R	332.557	333.531	70.420	8.349	0.19701	2.35838	2 X
K11UB8Z	18.3	0.15	K118R	306.703	217.444	215.746	2.369	0.09785	2.42636	2 S

K11UC0M	16.6	0.15	K118R	1.138	8.398	4.821	4.422	0.12941	2.72263	5 S
K11UC0N	17.5	0.15	K118R	14.098	330.234	17.772	6.830	0.19564	2.40768	2 S
K11UC0Y	17.5	0.15	K118R	30.274	165.715	144.945	14.565	0.21680	2.31638	5 S
K11UC1D	15.3	0.15	K118R	14.638	50.878	293.126	8.736	0.08896	3.12292	2 W
K11UC1Z	16.2	0.15	K118R	45.010	273.882	60.855	5.872	0.15666	3.09541	6 S
K11UC2E	15.7	0.15	K118R	355.761	179.004	202.787	9.603	0.15835	3.13091	2 S
K11UC3D	17.3	0.15	K118R	347.789	196.320	191.785	2.440	0.20043	2.70872	3 S
K11UC3G	16.9	0.15	K118R	240.851	95.541	42.736	3.505	0.02301	2.73780	3 S
K11UC5B	16.0	0.15	K118R	278.911	268.720	203.264	10.165	0.10038	3.03900	2 S
K11UC6B	17.1	0.15	K118R	294.230	105.192	356.646	6.802	0.08332	2.57061	5 S
K11UC6J	17.6	0.15	K118R	317.521	158.356	285.482	4.169	0.22563	2.60766	4 S
K11UC6V	17.1	0.15	K118R	269.456	121.401	12.414	3.857	0.14774	2.36593	2 S
K11UD3Y	17.0	0.15	K118R	70.581	214.293	83.360	13.133	0.08477	2.65322	2 W
K11UD4L	16.5	0.15	K118R	77.371	258.913	47.420	8.308	0.07418	2.77023	5 S
K11UD4T	16.2	0.15	K118R	21.040	308.690	49.725	10.000	0.08605	3.13712	2 S
K11UD5L	17.4	0.15	K118R	0.604	61.378	295.494	5.218	0.12719	2.35579	2 W
K11UD8M	16.6	0.15	K118R	82.799	14.252	299.466	2.170	0.09400	3.10438	4 S
K11UD8O	18.0	0.15	K118R	1.264	38.818	323.716	4.049	0.30849	2.33216	2 S
K11UD9P	18.3	0.15	K118R	72.535	326.504	346.705	1.123	0.07103	2.31070	3 S
K11UD9R	16.4	0.15	K118R	237.285	131.257	53.344	6.948	0.24464	2.59152	4 S
K11UE0D	16.9	0.15	K118R	60.258	54.890	260.491	3.294	0.13921	3.00402	6 S
K11UE4V	14.7	0.15	K118R	310.035	197.580	249.319	25.781	0.10145	3.19288	3 S
K11UE5H	16.6	0.15	K118R	336.996	49.108	9.769	11.803	0.23570	2.98248	2 S
K11UE8P	18.6	0.15	K118R	356.380	141.568	237.643	3.184	0.16670	2.23671	2 S
K11UE8V	17.4	0.15	K118R	28.611	104.373	237.335	1.773	0.20086	2.68046	4 S
K11UE9J	16.3	0.15	K118R	26.025	137.218	211.109	11.312	0.18569	2.60106	2 X
K11UE9O	17.6	0.15	K118R	2.785	176.439	200.048	6.462	0.13362	2.30569	5 S
K11UF2P	17.2	0.15	K118R	341.234	178.430	216.904	5.903	0.18787	3.07280	2 S
K11UF3B	17.5	0.15	K118R	6.966	167.488	215.453	6.373	0.12287	2.31454	2 W
K11UF3K	15.9	0.15	K118R	335.626	198.555	233.810	9.148	0.07534	3.06352	3 S
K11UF3P	17.9	0.15	K118R	349.731	293.972	78.692	6.544	0.24254	2.37357	2 W
K11UF4Q	17.4	0.15	K118R	0.060	333.373	53.623	2.850	0.17677	2.30658	5 S
K11UF8D	17.1	0.15	K118R	329.962	241.198	182.935	20.215	0.20195	3.20273	3 X
K11UF8F	17.4	0.15	K118R	308.048	336.434	105.186	6.230	0.13135	2.30805	4 S
K11UF9Z	15.9	0.15	K118R	34.153	69.126	291.550	8.451	0.05707	3.08410	2 S
K11UG4C	17.6	0.15	K118R	356.606	197.644	180.352	10.209	0.29360	2.68378	2 S
K11UG4O	17.2	0.15	K118R	340.856	242.244	160.293	6.088	0.16937	2.30941	5 S
K11UG7D	16.5	0.15	K118R	52.103	333.142	325.834	9.975	0.11582	2.74749	2 S
K11UG7R	17.3	0.15	K118R	328.807	192.514	221.546	5.458	0.13231	2.94612	2 S
K11UG8K	17.7	0.15	K118R	37.289	105.417	192.358	11.103	0.19061	3.06574	3 S
K11UH2A	15.9	0.15	K118R	29.065	357.705	330.257	8.947	0.18835	3.08054	2 S
K11UH2B	16.7	0.15	K118R	336.884	58.122	346.413	7.043	0.18332	2.57267	2 S
K11UH3B	16.7	0.15	K118R	319.695	126.061	309.355	7.376	0.22464	2.77512	4 S
K11UH3O	16.5	0.15	K118R	49.731	182.066	148.974	6.464	0.02887	2.79327	2 W
K11UH3P	18.2	0.15	K118R	298.760	354.918	94.182	6.060	0.10311	2.32539	2 W
K11UH3S	15.5	0.15	K118R	182.249	8.813	195.156	17.254	0.05135	2.91563	3 S
K11UH5P	17.7	0.15	K118R	327.862	127.246	296.455	4.413	0.17182	2.46187	2 S
K11UH6A	17.1	0.15	K118R	77.015	289.460	348.994	6.621	0.16129	2.29876	2 S
K11UH6N	17.2	0.15	K118R	260.813	230.544	276.254	3.393	0.14180	2.59909	5 S
K11UI0Q	16.7	0.15	K118R	220.728	243.298	297.714	2.675	0.13805	2.63252	7 S
K11UI1P	17.2	0.15	K118R	56.106	280.439	32.570	8.492	0.19755	2.62049	5 S
K11UI1T	17.3	0.15	K118R	19.187	96.313	270.652	2.422	0.11189	2.81240	3 S
K11UI1U	16.6	0.15	K118R	28.863	313.372	39.478	11.831	0.15590	2.96544	3 X
K11UI2B	17.0	0.15	K118R	21.539	3.363	342.566	4.310	0.28218	2.59645	4 S
K11UI3C	18.5	0.15	K118R	29.113	13.897	325.207	3.052	0.24521	2.21121	2 S
K11UI3W	16.9	0.15	K118R	120.463	233.990	40.333	5.236	0.12338	2.60043	6 S
K11UI6C	16.6	0.15	K118R	21.886	284.569	71.605	12.558	0.12923	2.73202	2 S

K11UI6Y	17.8	0.15	K118R	39.714	193.869	131.330	5.094	0.15296	2.18979	3 S
K11UI7Q	15.8	0.15	K118R	3.487	236.366	141.418	6.949	0.10012	3.05952	9 S
K11UI7T	15.7	0.15	K118R	35.527	242.849	98.369	8.800	0.08874	3.20541	8 S
K11UI8Z	18.9	0.15	K118R	347.018	266.016	120.290	4.172	0.15341	2.15276	4 S
K11UI9D	17.4	0.15	K118R	350.720	247.538	140.787	3.621	0.25792	2.41929	4 S
K11UJ0G	16.3	0.15	K118R	326.272	35.114	32.963	15.169	0.09577	2.65671	2 S
K11UJ0K	16.4	0.15	K118R	12.879	274.093	84.343	15.242	0.13445	2.69752	3 X
K11UJ0L	15.9	0.15	K118R	340.279	6.960	53.854	29.571	0.11800	2.64955	3 S
K11UJ0P	16.7	0.15	K118R	339.212	336.620	54.481	13.147	0.20630	2.79939	2 S
K11UJ1J	16.2	0.15	K118R	314.589	216.180	217.485	9.817	0.18972	3.11297	5 S
K11UJ3F	16.8	0.15	K118R	350.765	183.316	213.810	8.570	0.13194	2.68937	2 X
K11UJ4C	16.3	0.15	K118R	337.204	312.804	97.907	12.376	0.17791	3.15472	2 X
K11UJ4U	17.6	0.15	K118R	15.148	250.125	78.820	5.866	0.19383	2.19817	6 S
K11UJ4Y	17.1	0.15	K118R	12.546	321.542	36.783	10.699	0.29026	2.39350	2 X
K11UJ5Z	16.2	0.15	K118R	150.706	313.795	286.743	4.328	0.11734	3.14335	3 S
K11UJ6D	16.7	0.15	K118R	32.352	345.490	358.662	4.712	0.14613	2.66850	2 S
K11UK2J	16.0	0.15	K118R	90.011	64.671	228.482	21.416	0.20738	3.05204	4 S
K11UK2T	18.2	0.15	K118R	17.246	215.804	143.615	1.521	0.20703	2.34370	4 S
K11UK3Q	17.6	0.15	K118R	351.006	315.463	94.188	3.311	0.06085	2.68850	2 S
K11UK5W	16.7	0.15	K118R	16.565	232.812	94.739	10.247	0.24293	2.47208	2 S
K11UK6V	16.3	0.15	K118R	66.360	244.622	44.694	26.822	0.24134	3.18366	2 S
K11UK6W	16.8	0.15	K118R	43.504	204.472	107.532	4.325	0.19753	2.30535	5 S
K11UK7F	16.5	0.15	K118R	103.386	241.803	18.519	14.949	0.15620	2.54051	2 X
K11UK8J	16.5	0.15	K118R	355.441	6.315	17.946	12.403	0.11059	3.04865	5 S
K11UL0M	19.3	0.15	K118R	339.018	106.949	289.337	2.657	0.19223	2.22481	3 W
K11UL1C	16.7	0.15	K118R	10.837	17.986	346.189	4.816	0.06584	2.78671	5 X
K11UL2L	16.0	0.15	K118R	325.915	42.200	14.511	15.275	0.05068	3.12354	4 S
K11UL6U	16.8	0.15	K118R	107.755	30.633	239.351	12.391	0.18549	2.62888	5 S
K11UM4A	17.6	0.15	K118R	36.720	278.323	46.700	2.806	0.13315	2.68126	2 S
K11UM8O	18.1	0.15	K118R	23.043	270.028	62.883	2.430	0.20577	2.57100	2 S
K11UM8Q	17.4	0.15	K118R	323.229	252.728	162.459	2.350	0.06050	2.86770	2 S
K11UM8T	15.9	0.15	K118R	63.126	266.968	33.915	17.337	0.10871	3.19823	3 S
K11UN1V	16.4	0.15	K118R	103.003	258.924	2.702	1.351	0.14417	3.12096	7 S
K11UN5K	16.2	0.15	K118R	119.919	351.027	273.829	4.445	0.12599	3.23965	3 S
K11UN5U	17.4	0.15	K118R	40.475	337.496	359.254	3.252	0.12167	2.65163	2 S
K11UN9K	16.9	0.15	K118R	44.187	295.469	47.158	14.438	0.13773	3.12657	2 X
K11UN9L	18.1	0.15	K118R	357.730	155.237	230.999	11.068	0.22658	2.49487	3 X
K11UO1F	17.5	0.15	K118R	4.578	140.576	222.262	3.574	0.12303	2.31769	6 S
K11UO1V	16.1	0.15	K118R	48.129	286.329	47.784	11.989	0.18605	3.12330	2 S
K11UO3N	17.2	0.15	K118R	10.827	318.886	46.990	5.552	0.21580	2.31066	4 X
K11UO4C	16.9	0.15	K118R	40.750	118.258	236.242	5.284	0.05288	2.72051	2 S
K11UO4G	18.2	0.15	K118R	318.590	198.833	230.482	19.969	0.05153	1.97664	4 X
K11UO4L	17.0	0.15	K118R	352.996	265.399	123.267	5.034	0.15112	2.65948	4 S
K11UO4Y	17.1	0.15	K118R	3.248	88.199	293.924	1.267	0.14473	3.11418	3 X
K11UO5L	15.1	0.15	K118R	298.612	273.790	199.069	12.900	0.26008	3.18255	2 S
K11UO6E	17.7	0.15	K118R	5.892	324.766	57.692	5.257	0.14189	2.56414	2 X
K11UO9G	16.4	0.15	K118R	44.783	286.362	56.814	19.555	0.15533	3.04520	5 S
K11UO9Q	17.3	0.15	K118R	13.438	296.128	74.609	0.760	0.20632	2.61179	7 X
K11UP0Y	16.5	0.15	K118R	350.444	343.194	70.243	13.514	0.09290	2.89795	5 X
K11UP6U	15.6	0.15	K118R	329.608	115.874	310.838	11.481	0.15405	3.14521	2 W
K11UP7Q	16.8	0.15	K118R	167.204	11.883	212.708	4.089	0.02637	2.79415	6 S
K11UP8G	18.1	0.15	K118R	326.118	55.664	17.585	5.274	0.09212	2.86406	2 W
K11UP8M	18.0	0.15	K118R	328.994	202.518	224.321	13.965	0.14895	2.53253	3 S
K11UP9D	17.2	0.15	K118R	22.056	343.668	21.742	6.418	0.09914	2.67512	4 S
K11UQ1D	17.4	0.15	K118R	313.365	198.897	235.268	19.049	0.07592	1.90907	2 S
K11UQ3E	16.6	0.15	K118R	15.797	129.041	251.436	1.736	0.25803	3.94905	2 S
K11UQ3Y	16.2	0.15	K118R	34.579	257.766	87.301	11.811	0.10141	2.74066	3 S

K11UQ3Z	16.3	0.15	K118R	316.056	5.202	76.093	14.304	0.13683	2.66371	2	S
K11UQ4M	17.2	0.15	K118R	11.199	225.470	132.319	6.902	0.14611	2.40451	7	S
K11UQ6E	15.8	0.15	K118R	23.386	315.268	62.386	9.334	0.09049	3.12216	5	S
K11UQ6F	17.3	0.15	K118R	50.782	267.832	65.650	5.603	0.15643	2.53694	3	S
K11UQ6X	18.0	0.15	K118R	62.699	242.125	62.657	22.178	0.07670	1.94386	2	S
K11UQ8F	16.0	0.15	K118R	334.124	346.906	78.082	8.828	0.15886	3.07744	3	S
K11UQ8M	16.8	0.15	K118R	354.241	29.871	1.872	8.027	0.21324	2.94224	3	S
K11UR0F	16.9	0.15	K118R	43.389	175.183	145.792	5.765	0.11579	2.74063	5	S
K11UR0H	16.8	0.15	K118R	42.437	191.578	126.454	6.014	0.15015	2.72806	2	S
K11UR4Q	15.4	0.15	K118R	14.335	126.250	246.611	7.941	0.10507	3.17612	4	S
K11UR4S	17.2	0.15	K118R	2.562	62.655	312.486	2.372	0.21368	2.62467	2	S
K11UR4X	17.8	0.15	K118R	353.230	49.290	333.675	1.338	0.16953	2.17199	2	S
K11US0L	15.9	0.15	K118R	18.197	254.830	116.726	8.286	0.08057	3.02570	3	S
K11US0Q	18.0	0.15	K118R	317.142	169.934	265.290	4.480	0.18497	2.34101	4	S
K11US1E	16.6	0.15	K118R	336.706	295.512	117.508	4.951	0.17578	2.33837	2	S
K11US2F	17.1	0.15	K118R	200.333	251.931	302.312	2.476	0.01558	2.72319	3	S
K11US3D	16.1	0.15	K118R	92.367	205.825	87.885	6.281	0.15134	3.16891	4	S
K11US3N	17.3	0.15	K118R	307.986	6.492	90.071	6.171	0.12215	2.74711	4	S
K11US3O	17.4	0.15	K118R	319.244	297.930	142.471	4.151	0.12363	2.54934	4	S
K11US3X	17.1	0.15	K118R	13.197	176.835	184.725	7.179	0.13755	2.33687	2	S
K11US5H	16.5	0.15	K118R	19.725	201.720	135.545	12.439	0.17578	3.07219	3	S
K11US5T	16.9	0.15	K118R	242.112	58.997	87.542	3.829	0.12141	2.73394	4	S
K11US5V	16.7	0.15	K118R	39.248	228.593	102.128	3.205	0.07335	2.85108	3	S
K11US8E	16.0	0.15	K118R	311.911	212.874	234.115	11.967	0.15258	2.66549	2	S
K11US9W	15.9	0.15	K118R	256.282	295.758	191.083	19.600	0.07242	3.17522	2	S
K11UT0A	17.9	0.15	K118R	18.114	220.771	125.540	7.467	0.13293	2.30335	3	S
K11UU0T	17.1	0.15	K118R	21.842	358.367	350.051	9.710	0.21407	2.58889	2	S
PLS6883	17.2	0.15	K118R	335.884	249.544	162.024	5.283	0.18934	2.36171	4	X

