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MPEC 2014-U54 : DAILY ORBIT UPDATE (2014 OCT. 25 UT)

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M.P.E.C. 2014-U54

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

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DAILY ORBIT UPDATE (2014 OCT. 25 UT)

Update to [MPEC 2014-U41](#)

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

Erroneous identifications:

K10EG8K K14T38M E2014-U10
K14SH4A K06J65U E2014-T62

New old-numbered orbit:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
02340	20.0	0.15	K14C9	155.976	39.982	211.448	5.856	0.44992	0.84389	10	W

New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
J95S28T	18.2	0.15	K14C9	45.842	182.554	159.587	0.797	0.22072	2.41551	4	X
J95S34C	17.2	0.15	K14C9	8.870	218.022	170.184	3.623	0.08192	2.79950	6	X
J95S80L	17.5	0.15	K14C9	1.289	181.814	225.441	1.547	0.09902	2.81058	8	X
J95U10E	18.0	0.15	K14C9	48.566	111.652	240.096	0.722	0.19386	2.41798	6	X
J96R16G	17.9	0.15	K14C9	42.248	168.050	178.346	4.435	0.25242	2.70136	3	X
J97R07N	17.8	0.15	K14C9	354.815	233.859	175.858	6.487	0.36087	2.62079	4	X
J97V04M	18.3	0.15	K14C9	345.845	124.685	45.699	14.185	0.81319	2.62119	2	X
J98S05E	16.5	0.15	K14C9	21.319	100.367	249.044	19.991	0.35267	3.05480	3	X
J99T64A	18.2	0.15	K14C9	11.793	30.336	357.653	3.060	0.19571	2.39941	3	X
J99T84M	17.5	0.15	K14C9	98.988	281.931	21.941	6.616	0.11437	2.39782	7	X
J99U18E	16.9	0.15	K14C9	40.087	305.649	31.675	11.823	0.16832	2.92453	4	X
J99XE1M	19.5	0.15	K14C9	276.593	105.721	73.043	21.619	0.36934	1.23639	3	X
K00H45P	18.1	0.15	K14C9	130.557	207.133	39.232	6.792	0.24455	2.21782	4	X
K00S83O	18.3	0.15	K14C9	47.706	299.212	37.064	5.621	0.28054	2.29750	3	X
K00SZ9V	17.7	0.15	K14C9	34.491	119.548	235.953	4.530	0.19747	2.29992	3	X
K00T51S	17.9	0.15	K14C9	17.908	173.448	199.329	10.263	0.21524	2.30896	4	X
K00U72V	15.9	0.15	K14C9	51.478	111.915	234.791	6.560	0.24195	2.77926	6	X
K00W03A	15.5	0.15	K14C9	43.096	121.892	259.840	31.613	0.33531	2.76126	4	X
K00W66C	16.9	0.15	K14C9	332.491	198.394	243.943	22.334	0.21650	2.31632	4	X
K00WH6Z	18.3	0.15	K14C9	9.071	299.398	111.143	2.531	0.25040	2.30501	4	X
K01A49Q	15.8	0.15	K14C9	322.978	229.717	169.674	3.009	0.26196	3.96294	4	X
K01N13H	17.0	0.15	K14C9	32.734	300.101	46.820	6.262	0.31256	2.61543	5	X
K01O22W	17.2	0.15	K14C9	45.683	135.306	244.153	19.927	0.07798	1.86845	5	X
K01P04S	16.6	0.15	K14C9	73.881	327.281	339.565	23.077	0.21444	2.17551	4	X
K01P16C	18.1	0.15	K14C9	16.071	0.820	347.936	4.679	0.20902	2.19311	5	X
K01Q09J	15.8	0.15	K14C9	37.074	27.417	331.961	14.474	0.16870	2.60739	6	X
K01QN2B	17.6	0.15	K14C9	7.691	178.466	173.233	16.121	0.31098	2.66767	2	X
K01R30B	17.1	0.15	K14C9	357.701	24.528	344.978	16.161	0.27901	2.67546	3	X
K01RC7B	16.9	0.15	K14C9	30.378	326.287	25.111	6.677	0.23359	2.64142	5	X
K01RD2M	18.2	0.15	K14C9	62.077	210.292	119.070	3.062	0.19600	2.17491	6	X