New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K11K17P	19.1	0.15	K118R	356.241	179.718	169.089	6.591	0.55166	1.95116	174	X
K11N00K	17.5	0.15	K118R	357.773	27.923	350.659	5.055	0.33260	2.57636	125	X
K11N01Z	17.3	0.15	K118R	7.628	214.851	140.272	13.648	0.32193	3.05723	121	X
K11P01T	20.3	0.15	K118R	351.360	358.184	354.879	13.071	0.31498	1.61275	90	X
K11R12R	19.3	0.15	K118R	346.165	182.415	195.075	7.083	0.32708	1.73783	56	X
K11S69R	20.0	0.15	K118R	333.798	206.761	227.468	5.839	0.54898	2.41005	40	X
K11SC0J	17.0	0.15	K118R	358.571	181.542	201.114	20.951	0.53146	3.18628	38	X
K11SH3D	19.5	0.15	K118R	56.259	59.260	203.280	4.392	0.49712	1.65266	40	X
K11SN3C	16.6	0.15	K118R	345.574	218.153	182.353	5.595	0.26675	2.60090	123	X
K11T04A	20.6	0.15	K118R	348.529	20.751	11.747	19.738	0.65115	3.09071	31	X
K11T09N	21.4	0.15	K118R	347.470	162.901	199.282	4.100	0.45091	1.89824	19	X
K11T12A	15.7	0.15	K118R	357.444	169.406	206.630	11.553	0.06388	3.19855	42	S
K11U10K	25.1	0.15	K118R	0.850	125.935	196.936	6.053	0.26152	1.23545	16	X
K11U20Y	17.3	0.15	K118R	347.616	222.700	179.088	11.482	0.32441	2.59523	123	X
K11U21D	28.5	0.15	K118R	13.532	279.994	37.394	0.574	0.02944	1.01077	15	X
K11U21F	19.8	0.15	K118R	53.974	65.592	191.355	21.296	0.40469	1.51586	15	X
K11U21L	15.7	0.15	K118R	319.499	284.993	275.569	34.846	0.65103	2.10504	17	X
K11U63P	23.9	0.15	K118R	229.407	94.044	29.671	11.246	0.12007	1.07553	14	X
K11U63S	17.9	0.15	K118R	330.092	242.134	251.162	20.575	0.77722	3.03259	13	X
K11U63Y	22.2	0.15	K118R	250.592	125.315	20.547	21.750	0.41118	1.25321	13	X
K11U91S	22.3	0.15	K118R	42.312	245.887	22.013	29.319	0.23924	1.03580	11	X
K11U91T	23.1	0.15	K118R	280.332	246.956	231.703	13.557	0.40894	1.36092	12	X
K11UB4W	21.9	0.15	K118R	348.926	172.959	214.271	5.935	0.54471	2.68769	11	X
K11UB4X	22.5	0.15	K118R	344.168	215.061	186.437	5.933	0.53176	2.50891	11	X
K11UD1A	18.0	0.15	K118R	39.897	72.527	215.577	24.938	0.59304	2.57318	11	X
K11UE7L	21.8	0.15	K118R	329.728	199.017	231.878	4.654	0.47143	2.28662	10	X

K11UE7M	18.8	0.15	K118R	17.635	63.108	250.501	6.433	0.53311	2.66887	10 X
K11UF8U	19.6	0.15	K118R	355.586	283.844	80.175	8.809	0.40024	2.13810	14 X
K11UF8V	22.2	0.15	K118R	302.541	118.587	6.326	5.599	0.49465	1.80386	10 X
K11UF8W	19.4	0.15	K118R	38.234	8.630	286.434	4.635	0.37455	1.61762	9 X
K11UG9H	21.3	0.15	K118R	352.528	353.199	28.152	11.063	0.53113	2.69453	9 X
K11UG9J	25.2	0.15	K118R	324.792	350.651	36.172	10.569	0.21954	1.33065	7 X
K11UG9M	25.1	0.15	K118R	354.512	114.859	210.880	6.254	0.52677	1.70474	7 X
K11UJ0B	24.2	0.15	K118R	2.108	107.158	218.330	14.539	0.26370	1.25755	9 X
K11UJ2S	18.7	0.15	K118R	320.891	43.654	26.265	8.830	0.21216	2.28108	43 S
K11UJ2V	18.3	0.15	K118R	34.808	258.403	50.727	18.240	0.48938	2.75161	9 X
K11UJ2Y	24.5	0.15	K118R	259.624	100.430	42.536	4.821	0.42981	1.20462	8 X
K11UJ3A	24.7	0.15	K118R	344.149	180.527	215.174	11.944	0.58963	2.49916	6 X
K11UK9B	16.8	0.15	K118R	9.131	25.882	332.007	4.302	0.24302	2.97643	38 S
K11UM9G	19.0	0.15	K118R	13.477	290.813	51.987	3.235	0.22519	2.40230	44 S
K11UN9P	18.0	0.15	K118R	340.647	87.979	323.479	0.737	0.18139	2.36157	40 X
K11UP5Y	22.7	0.15	K118R	278.884	275.908	192.443	8.067	0.31965	1.35117	4 X
K11UP5Z	23.6	0.15	K118R	353.305	124.771	213.772	3.451	0.57991	2.04119	4 X
K11UP6G	20.1	0.15	K118R	357.022	133.053	222.765	26.556	0.35801	1.98903	3 X
K11UR5Z	22.9	0.15	K118R	310.798	352.053	52.061	8.503	0.18727	1.28631	3 X
K11UR6A	24.9	0.15	K118R	321.149	15.458	41.509	10.088	0.35744	1.67562	3 X
K11UR6B	23.1	0.15	K118R	288.994	69.894	39.577	19.456	0.37841	1.50253	3 X
K11UU5E	21.4	0.15	K118R	352.313	52.196	304.508	4.833	0.68569	2.49631	4 S
K11V00P	16.9	0.15	K118R	10.343	286.553	78.095	8.262	0.24216	3.02311	2 S

New one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc C
K09D00F	17.6	0.15	K092I	344.114	290.774	235.452	3.102	0.10824	2.38327	4 W
K10V83D	15.6	0.15	K10AV	106.261	55.379	235.244	18.497	0.11573	3.09708	16 S
K11BE4M	18.3	0.15	K111J	57.353	78.660	336.681	3.197	0.13340	2.53233	43 S
K11CA8Y	18.3	0.15	K1128	303.914	22.648	201.562	3.779	0.14698	2.68508	35 S
K11O45P	16.8	0.15	K116S	333.131	231.182	99.782	11.486	0.21229	3.14041	38 S
K11O58O	15.3	0.15	K118R	354.123	279.901	87.325	26.383	0.31261	3.17398	90 S
K11Q50G	19.2	0.15	K119G	356.765	98.771	269.957	8.401	0.46454	2.76335	63 S
K11Q69D	17.9	0.15	K118R	346.583	32.419	324.313	3.445	0.15891	2.44644	29 S
K11Q72O	17.5	0.15	K118R	358.367	138.703	203.214	7.726	0.22273	2.79560	27 S
K11Q92H	18.4	0.15	K118R	309.741	127.632	277.745	5.827	0.12439	2.33660	20 S
K11R11E	16.8	0.15	K119G	356.183	166.746	203.929	17.882	0.18931	3.12875	59 S
K11S12U	20.2	0.15	K118R	42.008	316.410	340.146	19.748	0.05983	1.92718	24 S
K11S25L	19.5	0.15	K11A6	318.326	53.255	9.435	21.494	0.11453	1.52376	42 S
K11S25M	17.5	0.15	K11A6	355.856	265.310	121.102	8.563	0.23780	2.78146	46 S
K11S29L	17.8	0.15	K1187	10.522	335.198	357.156	1.027	0.19985	2.40837	135 S
K11S29Y	18.3	0.15	K11A6	26.708	316.385	28.499	4.538	0.23252	2.24516	43 X
K11S32N	17.5	0.15	K11A6	357.214	42.237	348.674	8.725	0.49290	3.04273	42 S
K11S35H	17.8	0.15	K11A6	333.585	16.278	40.120	1.987	0.17677	2.37266	44 X
K11S36L	19.3	0.15	K11A6	58.135	264.056	33.952	6.545	0.21793	2.20658	44 X
K11S36V	18.9	0.15	K11A6	332.397	22.447	38.597	6.323	0.20328	2.28665	44 X
K11S37Q	17.5	0.15	K11A6	39.521	314.837	21.434	20.352	0.09337	1.97653	43 S
K11S40F	17.9	0.15	K119G	8.006	186.702	168.147	6.895	0.14343	2.35379	50 X
K11S40Z	18.0	0.15	K11A6	356.766	19.024	349.185	13.618	0.27135	2.69399	44 S
K11S53H	17.2	0.15	K11A6	42.746	308.967	9.630	14.455	0.11538	2.63017	55 S
K11S53O	17.6	0.15	K11A6	358.237	32.267	353.458	15.680	0.29976	2.76914	38 S
K11S57O	17.4	0.15	K11A6	20.595	157.272	208.353	3.674	0.24231	2.58163	40 X
K11S66P	17.4	0.15	K11A6	348.155	62.595	333.639	11.236	0.26009	2.40439	43 S
K11S67A	17.5	0.15	K11A6	357.022	160.686	223.920	1.912	0.20302	2.40404	42 S
K11S67P	18.4	0.15	K11A6	7.950	350.001	9.343	6.148	0.20831	2.18939	55 S
K11S85E	17.6	0.15	K11A6	348.289	217.561	194.068	16.962	0.28973	2.66607	43 S
K11S85V	17.6	0.15	K11A6	13.708	315.445	43.642	7.232	0.32235	2.64264	43 X

K11S88E	16.9	0.15	K118R	57.399	288.617	5.827	14.014	0.17813	2.59174	104	S
K11S90Z	17.6	0.15	K11A6	35.012	120.333	204.492	5.965	0.23609	2.39053	42	X
K11SA2T	16.9	0.15	K119G	40.299	290.745	4.713	7.924	0.21913	2.31142	17	S
K11SA5V	17.6	0.15	K11A6	10.179	347.747	34.270	14.867	0.26075	2.66524	41	X
K11SA6P	17.5	0.15	K1187	359.161	113.277	239.958	6.982	0.14193	2.32514	134	S
K11SA7B	17.4	0.15	K11A6	5.268	338.200	31.656	7.340	0.23165	2.64406	44	X
K11SB0F	18.5	0.15	K119G	358.632	356.502	0.896	15.873	0.20824	2.42655	37	S
K11SB2D	18.0	0.15	K119G	349.731	133.847	243.845	11.011	0.23522	2.41364	64	X
K11SB2X	18.0	0.15	K11A6	34.578	289.849	42.533	7.189	0.17965	2.25729	45	X
K11SB6T	18.9	0.15	K11A6	3.075	0.615	18.387	7.309	0.26717	2.24182	42	S
K11SC3F	17.9	0.15	K11A6	340.538	227.551	201.677	10.250	0.32038	2.70385	43	S
K11SC3H	19.4	0.15	K11A6	307.915	244.470	191.358	22.403	0.09872	1.80008	34	S
K11SC5W	17.6	0.15	K11A6	28.472	321.218	33.605	14.924	0.13820	2.61502	40	S
K11SC7N	15.9	0.15	K11A6	292.576	67.677	27.185	18.654	0.05743	3.12873	44	X
K11SC7Z	18.4	0.15	K11A6	321.612	34.619	34.655	4.805	0.13268	2.27345	44	X
K11SC8M	16.9	0.15	K11A6	27.768	147.489	200.818	15.384	0.19185	2.67144	37	S
K11SC8U	17.2	0.15	K11A6	16.970	328.745	31.505	12.456	0.11779	3.11578	44	X
K11SD0G	17.0	0.15	K11A6	250.689	120.567	30.843	17.406	0.18688	2.78455	41	X
K11SD0R	17.8	0.15	K11A6	359.271	196.773	186.452	13.596	0.25152	2.66112	44	S
K11SD1L	16.3	0.15	K11A6	307.845	75.173	27.014	26.479	0.27029	3.18006	41	X
K11SD1T	16.5	0.15	K11A6	310.912	46.447	37.802	10.193	0.03316	2.71014	41	X
K11SD9T	16.2	0.15	K11A6	342.881	28.399	17.549	5.494	0.20189	3.92343	43	X
K11SE0G	17.3	0.15	K11A6	33.556	310.869	30.520	2.032	0.06653	2.96395	44	X
K11SE0U	17.4	0.15	K11A6	1.743	346.315	29.815	1.702	0.24852	3.05803	43	X
K11SE1J	17.8	0.15	K11A6	11.847	166.918	195.482	3.233	0.19011	3.09239	41	X
K11SE1T	17.5	0.15	K11A6	30.869	298.743	36.534	1.232	0.19200	3.06998	41	X
K11SE2H	17.1	0.15	K11A6	23.097	155.578	197.711	1.770	0.09406	3.07263	41	X
K11SE4O	17.3	0.15	K11A6	305.220	59.068	21.273	8.895	0.15360	2.80034	37	S
K11SE6E	16.0	0.15	K11A6	13.963	157.667	207.844	8.789	0.09336	3.16360	38	X
K11SF8J	17.7	0.15	K11A6	22.221	86.062	249.564	2.033	0.21983	2.42788	43	S
K11SF8T	16.3	0.15	K11A6	328.732	57.019	30.376	30.884	0.27572	2.67022	42	S
K11SG4B	18.1	0.15	K11A6	22.902	337.827	24.073	20.923	0.06569	1.94866	42	S
K11SG4P	19.4	0.15	K11A6	356.018	337.306	48.728	2.039	0.20269	2.34738	41	X
K11SG4V	18.6	0.15	K11A6	32.005	295.751	35.357	4.082	0.22501	2.33681	41	X
K11SG4Y	18.8	0.15	K11A6	27.726	316.680	28.806	7.034	0.13301	2.32483	41	X
K11SG5E	17.7	0.15	K11A6	12.178	331.776	33.655	6.937	0.13125	2.34361	44	X
K11SG5K	18.4	0.15	K11A6	67.342	221.202	77.272	1.962	0.14405	2.25037	43	X
K11SG5N	16.8	0.15	K11A6	9.420	38.830	315.790	11.451	0.21047	3.01803	43	X
K11SG5Z	17.3	0.15	K11A6	15.112	146.206	213.992	13.293	0.28032	2.65777	38	X
K11SG6C	16.4	0.15	K119G	13.430	346.422	9.755	10.306	0.12007	3.13917	33	S
K11SG8P	17.7	0.15	K11A6	58.367	78.656	221.804	1.852	0.18720	2.35341	36	X
K11SG8X	17.0	0.15	K11A6	340.399	198.827	205.419	4.913	0.12200	2.72361	36	X
K11SG8Y	18.6	0.15	K11A6	338.908	128.302	281.005	0.548	0.18934	2.39079	43	X
K11SG9H	19.0	0.15	K11A6	1.685	9.928	5.609	1.398	0.18963	2.39936	36	X
K11SG9K	17.8	0.15	K11A6	4.970	182.692	188.836	0.749	0.19582	3.06662	36	X
K11SH0D	18.6	0.15	K11A6	11.603	172.564	189.068	2.054	0.20434	2.41417	36	X
K11SH0M	18.3	0.15	K11A6	17.138	35.640	328.468	0.938	0.16867	2.42426	35	S
K11SH0U	16.5	0.15	K11A6	331.047	210.644	218.698	8.246	0.12005	3.08064	36	X
K11SH1L	18.8	0.15	K11A6	346.312	113.445	293.777	1.943	0.15043	2.30328	35	S
K11SH2Q	17.1	0.15	K11A6	30.351	140.317	215.185	11.047	0.08465	2.56848	36	X
K11SH2Z	16.9	0.15	K11A6	12.821	152.899	215.368	1.832	0.26641	3.05437	32	X
K11SH5R	18.7	0.15	K119G	332.364	1.307	44.252	2.024	0.18531	2.37425	48	S
K11SH6B	18.2	0.15	K11A6	352.135	207.911	179.112	9.085	0.27727	2.66632	38	X
K11SH6D	18.0	0.15	K11A6	13.330	143.507	198.663	5.583	0.37988	3.05553	36	S
K11SH8R	17.4	0.15	K11A6	350.187	187.918	207.547	15.907	0.18633	3.07942	38	X
K11SI0E	16.7	0.15	K11A6	51.725	113.979	212.030	6.275	0.05562	2.72162	38	X
K11SJ2D	18.9	0.15	K11A6	318.263	40.651	38.403	23.147	0.14589	1.88318	40	S

K11SL0B	17.7	0.15	K11A6	17.049	216.093	140.005	6.959	0.14580	2.36403	42	S
K11SL1V	17.0	0.15	K11A6	346.576	172.488	223.944	2.226	0.09572	2.73715	43	X
K11SL3D	18.3	0.15	K11A6	1.604	56.749	320.374	0.585	0.19533	2.40538	43	X
K11SL3E	16.7	0.15	K11A6	21.437	155.255	201.438	6.094	0.07153	2.79798	43	X
K11SL4Z	17.7	0.15	K11A6	10.850	198.126	170.899	4.471	0.21526	2.35410	42	S
K11SL5F	17.0	0.15	K11A6	359.019	8.272	25.665	18.959	0.32675	3.10385	42	S
K11SL8B	17.7	0.15	K11A6	19.875	231.618	107.829	6.812	0.35903	2.58724	38	S
K11SM1N	18.4	0.15	K11A6	335.978	29.738	14.135	6.754	0.14309	2.22086	55	S
K11SM3V	17.9	0.15	K119G	5.752	337.252	24.523	5.217	0.16562	2.79175	30	S
K11SN0V	17.1	0.15	K11A6	332.632	198.169	226.913	3.815	0.08690	2.77897	31	X
K11SN1Y	18.4	0.15	K11A6	327.915	323.015	92.052	7.537	0.11852	2.55933	31	S
K11SN4F	18.1	0.15	K11A6	22.302	336.965	357.091	17.264	0.26311	2.41082	44	X
K11SN4H	16.5	0.15	K11A6	316.045	222.051	191.631	9.692	0.14666	3.06840	24	S
K11SN5F	16.9	0.15	K11A6	252.278	224.412	260.644	10.579	0.10329	2.58176	39	S
K11SN5R	16.0	0.15	K11A6	208.286	253.129	288.510	8.912	0.06294	2.65631	25	S
K11SN6A	17.1	0.15	K11A6	1.229	126.802	259.935	6.953	0.17797	2.44670	31	S
K11SO6N	16.8	0.15	K11A6	357.138	205.563	191.945	13.438	0.24844	2.59574	43	S
K11SO6Q	16.8	0.15	K11A6	80.559	308.918	335.312	11.208	0.10304	3.14946	20	S
K11SO7V	18.0	0.15	K11A6	2.632	168.449	215.593	4.139	0.21091	2.24691	34	S
K11SO9O	16.7	0.15	K11A6	5.072	303.283	76.237	10.666	0.11346	3.12962	35	S
K11SO9S	17.0	0.15	K11A6	193.596	262.287	287.347	18.044	0.09962	1.91612	40	S
K11T01Y	17.2	0.15	K11A6	322.287	126.448	293.083	9.063	0.14197	2.54818	43	X
K11T02V	17.0	0.15	K11A6	335.499	63.101	4.529	30.460	0.24932	2.61172	32	S
K11T04K	18.0	0.15	K11A6	353.152	322.783	71.008	12.689	0.28133	2.79631	39	S
K11T04Q	16.5	0.15	K1187	0.342	181.389	167.888	11.606	0.15411	3.05147	104	S
K11T05F	15.6	0.15	K11A6	17.159	116.234	246.644	15.277	0.22225	3.11039	28	S
K11T05U	16.8	0.15	K11A6	6.719	185.954	202.938	7.767	0.14404	2.75040	30	S
K11T06N	19.0	0.15	K119G	37.375	203.167	104.703	2.426	0.19524	2.18511	29	S
K11T07A	16.8	0.15	K11A6	121.620	248.871	347.431	14.893	0.23159	2.76270	20	S
K11T07S	18.1	0.15	K11A6	352.840	76.972	322.168	1.170	0.21815	2.63489	31	S
K11T08W	18.3	0.15	K11A6	20.881	32.564	296.087	4.257	0.45672	2.42095	28	S
K11T09A	15.9	0.15	K118R	16.923	163.836	184.642	5.622	0.06374	2.75341	127	S
K11T09P	17.9	0.15	K11A6	323.070	189.656	233.551	4.677	0.17525	2.38575	18	S
K11T09T	16.1	0.15	K11A6	5.235	131.668	242.881	14.915	0.37967	3.05172	28	S
K11T11M	17.8	0.15	K11A6	22.983	336.364	3.292	4.704	0.17315	2.99536	30	S
K11T13J	17.2	0.15	K11A6	356.923	182.967	213.454	13.598	0.25532	2.59855	27	S
K11U00K	17.7	0.15	K11A6	64.787	157.057	147.495	11.469	0.15558	2.59810	18	S
K11U01J	15.9	0.15	K11A6	0.453	156.028	234.327	8.753	0.10259	3.08340	15	S
K11U02A	17.9	0.15	K11A6	50.144	67.955	243.439	2.863	0.24137	2.36335	39	S
K11U02F	17.4	0.15	K11A6	82.575	252.563	30.597	7.754	0.13516	2.63039	44	S
K11U02H	17.8	0.15	K11A6	35.381	103.525	238.821	5.500	0.13761	2.28440	32	S
K11U02K	16.9	0.15	K11A6	10.922	141.656	229.630	8.785	0.22183	2.74849	32	S
K11U02Y	16.9	0.15	K119G	352.758	165.756	226.235	15.312	0.31065	3.05859	61	S
K11U03L	18.5	0.15	K11A6	336.704	176.033	247.553	1.715	0.23368	2.36205	32	S
K11U03O	17.7	0.15	K11A6	6.530	351.905	19.852	5.492	0.20701	2.39241	40	S
K11U03X	18.0	0.15	K11A6	339.275	39.911	358.429	11.949	0.30154	2.64252	41	S
K11U05B	19.5	0.15	K11A6	15.420	136.909	217.516	2.314	0.19883	2.17076	35	S
K11U05J	18.6	0.15	K11A6	306.018	225.912	221.845	5.459	0.13956	2.28310	21	S
K11U07B	16.7	0.15	K11A6	348.952	195.902	218.169	8.739	0.08342	3.11961	14	X
K11U08Q	16.4	0.15	K11AQ	21.495	313.596	67.587	0.912	0.12505	3.07977	15	S
K11U08W	17.6	0.15	K11AQ	349.625	198.992	220.691	7.367	0.18930	2.31456	15	S
K11U08Y	18.7	0.15	K11A6	31.068	134.997	212.421	1.765	0.21770	2.19469	37	S
K11U09V	18.2	0.15	K11A6	7.979	351.786	32.706	1.771	0.18706	2.42380	39	S
K11U10A	15.9	0.15	K11AQ	54.264	90.430	237.553	14.876	0.24264	3.15612	16	X
K11U12Z	18.0	0.15	K11A6	7.544	350.090	32.054	3.477	0.10425	2.58272	14	X
K11U13A	17.4	0.15	K11A6	349.664	11.602	37.394	6.045	0.24164	3.11410	37	X
K11U13G	17.9	0.15	K11A6	344.499	23.023	34.062	10.349	0.29830	2.74046	43	S

K11U13L	16.7	0.15	K11A6	344.575	7.723	46.898	4.944	0.20158	2.78987	33	X
K11U13M	17.3	0.15	K11A6	73.852	259.349	42.006	9.919	0.15862	2.65242	14	X
K11U14J	16.8	0.15	K11A6	155.039	341.479	248.004	9.061	0.06461	2.65554	20	S
K11U14Z	16.2	0.15	K11A6	10.589	83.131	305.019	5.115	0.02984	2.71899	16	S
K11U15B	17.2	0.15	K11A6	29.118	338.196	15.283	8.790	0.21463	2.94230	16	S
K11U15C	19.6	0.15	K11A6	12.505	110.702	265.141	4.399	0.14388	2.15481	16	S
K11U15D	18.8	0.15	K11A6	45.014	6.513	320.065	3.323	0.22751	2.21659	16	S
K11U16N	15.7	0.15	K11A6	264.212	295.229	230.274	21.966	0.20285	3.20975	36	S
K11U16O	17.9	0.15	K11A6	33.872	311.153	35.881	12.257	0.20210	2.56054	39	S
K11U16X	18.4	0.15	K11A6	302.636	68.501	40.062	6.698	0.11771	2.23604	12	X
K11U17D	16.7	0.15	K11A6	345.128	181.067	240.279	9.139	0.11207	3.04313	55	S
K11U17K	18.7	0.15	K11A6	347.997	189.273	229.052	4.955	0.31639	2.60999	35	X
K11U18T	17.1	0.15	K11A6	8.909	305.463	64.208	7.628	0.15005	3.21667	36	S
K11U19X	17.1	0.15	K11AQ	354.770	203.272	213.059	12.564	0.31065	3.05777	13	S
K11U20B	18.2	0.15	K11A6	8.392	198.558	186.908	4.038	0.25029	2.60021	37	S
K11U20K	18.5	0.15	K11AQ	23.944	308.987	43.629	24.552	0.19044	1.89690	16	S
K11U20Z	17.7	0.15	K11A6	308.605	37.188	40.217	23.604	0.17115	1.90094	12	S
K11U22K	16.3	0.15	K11A6	13.390	9.250	357.155	9.444	0.17775	3.05901	35	S
K11U23H	16.9	0.15	K11A6	244.569	64.663	88.509	13.252	0.11898	2.79868	27	S
K11U23V	17.0	0.15	K11A6	49.405	103.908	221.307	20.136	0.18292	3.04699	13	X
K11U24B	17.5	0.15	K11A6	340.063	106.568	314.516	1.349	0.20095	2.64544	34	S
K11U25A	17.6	0.15	K11A6	54.431	55.722	256.603	1.752	0.21683	2.43605	35	S
K11U25U	16.6	0.15	K11A6	359.883	251.584	145.288	0.882	0.04579	3.10006	16	S
K11U25Z	16.7	0.15	K11A6	342.862	202.933	216.191	12.235	0.14606	3.09904	16	S
K11U26D	16.2	0.15	K11A6	308.873	257.147	213.421	14.829	0.21029	3.14266	41	S
K11U26N	18.4	0.15	K11AQ	310.874	59.021	39.631	20.820	0.10776	1.95716	17	S
K11U26Q	15.6	0.15	K119G	323.386	32.081	48.286	12.119	0.12663	3.06707	56	S
K11U26V	15.9	0.15	K11A6	64.210	96.803	212.414	14.640	0.20742	3.12215	42	S
K11U26W	17.9	0.15	K11A6	354.820	309.298	89.933	2.262	0.25732	2.64294	40	S
K11U27C	17.5	0.15	K11A6	344.608	4.422	50.579	9.072	0.16624	2.74287	16	S
K11U27D	18.0	0.15	K11A6	347.731	349.481	60.450	3.828	0.22334	2.44788	40	S
K11U27L	18.0	0.15	K11A6	356.227	273.549	123.548	2.102	0.13950	2.40315	16	S
K11U27Q	17.4	0.15	K11A6	9.341	332.569	49.120	12.818	0.15166	2.70305	16	S
K11U27Z	18.9	0.15	K11A6	287.450	215.945	267.121	6.674	0.12079	2.30557	16	S
K11U28R	18.1	0.15	K11A6	3.609	131.660	260.536	6.053	0.13946	2.33720	16	S
K11U28T	17.9	0.15	K11A6	316.162	127.616	327.577	3.849	0.15261	2.65309	16	S
K11U28Y	15.9	0.15	K11A6	33.391	58.286	306.547	4.245	0.05925	3.24494	16	S
K11U29E	16.6	0.15	K11A6	262.636	254.533	255.232	8.588	0.07918	3.16142	16	S
K11U30B	17.5	0.15	K11AQ	310.493	259.167	220.297	11.833	0.20611	2.68228	15	S
K11U30D	17.9	0.15	K11A6	37.281	149.551	199.736	3.657	0.16939	2.39794	40	S
K11U30F	16.3	0.15	K11AQ	56.152	276.397	55.165	12.703	0.19616	2.67770	15	X
K11U30G	15.7	0.15	K11A6	5.726	178.484	220.747	10.438	0.10109	3.05968	40	X
K11U30H	17.3	0.15	K11AQ	23.473	151.392	221.782	12.844	0.20228	2.72219	15	X
K11U30O	16.8	0.15	K11A6	324.820	226.665	227.806	15.135	0.16554	3.09570	36	X
K11U30T	18.6	0.15	K11AQ	352.301	207.227	211.684	4.658	0.24252	2.55463	15	S
K11U30U	16.3	0.15	K11AQ	53.935	291.509	52.719	10.927	0.10534	2.64118	15	S
K11U31E	14.7	0.15	K11AQ	30.572	323.007	53.535	12.321	0.04223	3.10276	15	S
K11U31V	15.1	0.15	K11A6	343.717	112.182	287.574	9.376	0.01542	3.18514	38	S
K11U33A	16.7	0.15	K11A6	50.031	74.200	235.279	11.473	0.19787	2.74885	32	S
K11U33N	16.9	0.15	K11A6	9.395	350.124	21.825	11.014	0.22346	3.14755	39	S
K11U33Z	18.8	0.15	K11A6	356.530	182.511	219.298	18.364	0.29390	2.61999	29	S
K11U35P	19.5	0.15	K11AQ	37.779	290.333	63.863	6.374	0.18703	2.30931	14	S
K11U35Y	17.5	0.15	K11AQ	19.995	322.497	59.366	5.993	0.16740	2.73313	15	S
K11U36J	17.3	0.15	K11A6	18.990	167.358	214.189	8.229	0.13781	3.02830	39	S
K11U36T	17.9	0.15	K11AQ	21.273	300.278	75.262	2.516	0.19134	2.38802	14	S
K11U36V	17.0	0.15	K11AQ	42.270	298.396	53.274	14.820	0.16694	2.61378	15	S
K11U37A	16.7	0.15	K11AQ	26.613	316.742	54.020	17.322	0.19967	3.08895	15	X