K08D31R 16.3 0.15 K14C9 39.957 140.848 157.128 21.512 0.10907 2.80034 2 X
 K08D77X 17.4 0.15 K14C9 113.418 256.918 6.334 7.145 0.02577 2.63015 4 X
 K08E19Y 16.0 0.15 K14C9 36.626 17.445 0.112 11.028 0.14471 2.55104 4 X
 K08ED6L 17.2 0.15 K14C9 315.997 284.572 170.497 13.053 0.15540 2.53303 4 X
 K08F07V 16.7 0.15 K14C9 21.074 179.033 178.288 13.112 0.04909 2.62371 4 X
 K08F69M 17.0 0.15 K14C9 274.517 95.921 42.778 12.888 0.12332 2.59106 5 X
 K08FC6V 16.8 0.15 K14C9 192.003 161.665 56.742 14.659 0.19604 2.64671 4 X
 K08FC7D 17.3 0.15 K14C9 116.710 79.437 199.990 12.917 0.13441 2.78695 5 X
 K08G30S 17.3 0.15 K14C9 128.813 166.923 99.043 2.789 0.03704 2.64438 6 X
 K08G34Z 17.2 0.15 K14C9 114.092 69.495 192.827 7.654 0.16841 2.76161 5 X
 K08G36H 16.4 0.15 K14C9 0.641 7.043 59.021 16.199 0.08863 2.58601 6 X
 K08G88B 16.7 0.15 K14C9 120.497 245.462 34.473 6.772 0.15736 2.69657 5 X
 K08G88V 17.0 0.15 K14C9 29.321 162.050 198.440 9.148 0.06459 2.68660 6 X
 K08G93O 17.8 0.15 K14C9 151.291 117.064 123.183 3.127 0.14663 2.63103 5 X
 K08GC4E 17.2 0.15 K14C9 91.278 273.930 20.610 21.501 0.10353 1.91061 3 X
 K08GD7S 17.3 0.15 K14C9 225.669 332.125 201.447 11.366 0.12882 2.66154 5 X
 K08H22R 17.2 0.15 K14C9 87.154 80.282 216.044 5.013 0.07052 2.72021 4 X
 K08H32Z 17.7 0.15 K14C9 269.737 82.095 77.829 5.445 0.16773 2.54551 6 X
 K08J22Y 17.3 0.15 K14C9 231.350 340.458 197.278 13.023 0.20399 2.59704 4 X
 K08O10G 16.2 0.15 K14C9 65.836 117.549 181.161 10.025 0.07208 3.12225 7 X
 K08Q17X 16.5 0.15 K14C9 10.816 178.671 198.303 10.584 0.20750 3.18591 2 X
 K08Q31W 16.0 0.15 K14C9 28.258 163.455 186.251 14.976 0.22238 3.20570 2 X
 K08Q45Y 16.1 0.15 K14C9 44.713 87.121 251.619 14.664 0.27996 3.14327 5 X
 K08R33A 16.5 0.15 K14C9 337.080 238.782 203.395 4.889 0.17075 3.13835 4 X
 K08RA4Q 17.1 0.15 K14C9 5.720 18.475 41.319 1.064 0.18186 3.10146 8 X
 K08RB3U 16.5 0.15 K14C9 344.091 220.220 195.058 4.919 0.12092 3.21014 3 X
 K08RC5U 16.0 0.15 K14C9 39.502 168.232 198.230 9.614 0.09226 3.10431 4 X
 K08RE2N 15.4 0.15 K14C9 18.601 140.643 235.677 15.452 0.20955 3.18577 2 X
 K08S37E 16.4 0.15 K14C9 308.341 263.569 186.970 9.355 0.03500 3.25020 3 X
 K08SB8H 16.5 0.15 K14C9 8.805 344.198 18.815 5.911 0.12636 3.42480 2 X
 K08SD3Y 16.5 0.15 K14C9 338.995 248.259 181.499 8.527 0.22061 3.14116 4 X
 K08SD9D 16.4 0.15 K14C9 6.538 319.333 95.544 5.233 0.11621 3.21908 5 X
 K08SH0C 16.4 0.15 K14C9 114.455 75.574 199.616 8.880 0.05483 3.15874 5 X
 K08SQ3V 16.6 0.15 K14C9 24.204 339.439 57.660 2.997 0.12516 3.17963 3 X
 K08SQ7C 15.4 0.15 K14C9 62.337 283.755 58.076 16.900 0.21938 3.13428 3 X
 K08SS6W 15.4 0.15 K14C9 36.195 106.042 264.724 14.197 0.26806 3.16565 5 X
 K08ST1J 15.2 0.15 K14C9 50.172 61.783 285.198 15.289 0.23854 3.12362 4 X
 K08SU3D 16.3 0.15 K14C9 94.109 72.798 209.415 25.158 0.31232 3.13239 4 X
 K08T44C 16.6 0.15 K14C9 40.945 331.857 26.224 5.537 0.16940 3.28390 3 X
 K08T44O 16.4 0.15 K14C9 39.399 337.615 35.967 1.592 0.15817 3.23060 6 X
 K08T65C 16.9 0.15 K14C9 32.776 154.542 212.110 14.290 0.26596 3.20260 2 X
 K08TDOO 16.4 0.15 K14C9 25.416 122.063 261.164 3.401 0.16496 3.22426 4 X
 K08TF6Z 16.3 0.15 K14C9 30.054 308.220 48.066 5.682 0.17050 3.20285 4 X
 K08TH3Q 16.7 0.15 K14C9 70.024 15.799 300.144 5.969 0.14096 3.20175 3 X
 K08TH5Q 15.6 0.15 K14C9 44.028 304.893 67.517 17.740 0.22269 3.12397 3 X
 K08U13X 16.5 0.15 K14C9 351.683 221.686 211.733 11.408 0.12446 3.14718 4 X
 K08UB7G 16.0 0.15 K14C9 98.676 102.417 257.296 8.323 0.02540 3.03435 5 X
 K08UOOF 15.7 0.15 K14C9 73.000 127.673 253.065 14.795 0.06032 3.07212 5 X
 K08UP4B 15.5 0.15 K14C9 235.628 330.940 230.513 10.052 0.09211 3.19638 6 X