K11U37F	18.8	0.15	K11AQ	0.623	189.021	217.074	7.266	0.13354	2.22543	14	S
K11U37M	17.5	0.15	K11A6	12.031	121.824	239.276	12.430	0.29897	3.14932	27	S
K11U37O	17.2	0.15	K11A6	350.316	30.313	24.885	15.395	0.29106	3.15488	34	S
K11U37Z	17.1	0.15	K11AQ	85.023	270.811	32.849	13.075	0.15672	2.64054	13	S
K11U38C	16.0	0.15	K11A6	248.973	141.235	20.065	8.229	0.06302	3.09048	33	S
K11U38N	17.6	0.15	K11AQ	21.986	302.941	69.166	3.849	0.20368	2.37848	13	S
K11U38Q	15.9	0.15	K11AQ	27.922	315.525	58.341	10.039	0.10457	3.04105	13	S
K11U39P	16.9	0.15	K11A6	319.584	307.624	139.600	11.212	0.21427	3.13268	40	S
K11U39S	18.9	0.15	K11A6	353.206	11.633	18.133	2.383	0.21786	2.39524	36	S
K11U39V	18.9	0.15	K11A6	351.134	174.359	218.896	1.487	0.19641	2.41372	36	S
K11U40D	18.8	0.15	K11A6	354.342	166.096	222.399	3.917	0.19262	2.62629	34	S
K11U40N	17.1	0.15	K11A6	54.313	97.103	217.737	4.028	0.10956	2.71411	36	S
K11U41C	19.5	0.15	K11A6	353.256	3.644	26.998	5.791	0.18377	2.25051	31	S
K11U41D	17.8	0.15	K11A6	355.473	181.569	206.962	16.430	0.10841	2.74309	42	X
K11U41N	18.9	0.15	K11AQ	16.929	150.000	213.312	3.805	0.19396	2.46417	16	X
K11U41P	18.7	0.15	K11A6	24.509	141.520	208.728	6.419	0.11925	2.20815	34	S
K11U41R	17.1	0.15	K11A6	103.610	244.050	25.410	10.758	0.09697	2.75109	33	S
K11U41U	16.9	0.15	K11A6	338.804	24.753	24.043	9.872	0.11012	3.12569	36	S
K11U42G	18.1	0.15	K11A6	7.334	154.091	217.511	3.512	0.09945	2.61121	36	S
K11U43F	16.6	0.15	K11A6	352.113	141.427	252.752	3.651	0.19826	3.13302	36	S
K11U45E	17.0	0.15	K11A6	6.585	144.802	229.865	6.190	0.13458	2.42034	37	S
K11U45O	17.4	0.15	K11A6	49.821	215.580	113.676	11.918	0.08711	2.89947	32	S
K11U45V	18.4	0.15	K11A6	350.301	95.314	313.930	1.959	0.21330	2.33231	34	S
K11U45W	18.0	0.15	K11A6	338.678	14.378	37.952	5.282	0.18678	2.36898	44	X
K11U46D	17.9	0.15	K11A6	19.156	23.573	336.760	1.592	0.21721	2.38974	34	S
K11U46E	18.0	0.15	K11A6	24.454	326.501	35.008	10.791	0.09283	2.21549	35	S
K11U46J	18.0	0.15	K11A6	37.670	23.753	311.183	3.854	0.19307	2.37376	31	S
K11U47M	17.3	0.15	K11A6	321.872	49.165	28.142	7.250	0.07773	2.33962	35	S
K11U49T	17.7	0.15	K11A6	22.169	316.067	43.221	1.931	0.20009	2.36172	38	S
K11U50J	17.1	0.15	K11AQ	11.112	330.766	59.277	5.860	0.08317	2.71230	16	X
K11U50R	17.3	0.15	K11AQ	338.220	3.642	64.609	4.421	0.06038	2.72741	16	X
K11U51B	17.4	0.15	K11AQ	11.579	304.147	80.775	3.049	0.23525	3.03044	16	X
K11U51E	17.7	0.15	K11A6	355.982	344.352	56.648	6.330	0.29109	2.64622	14	X
K11U51F	16.8	0.15	K11AQ	330.106	230.649	210.337	8.794	0.08228	3.01796	16	X
K11U52H	18.3	0.15	K11A6	14.838	286.409	82.563	3.224	0.22314	2.34825	14	X
K11U52M	16.5	0.15	K11A6	321.010	36.066	52.978	16.712	0.11522	3.15076	14	X
K11U53N	17.3	0.15	K11AQ	32.564	102.816	254.463	3.432	0.22438	2.58659	16	X
K11U54N	17.8	0.15	K11A6	15.873	151.292	222.634	5.137	0.19019	2.28587	39	X
K11U54U	14.6	0.15	K11AQ	278.144	93.460	50.184	10.639	0.05070	3.52941	16	S
K11U55D	15.9	0.15	K11AQ	54.315	269.007	48.042	28.983	0.34528	2.59987	15	S
K11U55G	17.7	0.15	K11A6	353.450	2.874	45.636	7.225	0.14983	2.20331	41	S
K11U55P	16.2	0.15	K119G	299.401	249.674	231.178	12.231	0.14413	2.74801	91	S
K11U55T	18.5	0.15	K11A6	10.396	173.065	213.833	3.025	0.19516	2.36469	39	S
K11U55Y	18.2	0.15	K11A6	18.858	324.448	40.366	14.471	0.26797	2.60483	13	X
K11U56A	17.0	0.15	K11AQ	70.676	66.498	258.752	2.861	0.11082	2.77117	16	ES
K11U56K	18.2	0.15	K11A6	351.983	176.781	236.487	8.596	0.26085	3.00318	12	X
K11U56V	17.0	0.15	K11AQ	16.830	145.317	233.524	9.495	0.23935	3.12565	16	X
K11U56X	17.1	0.15	K11A6	17.987	312.010	36.872	12.714	0.28987	2.61578	39	S
K11U57L	18.3	0.15	K11A6	23.598	150.564	197.561	7.253	0.23558	2.41262	34	S
K11U58F	17.4	0.15	K11A6	352.700	191.280	215.157	13.843	0.30705	2.64119	42	X
K11U59Q	17.6	0.15	K11AQ	324.322	149.821	299.909	0.982	0.08986	2.69054	14	X
K11U62J	18.3	0.15	K11A6	42.576	85.987	229.656	7.189	0.23424	2.33552	29	S
K11U62K	16.2	0.15	K11A6	261.338	256.986	231.548	8.497	0.06101	3.11498	21	S
K11U62M	18.5	0.15	K11A6	311.468	226.647	212.087	21.079	0.10569	1.91371	40	S
K11U62P	18.7	0.15	K11A6	6.387	166.676	204.359	17.725	0.31291	2.63735	36	S
K11U63D	8.8	0.15	K119G	235.084	227.206	299.182	10.718	0.33287	16.44300	51	S
K11U64F	17.2	0.15	K119G	6.474	343.280	356.849	24.222	0.25059	3.13034	65	S

K11U64J	16.3	0.15	K11A6	15.990	254.893	110.963	3.561	0.11801	2.71629	13	S
K11U64K	18.3	0.15	K11A6	336.560	22.925	40.071	24.071	0.22839	2.30473	36	S
K11U65A	17.8	0.15	K11A6	41.655	233.024	97.762	4.008	0.20311	2.63187	25	S
K11U65R	17.3	0.15	K11A6	3.704	281.096	97.315	4.257	0.13870	2.40304	43	S
K11U66V	16.6	0.15	K11A6	66.725	131.029	168.965	5.631	0.17489	2.30706	42	S
K11U70P	16.6	0.15	K11A6	52.561	277.114	48.269	11.906	0.11239	3.12281	33	S
K11U73K	17.6	0.15	K11AQ	13.267	237.509	148.061	0.920	0.19476	2.58775	15	S
K11U75N	17.1	0.15	K11A6	334.230	357.006	74.372	4.757	0.22798	2.81040	30	S
K11U80B	17.7	0.15	K11AQ	234.201	297.468	231.309	10.742	0.01138	2.60783	15	S
K11U81R	17.4	0.15	K11AQ	5.624	177.951	216.977	11.769	0.24449	3.00058	15	X
K11U82D	18.2	0.15	K11A6	23.418	119.567	238.307	14.753	0.30250	3.10702	12	S
K11U82R	16.5	0.15	K11AQ	355.684	105.189	312.408	3.965	0.15309	3.08622	15	X
K11U82S	15.7	0.15	K11A6	350.507	19.403	40.408	17.681	0.17175	3.01435	37	S
K11U87E	16.6	0.15	K11A6	102.545	292.641	326.539	5.350	0.10880	2.47913	27	S
K11U87G	16.7	0.15	K11A6	26.551	324.406	32.075	12.986	0.16033	3.13175	35	S
K11U90L	16.8	0.15	K11AQ	319.422	229.758	230.040	25.942	0.19093	2.25243	11	S
K11U90N	18.6	0.15	K11AQ	301.122	222.355	234.650	20.609	0.08571	1.82293	15	S
K11U91G	17.6	0.15	K11AQ	5.457	134.635	255.217	15.155	0.43857	2.66213	10	S
K11U92N	16.6	0.15	K11A6	121.489	225.173	28.421	15.530	0.10054	2.88376	37	S
K11U92X	17.0	0.15	K11A6	53.221	100.121	209.289	11.351	0.19892	2.63383	34	S
K11U93F	16.5	0.15	K11AQ	70.941	94.909	208.796	14.397	0.11328	3.07905	16	X
K11U93S	17.2	0.15	K11A6	337.660	202.973	211.108	0.657	0.17014	3.10055	36	S
K11U93V	18.4	0.15	K11A6	339.337	205.138	204.793	3.026	0.15382	2.59066	36	S
K11U93W	16.6	0.15	K11AQ	4.463	337.778	44.325	0.201	0.09183	3.17025	16	X
K11U94B	17.0	0.15	K11AQ	43.919	133.779	206.478	3.135	0.04464	2.64043	16	X
K11U96Z	17.4	0.15	K11A6	19.827	324.155	39.428	6.396	0.04891	2.68713	32	S
K11U98Y	17.9	0.15	K11A6	326.347	25.705	36.255	8.984	0.09721	2.61603	41	S
K11U99Q	19.3	0.15	K11A6	31.649	319.033	29.526	8.063	0.18396	2.26096	39	S
K11UA0X	16.3	0.15	K11A6	58.152	249.696	66.955	4.450	0.08836	2.81861	40	S
K11UA1Y	16.3	0.15	K11AQ	12.735	357.024	32.660	9.249	0.14261	3.11280	13	S
K11UA2H	18.6	0.15	K11A6	348.938	176.812	234.190	5.019	0.19945	2.33489	33	S
K11UA2Z	18.3	0.15	K11A6	358.501	137.555	267.487	5.864	0.10617	2.34462	31	S
K11UA3P	16.4	0.15	K11AQ	66.603	295.298	35.053	12.015	0.16796	2.54856	13	S
K11UA3V	17.3	0.15	K11A6	42.538	314.782	21.422	6.587	0.21155	2.65707	34	S
K11UA4P	18.0	0.15	K11A6	347.977	6.992	30.640	2.388	0.12049	2.58898	35	S
K11UA6A	16.0	0.15	K11A6	5.825	207.082	166.629	3.106	0.30618	3.94330	39	S
K11UA6F	18.9	0.15	K11A6	19.347	207.063	145.997	0.965	0.20459	2.31879	32	S
K11UA6Q	16.5	0.15	K11A6	4.667	36.049	346.057	8.380	0.25318	2.97571	27	S
K11UA7Q	18.4	0.15	K11A6	30.481	205.366	142.915	12.078	0.11854	2.77259	31	S
K11UA7U	17.3	0.15	K11A6	297.198	22.997	78.911	15.226	0.10990	3.03951	31	S
K11UA7Z	16.6	0.15	K11A6	351.298	35.133	9.871	13.767	0.30755	3.00305	42	S
K11UA8A	17.3	0.15	K11AQ	15.077	71.480	306.605	4.407	0.30241	2.58660	11	X
K11UA8G	17.7	0.15	K11A6	47.950	217.229	93.108	7.677	0.27088	2.22838	37	S
K11UA8J	18.2	0.15	K11A6	327.468	261.448	198.783	26.505	0.46723	2.56196	37	S
K11UA8K	18.1	0.15	K11A6	15.896	294.862	59.108	15.801	0.32526	2.76124	38	S
K11UB1X	16.6	0.15	K11A6	341.287	174.580	232.988	11.683	0.07304	3.17259	29	S
K11UB2M	17.3	0.15	K11A6	21.536	148.800	215.320	8.155	0.22533	2.61021	39	S
K11UB2Q	18.5	0.15	K11AQ	29.687	180.394	182.446	2.330	0.19939	2.37401	15	X
K11UB2S	17.1	0.15	K11A6	20.499	151.751	223.943	5.340	0.14517	2.66629	40	S
K11UB2W	15.6	0.15	K11A6	294.554	256.627	229.426	12.977	0.08964	3.16708	39	S
K11UB3M	16.8	0.15	K11AQ	31.379	288.825	74.756	4.659	0.20212	2.55157	14	S
K11UB3S	18.4	0.15	K11A6	1.315	191.952	201.520	4.289	0.18451	2.24613	38	S
K11UB3V	17.3	0.15	K11AQ	357.378	203.369	209.513	2.137	0.17286	3.03562	12	S
K11UB3X	18.8	0.15	K11AQ	12.518	330.073	56.117	3.114	0.21816	2.39382	13	S
K11UB4F	17.2	0.15	K11AQ	20.657	274.572	104.777	2.738	0.19062	3.06138	12	S
K11UB4G	18.7	0.15	K11AQ	17.520	314.687	70.936	4.277	0.19323	2.42240	12	S
K11UB4J	17.8	0.15	K11AQ	33.199	150.849	222.118	8.653	0.11724	2.60956	12	S