 K08UTOW 15.5 0.15 K14C9 251.968 296.943 243.174 9.476 0.05184 3.17510 4 X
 K08W22P 16.3 0.15 K14C9 352.523 199.386 236.550 14.486 0.02228 3.17298 3 X
 K08W78H 16.4 0.15 K14C9 10.005 252.172 196.715 4.660 0.11849 3.16277 6 X
 K08WC5P 15.5 0.15 K14C9 306.079 294.369 297.485 24.012 0.33061 3.18293 4 X
 K08X47L 16.1 0.15 K14C9 359.422 215.326 287.793 16.295 0.26352 3.14489 4 X
 K08Y10U 16.2 0.15 K14C9 9.834 234.675 248.281 9.006 0.24818 3.07250 4 X
 K09B31Y 18.3 0.15 K14C9 33.704 270.064 104.714 4.917 0.11518 2.19206 5 X
 K09B46Y 18.0 0.15 K14C9 251.458 2.674 159.411 4.144 0.11976 2.24495 5 X
 K09BA3M 18.5 0.15 K14C9 338.132 244.807 185.759 1.776 0.11920 2.21323 4 X
 K09BF0T 17.4 0.15 K14C9 252.073 270.250 259.109 4.287 0.04898 2.20356 6 X
 K09C51G 17.5 0.15 K14C9 337.705 331.537 111.476 3.034 0.11190 2.18727 5 X
 K09D01V 18.4 0.15 K14C9 319.002 290.528 162.818 1.779 0.10700 2.21923 5 X
 K09D21L 17.9 0.15 K14C9 118.193 256.073 34.249 1.931 0.10123 2.23664 5 X
 K09D29U 17.9 0.15 K14C9 84.680 139.720 155.289 1.963 0.19148 2.41042 5 X
 K09D72T 18.4 0.15 K14C9 327.933 302.109 162.043 3.007 0.11015 2.18462 5 X
 K09D80A 17.6 0.15 K14C9 239.847 121.659 44.215 2.420 0.09617 2.29345 6 X
 K09DA5S 18.3 0.15 K14C9 221.077 3.907 182.786 3.751 0.10223 2.31548 4 X
 K09DC2Q 17.9 0.15 K14C9 321.786 68.876 16.832 2.976 0.11301 2.27233 5 X
 K09DD8G 18.1 0.15 K14C9 146.467 62.586 185.190 6.090 0.06552 2.35550 5 X
 K09F68A 18.1 0.15 K14C9 206.608 57.164 138.891 1.974 0.13015 2.35950 5 X
 K09G00S 17.7 0.15 K14C9 211.896 20.706 176.228 5.964 0.17478 2.33395 7 X
 K09H45C 17.0 0.15 K14C9 171.020 183.132 43.166 13.281 0.11839 2.41533 5 X
 K09H69T 18.1 0.15 K14C9 133.509 190.289 63.357 2.370 0.14242 2.46892 5 X
 K09K07Q 17.7 0.15 K14C9 170.255 166.717 53.999 2.174 0.14162 2.42578 7 X
 K09K11P 17.7 0.15 K14C9 157.935 182.522 76.076 7.362 0.09673 2.39761 3 X
 K09P02H 16.1 0.15 K14C9 12.516 91.053 306.592 13.427 0.19620 2.73613 6 X
 K09P09K 16.7 0.15 K14C9 357.633 78.563 349.865 12.275 0.19221 2.75889 4 X
 K09P21P 16.9 0.15 K14C9 59.725 113.905 219.233 13.312 0.12807 2.76960 6 X
 K09Q03C 17.1 0.15 K14C9 31.886 183.918 180.744 5.455 0.04513 2.74982 5 X
 K09R04P 17.0 0.15 K14C9 54.308 147.750 184.627 7.830 0.22849 2.78292 4 X
 K09R20C 17.2 0.15 K14C9 41.976 150.654 241.305 5.801 0.26978 2.70556 6 X
 K09R20Y 17.4 0.15 K14C9 21.348 336.836 32.313 2.354 0.07749 2.88720 5 X
 K09R45F 16.9 0.15 K14C9 55.368 302.010 8.817 10.891 0.13430 2.98707 4 X
 K09R48X 17.1 0.15 K14C9 43.009 321.621 24.230 2.219 0.07617 2.91402 5 X
 K09R58D 16.3 0.15 K14C9 340.208 36.311 339.943 11.676 0.14836 3.10796 5 X
 K09R70Z 18.2 0.15 K14C9 35.709 159.069 223.305 20.471 0.12903 1.80599 5 X
 K09S20H 15.7 0.15 K14C9 96.535 65.518 233.347 16.646 0.18133 2.77432 5 X
 K09S29K 17.2 0.15 K14C9 73.320 157.642 178.097 3.434 0.09865 2.79318 5 X
 K09S30C 17.2 0.15 K14C9 19.671 336.617 19.303 9.642 0.14914 2.96326 3 X
 K09S30J 17.0 0.15 K14C9 64.964 181.527 146.771 2.696 0.06891 2.87142 7 X
 K09S95Z 17.3 0.15 K14C9 13.462 335.931 45.605 2.609 0.08226 2.87884 2 X
 K09SC8K 17.1 0.15 K14C9 46.696 127.483 246.681 3.320 0.08174 2.77843 8 X
 K09SE9X 16.5 0.15 K14C9 32.254 151.057 203.269 8.124 0.07454 2.88928 5 X
 K09SFLJ 16.1 0.15 K14C9 321.710 141.379 287.784 1.133 0.03559 2.89830 6 X
 K09SF3Z 17.4 0.15 K14C9 346.009 238.103 180.863 1.485 0.16185 2.88303 6 X
 K09SH2H 16.9 0.15 K14C9 11.530 222.759 140.799 2.949 0.17779 3.02171 4 X
 K09SK4Y 16.3 0.15 K14C9 339.614 30.126 24.540 17.475 0.02691 2.96411 3 X
 K09SL3H 16.7 0.15 K14C9 13.731 16.119 34.753 6.213 0.04329 2.79830 4 X