K11UB4M	17.2	0.15	K11AQ	36.720	291.447	69.950	6.009	0.18983	2.80578	12	S
K11UB4U	15.6	0.15	K11AQ	48.482	272.012	62.790	26.168	0.29361	3.10541	9	S
K11UB7G	18.3	0.15	K11A6	352.980	194.416	196.177	6.819	0.11734	2.25262	39	S
K11UB8X	19.3	0.15	K11A6	18.887	351.903	357.340	1.416	0.24757	2.41796	34	S
K11UB9A	18.0	0.15	K11A6	5.510	166.392	207.713	4.384	0.15128	2.65369	36	S
K11UC2V	16.7	0.15	K11A6	48.040	130.845	202.747	6.235	0.04858	2.68297	31	S
K11UC2X	16.3	0.15	K11A6	4.814	204.611	173.518	1.168	0.19403	3.10206	39	S
K11UC4X	17.1	0.15	K11A6	26.162	308.102	45.321	2.394	0.11095	2.84376	32	S
K11UC5Y	18.2	0.15	K11A6	109.374	49.063	219.145	22.198	0.06168	1.90889	27	S
K11UC6E	16.6	0.15	K11AQ	31.320	38.069	333.000	5.399	0.02441	2.70901	13	S
K11UC6W	17.2	0.15	K11A6	79.100	265.340	35.755	11.988	0.17530	2.69508	39	S
K11UC6X	17.6	0.15	K11A6	8.844	357.839	29.792	6.806	0.10525	2.58650	35	S
K11UC7E	17.6	0.15	K11A6	20.707	256.708	94.611	2.137	0.19503	2.41413	40	S
K11UC7F	18.0	0.15	K11AQ	8.338	325.321	65.250	5.448	0.23771	2.60358	13	S
K11UC7P	19.8	0.15	K11AQ	297.086	56.163	67.366	8.136	0.10949	2.27064	13	S
K11UC8C	17.9	0.15	K11A6	23.528	257.418	90.893	8.134	0.14268	2.43913	38	S
K11UC8R	16.2	0.15	K11AQ	277.500	253.819	257.000	12.225	0.14398	2.39500	14	X
K11UC8U	18.1	0.15	K11A6	26.325	16.310	342.688	4.522	0.26654	2.56648	24	S
K11UC9J	17.7	0.15	K11A6	16.144	4.456	343.364	3.747	0.33144	2.63540	43	S
K11UC9O	18.5	0.15	K11A6	354.859	122.277	267.342	4.164	0.14267	2.28906	33	S
K11UD0H	17.1	0.15	K11A6	33.333	158.706	192.732	5.689	0.01827	2.79533	32	S
K11UD0K	16.9	0.15	K11A6	31.906	303.444	38.864	11.940	0.15146	3.06820	40	S
K11UD0U	16.3	0.15	K11A6	14.893	92.859	274.294	7.353	0.21537	2.93336	28	S
K11UD0X	17.1	0.15	K11A6	43.860	151.890	201.737	14.357	0.11178	2.71399	29	S
K11UD1E	15.4	0.15	K11A6	14.963	160.579	227.267	21.592	0.08029	3.06241	36	S
K11UD1G	19.9	0.15	K11A6	354.617	145.836	255.483	3.408	0.24918	2.20997	32	S
K11UD1T	17.8	0.15	K11A6	48.283	182.432	136.380	11.831	0.20506	3.17936	31	S
K11UD2J	17.3	0.15	K11AQ	14.758	50.335	333.463	4.806	0.15930	3.06315	12	S
K11UD2X	16.7	0.15	K11AQ	334.974	224.538	228.517	13.815	0.27748	3.07325	15	S
K11UD3M	18.7	0.15	K11A6	355.846	30.100	14.172	3.671	0.25051	2.57179	37	S
K11UD3N	16.8	0.15	K11A6	20.349	338.454	358.477	12.406	0.11050	3.07709	26	S
K11UD5Q	18.3	0.15	K11A6	32.552	131.854	215.796	2.124	0.13849	2.35892	10	X
K11UD5S	17.7	0.15	K11A6	340.988	25.358	35.591	13.761	0.24090	2.64775	10	X
K11UD5U	18.8	0.15	K11AQ	23.544	249.280	109.829	0.428	0.21458	2.38395	14	X
K11UD5W	17.9	0.15	K11A6	23.593	159.863	191.923	1.992	0.22697	2.62923	10	X
K11UD5Y	19.3	0.15	K11A6	13.789	307.330	56.971	1.651	0.22766	2.26228	9	X
K11UD6B	16.7	0.15	K11A6	14.715	162.991	210.362	7.991	0.15473	3.20102	10	X
K11UD7A	16.9	0.15	K11A6	76.675	76.415	242.973	8.397	0.04550	2.98941	32	S
K11UD7J	19.2	0.15	K11AQ	5.419	8.721	26.050	8.003	0.16976	2.25363	13	S
K11UD7K	15.7	0.15	K11A6	293.518	239.419	230.669	11.330	0.09096	3.11897	32	S
K11UD7M	17.8	0.15	K11AQ	270.841	273.813	220.031	19.598	0.06657	1.95862	10	X
K11UD7O	18.4	0.15	K11AQ	25.363	144.383	214.652	2.073	0.20145	2.30344	9	X
K11UD7R	16.7	0.15	K11AQ	6.489	14.263	26.944	10.873	0.05409	2.99163	12	S
K11UD9F	16.9	0.15	K11AQ	336.890	62.025	14.667	3.973	0.09285	2.92822	7	X
K11UD9L	17.9	0.15	K11A6	23.283	144.970	228.601	5.471	0.13366	2.64872	37	S
K11UD9N	19.0	0.15	K11A6	320.906	214.414	226.634	20.413	0.05041	1.86724	32	S
K11UE0E	17.2	0.15	K11A6	81.875	57.403	244.186	4.388	0.12151	2.52037	25	S
K11UE4B	16.4	0.15	K11A6	17.728	359.568	15.585	12.117	0.06849	2.91430	27	S
K11UE4Y	17.3	0.15	K11AQ	56.032	24.608	299.682	8.407	0.17177	2.30248	10	S
K11UE4Z	16.8	0.15	K11AQ	329.609	83.101	358.122	13.073	0.15933	2.66544	16	X
K11UE5Q	17.1	0.15	K11A6	284.920	266.821	247.774	13.974	0.22967	2.68458	27	S
K11UE7Y	16.6	0.15	K11A6	17.198	139.701	227.733	10.564	0.18935	2.61838	37	S
K11UE8B	17.7	0.15	K11A6	11.264	161.030	215.328	12.824	0.25768	2.75991	39	X
K11UE8M	16.1	0.15	K11AQ	352.212	181.932	227.910	10.407	0.04176	3.13395	12	S
K11UE9A	16.8	0.15	K11AQ	23.351	329.619	38.014	17.262	0.15585	2.79024	11	S
K11UE9G	16.9	0.15	K11AQ	28.527	214.643	139.824	2.195	0.27828	3.06808	12	X
K11UE9L	18.4	0.15	K11AQ	16.667	313.300	57.788	6.120	0.27375	2.59315	12	X

K11UE9M	18.9	0.15	K11AQ	50.291	221.261	103.615	2.508	0.24702	2.28000	10	X
K11UF1D	17.3	0.15	K11A6	350.665	29.623	22.022	13.751	0.25865	2.64791	33	S
K11UF1G	18.3	0.15	K11A6	27.805	78.635	258.329	4.265	0.25039	2.38819	41	S
K11UF1M	17.4	0.15	K11AQ	357.983	243.201	165.387	5.639	0.24663	2.61150	9	S
K11UF1N	17.8	0.15	K11AQ	23.436	175.456	193.873	10.077	0.21105	2.37435	12	S
K11UF3D	19.8	0.15	K11AQ	355.188	353.740	63.104	7.010	0.16107	2.24683	12	S
K11UF4A	16.2	0.15	K11A6	321.886	115.741	322.798	16.759	0.16731	3.03926	31	S
K11UF4B	17.0	0.15	K11A6	350.926	119.506	281.019	15.260	0.26084	3.14675	38	S
K11UF5J	18.8	0.15	K11A6	36.780	156.334	168.689	13.745	0.27582	2.62963	32	S
K11UF6B	17.0	0.15	K11AQ	142.155	199.007	67.336	16.169	0.09914	2.55607	9	S
K11UF6F	16.6	0.15	K11AQ	317.346	43.932	68.411	15.242	0.15649	3.15587	9	S
K11UF6H	17.5	0.15	K11AQ	39.678	275.919	65.758	12.990	0.30659	2.65797	9	S
K11UF6V	16.4	0.15	K11AQ	28.073	355.774	14.643	10.358	0.14264	3.14612	9	S
K11UF6W	16.8	0.15	K11AQ	23.251	5.356	358.610	7.193	0.29217	3.25761	3	X
K11UF7H	16.9	0.15	K11AQ	339.754	13.368	66.115	10.145	0.16688	2.69254	8	S
K11UF7L	17.5	0.15	K11AQ	4.730	193.664	210.948	5.979	0.23680	3.14786	14	S
K11UF7M	17.1	0.15	K11AQ	291.623	73.369	67.984	11.399	0.15923	2.98450	8	ES
K11UF7N	18.8	0.15	K11A6	11.831	228.337	156.973	2.710	0.15643	2.26909	36	S
K11UG0C	15.6	0.15	K11AQ	329.802	202.094	238.476	28.137	0.16324	3.20925	9	S
K11UG0D	16.6	0.15	K11AQ	19.633	116.952	254.501	15.278	0.18116	3.02970	9	X
K11UG1F	18.2	0.15	K11AQ	29.530	291.071	62.672	2.642	0.24203	2.38872	9	X
K11UG1G	17.7	0.15	K11A6	4.827	201.073	185.721	0.941	0.19608	2.43468	38	S
K11UG1J	18.4	0.15	K11A6	18.708	346.897	27.091	6.204	0.14063	2.34987	34	S
K11UG2K	18.1	0.15	K11AQ	0.255	293.960	106.215	3.810	0.20481	2.79401	10	X
K11UG2W	17.3	0.15	K11A6	314.395	236.208	222.615	12.266	0.16350	2.67929	32	S
K11UG2X	17.0	0.15	K11AQ	37.618	310.258	41.722	7.618	0.16808	2.32733	15	X
K11UG3B	18.7	0.15	K11AQ	36.574	64.299	285.163	1.876	0.21725	2.16146	7	X
K11UG4D	17.3	0.15	K11AQ	0.934	297.668	98.618	6.085	0.28086	2.61173	9	S
K11UG4E	16.9	0.15	K11AQ	9.473	296.216	90.485	7.563	0.11791	2.33695	16	S
K11UG4F	16.7	0.15	K11AQ	334.127	7.851	66.653	14.797	0.15236	2.79291	9	S
K11UG4H	17.7	0.15	K11AQ	24.567	265.310	96.635	7.914	0.26921	2.47445	9	S
K11UG4L	16.5	0.15	K11A6	10.520	326.133	50.687	33.659	0.20139	2.60980	33	S
K11UG4M	18.1	0.15	K11AQ	18.425	277.457	97.935	4.853	0.15916	2.16292	9	S
K11UG4Q	16.1	0.15	K11AQ	24.860	295.989	64.342	12.905	0.21762	3.05905	9	S
K11UG4R	16.2	0.15	K11AQ	15.318	316.429	65.337	10.984	0.09000	2.89535	9	S
K11UG4S	16.9	0.15	K11AQ	73.130	115.972	200.501	13.522	0.09794	2.52206	9	S
K11UG4X	15.4	0.15	K11AQ	294.158	35.416	85.497	11.646	0.06166	2.98904	8	S
K11UG6U	17.9	0.15	K11A6	344.814	279.272	127.942	8.778	0.18650	2.34552	33	S
K11UG6X	18.7	0.15	K11A6	355.904	132.213	246.137	5.404	0.25823	2.30041	42	S
K11UG7O	16.4	0.15	K11A6	97.868	269.090	10.402	4.286	0.05868	2.74789	12	S
K11UG7S	18.4	0.15	K11A6	13.114	26.046	333.577	1.261	0.25040	2.73249	32	S
K11UG7W	17.0	0.15	K11A6	345.582	13.019	45.774	2.282	0.21603	3.04134	12	S
K11UG8A	19.0	0.15	K11A6	342.177	200.610	196.792	15.719	0.30463	2.61302	38	S
K11UG8W	18.6	0.15	K11A6	312.142	56.994	11.441	22.256	0.15101	1.96015	30	S
K11UH2T	16.2	0.15	K11A6	356.627	172.568	221.827	33.335	0.18784	2.62189	41	S
K11UH2Z	17.0	0.15	K11A6	346.338	17.958	34.903	12.216	0.17222	2.66998	39	S
K11UH3T	17.5	0.15	K11A6	28.468	147.894	197.365	17.793	0.23913	3.05559	32	S
K11UH5A	17.2	0.15	K11AQ	46.078	43.050	298.293	5.726	0.13918	2.47025	10	X
K11UH7C	16.8	0.15	K11A6	41.435	85.777	265.418	2.735	0.10739	3.52123	26	S
K11UH7L	18.7	0.15	K11A6	8.802	143.154	236.373	6.007	0.26062	2.66079	33	S
K11UI1N	17.9	0.15	K11AQ	47.202	62.465	267.941	6.452	0.24966	2.22933	9	X
K11UI3O	15.5	0.15	K11AQ	47.281	313.882	48.517	10.877	0.12891	3.00399	8	S
K11UI4D	18.5	0.15	K11A6	357.073	246.524	146.589	4.477	0.17209	2.23579	41	S
K11UI4T	16.4	0.15	K11AQ	48.468	252.203	86.735	8.089	0.12470	2.71611	9	S
K11UI4Z	17.3	0.15	K11AQ	63.479	233.661	94.947	6.800	0.06526	2.32338	9	S
K11UI5F	18.3	0.15	K11AQ	345.740	262.884	161.050	6.209	0.26395	2.62568	9	S
K11UI5K	17.8	0.15	K11AQ	32.476	278.456	62.487	13.632	0.29611	2.64569	9	S

K11UI5P	16.2	0.15	K11AQ	7.885	274.970	122.508	6.136	0.17372	3.11482	9 S
K11UI6K	17.6	0.15	K11AQ	3.031	279.894	115.259	4.426	0.13776	2.58165	9 S
K11UI6O	18.8	0.15	K11AQ	10.575	205.814	175.093	4.970	0.24269	2.42183	9 S
K11UI6S	17.6	0.15	K11AQ	345.212	305.785	115.784	4.841	0.19495	2.58363	9 S
K11UI6V	17.2	0.15	K11AQ	7.956	328.856	56.543	16.006	0.26334	3.02696	9 S
K11UI7A	18.6	0.15	K11AQ	11.926	205.395	171.104	5.190	0.28555	2.41391	9 S
K11UI7E	17.5	0.15	K11AQ	344.604	316.299	101.581	6.713	0.10974	2.36122	9 S
K11UI7S	18.8	0.15	K11A6	23.966	233.498	113.395	5.307	0.23008	2.19844	38 S
K11UI7Y	16.9	0.15	K11A6	19.020	263.871	101.175	6.216	0.13280	2.73182	38 S
K11UI8A	18.3	0.15	K119G	42.029	37.938	266.802	4.426	0.18166	2.20300	57 S
K11UI8N	17.3	0.15	K11AQ	318.956	17.154	79.259	9.054	0.10981	2.33081	8 X
K11UI9J	15.8	0.15	K11AQ	350.201	202.901	211.781	25.611	0.16156	3.13004	7 S
K11UJ0S	15.8	0.15	K11AQ	17.623	255.190	109.982	10.663	0.23145	3.14296	9 S
K11UJ1C	16.4	0.15	K11A6	36.655	135.527	223.823	10.215	0.16119	3.14250	39 S
K11UJ1O	15.8	0.15	K11A6	23.564	131.123	223.701	16.429	0.17670	3.20398	37 S
K11UJ1S	16.9	0.15	K11AQ	6.431	154.111	240.735	13.332	0.22352	2.71690	12 S
K11UJ2B	16.5	0.15	K11A6	6.620	307.365	88.530	2.424	0.29632	3.96164	39 S
K11UJ3T	16.5	0.15	K11AQ	0.352	63.825	338.267	4.499	0.28092	3.02418	13 S
K11UJ3Y	17.6	0.15	K11A6	338.808	1.687	53.436	22.907	0.08026	1.89210	41 S
K11UJ3Z	16.9	0.15	K11AQ	15.559	282.105	93.719	10.953	0.27326	2.97668	14 S
K11UJ4J	16.3	0.15	K11AQ	223.446	166.070	23.827	26.317	0.17408	2.33692	11 S
K11UJ4K	18.4	0.15	K11AQ	319.267	231.071	217.169	21.502	0.09480	1.96647	11 S
K11UJ4X	16.3	0.15	K11A6	349.820	212.111	193.298	13.222	0.18780	3.12862	41 S
K11UJ5F	17.1	0.15	K11A6	335.652	259.197	161.002	12.503	0.23721	3.07599	39 S
K11UJ5G	18.9	0.15	K11AQ	24.611	325.451	49.332	22.007	0.09516	1.92992	8 X
K11UJ5J	16.9	0.15	K11A6	349.423	66.762	338.514	10.029	0.12149	2.68967	28 S
K11UJ5N	17.1	0.15	K11AQ	36.526	106.201	249.755	9.820	0.14596	3.10047	12 S
K11UJ5X	17.1	0.15	K11AQ	42.426	339.848	18.624	8.598	0.04510	3.10506	14 S
K11UJ6P	16.6	0.15	K11A6	166.725	336.588	257.072	6.969	0.17321	2.77478	29 S
K11UJ6T	16.3	0.15	K11A6	41.440	335.255	22.260	10.698	0.05168	3.01366	34 S
K11UJ6U	16.7	0.15	K11AQ	21.535	121.749	256.246	8.094	0.13599	3.14804	9ES
K11UJ7F	17.5	0.15	K11AQ	2.173	121.535	281.834	3.935	0.15306	3.18505	12 S
K11UJ7J	17.7	0.15	K11AQ	310.515	226.225	239.279	12.311	0.10869	2.63056	12 S
K11UJ8D	16.0	0.15	K11AQ	68.015	293.310	43.557	10.407	0.05398	3.48277	10 S
K11UJ8E	18.1	0.15	K11AQ	38.717	10.230	328.455	20.127	0.09583	1.91659	9 S
K11UJ8J	16.9	0.15	K11AQ	7.668	339.144	60.687	6.072	0.15064	3.12657	12 S
K11UJ8Q	16.6	0.15	K11A6	326.186	217.622	228.211	21.194	0.04963	2.65534	39 S
K11UJ8S	18.5	0.15	K11A6	10.537	317.558	64.127	3.951	0.25434	2.39961	22 S
K11UJ8V	17.5	0.15	K11AQ	323.049	4.508	101.919	2.288	0.15928	3.14301	8ES
K11UK0S	18.1	0.15	K11A6	344.272	359.416	54.630	20.288	0.23429	2.65545	40 S
K11UK0T	16.2	0.15	K11A6	33.704	277.354	71.650	13.466	0.11916	2.68816	38 S
K11UK0U	18.1	0.15	K11AQ	11.695	291.526	92.510	7.105	0.24507	2.43151	9 S
K11UK1H	18.0	0.15	K118R	28.802	169.203	154.711	6.282	0.24785	2.23523	121 S
K11UK2A	17.9	0.15	K11A6	341.178	353.669	71.865	5.468	0.11646	2.27243	36 S
K11UK3R	17.1	0.15	K11AQ	355.653	356.916	61.990	11.227	0.13792	2.61569	13 S
K11UK4U	18.0	0.15	K1187	1.713	177.524	171.583	9.437	0.30522	2.25027	142 S
K11UK4V	17.0	0.15	K11AQ	8.237	315.461	66.747	18.446	0.29940	2.75550	14 S
K11UK4W	16.5	0.15	K11A6	24.917	262.563	102.816	15.126	0.15059	2.62375	30 S
K11UK4Y	17.0	0.15	K11AQ	358.511	235.047	171.594	13.039	0.35339	3.00114	14 S
K11UK5F	18.1	0.15	K11AQ	355.947	236.678	164.239	12.248	0.28611	2.57828	7 S
K11UK5H	17.7	0.15	K119G	13.556	226.787	119.320	7.616	0.24223	2.30447	68 S
K11UK5L	16.1	0.15	K11A6	188.701	330.746	206.973	11.894	0.06217	2.93050	16 S
K11UK5V	17.7	0.15	K11A6	345.696	307.875	102.775	11.174	0.23725	3.14656	35 S
K11UK5Z	16.4	0.15	K11A6	328.848	265.260	165.468	16.295	0.19382	3.08792	29 S
K11UK6A	15.5	0.15	K11AQ	48.796	309.930	48.719	11.184	0.04310	3.37900	5 S
K11UK6G	17.9	0.15	K11A6	314.631	46.110	42.806	13.814	0.24067	2.64295	39 S
K11UK6J	16.7	0.15	K11AQ	48.676	229.696	96.001	5.761	0.11812	2.79966	13 S