K10S30H	17.9	0.15	K14C9	350.565	199.874	179.543	7.010	0.27559	2.62863	4	X
K10T19M	15.6	0.15	K14C9	12.620	180.267	186.932	33.025	0.16747	2.61740	4	X
K10T25E	17.3	0.15	K14C9	12.817	160.066	186.449	4.801	0.31946	2.62972	2	X
K10T31T	18.2	0.15	K14C9	45.393	95.415	256.425	0.549	0.20186	2.45076	3	X
K10T58J	18.0	0.15	K14C9	33.202	274.873	82.969	2.615	0.19729	2.44515	4	X
K10T79L	17.9	0.15	K14C9	321.009	248.453	186.714	8.325	0.13861	2.56963	4	X
K10T88S	18.1	0.15	K14C9	356.489	229.477	166.922	4.522	0.21438	2.53801	3	X
K10TC6X	17.3	0.15	K14C9	83.303	193.701	112.026	2.983	0.18463	2.47246	6	X
K10TC7N	17.4	0.15	K14C9	86.357	276.959	55.604	6.683	0.08139	2.40320	7	X
K10TG9D	17.3	0.15	K14C9	33.764	322.801	13.657	14.953	0.18491	2.58720	3	X
K10U09R	17.7	0.15	K14C9	2.406	346.054	37.545	2.431	0.21509	2.59739	3	X
K10U12X	17.7	0.15	K14C9	30.804	322.228	14.750	2.434	0.21311	2.60906	6	X
K10U13J	18.3	0.15	K14C9	21.908	61.053	288.314	0.590	0.33787	2.57588	3	X
K10U16Y	18.2	0.15	K14C9	35.484	134.286	199.100	2.015	0.23914	2.58324	2	X
K10U26E	16.9	0.15	K14C9	316.944	44.750	42.570	12.751	0.16363	2.63974	3	X
K10U27F	17.6	0.15	K14C9	354.444	184.765	227.531	3.577	0.20160	2.57846	4	X
K10U50K	17.8	0.15	K14C9	346.160	7.216	40.759	2.578	0.19494	2.64632	3	X
K10U55S	18.0	0.15	K14C9	353.551	187.576	227.807	5.406	0.25549	2.57574	2	X
K10U58K	16.9	0.15	K14C9	5.891	138.298	246.463	12.477	0.27098	2.62215	3	X
K10U70W	17.7	0.15	K14C9	15.680	139.280	225.223	31.915	0.32328	2.57985	2	X
K10U72K	16.2	0.15	K14C9	40.566	295.391	41.716	11.318	0.27984	2.59318	3	X
K10U75D	18.1	0.15	K14C9	1.832	247.202	154.149	3.582	0.12810	2.53464	3	X
K10U76Q	17.3	0.15	K14C9	4.433	39.236	322.773	4.755	0.35116	2.64376	3	X
K10U81B	16.3	0.15	K14C9	43.072	288.917	46.209	12.714	0.17414	2.60859	3	X
K10U94B	17.4	0.15	K14C9	13.344	196.980	188.192	3.749	0.13523	2.54870	5	X
K10U96V	16.7	0.15	K14C9	342.561	48.901	7.098	31.836	0.26130	2.60273	3	X
K10UA3J	17.9	0.15	K14C9	65.227	184.527	131.535	2.187	0.16576	2.59205	4	X
K10UA6C	16.2	0.15	K14C9	41.400	328.220	27.793	20.547	0.29829	2.52550	6	X
K10UA7N	18.2	0.15	K14C9	30.432	292.450	60.876	4.953	0.30135	2.55784	4	X
K10V11O	15.9	0.15	K14C9	5.040	152.667	287.233	32.435	0.17327	2.61582	3	X
K10V15J	17.4	0.15	K14C9	349.927	27.893	27.733	13.419	0.16721	2.57411	4	X
K10V22F	17.2	0.15	K14C9	55.909	290.129	43.507	4.683	0.06137	2.64462	5	X
K10V24P	17.6	0.15	K14C9	43.898	131.254	230.764	6.025	0.20900	2.51655	5	X
K10V30R	16.3	0.15	K14C9	32.095	142.434	192.981	12.511	0.12582	2.63896	6	X
K10V30Y	17.0	0.15	K14C9	44.319	131.930	202.231	7.185	0.18816	2.60178	4	X
K10V34C	18.2	0.15	K14C9	349.346	23.091	46.676	3.569	0.23258	2.55777	3	X
K10V38J	16.8	0.15	K14C9	330.892	269.049	146.928	3.835	0.09765	2.66979	6	X
K10V47E	17.2	0.15	K14C9	85.132	32.009	279.848	2.759	0.15479	2.58424	8	X
K10V49N	16.9	0.15	K14C9	21.113	328.610	26.641	12.477	0.20535	2.62869	5	X
K10V70S	16.9	0.15	K14C9	333.035	54.775	5.889	5.336	0.18907	2.65000	6	X
K10V71H	17.7	0.15	K14C9	350.480	295.969	120.087	5.437	0.25426	2.58690	3	X
K10V76M	17.6	0.15	K14C9	56.538	266.959	56.947	4.720	0.20447	2.55559	5	X
K10V83H	18.3	0.15	K14C9	348.533	133.899	295.483	0.181	0.20370	2.56724	3	X
K10V84P	17.8	0.15	K14C9	346.992	11.571	51.086	3.403	0.17725	2.60877	3	X
K10V84Q	17.0	0.15	K14C9	34.343	292.768	64.734	2.423	0.06455	2.67284	4	X
K10V85C	16.9	0.15	K14C9	251.625	295.040	237.770	12.447	0.08580	2.57657	3	X
K10V86A	17.1	0.15	K14C9	324.476	32.113	60.473	5.689	0.16759	2.62373	4	X
K10V96T	17.6	0.15	K14C9	31.045	194.687	219.267	6.436	0.18320	2.40019	4	X
K10VA8E	17.6	0.15	K14C9	16.214	215.407	167.437	4.224	0.12935	2.56812	4	X
K10VB6G	17.8	0.15	K14C9	31.344	354.685	0.605	4.968	0.21374	2.59479	2	X
K10VC5K	18.5	0.15	K14C9	356.819	24.205	15.760	4.595	0.30172	2.59229	2	X
K10VD7H	17.2	0.15	K14C9	9.151	178.453	169.443	2.940	0.23536	2.72214	6	X
K10VG3W	16.5	0.15	K14C9	20.771	106.775	251.886	11.733	0.19762	2.66005	5	X
K10VG4K	16.8	0.15	K14C9	52.565	296.026	56.059	15.731	0.16367	2.54891	2	X
K10VG5R	18.3	0.15	K14C9	352.215	9.543	38.345	6.727	0.29192	2.59646	2	X
K10VH6U	17.3	0.15	K14C9	357.717	41.107	5.231	8.087	0.19840	2.58639	3	X
K10VI9G	17.9	0.15	K14C9	5.868	158.847	250.333	2.890	0.17086	2.55742	3	X
K10VJ2J	17.7	0.15	K14C9	2.785	49.158	6.408	3.120	0.24161	2.54754	4	X
K10VJ3H	17.4	0.15	K14C9	320.437	50.624	20.036	5.389	0.12433	2.70553	3	X
K10VJ6N	17.2	0.15	K14C9	283.147	130.635	22.625	4.449	0.17493	2.52917	5	X
K10VJ9B	17.3	0.15	K14C9	36.069	122.054	222.590	9.597	0.22352	2.60666	5	X
K10VK4Q	17.3	0.15	K14C9	9.963	0.000	11.324	3.238	0.09253	2.62828	5	X
K10VK6B	18.3	0.15	K14C9	3.371	96.234	337.226	0.789	0.16996	2.44128	6	X
K10VK7D	16.3	0.15	K14C9	88.731	50.185	231.934	14.176	0.11244	2.67519	6	X
K10VK7U	17.8	0.15	K14C9	32.157	121.404	230.392	6.562	0.17429	2.57796	3	X
K10VL2D	17.0	0.15	K14C9	351.083	357.730	33.985	6.440	0.09783	2.66453	4	X
K10W02S	17.7	0.15	K14C9	5.098	305.198	91.858	3.143	0.16042	2.60003	2	X
K10W06W	17.6	0.15	K14C9	13.143	305.585	74.538	1.307	0.19317	2.63161	4	X
K10W50X	17.1	0.15	K14C9	127.492	220.223	49.601	6.667	0.12791	2.53283	6	X
K10W68C	17.1	0.15	K14C9	8.934	67.773	338.808	2.183	0.17359	2.57226	5	X
K10W70C	17.1	0.15	K14C9	14.032	224.821	175.695	4.443	0.26451	2.54524	3	X
K10X08V	17.3	0.15	K14C9	324.395	250.639	189.615	5.532	0.05524	2.69356	5	X
K10X09X	17.6	0.15	K14C9	33.238	178.733	189.963	4.181	0.22176	2.57092	2	X
K10X11C	18.6	0.15	K14C9	330.237	121.192	94.310	9.104	0.84998	2.51553	3	X
K10X12Q	16.9	0.15	K14C9	333.777	28.007	26.482	6.563	0.12383	2.67908	5	X
K10X18P	16.8	0.15	K14C9	18.155	201.497	170.352	5.950	0.29797	2.61385	7	X
K10X21S	17.1	0.15	K14C9	342.041	42.676	15.620	6.328	0.25013	2.65457	4	X
K10X22P	17.5	0.15	K14C9	332.267	6.462	65.742	5.437	0.04625	2.62870	4	X
K10X38J	17.0	0.15	K14C9	310.729	33.622	76.548	6.079	0.11458	2.72087	5	X
K10X40B	17.2	0.15	K14C9	26.158	333.125	42.387	5.234	0.31694	2.60268	4	X
K10X42Y	16.9	0.15	K14C9	16.083	174.257	196.815	14.336	0.26501	2.62344	4	X
K10X43E	16.5	0.15	K14C9	7.257	349.525	102.423	13.470	0.10063	2.56266	6	X
K10X57M	17.0	0.15	K14C9	17.246	284.122	87.175	4.755	0.22948	2.66892	5	X
K10X83F	17.4	0.15	K14C9	336.343	348.263	87.655	3.216	0.18262	2.64317	3	X
K10X85B	16.8	0.15	K14C9	357.914	157.720	239.926	11.865	0.16077	2.67421	6	X
K10Y04N	17.8	0.15	K14C9	345.974	52.599	24.858	4.666	0.36075	2.61185	3	X
K11A24F	16.8	0.15	K14C9	284.063	41.699	106.551	5.292	0.18129	2.76945	5	W
K11A32K	17.9	0.15	K14C9	337.271	49.137	29.516	2.478	0.26574	2.69963	5	X
K11A33G	17.0	0.15	K14C9	29.248	296.028	93.486	6.942	0.04547	2.75104	8	X
K11A33T	17.0	0.15	K14C9	34.996	351.584	22.673	4.916	0.08471	2.77920	5	X
K11A41L	17.4	0.15	K14C9	277.023	140.412	8.711	4.434	0.09056	2.77221	6	X
K11A66G	17.3	0.15	K14C9	3.646	297.681	118.196	3.939	0.16153	2.73754	6	X
K11B24J	17.8	0.15	K14C9	26.524	188.732	191.121	8.039	0.63749	2.40960	4	X
K11B56R	16.9	0.15	K14C9	345.216	2.399	77.613	8.419	0.11562	2.76862	6	X
K11BA9X	17.0	0.15	K14C9	297.500	255.771	208.806	8.021	0.09524	3.02641	3	X
K11BB6F	17.5	0.15	K14C9	332.570	329.323	119.045	4.131	0.14797	2.74613	6	X
K11BB9H	17.1	0.15	K14C9	352.724	330.609	101.063	6.042	0.07085	2.80501	8	X

K11C15Q	16.8	0.15	K14C9	290.410	86.694	12.468	4.447	0.13629	3.04857	5	X
K11C26E	16.7	0.15	K14C9	14.813	276.117	128.040	4.724	0.10017	2.79649	7	X
K11C34X	16.8	0.15	K14C9	338.854	122.895	319.067	7.080	0.22227	2.79692	6	X
K11C60B	16.8	0.15	K14C9	357.290	217.762	162.232	2.121	0.11835	3.15095	5	X
K11C86G	16.3	0.15	K14C9	276.646	287.385	187.474	11.224	0.14158	3.11593	4	X
K11D03D	17.4	0.15	K14C9	313.012	110.557	16.333	2.941	0.23299	2.76576	7	X
K11D19N	16.4	0.15	K14C9	212.603	63.776	149.213	4.808	0.10859	3.01547	6	X
K11D21B	16.5	0.15	K14C9	239.492	92.410	136.198	3.529	0.06128	2.66367	9	X
K11D30N	15.6	0.15	K14C9	194.307	179.649	41.637	13.026	0.10358	3.09226	7	X
K11E23C	15.9	0.15	K14C9	302.040	86.058	24.027	11.837	0.07097	3.11825	4	X
K11E27O	16.8	0.15	K14C9	259.048	53.908	94.395	2.543	0.13614	3.15898	5	X
K11E51M	21.9	0.15	K14C9	108.392	142.248	134.225	1.866	0.33515	1.32099	4	X
K11E69Q	15.6	0.15	K14C9	338.113	266.949	151.736	11.023	0.13140	3.31070	7	X
K11E81T	16.8	0.15	K14C9	312.528	54.463	51.881	3.167	0.11408	3.01724	8	X
K11E84O	16.4	0.15	K14C9	285.273	86.088	46.439	4.768	0.09682	3.12069	6	X
K11E86B	15.9	0.15	K14C9	203.589	170.426	65.906	12.812	0.06468	3.03317	6	X
K11F05S	17.2	0.15	K14C9	285.841	353.651	131.503	1.863	0.14564	3.01337	6	X
K11F18C	16.9	0.15	K14C9	274.598	304.070	196.972	10.041	0.22348	3.12132	4	X
K11F28D	15.8	0.15	K14C9	335.001	238.865	213.088	10.307	0.08830	3.00300	9	X
K11F28K	16.3	0.15	K14C9	248.810	333.323	193.896	7.650	0.22925	3.16258	5	X
K11F28N	16.0	0.15	K14C9	256.228	315.319	199.756	16.654	0.19156	3.14023	6	X
K11F42U	15.8	0.15	K14C9	291.138	101.544	20.336	16.195	0.19751	3.13803	3	X
K11FD1Z	16.4	0.15	K14C9	272.534	135.152	359.527	16.631	0.19846	3.16472	3	X
K11FF6Y	15.6	0.15	K14C9	303.042	64.134	28.454	11.223	0.04455	3.22933	5	X
K11FF7P	16.1	0.15	K14C9	118.113	199.797	173.598	10.235	0.06504	2.67714	7	X
K11G42K	16.0	0.15	K14C9	295.873	248.343	245.974	8.386	0.05049	3.17212	4	X
K11G63B	15.4	0.15	K14C9	301.845	55.126	68.358	14.626	0.04027	3.16834	6	X
K11G79C	16.0	0.15	K14C9	292.597	282.238	200.420	15.173	0.21400	3.14261	7	X
K11H00F	20.4	0.15	K14C9	47.352	149.563	204.931	10.621	0.23486	1.28373	2	X
K11H65X	16.6	0.15	K14C9	261.735	349.722	168.810	4.647	0.10939	3.19983	5	X
K11J08H	15.6	0.15	K14C9	263.504	123.156	67.382	27.972	0.14006	3.11323	5	X
K11K43G	16.5	0.15	K14C9	285.995	103.389	64.583	14.913	0.12292	3.10319	5	X
K11P00T	23.9	0.15	K14C9	43.732	298.760	71.093	2.213	0.21463	1.31232	2	X
K11P13P	17.5	0.15	K14C9	66.528	10.665	321.174	17.093	0.07835	1.95647	5	X
K11R17B	18.0	0.15	K14C9	33.974	322.999	8.608	6.242	0.38086	2.13133	3	X
K11U21L	15.7	0.15	K14C9	342.707	284.724	275.609	34.848	0.65317	2.12250	5	X
K11UG3B	18.2	0.15	K14C9	33.854	64.934	284.611	1.896	0.20674	2.14976	3	X
K11UX6E	18.4	0.15	K14C9	21.405	180.369	182.233	5.970	0.15795	2.12861	3	X
K11W39D	19.3	0.15	K14C9	220.599	349.207	240.909	59.492	0.54127	1.30194	2	W
K11W70O	17.4	0.15	K14C9	220.318	124.702	61.702	6.417	0.07196	2.21775	6	X
K11Y26L	18.3	0.15	K14C9	310.277	284.065	181.704	2.583	0.16875	2.30240	5	X
K11Y74C	18.2	0.15	K14C9	13.965	350.044	38.340	7.582	0.14010	2.23534	4	X
K12B00C	17.5	0.15	K14C9	203.855	101.998	96.689	2.462	0.14129	2.44875	7	X
K12B09V	18.3	0.15	K14C9	307.408	282.536	187.621	4.421	0.15512	2.35507	5	X
K12B11V	17.9	0.15	K14C9	358.802	324.439	91.982	4.515	0.12964	2.27939	6	X
K12B24Z	17.8	0.15	K14C9	227.536	108.680	88.288	7.316	0.09204	2.38738	3	X
K12B26G	17.8	0.15	K14C9	274.523	352.790	144.458	1.788	0.12459	2.37937	4	X
K12B67Z	17.9	0.15	K14C9	336.377	245.318	165.318	2.967	0.07321	2.44514	5	X
K12B82Q	18.2	0.15	K14C9	312.154	350.688	118.118	4.618	0.07069	2.30301	5	X
K12B88N	17.3	0.15	K14C9	279.294	73.896	29.476	3.629	0.03448	2.53561	6	X
K12B88P	18.4	0.15	K14C9	292.409	106.748	12.032	3.860	0.13815	2.35834	6	X
K12BC4N	18.1	0.15	K14C9	266.028	336.246	172.629	2.491	0.13354	2.38277	5	X
K12BD7M	18.7	0.15	K14C9	354.983	326.341	106.097	2.875	0.15899	2.24340	4	X
K12C02L	18.3	0.15	K14C9	348.811	285.255	146.829	36.002	0.50448	2.19005	2	X
K12C08T	18.6	0.15	K14C9	330.328	274.772	169.485	2.129	0.16303	2.31774	4	X
K12C13B	17.4	0.15	K14C9	19.864	49.243	336.692	12.959	0.25165	2.33108	4	X
K12C16F	16.0	0.15	K14C9	53.382	312.470	327.730	10.456	0.10408	3.16936	4	X
K12C21L	17.8	0.15	K14C9	355.578	248.691	161.588	1.341	0.17827	2.37076	5	X
K12C35J	18.6	0.15	K14C9	278.153	135.326	11.219	0.535	0.15728	2.36431	5	X
K12D02Q	16.5	0.15	K14C9	129.558	169.114	56.123	5.033	0.07906	3.06713	3	X
K12D13G	18.5	0.15	K14C9	302.181	322.915	155.901	2.341	0.19037	2.34527	4	X
K12D13U	16.7	0.15	K14C9	157.080	66.285	179.741	4.920	0.10741	2.80015	6	X
K12D19Z	17.0	0.15	K14C9	229.852	149.032	52.136	7.322	0.06281	2.42216	7	X
K12D22E	17.6	0.15	K14C9	270.958	89.721	67.760	5.521	0.16420	2.42033	6	X
K12D22G	15.1	0.15	K14C9	75.437	256.161	36.807	12.899	0.16925	3.11959	6	X
K12D33V	17.8	0.15	K14C9	257.756	1.936	138.859	2.321	0.01221	2.54037	5	X
K12D34S	16.6	0.15	K14C9	74.799	257.103	65.884	2.659	0.08072	2.66320	7	X
K12D35H	17.2	0.15	K14C9	205.509	112.005	84.109	3.383	0.13962	2.67194	6	X
K12D36S	17.7	0.15	K14C9	260.941	181.717	307.216	1.383	0.13841	2.59806	4	X
K12D40H	18.2	0.15	K14C9	338.594	4.503	72.109	1.523	0.19694	2.34139	3	X
K12D61M	17.6	0.15	K14C9	284.280	82.843	41.538	6.828	0.07836	2.46683	5	X
K12D65F	16.6	0.15	K14C9	48.600	208.565	142.097	3.293	0.23419	2.56851	8	X
K12D82C	17.8	0.15	K14C9	335.240	115.214	337.161	2.267	0.15578	2.34804	5	X
K12D82G	18.0	0.15	K14C9	290.211	287.215	204.661	8.840	0.23368	2.43526	3	X
K12D97Z	16.6	0.15	K14C9	154.563	209.446	65.587	14.988	0.14472	2.40259	5	X
K12E17H	17.1	0.15	K14C9	265.703	130.814	53.229	7.303	0.11001	2.37825	4	X
K12F02N	18.2	0.15	K14C9	309.993	138.489	341.120	1.062	0.12817	2.34642	7	X
K12F09A	18.5	0.15	K14C9	313.780	286.188	183.328	2.172	0.14249	2.37626	5	X
K12F11B	16.9	0.15	K14C9	169.263	357.417	245.744	3.287	0.05346	2.71135	5	X
K12F11J	16.5	0.15	K14C9	203.117	164.397	27.527	17.910	0.06534	2.76644	4	X
K12F18U	16.4	0.15	K14C9	49.192	173.124	142.562	1.674	0.12830	3.11572	8	X
K12F19Z	16.7	0.15	K14C9	346.792	16.277	16.612	9.053	0.08433	2.81233	3	X
K12F27B	16.4	0.15	K14C9	94.685	257.407	13.526	9.500	0.06349	3.16966	3	X
K12F36N	16.1	0.15	K14C9	98.348	94.506	172.830	8.759	0.05855	3.14915	7	X
K12F36S	17.2	0.15	K14C9	21.710	321.114	54.040	6.803	0.08232	2.78536	4	X
K12F49G	17.2	0.15	K14C9	77.740	236.935	74.683	3.175	0.05609	2.86514	3	X
K12F70H	16.8	0.15	K14C9	242.016	130.313	42.455	14.159	0.19954	2.65419	4	X
K12F72C	16.8	0.15	K14C9	230.063	348.828	194.842	15.567	0.21265	2.64310	4	X
K12F72E	16.4	0.15	K14C9	241.075	328.803	212.740	12.933	0.18449	2.68559	5	X
K12F75G	16.1	0.15	K14C9	349.195	29.292	20.953	22.356	0.02584	2.67262	5	X
K12F77E	17.5	0.15	K14C9	244.099	356.051	165.247	2.269	0.13745	2.64014	5	X
K12F79Z	16.7	0.15	K14C9	6.085	231.955	140.381	2.752	0.04875	2.87957	7	X
K12G04W	17.2	0.15	K14C9	247.349	334.878	188.930	3.984	0.18379	2.63500	6	X
K12G06X	16.5	0.15	K14C9	236.427	317.128	184.474	8.764	0.03366	3.00233	4	X
K12G09M	16.0	0.15	K14C9	69.434	119.195	205.981	15.663	0.16436	3.01988	5	X
K12G18U	17.5	0.15	K14C9	283.747	357.410	131.289	1.950	0.13986	2.62288	5	X
K12G19U	16.4	0.15	K14C9	334.755	39.519	38.718	13.613	0.15859	2.63030	4	X