K11UL3S	18.1	0.15	K11A6	356.192	45.251	343.174	3.943	0.31063	2.60930	18	S
K11UL3Z	16.0	0.15	K11A6	20.844	129.185	220.274	16.217	0.24264	3.09406	32	S
K11UM3U	19.8	0.15	K11AQ	338.700	235.434	189.238	2.127	0.24758	2.25620	10	X
K11UM3Z	17.3	0.15	K11AQ	304.993	43.819	40.354	6.671	0.01624	2.80909	10	X
K11UM4D	18.1	0.15	K11A6	323.417	48.893	34.071	12.193	0.27318	2.64040	44	S
K11UM4F	17.2	0.15	K11AQ	296.684	58.383	40.613	4.636	0.07136	2.73093	10	X
K11UM4G	18.1	0.15	K11AQ	297.703	68.933	32.421	13.951	0.10071	2.40982	10	X
K11UM4J	17.0	0.15	K11AQ	87.824	72.886	197.551	7.667	0.27104	2.32820	10	X
K11UM5U	18.5	0.15	K11A6	10.304	171.903	204.136	7.000	0.28055	2.54386	40	S
K11UM8V	17.6	0.15	K11AQ	314.595	35.471	53.854	3.162	0.16774	2.44098	17	X
K11UM8Y	18.3	0.15	K11AQ	342.586	247.787	161.160	1.839	0.08621	2.39378	10	X
K11UN2D	18.7	0.15	K11A6	12.630	158.267	205.830	7.010	0.16171	2.25855	30	S
K11UN3O	16.4	0.15	K11AQ	295.712	245.997	210.400	8.124	0.04629	3.09256	16	X
K11UN7N	17.3	0.15	K11AQ	51.257	111.732	238.357	9.726	0.07049	3.04896	16	W
K11UN7S	16.2	0.15	K11A6	150.766	19.391	234.043	11.694	0.03831	3.20042	37	S
K11UN9O	18.2	0.15	K11AQ	27.392	138.022	227.731	12.657	0.21897	2.60887	11	X
K11UO2S	17.6	0.15	K11AQ	14.721	83.492	292.979	0.154	0.37738	3.44255		9ES
K11UO3K	17.6	0.15	K11A6	14.423	340.235	42.445	2.706	0.22895	3.03861	36	S
K11UO5Q	19.4	0.15	K11AQ	17.077	291.122	78.196	2.730	0.28531	2.36329	6	X
K11UO5S	16.8	0.15	K11A6	41.052	280.958	59.456	9.342	0.20189	3.06629	14	X
K11UO6H	18.4	0.15	K11A6	359.630	187.910	213.086	1.891	0.18290	2.41428	37	S
K11UO8J	16.1	0.15	K11AQ	32.070	302.200	51.862	3.837	0.33731	4.14450	8	S
K11UP3O	16.5	0.15	K11AQ	3.858	286.717	128.606	4.706	0.17054	3.96115	8	S
K11UP4L	16.6	0.15	K11AQ	0.843	9.843	37.100	1.462	0.18669	3.10029	16	S
K11UP4P	16.9	0.15	K11A6	9.752	172.044	207.468	8.465	0.15986	2.79248	42	S
K11UP4T	17.1	0.15	K11A6	356.028	12.732	20.495	10.528	0.22413	3.12572	31	S
K11UP4W	16.1	0.15	K11A6	114.889	168.833	103.175	11.548	0.07160	3.02442	40	S
K11UP6B	20.0	0.15	K11AQ	336.300	6.057	58.852	24.152	0.06964	1.52030	5	S
K11UP6C	17.0	0.15	K11AQ	7.886	322.434	41.532	33.806	0.28505	2.77058	2	S
K11UP6P	17.0	0.15	K11A6	356.828	175.981	226.251	16.257	0.22368	2.87874	32	S
K11UP6R	15.7	0.15	K11AQ	281.623	221.733	274.629	12.990	0.16289	2.70178	10	X
K11UP6S	17.1	0.15	K11AQ	21.947	345.673	14.663	20.762	0.28306	2.66166	16	S
K11UP6V	15.6	0.15	K11A6	3.473	72.365	312.211	9.309	0.32778	3.97841	29	S
K11UP9Q	18.0	0.15	K11A6	149.566	209.786	39.747	20.821	0.03914	2.02121	40	S
K11UQ0E	17.8	0.15	K11A6	29.179	324.595	37.458	14.209	0.17138	2.57702	37	S
K11UQ0N	17.8	0.15	K11A6	38.805	321.628	29.189	7.565	0.14458	2.29499	34	S
K11UQ0T	16.9	0.15	K11A6	5.519	6.485	33.898	5.474	0.13151	3.11285	34	S
K11UQ0Y	16.3	0.15	K11A6	20.351	342.334	41.861	9.103	0.08872	2.99231	37	S
K11UQ3W	16.6	0.15	K11A6	8.165	305.715	77.593	12.280	0.13947	2.68298	12	S
K11UQ4A	16.3	0.15	K11AQ	8.598	309.936	81.594	10.232	0.11503	3.10569	9	S
K11UQ4F	17.6	0.15	K11A6	315.095	246.906	219.270	26.157	0.28823	2.63216	32	S
K11UQ5D	19.2	0.15	K11A6	358.884	82.266	305.747	3.621	0.24365	2.38559	39	S
K11UQ6V	17.5	0.15	K11AQ	353.576	228.485	182.524	12.952	0.24697	2.64019	16	S
K11UQ6W	17.6	0.15	K11AQ	313.101	348.145	119.617	9.010	0.21208	2.33091	8	S
K11UQ6Y	16.3	0.15	K11AQ	307.924	24.046	83.107	15.648	0.12394	3.08564	8	S
K11UQ7A	16.4	0.15	K11A6	27.430	252.751	109.455	13.012	0.09735	2.65911	33	S
K11UQ7Q	15.9	0.15	K11AQ	48.384	150.869	191.394	9.767	0.13674	3.05289	7	S
K11UQ7R	16.3	0.15	K11AQ	11.341	296.694	85.393	7.468	0.22695	2.62620	7	S
K11UQ7S	16.6	0.15	K11A6	347.503	255.062	158.891	6.084	0.25584	2.59449	39	S
K11UQ7V	15.2	0.15	K11AQ	5.754	263.340	128.317	3.942	0.23159	3.95113	7	S
K11UQ7W	16.8	0.15	K11AQ	327.389	359.947	86.842	5.934	0.17105	2.60316	7	S
K11UQ8A	16.8	0.15	K11AQ	12.659	309.374	77.493	6.764	0.10567	2.35159	7	S
K11UQ8D	16.0	0.15	K11AQ	330.563	224.879	212.148	20.600	0.04953	2.65675	7	S
K11UQ8E	15.9	0.15	K11AQ	2.206	313.319	86.052	5.953	0.18910	3.13543	7	S
K11UQ8O	16.4	0.15	K11A6	39.398	119.184	233.042	12.744	0.09835	2.77681	33	S
K11UQ8P	16.3	0.15	K11A6	341.519	28.447	27.268	14.243	0.17548	2.79628	14	S
K11UQ8R	15.6	0.15	K11AQ	314.642	131.866	335.738	4.419	0.21536	3.18654	5	S

K11UQ8S	17.7	0.15	K11A6	6.597	108.883	270.776	5.560	0.13280	2.30814	26 S
K11UQ9R	19.0	0.15	K11AQ	319.617	248.066	209.022	3.234	0.21101	2.29713	12 S
K11UQ9T	16.6	0.15	K11A6	9.075	313.678	59.782	2.468	0.27354	2.62536	13 S
K11UR0C	18.0	0.15	K11AQ	27.168	231.444	111.956	4.855	0.25828	2.71722	5 S
K11UR0J	16.8	0.15	K11A6	41.063	240.275	90.860	6.896	0.14870	3.23252	38 S
K11UR0R	16.5	0.15	K11A6	336.570	326.476	93.383	10.205	0.13962	3.18349	37 S
K11UR1J	17.8	0.15	K11A6	359.669	51.284	335.633	5.201	0.17687	2.32307	34 S
K11UR1Q	17.4	0.15	K11AQ	222.875	203.560	316.274	9.088	0.08128	2.43869	13 S
K11UR3Z	15.9	0.15	K11A6	20.675	349.448	15.704	10.423	0.08998	3.14463	16 S
K11UR4Z	16.5	0.15	K11AQ	347.041	51.848	6.290	3.311	0.10725	2.63411	9 S
K11UR5K	18.6	0.15	K11A6	49.411	69.843	271.239	4.105	0.06388	2.67109	12 S
K11UR5R	18.1	0.15	K11A6	260.368	245.363	267.865	3.764	0.13481	3.22499	12 S
K11UR6E	17.7	0.15	K11AQ	12.953	131.375	260.080	8.194	0.15701	2.55750	9 X
K11UR6F	19.5	0.15	K11AQ	22.568	41.940	328.149	3.572	0.25147	2.45027	9 X
K11UR6K	19.1	0.15	K11AQ	17.454	61.558	321.189	4.568	0.18890	2.38789	9 X
K11UR7G	19.0	0.15	K11AQ	50.254	107.184	242.425	19.297	0.08195	1.93451	7 S
K11UR9W	17.3	0.15	K11AQ	45.460	89.984	250.888	12.138	0.24447	2.76955	9 X
K11UR9X	17.4	0.15	K11AQ	123.539	357.414	275.323	9.591	0.21361	2.56505	9 X
K11US0J	17.6	0.15	K11AQ	343.826	300.743	124.242	7.339	0.16077	2.30378	14 S
K11US1A	15.9	0.15	K11AQ	17.395	295.389	82.102	19.402	0.18396	3.22937	8 S
K11US1B	16.1	0.15	K11AQ	43.299	165.834	188.777	17.322	0.11009	3.06244	8 S
K11US1D	18.4	0.15	K11AQ	1.307	272.993	122.825	6.278	0.19189	2.14907	7 S
K11US1F	17.1	0.15	K11AQ	9.893	298.635	91.010	5.483	0.13944	2.38323	7 S
K11US1G	17.1	0.15	K11AQ	329.763	10.785	71.957	5.577	0.19287	2.21048	7 S
K11US1T	15.2	0.15	K11AQ	316.145	220.351	232.553	25.325	0.11142	3.11096	5 S
K11US3W	16.6	0.15	K11AQ	351.669	41.170	22.363	14.759	0.26993	3.12562	10 S
K11US3Y	16.2	0.15	K11AQ	314.060	73.954	58.959	15.648	0.41638	3.06815	6 S
K11US5R	16.6	0.15	K11AQ	346.790	151.997	268.955	11.915	0.19868	2.62562	4 S
K11US5S	16.1	0.15	K11A6	140.325	180.744	53.250	8.233	0.17309	2.56794	33 S
K11US6C	16.5	0.15	K11A6	20.632	329.729	23.086	20.291	0.35161	2.64266	13 S
K11US6E	16.9	0.15	K11AQ	33.120	106.256	260.005	15.312	0.19031	2.62349	5 X
K11US6J	16.4	0.15	K11AQ	337.487	124.073	296.666	7.296	0.30198	2.80680	3 X
K11US7L	18.1	0.15	K11A6	4.051	34.336	345.320	5.127	0.26351	2.58377	31 S
K11US7X	16.3	0.15	K11AQ	279.911	194.230	316.497	11.811	0.26115	2.84095	3 X
K11US7Z	16.3	0.15	K11A6	11.597	318.733	52.637	15.659	0.31243	3.08181	27 S
K11UT1A	17.0	0.15	K11AQ	71.775	301.972	21.628	2.409	0.04059	2.87209	16 S
K11UT1D	17.6	0.15	K11A6	349.619	323.283	78.467	3.759	0.17324	2.42636	32 S
K11UT4Z	17.8	0.15	K11AQ	40.551	251.820	85.458	3.578	0.22561	2.16625	7 S
K11UT5C	14.3	0.15	K11AQ	227.319	359.096	202.662	11.874	0.45064	2.41578	7ES
K11UT5Q	16.4	0.15	K11AQ	337.780	134.574	296.651	7.127	0.12957	2.58041	6 X
K11UU0S	18.8	0.15	K11AQ	271.458	253.537	242.651	17.428	0.07329	1.81675	5 X
K11UU2L	16.0	0.15	K11AQ	357.741	63.838	335.725	9.721	0.16264	3.11054	3 X
K11UU3P	18.9	0.15	K11AQ	346.617	210.757	208.727	4.533	0.11809	2.19629	11 S
K11UU5D	20.3	0.15	K11AQ	358.140	165.695	234.687	13.282	0.38804	2.33094	8 S
K11UU5F	11.2	0.15	K11AQ	355.757	119.090	298.209	95.448	0.85793	16.94540	3ES
K11UU5G	17.0	0.15	K11AQ	19.812	134.393	246.366	19.884	0.05867	2.00268	13ES
K11V00X	17.1	0.15	K11AQ	17.941	350.298	19.408	16.375	0.24666	2.77163	2 X
K11V00Y	16.8	0.15	K11AQ	357.762	92.623	309.255	6.220	0.09361	2.36470	2 X
K11V00Z	16.2	0.15	K11AQ	335.591	78.459	0.731	11.110	0.22443	2.98542	2 X
K11V01A	16.6	0.15	K11AQ	300.094	193.924	283.799	7.686	0.16114	2.46333	2 X
K11V01K	16.9	0.15	K11AQ	356.310	155.007	255.867	12.133	0.36617	2.70452	2 X
K11V01N	17.1	0.15	K11AQ	277.014	252.032	239.368	21.202	0.20632	1.99857	2 S
K11V01O	22.0	0.15	K11AQ	357.176	198.396	201.767	10.742	0.43406	2.49091	2 X
K11V01P	17.6	0.15	K11AQ	342.688	265.538	181.622	25.941	0.39199	2.53822	2 X
K11V01Q	18.1	0.15	K11AQ	122.339	20.813	239.827	17.165	0.16651	1.81124	1EX
K11V01R	17.2	0.15	K11AQ	82.815	41.161	241.897	25.884	0.32659	2.32042	1EX

New observations:

K01U05E	C2011	10	29.18955	03	45	00.32	+20	43	10.8	19.1	RcEV017J04
K01U05E	C2011	10	29.21096	03	44	57.77	+20	43	19.4	19.1	RcEV017J04
K01U05E	C2011	10	29.23237	03	44	55.25	+20	43	28.2	19.1	RcEV017J04
K02Y12B	C2011	11	03.46083	09	36	15.69	+10	54	47.7	20.9	VrEV017G96
K02Y12B	C2011	11	03.46841	09	36	16.92	+10	54	37.7	21.4	VrEV017G96
K02Y12B	C2011	11	03.47602	09	36	18.10	+10	54	27.2	21.6	VrEV017G96
K02Y12B	C2011	11	03.48362	09	36	19.33	+10	54	17.2	21.4	VrEV017G96
K03Y00J	KC2011	11	04.16309	05	01	09.01	-62	04	07.6	19.9	RuEV017821
K03Y00J	KC2011	11	04.16815	05	01	06.63	-62	04	02.2	20.0	RuEV017821
K03Y00J	KC2011	11	04.18904	05	00	56.93	-62	03	41.3	20.0	RuEV017821
K04XD0M	C2011	11	03.49066	09	10	54.94	+51	14	12.9	19.3	VrEV017703
K04XD0M	C2011	11	03.49524	09	10	55.84	+51	14	11.5	18.8	VrEV017703
K04XD0M	C2011	11	03.49977	09	10	56.67	+51	14	06.3	19.6	VrEV017703
K04XD0M	C2011	11	03.50431	09	10	57.64	+51	14	02.2	19.1	VrEV017703
K07VI6H	KC2011	11	02.36269204	13	54.00	+11	48	47.3		20.1	VoEV017H21
K07VI6H	KC2011	11	02.36577204	13	53.71	+11	48	56.7		20.2	VoEV017H21
K07VI6H	KC2011	11	02.36889504	13	53.45	+11	49	06.7		20.2	VoEV017H21
K07VI6H	KC2011	11	02.37286804	13	53.09	+11	49	18.7		20.4	VoEV017H21
K08Q03T	JC2011	10	27.46742	10	03	05.72	+15	12	51.9	20.6	RoEV017695
K08Q03T	JC2011	10	27.46942	10	03	06.18	+15	12	47.9	20.6	RoEV017695
K08Q03T	JC2011	10	27.47143	10	03	06.64	+15	12	43.4	20.4	RoEV017695
K08U00X	C2011	11	02.98734	02	07	16.42	+18	15	03.4		oEV017046
K08U00X	C2011	11	02.98795	02	07	15.97	+18	15	03.6		oEV017046
K08U00X	C2011	11	02.98909	02	07	15.03	+18	15	05.5		oEV017046
K08U00X	C2011	11	02.98970	02	07	14.50	+18	15	06.1		oEV017046
K09V24O	KC2011	11	04.21755	05	50	36.41	+03	38	15.6	19.9	RuEV017821
K09V24O	KC2011	11	04.22051	05	50	36.85	+03	38	10.7	19.7	RuEV017821
K09V24O	KC2011	11	04.22493	05	50	37.55	+03	38	03.3	19.8	RuEV017821
K11K17P	KC2011	11	02.33746607	45	21.91	+03	27	49.2		20.1	VoEV017H21
K11K17P	KC2011	11	02.34184607	45	21.70	+03	27	47.9		19.7	VoEV017H21
K11K17P	KC2011	11	02.34626907	45	21.49	+03	27	46.3		19.5	VoEV017H21
K11K17P	KC2011	11	02.35100807	45	21.25	+03	27	44.9		19.8	VoEV017H21
K11P01T	C2011	11	02.93184	00	17	15.55	+52	27	14.1		oEV017046
K11P01T	C2011	11	02.93560	00	17	15.57	+52	27	15.6		oEV017046
K11P01T	C2011	11	02.93686	00	17	15.64	+52	27	15.8		oEV017046
K11R12R	C2011	11	03.02888	05	27	54.27	+06	15	51.8		oEV017046
K11R12R	C2011	11	03.02993	05	27	54.25	+06	15	50.3		oEV017046
K11R12R	C2011	11	03.03094	05	27	54.27	+06	15	49.4		oEV017046
K11R12R	C2011	11	03.03194	05	27	54.29	+06	15	47.8		oEV017046
K11R12R	C2011	11	03.03296	05	27	54.29	+06	15	46.5		oEV017046
K11S21Z	C2011	11	03.12759	23	49	16.10	+15	25	38.3	21.2	VrEV017G96
K11S21Z	C2011	11	03.13521	23	49	16.10	+15	25	32.5	21.0	VrEV017G96
K11S21Z	C2011	11	03.14284	23	49	16.06	+15	25	26.6	21.2	VrEV017G96
K11S21Z	C2011	11	03.15045	23	49	16.03	+15	25	20.5	21.1	VrEV017G96
K11S69R	C2011	11	01.95206	03	02	42.71	+22	21	58.1	16.7	VuEV017C01
K11S69R	C2011	11	01.95303	03	02	42.94	+22	21	57.0	16.6	VuEV017C01
K11S69R	C2011	11	01.95399	03	02	43.17	+22	21	56.0	16.5	VuEV017C01
K11S69R	C2011	11	01.95497	03	02	43.41	+22	21	55.0	16.5	VuEV017C01
K11S69R	C2011	11	01.97609	03	02	48.52	+22	21	31.6	16.6	VuEV017C01
K11S69R	C2011	11	01.97705	03	02	48.76	+22	21	30.5	16.6	VuEV017C01
K11S69R	C2011	11	01.97801	03	02	48.99	+22	21	29.6	16.8	VuEV017C01
K11S69R	C2011	11	01.97897	03	02	49.22	+22	21	28.4	16.7	VuEV017C01
K11S69R	C2011	11	01.97993	03	02	49.45	+22	21	27.4	16.5	VuEV017C01
K11S69R	C2011	11	03.00456	03	07	18.01	+22	01	43.1		oEV017046
K11S69R	C2011	11	03.00560	03	07	18.27	+22	01	41.9		oEV017046
K11S69R	C2011	11	03.00674	03	07	18.57	+22	01	40.6		oEV017046

K11S69R	C2011	11	03.00766	03	07	18.80	+22	01	39.2		oEV017046
K11S69R	C2011	11	03.00944	03	07	19.24	+22	01	37.4		oEV017046
K11S69R	C2011	11	03.63303	03	10	08.69	+21	48	56.1	16.7	VuEV017379
K11S69R	C2011	11	03.63488	03	10	09.17	+21	48	53.7	16.8	VuEV017379
K11S69R	C2011	11	03.64645	03	10	12.07	+21	48	39.0	16.1	VuEV017379
K11S69R	C2011	11	03.64830	03	10	12.57	+21	48	36.3	16.5	VuEV017379
K11S69R	C2011	11	03.65411	03	10	14.07	+21	48	29.2	16.7	VuEV017379
K11S69R	C2011	11	03.66359	03	10	16.43	+21	48	16.9	16.4	VuEV017379
K11S69R	C2011	11	03.66544	03	10	16.91	+21	48	14.5	16.4	VuEV017379
K11SA2L	C2011	11	03.67887	04	21	51.29	+14	31	45.0	17.5	VuEV017379
K11SA2L	C2011	11	03.69600	04	21	51.69	+14	32	04.3	17.3	VuEV017379
K11SA2L	C2011	11	03.69993	04	21	51.73	+14	32	08.6	17.3	VuEV017379
K11SA2L	C2011	11	03.70942	04	21	51.97	+14	32	18.7	17.3	VuEV017379
K11SA2L	C2011	11	03.71891	04	21	52.16	+14	32	29.1	17.1	VuEV017379
K11SA2L	C2011	11	03.72286	04	21	52.28	+14	32	33.4	17.7	VuEV017379
K11SA2L	C2011	11	03.72471	04	21	52.32	+14	32	35.7	17.7	VuEV017379
K11SA2L	C2011	11	03.72656	04	21	52.34	+14	32	38.0	17.4	VuEV017379
K11SH3D	mC2011	11	03.34099	02	41	52.96	+12	52	37.8		oEV017291
K11SH3D	mC2011	11	03.34424	02	41	52.54	+12	52	35.3		oEV017291
K11T04A	HC2011	11	03.24025	21	44	10.55	+51	17	20.5		oEV017291
K11T04A	HC2011	11	03.24259	21	44	10.42	+51	17	33.4		oEV017291
K11T04A	HC2011	11	03.24443	21	44	10.32	+51	17	43.4		oEV017291
K11T09N	C2011	11	02.99492	02	18	45.77	+00	22	57.4		oEV017046
K11T09N	C2011	11	02.99605	02	18	46.03	+00	22	57.8		oEV017046
K11T09N	C2011	11	02.99701	02	18	46.23	+00	22	58.3		oEV017046
K11T09N	C2011	11	02.99796	02	18	46.43	+00	22	58.9		oEV017046
K11T09N	C2011	11	02.99893	02	18	46.65	+00	22	59.3		oEV017046
K11U00U	mC2011	11	03.43743	04	49	55.97	+15	18	26.9		oEV017291
K11U00U	mC2011	11	03.43895	04	49	56.24	+15	18	23.6		oEV017291
K11U00U	mC2011	11	03.44046	04	49	56.48	+15	18	20.4		oEV017291
K11U10K	HC2011	11	03.28752	03	03	41.60	-09	15	59.2		oEV017291
K11U10K	HC2011	11	03.29111	03	03	41.22	-09	15	58.7		oEV017291
K11U10K	HC2011	11	03.29470	03	03	40.89	-09	15	58.5		oEV017291
K11U20U	HC2011	11	03.25417	00	04	33.25	+21	41	23.2		oEV017291
K11U20U	HC2011	11	03.25651	00	04	33.05	+21	41	23.2		oEV017291
K11U20U	HC2011	11	03.25884	00	04	32.82	+21	41	23.0		oEV017291
K11U21D	KC2011	11	02.09124600	39	31.22	+23	31	50.7		20.4	VoEV017H21
K11U21D	KC2011	11	02.10119400	39	27.00	+23	31	53.5			oEV017H21
K11U21D	KC2011	11	02.11137100	39	22.59	+23	31	54.8		20.1	VoEV017H21
K11U21F	mC2011	11	03.27719	01	07	47.53	-07	44	05.5		oEV017291
K11U21F	mC2011	11	03.28044	01	07	47.34	-07	44	08.6		oEV017291
K11U21F	mC2011	11	03.28368	01	07	47.14	-07	44	11.6		oEV017291
K11U21L	KC2011	11	02.38815	10	36	18.40	-02	17	48.7	18.9	uEV017932
K11U21L	KC2011	11	02.39948	10	36	21.02	-02	18	21.9	19.7	uEV017932
K11U21L	KC2011	11	02.41128	10	36	23.75	-02	18	57.1	18.7	uEV017932
K11U21L	HC2011	11	03.51346	10	40	41.48	-03	13	47.7		oEV017291
K11U21L	HC2011	11	03.51450	10	40	41.73	-03	13	50.9		oEV017291
K11U21L	HC2011	11	03.51553	10	40	41.97	-03	13	54.0		oEV017291
K11U63P	C2011	11	03.13722	00	48	31.82	+41	46	23.9	18.9	VrEV017703
K11U63P	C2011	11	03.14449	00	48	26.35	+41	47	25.3	18.9	VrEV017703
K11U63P	C2011	11	03.15181	00	48	20.73	+41	48	27.3	19.0	VrEV017703
K11U63P	C2011	11	03.15917	00	48	15.01	+41	49	28.5	19.1	VrEV017703
K11U63P	C2011	11	03.16647	00	48	09.39	+41	50	30.3	18.9	VrEV017703
K11U63S	KC2011	11	02.05065	23	19	39.12	+32	14	03.3	19.9	VoEV017H21
K11U63S	KC2011	11	02.05612	23	19	38.50	+32	13	55.1	20.2	VoEV017H21
K11U63S	KC2011	11	02.06014	23	19	38.05	+32	13	48.8	19.6	VoEV017H21
K11U63S	C2011	11	02.91112	23	18	02.95	+31	50	57.8		oEV017046

K11U63S	C2011	11	02.91503	23	18	02.45	+31	50	50.3		oEV017046
K11U63S	C2011	11	02.91630	23	18	02.36	+31	50	49.0		oEV017046
K11U63S	C2011	11	02.91897	23	18	02.02	+31	50	44.0		oEV017046
K11U63Y	HC2011	11	03.24696	23	58	43.69	+30	22	26.5		oEV017291
K11U63Y	HC2011	11	03.24882	23	58	42.82	+30	22	30.0		oEV017291
K11U63Y	HC2011	11	03.25068	23	58	41.98	+30	22	33.3		oEV017291
K11U91S	HC2011	11	03.20371	23	11	18.27	+40	35	06.1		oEV017291
K11U91S	HC2011	11	03.20606	23	11	17.69	+40	35	07.4		oEV017291
K11U91S	HC2011	11	03.20845	23	11	17.11	+40	35	08.3		oEV017291
K11U91T	HC2011	11	03.26178	00	02	15.48	+44	14	21.3		oEV017291
K11U91T	HC2011	11	03.26353	00	02	14.68	+44	14	16.9		oEV017291
K11U91T	HC2011	11	03.26527	00	02	13.87	+44	14	12.0		oEV017291
K11U91T	C2011	11	04.06512	23	56	37.24	+43	37	03.2	18.6	VrEV017703
K11U91T	C2011	11	04.07194	23	56	33.79	+43	36	45.3	18.5	VrEV017703
K11U91T	C2011	11	04.07875	23	56	30.51	+43	36	25.0	18.7	VrEV017703
K11U91T	C2011	11	04.08549	23	56	27.24	+43	36	06.9	19.0	VrEV017703
K11U91T	C2011	11	04.09233	23	56	23.82	+43	35	47.4	18.9	VrEV017703
K11UA6U	C2011	11	02.97458	02	04	12.99	+30	05	54.9		oEV017046
K11UA6U	C2011	11	02.97601	02	04	12.87	+30	05	53.5		oEV017046
K11UA6U	C2011	11	02.97729	02	04	12.73	+30	05	52.8		oEV017046
K11UA6U	C2011	11	02.97854	02	04	12.59	+30	05	51.6		oEV017046
K11UA6U	C2011	11	02.98102	02	04	12.27	+30	05	49.1		oEV017046
K11UA6U	C2011	11	03.26439	02	03	43.92	+30	01	51.7	18.6	VrEV017G96
K11UA6U	C2011	11	03.26837	02	03	43.40	+30	01	48.0	19.3	cEV017704
K11UA6U	C2011	11	03.27405	02	03	42.87	+30	01	43.3	18.5	VrEV017G96
K11UA6U	C2011	11	03.28064	02	03	42.09	+30	01	37.6	19.2	cEV017704
K11UA6U	C2011	11	03.28395	02	03	41.79	+30	01	34.7	18.6	VrEV017G96
K11UA6U	C2011	11	03.29292	02	03	40.76	+30	01	26.6	19.0	cEV017704
K11UA6U	C2011	11	03.29382	02	03	40.71	+30	01	26.1	18.6	VrEV017G96
K11UA6U	C2011	11	03.30555	02	03	39.40	+30	01	15.7	18.9	cEV017704
K11UB4W	HC2011	11	03.38020	03	47	58.92	+15	01	42.2		oEV017291
K11UB4W	HC2011	11	03.38338	03	47	59.18	+15	01	38.5		oEV017291
K11UB4W	HC2011	11	03.38659	03	47	59.43	+15	01	34.8		oEV017291
K11UB4X	mC2011	11	03.44371	04	52	13.40	+01	52	46.9		oEV017291
K11UB4X	mC2011	11	03.44598	04	52	13.74	+01	52	44.7		oEV017291
K11UB4X	mC2011	11	03.44825	04	52	14.07	+01	52	42.2		oEV017291
K11UD1A	mC2011	11	03.39954	04	04	36.59	+08	02	24.3		oEV017291
K11UD1A	mC2011	11	03.40478	04	04	36.25	+08	02	20.9		oEV017291
K11UD1A	mC2011	11	03.40805	04	04	35.99	+08	02	17.6		oEV017291
K11UE7L	C2011	11	03.06935	01	44	01.45	+16	09	20.9	20.3	VoEV017807
K11UE7L	C2011	11	03.07352	01	44	01.58	+16	09	17.8		oEV017807
K11UE7L	C2011	11	03.07769	01	44	01.69	+16	09	14.8		oEV017807
K11UE7L	C2011	11	03.08147	01	44	01.79	+16	09	11.7	20.5	VoEV017807
K11UE7M	HC2011	11	03.35918	03	07	54.98	+23	17	54.8		oEV017291
K11UE7M	HC2011	11	03.36334	03	07	54.67	+23	17	52.2		oEV017291
K11UE7M	HC2011	11	03.36743	03	07	54.31	+23	17	49.8		oEV017291
K11UF8U	C2011	11	03.01727	04	03	19.45	+03	32	16.7		oEV017046
K11UF8U	C2011	11	03.01874	04	03	19.33	+03	32	18.9		oEV017046
K11UF8U	C2011	11	03.02020	04	03	19.26	+03	32	19.9		oEV017046
K11UF8U	C2011	11	03.02194	04	03	19.12	+03	32	21.7		oEV017046
K11UF8U	HC2011	11	03.38917	04	02	58.92	+03	38	28.4		oEV017291
K11UF8U	HC2011	11	03.39235	04	02	58.73	+03	38	31.7		oEV017291
K11UF8U	HC2011	11	03.39558	04	02	58.54	+03	38	35.0		oEV017291
K11UF8V	HC2011	11	03.45129	03	40	05.45	+35	39	12.0		oEV017291
K11UF8V	HC2011	11	03.45330	03	40	05.46	+35	39	16.9		oEV017291
K11UF8V	HC2011	11	03.45529	03	40	05.47	+35	39	21.5		oEV017291
K11UF8W	C2011	11	03.38831	03	53	30.55	+29	49	39.6	20.1	VrEV017G96