K12G23E	15.2	0.15	K14C9	142.433	224.377	13.597	13.903	0.12859	3.14471	7 X
K12G25H	16.2	0.15	K14C9	183.655	8.361	184.276	9.805	0.03587	3.12120	6 X
K12G25L	17.0	0.15	K14C9	226.985	340.069	195.757	4.790	0.10049	2.79940	6 X
K12G25Y	15.8	0.15	K14C9	156.114	206.140	11.682	15.856	0.02616	3.09130	4 X
K12G27H	15.0	0.15	K14C9	147.572	31.176	217.681	26.888	0.10561	3.11365	7 X
K12G31L	15.6	0.15	K14C9	36.692	166.354	186.849	12.612	0.04644	3.02802	6 X
K12H29P	17.2	0.15	K14C9	302.628	343.951	124.546	3.062	0.02025	2.86391	5 X
K12H49W	15.8	0.15	K14C9	132.914	206.071	74.601	11.915	0.06817	3.01605	4 X
K12H50N	15.9	0.15	K14C9	305.403	249.914	197.889	10.529	0.00195	3.08210	6 X
K12H56C	17.1	0.15	K14C9	255.220	325.223	211.748	14.686	0.08813	2.57840	4 X
K12H57W	15.8	0.15	K14C9	101.901	268.286	40.513	10.174	0.05937	3.01903	9 X
K12H60O	15.4	0.15	K14C9	109.014	243.251	45.262	11.913	0.07328	3.08676	4 X
K12H66P	16.7	0.15	K14C9	311.892	257.278	231.773	11.771	0.15460	2.55290	4 X
K12H69Z	16.6	0.15	K14C9	151.570	189.157	67.335	12.449	0.06229	3.06207	4 X
K12H75Y	16.9	0.15	K14C9	65.410	272.899	79.736	7.177	0.04196	2.78197	5 X
K12H79L	15.7	0.15	K14C9	123.433	219.774	70.341	10.144	0.06276	3.11019	5 X
K12J01B	15.6	0.15	K14C9	49.540	279.741	70.602	16.177	0.22882	3.20843	4 X
K12J42H	16.7	0.15	K14C9	309.930	61.130	57.967	3.217	0.02036	2.75912	7 X
K12K10Q	16.3	0.15	K14C9	329.257	229.311	212.602	8.526	0.09935	3.04436	7 X
K12K24W	17.0	0.15	K14C9	293.632	303.937	178.509	3.401	0.17694	2.62355	6 X
K12K30E	16.2	0.15	K14C9	286.256	293.538	162.966	8.160	0.06542	3.12971	8 X
K12K38O	16.6	0.15	K14C9	128.105	150.284	118.523	4.740	0.15713	3.20711	6 X
K12K45L	18.8	0.15	K14C9	45.081	202.994	100.651	25.124	0.35668	1.68745	2 X
K12L13H	16.0	0.15	K14C9	200.069	3.401	195.158	17.140	0.14700	3.11941	6 X
K13EA9X	17.1	0.15	K14C9	79.866	140.824	154.512	6.682	0.17420	2.35731	8 X
K13F03R	16.5	0.15	K14C9	96.216	250.344	9.297	11.794	0.17020	2.65098	5 X
K13F04T	17.7	0.15	K14C9	78.365	270.863	24.247	2.543	0.19293	2.42221	4 X
K13F07V	17.4	0.15	K14C9	98.780	214.210	77.579	4.146	0.18469	2.29790	5 X
K13F08E	17.6	0.15	K14C9	38.305	163.785	203.646	24.431	0.03086	1.93484	4 X
K13F09O	17.1	0.15	K14C9	64.743	279.439	7.990	12.798	0.21858	2.66572	3 X
K13F15P	16.8	0.15	K14C9	53.710	121.760	164.991	6.528	0.10804	2.66713	2 X
K13F23X	16.8	0.15	K14C9	77.244	267.360	7.145	16.522	0.22497	2.68354	3 X
K13G00B	17.7	0.15	K14C9	19.192	29.405	3.777	22.166	0.08500	1.93302	3 X
K13G40F	17.6	0.15	K14C9	106.974	212.119	68.058	2.928	0.19887	2.36004	6 X
K13G44L	17.6	0.15	K14C9	84.203	155.265	156.001	4.284	0.15555	2.27605	6 X
K13G47N	17.8	0.15	K14C9	108.162	223.204	39.348	1.739	0.16273	2.37576	3 X
K13G63W	17.4	0.15	K14C9	125.128	24.527	250.977	3.619	0.16084	2.25314	7 X
K13G68S	18.0	0.15	K14C9	322.296	55.984	44.627	21.936	0.09448	1.88989	3 X
K13G69C	17.7	0.15	K14C9	45.026	321.970	50.709	23.153	0.05908	1.98568	2 X
K13G69N	18.6	0.15	K14C9	341.284	218.191	226.248	19.029	0.09324	1.91128	3 X
K13G79D	18.4	0.15	K14C9	169.212	195.049	31.190	1.061	0.05785	2.14981	4 X
K13G81D	18.1	0.15	K14C9	138.827	142.507	103.870	2.159	0.15871	2.32901	6 X
K13G81S	18.0	0.15	K14C9	140.513	211.149	33.383	1.800	0.13717	2.27736	7 X
K13G83X	17.4	0.15	K14C9	108.180	234.082	33.052	1.723	0.16559	2.43017	6 X
K13G92T	17.3	0.15	K14C9	153.601	154.012	101.654	4.311	0.09323	2.14310	9 X
K13G94Z	17.0	0.15	K14C9	113.505	60.246	218.149	6.814	0.15500	2.25575	5 X
K13G99F	18.1	0.15	K14C9	169.440	203.560	18.635	5.528	0.12064	2.22690	4 X
K13GA1U	17.8	0.15	K14C9	159.855	166.831	65.621	4.757	0.18777	2.32701	4 X
K13GA4T	17.3	0.15	K14C9	96.728	259.668	31.980	7.125	0.16148	2.35683	5 X
K13GA9A	17.5	0.15	K14C9	110.644	231.564	20.395	7.675	0.16065	2.57293	5 X
K13GB3R	17.8	0.15	K14C9	166.543	95.409	131.075	3.077	0.20728	2.28130	7 X
K13GB3Z	17.3	0.15	K14C9	110.091	242.311	28.676	1.129	0.15481	2.38006	7 X
K13GDOU	16.5	0.15	K14C9	99.086	60.501	217.935	12.643	0.16571	2.61186	7 X
K13H07X	17.3	0.15	K14C9	68.640	293.157	57.969	22.675	0.07261	1.98821	5 X
K13H15B	17.3	0.15	K14C9	303.660	238.353	249.670	20.366	0.06898	1.87582	5 X
K13H40C	18.0	0.15	K14C9	43.558	103.120	243.342	5.754	0.12470	2.27073	6 X
K13HB3F	17.8	0.15	K14C9	62.556	280.321	21.953	3.608	0.25834	2.77996	2 X
K13J13G	17.3	0.15	K14C9	144.907	174.741	91.706	6.462	0.15198	2.24895	3 X
K13J19L	17.9	0.15	K14C9	72.914	272.419	66.012	4.936	0.15307	2.32910	6 X
K13J21J	17.5	0.15	K14C9	156.698	37.236	196.513	11.698	0.20788	2.37390	6 X
K13J36Q	16.3	0.15	K14C9	56.500	117.521	180.430	19.124	0.16992	3.19513	3 X
K13J43F	17.6	0.15	K14C9	148.685	303.485	292.016	1.054	0.15318	2.40114	7 X
K13J62W	17.7	0.15	K14C9	118.860	196.376	71.148	3.330	0.14824	2.41067	4 X
K13K05P	17.2	0.15	K14C9	133.126	185.706	88.713	6.366	0.15497	2.32528	3 X
K13K07Q	16.5	0.15	K14C9	77.510	281.268	50.459	4.287	0.23514	2.56431	8 X
K13K15U	17.9	0.15	K14C9	154.422	117.704	120.521	2.243	0.14602	2.41428	5 X
K13K16J	17.6	0.15	K14C9	131.965	214.220	45.834	2.813	0.17546	2.42961	6 X
K13L00D	18.0	0.15	K14C9	317.602	252.768	227.470	20.271	0.09156	1.97428	4 X
K13L00G	17.3	0.15	K14C9	105.619	106.837	160.625	1.898	0.05845	2.65111	5 X
K13L01U	16.8	0.15	K14C9	84.724	242.329	49.613	9.109	0.18688	2.75713	5 X
K13L02H	18.3	0.15	K14C9	197.727	122.908	83.528	2.410	0.07056	2.20375	6 X
K13L02V	16.7	0.15	K14C9	87.660	76.121	231.310	10.885	0.17805	2.58080	5 X
K13L17Y	16.7	0.15	K14C9	64.347	153.572	183.531	5.311	0.18796	2.57016	7 X
K13L23S	16.9	0.15	K14C9	98.034	218.987	77.879	6.882	0.23157	2.57058	6 X
K13M07N	17.6	0.15	K14C9	184.875	148.264	77.565	3.728	0.10689	2.21079	8 X
K13M07T	17.0	0.15	K14C9	162.232	64.918	162.010	1.697	0.14542	2.44981	6 X
K13N00H	16.9	0.15	K14C9	49.653	280.188	92.630	12.761	0.33608	2.55738	3 X
K13N12A	15.1	0.15	K14C9	16.587	99.767	292.329	17.020	0.10312	3.09928	7 X
K13N20D	16.3	0.15	K14C9	214.150	342.365	197.821	10.847	0.09661	3.10739	3 X
K13P22J	16.3	0.15	K14C9	209.245	5.088	197.590	10.238	0.04413	3.15727	8 X
K13P25O	15.8	0.15	K14C9	301.518	252.478	246.715	8.976	0.04651	3.02663	7 X
K13P58M	15.8	0.15	K14C9	28.375	178.713	200.788	10.188	0.07238	3.11933	6 X
K13P60P	16.5	0.15	K14C9	169.501	49.164	188.051	8.216	0.12731	2.79038	6 X
K13P62S	16.8	0.15	K14C9	281.097	313.687	200.286	6.464	0.10794	2.58579	5 X
K13P64S	17.3	0.15	K14C9	35.255	155.139	234.908	5.260	0.05381	2.77401	6 X
K13P68F	15.8	0.15	K14C9	72.072	134.546	174.553	4.935	0.22914	3.96665	4 X
K13Q07K	16.4	0.15	K14C9	291.559	285.245	210.762	8.525	0.05602	2.97332	6 X
K13Q11Z	16.5	0.15	K14C9	289.976	286.947	209.384	8.214	0.04170	3.00287	7 X
K13Q18W	15.8	0.15	K14C9	45.580	222.513	127.844	3.778	0.15361	3.98753	3 X
K13R55D	16.0	0.15	K14C9	218.818	353.181	211.088	9.309	0.02868	3.01933	10 X
K13R64G	14.4	0.15	K14C9	45.099	172.677	169.592	7.795	0.08050	5.23525	7 X
K13T07S	15.9	0.15	K14C9	165.020	16.223	256.276	8.815	0.02661	3.08023	6 X
K13T88X	15.3	0.15	K14C9	210.637	15.234	238.097	7.104	0.01278	3.19650	8 X
K13TE3L	13.3	0.15	K14C9	15.872	345.336	37.939	10.592	0.08144	5.12307	9 X
K14D07N	20.7	0.15	K14C9	96.160	110.727	145.050	23.896	0.65284	1.70586	2 W
K14F33L	20.2	0.15	K14C9	60.677	169.545	125.597	11.932	0.56777	1.86526	2 W
K14L01B	18.1	0.15	K14C9	22.916	100.737	231.030	0.872	0.26398	2.41801	5 X