K11UF8W	C2011	11	03.39697	03	53	29.50	+29	49	35.2	20.1	VrEV017G96
K11UF8W	C2011	11	03.40567	03	53	28.42	+29	49	31.4	20.3	VrEV017G96
K11UF8W	C2011	11	03.41435	03	53	27.38	+29	49	27.0	19.7	VrEV017G96
K11UF8W	HC2011	11	03.47787	03	53	19.63	+29	48	56.5		oEV017291
K11UF8W	HC2011	11	03.48048	03	53	19.30	+29	48	55.7		oEV017291
K11UF8W	HC2011	11	03.48310	03	53	18.98	+29	48	54.6		oEV017291
K11UG9H	HC2011	11	03.48950	04	51	41.33	+36	55	52.8		oEV017291
K11UG9H	HC2011	11	03.49208	04	51	41.33	+36	55	56.8		oEV017291
K11UG9J	C2011	11	03.34716	02	25	33.34	+31	41	04.2	19.8	VrEV017G96
K11UG9J	C2011	11	03.35470	02	25	32.37	+31	42	31.8	19.6	VrEV017G96
K11UG9J	C2011	11	03.36226	02	25	31.40	+31	43	59.5	19.6	VrEV017G96
K11UG9J	C2011	11	03.36983	02	25	30.46	+31	45	27.2	19.7	VrEV017G96
K11UG9M	KC2011	11	02.20433803	29	38.37	+06	24	06.7		20.8	VoEV017H21
K11UG9M	KC2011	11	02.21204403	29	36.75	+06	23	56.1		20.9	VoEV017H21
K11UG9M	KC2011	11	02.22001003	29	35.11	+06	23	42.9		21.2	VoEV017H21
K11UG9M	C2011	11	03.11904	03	27	06.98	+06	03	55.7	21.0	VoEV017807
K11UG9M	C2011	11	03.12613	03	27	05.69	+06	03	46.5	21.8	VoEV017807
K11UJ0B	mC2011	11	03.42685	04	24	04.81	+10	21	56.1		oEV017291
K11UJ0B	mC2011	11	03.42930	04	24	04.28	+10	21	40.0		oEV017291
K11UJ0B	mC2011	11	03.43175	04	24	03.80	+10	21	25.0		oEV017291
K11UJ2Y	mC2011	11	03.37310	05	52	47.08	+24	53	28.2		oEV017291
K11UJ2Y	mC2011	11	03.37460	05	52	48.31	+24	53	34.0		oEV017291
K11UJ2Y	mC2011	11	03.37602	05	52	49.41	+24	53	39.6		oEV017291
K11UJ3A	C2011	11	03.13254	04	32	17.75	-08	46	01.5	19.5	VoEV017807
K11UJ3A	C2011	11	03.14696	04	32	32.69	-08	48	32.6	19.5	VoEV017807
K11UJ3A	C2011	11	03.15561	04	32	41.61	-08	50	03.1	19.3	VoEV017807
K11UP5Y	C2011	11	03.03325	02	16	09.12	-22	24	45.8	20.0	VoEV017807
K11UP5Y	C2011	11	03.03879	02	16	09.26	-22	25	22.8	20.0	VoEV017807
K11UP5Y	C2011	11	03.04392	02	16	09.44	-22	25	57.2	19.9	VoEV017807
K11UP5Y	C2011	11	03.04851	02	16	09.54	-22	26	28.0	20.0	VoEV017807
K11UP5Z	C2011	11	03.18491	04	25	30.39	+15	47	21.4	20.1	VoEV017807
K11UP5Z	C2011	11	03.19171	04	25	28.35	+15	47	11.5	20.2	VoEV017807
K11UP5Z	C2011	11	03.20161	04	25	25.37	+15	46	56.3	20.1	VoEV017807
K11UP6G	C2011	11	02.96323	02	38	10.80	+18	56	06.4		oEV017046
K11UP6G	C2011	11	02.96442	02	38	10.73	+18	56	02.3		oEV017046
K11UP6G	C2011	11	02.96549	02	38	10.69	+18	55	56.0		oEV017046
K11UP6G	C2011	11	02.96652	02	38	10.68	+18	55	51.9		oEV017046
K11UP6G	C2011	11	02.96760	02	38	10.73	+18	55	47.9		oEV017046
K11UP6G	C2011	11	03.08756	02	38	09.92	+18	47	52.6	19.6	VoEV017807
K11UP6G	C2011	11	03.09151	02	38	09.82	+18	47	36.3	19.5	VoEV017807
K11UP6G	C2011	11	03.09591	02	38	09.73	+18	47	18.0	19.4	VoEV017807
K11UP6G	C2011	11	03.09929	02	38	09.64	+18	47	04.1	19.4	VoEV017807
K11UP6G	C2011	11	03.10198	02	38	09.60	+18	46	53.1	19.4	VoEV017807
K11UR5Z	C2011	11	01.57805	02	29	15.99	-22	22	53.1	18.0	RuEV017D90
K11UR5Z	C2011	11	01.58117	02	29	15.77	-22	22	30.3	18.1	RuEV017D90
K11UR5Z	C2011	11	01.58423	02	29	15.57	-22	22	08.0	18.0	RuEV017D90
K11UR5Z	C2011	11	02.94808	02	28	49.07	-19	31	44.0		oEV017046
K11UR5Z	C2011	11	02.95276	02	28	48.71	-19	31	08.3		oEV017046
K11UR5Z	C2011	11	02.95357	02	28	48.74	-19	31	02.6		oEV017046
K11UR5Z	C2011	11	02.95518	02	28	48.59	-19	30	49.9		oEV017046
K11UR5Z	C2011	11	02.95598	02	28	48.53	-19	30	43.4		oEV017046
K11UR5Z	C2011	11	02.95681	02	28	48.52	-19	30	36.3		oEV017046
K11UR5Z	C2011	11	03.11007	02	28	49.71	-19	07	45.9	18.6	VoEV017807
K11UR5Z	C2011	11	03.11295	02	28	49.52	-19	07	23.3	18.6	VoEV017807
K11UR5Z	C2011	11	03.11576	02	28	49.34	-19	07	01.2	18.4	VoEV017807
K11UR5Z	C2011	11	03.11857	02	28	49.16	-19	06	39.4	18.9	VoEV017807
K11UR5Z	C2011	11	03.12153	02	28	48.96	-19	06	16.0	18.5	VoEV017807

K11UR5Z	C2011	11	03.12432	02	28	48.77	-19	05	54.1	18.6	VoEV017807
K11UR6A	C2011	11	03.21367	01	59	23.48	+07	47	49.5	21.7	VoEV017807
K11UR6A	C2011	11	03.22632	01	59	23.22	+07	49	21.0	20.8	VoEV017807
K11UR6A	C2011	11	03.23604	01	59	23.06	+07	50	31.2	21.2	VoEV017807
K11UR6B	C2011	11	01.47924	01	49	13.98	+04	11	37.1	19.0	RuEV017D90
K11UR6B	C2011	11	01.48553	01	49	11.94	+04	12	08.6	19.1	RuEV017D90
K11UR6B	C2011	11	01.49177	01	49	09.83	+04	12	38.8	19.2	RuEV017D90
K11UR6B	C2011	11	03.07646	01	40	23.54	+06	29	37.8	20.5	VoEV017807
K11UR6B	C2011	11	03.08251	01	40	21.33	+06	30	10.5	20.2	VoEV017807
K11UU5E	mC2011	11	03.50128	09	58	34.45	+29	23	48.2		oEV017291
K11UU5E	mC2011	11	03.50401	09	58	33.76	+29	23	49.2		oEV017291
K11UU5E	mC2011	11	03.50674	09	58	33.07	+29	23	51.0		oEV017291
01620	C2011	11	03.39662	07	18	06.66	+45	02	48.1	17.0	VrEV017703
01620	C2011	11	03.40170	07	18	06.84	+45	02	51.5	17.1	VrEV017703
01620	C2011	11	03.40671	07	18	06.94	+45	02	54.8	17.1	VrEV017703
01620	C2011	11	03.41182	07	18	07.09	+45	02	58.4	17.1	VrEV017703
02201	C2011	10	31.12772	03	18	50.37	+15	36	16.1	16.9	RcEV017J04
02201	C2011	10	31.14913	03	18	48.28	+15	36	08.1	16.9	RcEV017J04
02201	C2011	10	31.17054	03	18	46.18	+15	36	00.5	17.0	RcEV017J04
03553	C2011	11	03.10492	22	58	29.49	+33	39	34.2	18.9	VrEV017703
03553	C2011	11	03.11232	22	58	29.49	+33	39	21.4	19.0	VrEV017703
03553	C2011	11	03.11964	22	58	29.38	+33	39	08.7	19.4	VrEV017703
03553	C2011	11	03.12704	22	58	29.42	+33	38	56.0	19.3	VrEV017703
04183	C2011	11	03.25777	02	22	48.15	+27	36	41.0	17.5	cEV017704
04183	C2011	11	03.27001	02	22	46.67	+27	36	36.9	16.7	cEV017704
04183	C2011	11	03.28229	02	22	45.23	+27	36	32.0	16.8	cEV017704
04183	C2011	11	03.29491	02	22	43.72	+27	36	26.7	17.0	cEV017704
04183	C2011	11	03.30827	02	22	42.17	+27	36	21.1	16.7	cEV017704
12923	C2011	11	03.47378	09	44	04.21	+09	54	15.2	21.2	VoEV017691
12923	C2011	11	03.48647	09	44	04.79	+09	54	12.0	21.1	VoEV017691
12923	C2011	11	03.49917	09	44	05.37	+09	54	09.4	20.6	VoEV017691
16816	C2011	10	30.02295	04	20	45.36	+35	35	21.2	18.6	VuEV017A50
16816	C2011	10	30.04606	04	20	42.86	+35	35	51.1	18.6	VuEV017A50
16816	C2011	10	30.06918	04	20	40.24	+35	36	22.1	18.6	VuEV017A50
24475	C2011	11	03.84080	03	50	57.17	-08	50	54.0	15.8	RvEV017C32
24475	C2011	11	03.84330	03	50	57.09	-08	50	53.2	15.7	RvEV017C32
24475	C2011	11	03.84569	03	50	56.99	-08	50	52.3	15.7	RvEV017C32
26760	C2011	11	03.33771	03	47	08.41	+01	26	50.9	18.4	VrEV017703
26760	C2011	11	03.34859	03	47	07.58	+01	26	48.0	18.3	VrEV017703
26760	C2011	11	03.35944	03	47	06.97	+01	26	44.5	18.3	VrEV017703
26760	C2011	11	03.37031	03	47	06.18	+01	26	41.3	18.6	VrEV017703
32906	C2011	11	03.45286	08	26	57.58	+67	08	42.5	16.8	VrEV017703
32906	C2011	11	03.45737	08	26	59.17	+67	08	42.1	16.7	VrEV017703
32906	C2011	11	03.46194	08	27	00.75	+67	08	41.3	16.7	VrEV017703
32906	C2011	11	03.46654	08	27	02.34	+67	08	41.0	16.8	VrEV017703
67367	C2011	11	03.48895	10	53	19.89	+03	17	18.5	19.3	VrEV017G96
67367	C2011	11	03.49362	10	53	20.83	+03	17	10.3	18.9	VrEV017G96
67367	C2011	11	03.49829	10	53	21.76	+03	17	02.3	18.8	VrEV017G96
67367	C2011	11	03.50299	10	53	22.70	+03	16	54.0	18.9	VrEV017G96
85818	C2011	11	03.31899	04	16	18.99	+31	18	43.9	17.2	cEV017704
85818	C2011	11	03.33135	04	16	17.16	+31	18	16.0	17.6	cEV017704
85818	C2011	11	03.34393	04	16	15.26	+31	17	46.8	17.3	cEV017704
85818	C2011	11	03.35630	04	16	13.44	+31	17	18.9	17.3	cEV017704
85818	C2011	11	03.36877	04	16	11.61	+31	16	50.9	17.3	cEV017704
D6923	C2011	11	03.37355	04	07	24.84	+19	58	42.2	17.1	VoEV017691
D6923	C2011	11	03.39134	04	07	23.11	+19	58	50.2	17.0	VoEV017691
D6923	C2011	11	03.40917	04	07	21.39	+19	58	58.1	16.8	VoEV017691

D7799	C2011	11	03.15350	01	16	53.68	+09	30	35.4	18.2	VrEV017G96
D7799	C2011	11	03.16221	01	16	52.75	+09	30	37.2	18.2	VrEV017G96
D7799	C2011	11	03.17096	01	16	51.81	+09	30	38.8	18.2	VrEV017G96
D7799	C2011	11	03.17974	01	16	50.84	+09	30	40.5	18.2	VrEV017G96
F4302	C2011	11	03.75281	02	31	17.36	+18	59	13.9	16.7	RvEV017C32
F4302	C2011	11	03.75381	02	31	17.22	+18	59	09.3	16.6	RvEV017C32
F4302	C2011	11	03.75491	02	31	17.10	+18	59	04.5	16.6	RvEV017C32
F4302	C2011	11	03.75601	02	31	16.96	+18	59	00.0	16.5	RvEV017C32
F4656	C2011	11	03.68770	19	21	00.22	+00	30	28.4	17.1	RvEV017C32
F4656	C2011	11	03.68972	19	21	00.94	+00	30	36.5	17.4	RvEV017C32
F4656	C2011	11	03.69124	19	21	01.50	+00	30	42.4	17.4	RvEV017C32
F4656	C2011	11	03.69277	19	21	02.02	+00	30	48.0	17.2	RvEV017C32
H3689	C2011	11	03.30704	02	39	02.88	+29	14	33.6	21.8	VrEV017G96
H3689	C2011	11	03.31623	02	39	02.05	+29	14	28.9	21.8	VrEV017G96
H3689	C2011	11	03.32554	02	39	01.33	+29	14	24.6	22.2	VrEV017G96
H3689	C2011	11	03.33483	02	39	00.43	+29	14	19.7	21.4	VrEV017G96

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