K14L09Z	16.6	0.15	K14C9	43.206	136.245	195.516	31.664	0.22126	2.64135	2 X
K14M46O	16.0	0.15	K14C9	24.894	51.832	295.407	13.419	0.27605	3.00450	4 X
K14M55F	17.2	0.15	K14C9	46.648	117.394	231.292	4.659	0.30112	2.12244	6 X
K14N38Z	15.9	0.15	K14C9	9.837	238.628	93.712	27.964	0.30539	3.16539	3 W
K14N52J	17.9	0.15	K14C9	22.185	39.469	304.147	14.933	0.40006	2.87854	2 X
K14O40A	17.8	0.15	K14C9	5.854	40.401	323.488	4.920	0.28127	2.28008	3 X
K14O53U	18.2	0.15	K14C9	14.585	29.909	313.929	4.156	0.16471	2.24744	6 X
K14OA9P	18.2	0.15	K14C9	20.356	353.827	340.947	4.960	0.23351	2.31980	3 X
K14OIOT	17.3	0.15	K14C9	326.671	68.993	340.120	12.692	0.19443	2.44703	2 X
K14OJUN	18.2	0.15	K14C9	17.680	275.133	98.621	0.399	0.22896	2.34323	5 X
K14OJ2M	17.7	0.15	K14C9	78.489	181.361	102.705	2.722	0.18475	2.37734	4 X
K14OJ5T	18.2	0.15	K14C9	27.622	347.278	2.182	2.375	0.18154	2.43494	2 X
K14OJ6F	17.2	0.15	K14C9	22.950	198.793	151.948	1.588	0.17601	2.91592	6 X
K14OJ6S	16.7	0.15	K14C9	351.046	217.739	178.751	7.692	0.21920	3.04458	4 X
K14OM8Q	17.8	0.15	K14C9	344.466	239.822	172.000	5.967	0.19419	2.56554	3 X
K14OM9Z	18.4	0.15	K14C9	42.114	179.854	156.882	5.150	0.24929	2.20772	4 X
K14ON1E	17.1	0.15	K14C9	29.278	184.377	159.032	2.237	0.13699	2.63328	7 X
K14OTSN	17.6	0.15	K14C9	57.510	308.723	356.557	2.154	0.20982	2.42019	4 X
K14OTS5T	17.1	0.15	K14C9	26.292	16.324	331.875	13.917	0.27891	2.62496	2 X
K14OT6C	18.1	0.15	K14C9	74.517	138.674	148.503	2.867	0.20549	2.32956	5 X
K14OT7A	18.7	0.15	K14C9	17.735	359.306	12.795	3.065	0.27593	2.41896	2 X
K14OT9G	17.6	0.15	K14C9	336.889	241.321	171.726	5.184	0.09576	2.41597	6 X
K14Oa4O	15.8	0.15	K14C9	40.591	334.801	328.756	15.169	0.00291	3.05138	2 X
K14Od2E	16.9	0.15	K14C9	28.870	172.553	202.525	3.518	0.30334	2.55898	5 X
K14P66B	17.0	0.15	K14C9	10.663	176.348	159.681	1.980	0.26474	3.11005	5 X
K14P66F	17.1	0.15	K14C9	354.689	143.873	212.915	1.304	0.09063	2.73715	5 X
K14P67N	17.8	0.15	K14C9	17.719	347.246	349.882	2.131	0.21401	2.44278	5 X
K14Q01S	15.7	0.15	K14C9	66.086	27.833	261.966	8.332	0.07109	3.15204	2 S
K14Q01T	18.0	0.15	K14C9	16.691	83.086	275.354	5.482	0.15989	2.30560	2 X
K14Q19W	16.7	0.15	K14C9	66.378	24.183	263.311	3.673	0.19794	2.64528	2 X
K14Q25M	15.7	0.15	K14C9	18.665	158.186	185.788	12.923	0.10818	3.20663	5 X
K14Q25O	17.9	0.15	K14C9	1.254	158.175	229.714	3.853	0.23503	2.27354	2 X
K14Q25U	16.8	0.15	K14C9	68.149	317.975	309.674	8.716	0.30584	2.72233	2 X
K14Q28A	17.3	0.15	K14C9	359.148	210.567	169.801	13.901	0.14799	2.58938	5 S
K14Q28C	17.8	0.15	K14C9	98.920	307.279	317.268	1.259	0.10179	2.35589	5 S
K14Q30D	16.9	0.15	K14C9	13.357	120.010	233.335	4.941	0.19891	2.92094	3 S
K14Q30H	16.3	0.15	K14C9	26.518	216.779	130.597	12.873	0.15341	3.00180	4 S
K14Q32D	17.9	0.15	K14C9	62.300	328.452	355.087	20.362	0.14244	1.92930	2 X
K14Q38F	16.6	0.15	K14C9	353.899	204.251	163.925	17.428	0.18593	2.66702	2 X
K14Q38U	15.5	0.15	K14C9	350.003	96.584	258.340	12.330	0.04983	3.07770	2 X
K14Q50H	16.9	0.15	K14C9	31.241	126.376	172.305	4.942	0.21162	2.99491	2 X
K14Q71S	16.5	0.15	K14C9	357.666	187.454	164.308	12.244	0.15315	3.03021	5 X
K14Q72M	17.3	0.15	K14C9	0.369	189.117	172.166	7.915	0.16992	2.45566	6 X
K14Q92U	15.5	0.15	K14C9	307.970	138.347	265.311	8.210	0.03238	3.10363	4 X
K14Q94C	16.2	0.15	K14C9	26.207	132.935	187.416	9.942	0.10288	3.12158	4 S
K14QB3Q	16.5	0.15	K14C9	18.139	48.815	284.068	12.283	0.18628	2.69181	3 S
K14QB7U	17.0	0.15	K14C9	345.625	227.673	171.333	8.200	0.23805	2.73558	3 S
K14QF2C	18.2	0.15	K14C9	53.703	78.544	214.588	4.895	0.24651	2.33417	2 X
K14QF2E	17.2	0.15	K14C9	73.306	42.214	240.622	4.844	0.09773	2.27289	3 X
K14QH1H	18.0	0.15	K14C9	20.379	135.354	215.371	1.563	0.10217	2.66060	2 X
K14QI8B	15.9	0.15	K14C9	58.432	341.201	302.881	8.315	0.09981	3.08018	3 X
K14QK4O	17.3	0.15	K14C9	7.243	32.604	319.663	5.456	0.07843	2.81092	2 S
K14QL2A	17.0	0.15	K14C9	21.580	186.311	147.641	1.879	0.20692	3.05135	3 S
K14QNOS	16.7	0.15	K14C9	355.084	38.249	341.238	8.434	0.19579	3.11481	2 X
K14QN6Z	17.3	0.15	K14C9	59.190	144.559	155.164	1.743	0.14375	2.64092	4 S
K14QOOD	16.7	0.15	K14C9	59.377	320.686	339.828	7.718	0.06401	3.17646	3 S
K14QP4M	17.4	0.15	K14C9	10.113	0.081	11.373	18.390	0.21012	2.61661	2 X
K14QQ7B	16.6	0.15	K14C9	31.553	42.867	286.641	8.467	0.08835	3.11305	3 S
K14QQ7F	16.0	0.15	K14C9	70.346	116.666	168.579	14.382	0.25019	3.16468	5 S
K14QQ7R	17.5	0.15	K14C9	7.925	58.495	310.003	9.337	0.14201	2.36732	3 S
K14QQ7Y	17.5	0.15	K14C9	18.249	278.999	95.541	3.360	0.21905	2.41295	2 X
K14QQ8A	16.6	0.15	K14C9	2.475	20.948	15.731	11.981	0.18030	2.67544	2 X
K14QR5D	18.0	0.15	K14C9	98.238	251.609	14.897	6.202	0.15278	2.22290	5 X
K14QR7U	15.8	0.15	K14C9	115.281	256.875	328.592	8.591	0.02274	2.87157	5 X
K14QS1P	18.4	0.15	K14C9	27.055	297.004	67.702	3.427	0.24152	2.34828	2 X
K14QT7N	18.6	0.15	K14C9	52.138	23.485	284.636	4.335	0.25328	2.10737	3 X
K14QTOY	17.0	0.15	K14C9	31.316	319.106	7.770	16.640	0.27637	3.14505	2 X
K14QU1D	17.0	0.15	K14C9	31.922	279.045	61.041	3.559	0.11602	2.79603	3 X
K14QU7C	16.0	0.15	K14C9	11.291	343.705	20.860	8.247	0.07374	3.17455	4 X
K14QU7H	15.3	0.15	K14C9	307.619	57.338	18.371	8.958	0.09636	3.24642	6 X
K14QU8P	16.2	0.15	K14C9	66.731	308.322	320.187	8.870	0.04772	3.23174	6 X
K14QVOZ	17.0	0.15	K14C9	103.207	76.552	175.572	5.729	0.21133	2.32656	7 X
K14QW4N	17.0	0.15	K14C9	334.241	47.573	13.981	11.122	0.07073	2.25287	3 S
K14QW6E	18.2	0.15	K14C9	22.540	212.021	154.624	4.971	0.20619	2.38320	4 X
K14QW6O	16.4	0.15	K14C9	29.028	189.726	165.969	10.048	0.07497	2.99089	3 S
K14QW7A	15.6	0.15	K14C9	5.360	6.490	18.263	18.257	0.22720	3.17883	2 X
K14QW7M	16.1	0.15	K14C9	2.529	24.177	8.207	13.058	0.19057	2.80941	6 X
K14QW7W	17.3	0.15	K14C9	348.870	48.928	13.168	6.041	0.23036	2.35733	3 X
K14QW8G	16.8	0.15	K14C9	319.650	74.387	9.989	22.708	0.10179	2.37201	5 X
K14QW8H	16.5	0.15	K14C9	348.212	37.499	15.516	17.831	0.20509	3.10221	2 X
K14QW8K	17.6	0.15	K14C9	13.755	285.740	95.248	3.421	0.19618	2.47568	7 X
K14QW8P	17.0	0.15	K14C9	28.764	317.877	41.011	4.017	0.20719	2.45949	9 X
K14QW8W	16.6	0.15	K14C9	31.676	217.421	139.088	5.521	0.12581	2.76315	6 X
K14QX3D	17.1	0.15	K14C9	31.858	189.114	158.092	9.342	0.22130	2.59526	4 X
K14QX5S	17.8	0.15	K14C9	22.754	344.307	19.528	17.601	0.27440	2.65272	2 X
K14QX6R	17.7	0.15	K14C9	29.670	300.561	43.399	3.188	0.21024	2.43197	3 X
K14QX6Z	17.5	0.15	K14C9	298.465	86.179	5.881	4.437	0.09048	2.28718	6 X
K14QX8L	17.3	0.15	K14C9	37.947	145.858	160.642	9.523	0.17171	2.56860	3 X
K14QY0B	16.7	0.15	K14C9	47.410	124.035	152.346	14.573	0.27032	3.15871	2 X
K14QY0P	17.2	0.15	K14C9	13.524	171.818	168.393	5.314	0.17680	2.77177	3 X
K14QY3J	16.3	0.15	K14C9	351.797	194.582	164.038	11.086	0.14232	3.07396	3 X
K14QY9H	16.7	0.15	K14C9	22.222	299.095	47.020	1.229	0.17418	3.15614	4 X
K14QY9T	16.7	0.15	K14C9	18.866	187.612	164.851	5.126	0.14568	3.14928	3 X
K14QZ0A	17.0	0.15	K14C9	45.961	170.988	156.784	6.952	0.03400	2.77503	4 S
K14QZ0G	18.0	0.15	K14C9	277.198	99.325	8.545	7.805	0.04170	2.24303	4 X
K14QZ0H	18.5	0.15	K14C9	349.136	15.861	31.333	2.859	0.20677	2.31715	2 X
K14QZ1A	17.4	0.15	K14C9	335.066	320.427	95.062	2.729	0.14303	2.64493	4 X

K14QZ1D	18.3	0.15	K14C9	21.341	339.726	13.985	5.627	0.29965	2.64239	2 X
K14QZ1N	16.3	0.15	K14C9	90.438	238.883	26.115	7.459	0.17493	2.99046	3 X
K14QZ1S	17.6	0.15	K14C9	45.170	258.537	60.690	3.496	0.20019	2.75997	4 X
K14QZ2V	17.5	0.15	K14C9	348.093	219.748	181.924	4.202	0.21689	2.76646	2 X
K14QZ3P	16.7	0.15	K14C9	45.294	274.977	39.838	0.500	0.16450	3.14944	7 X
K14QZ4S	16.6	0.15	K14C9	32.115	164.881	174.536	1.564	0.10454	3.02797	8 X
K14QZ5B	18.5	0.15	K14C9	8.763	215.819	162.945	1.565	0.19888	2.41535	2 X
K14QZ5J	16.3	0.15	K14C9	34.353	163.992	175.230	10.166	0.07127	3.04548	4 X
K14QZ5N	16.1	0.15	K14C9	162.108	55.267	159.299	2.742	0.01517	2.99811	9 X
K14QZ5V	16.3	0.15	K14C9	356.937	281.864	101.246	2.389	0.15701	3.22763	4 X
K14QZ5W	16.8	0.15	K14C9	28.206	216.001	124.000	1.450	0.18635	3.14121	2 X
K14QZ5Y	17.3	0.15	K14C9	249.365	356.886	135.030	2.790	0.02716	2.66155	5 X
K14QZ6M	15.6	0.15	K14C9	43.382	322.253	7.567	12.507	0.05880	3.09733	5 X
K14QZ9L	17.0	0.15	K14C9	349.448	213.749	178.928	5.590	0.07406	2.93484	6 X
K14Qa0R	16.3	0.15	K14C9	41.482	156.786	171.181	10.057	0.09470	3.01989	3 X
K14Qa0X	18.1	0.15	K14C9	345.012	262.799	146.680	2.392	0.15875	2.41741	5 X
K14Qa0Z	18.5	0.15	K14C9	345.075	314.277	96.080	2.403	0.17389	2.42303	3 X
K14Qa1R	16.8	0.15	K14C9	37.146	164.233	173.874	14.867	0.19316	2.59426	2 X
K14Qa6F	16.4	0.15	K14C9	38.203	308.514	25.666	13.672	0.27098	3.09715	2 X
K14Qa70	17.5	0.15	K14C9	328.870	328.297	113.876	6.885	0.12951	2.45960	3 S
K14Qb1G	18.0	0.15	K14C9	1.584	359.234	23.710	3.243	0.18685	2.51602	2 X
K14Qb1L	18.8	0.15	K14C9	19.974	323.973	38.567	2.572	0.19773	2.22897	2 X
K14Qb1R	18.9	0.15	K14C9	16.255	321.938	45.884	3.032	0.22911	2.31599	2 X
K14Qb1X	17.9	0.15	K14C9	30.867	327.038	19.160	6.287	0.19057	2.23477	4 X
K14Qb4R	17.2	0.15	K14C9	310.833	75.577	7.157	8.951	0.16854	2.73211	4 X
K14Qb5K	18.2	0.15	K14C9	345.878	231.153	179.125	1.943	0.19302	2.29727	5 X
K14Qb5X	17.1	0.15	K14C9	47.070	129.904	184.285	13.922	0.16287	3.10725	2 X
K14Qb6F	15.7	0.15	K14C9	346.653	209.710	184.466	17.481	0.14413	3.25044	4 X
K14Qb7K	17.2	0.15	K14C9	50.465	120.204	185.476	12.856	0.26854	2.61509	4 X
K14Qb8J	15.6	0.15	K14C9	18.451	169.283	186.567	11.264	0.06652	3.21192	6 X
K14Qb8L	17.9	0.15	K14C9	312.822	256.616	185.314	6.826	0.10377	2.26586	3 X
K14Qb8V	16.9	0.15	K14C9	350.292	217.650	182.148	11.535	0.17333	2.69284	5 X
K14Qb8W	15.7	0.15	K14C9	204.178	347.187	185.975	10.083	0.06365	3.14382	6 X
K14Qb8X	17.0	0.15	K14C9	19.664	167.143	189.961	7.986	0.08831	2.92553	5 X
K14Qb8Y	15.2	0.15	K14C9	248.736	309.174	185.864	12.624	0.08559	3.17774	7 X
K14Qb9B	18.9	0.15	K14C9	46.410	126.694	197.071	2.271	0.23086	2.24099	2 X
K14Qb9D	16.9	0.15	K14C9	41.293	274.843	45.801	1.614	0.19350	3.05474	5 X
K14Qc0B	18.2	0.15	K14C9	50.640	127.097	188.367	6.152	0.21652	2.41558	2 X
K14Qc1K	16.7	0.15	K14C9	67.808	97.213	187.815	12.668	0.21459	2.80925	2 X
K14Qc4R	17.4	0.15	K14C9	14.345	343.846	15.086	2.115	0.20076	3.01658	4 X
K14Qc5E	16.0	0.15	K14C9	324.353	51.795	9.467	4.513	0.10648	3.13215	6 X
K14Qc7L	16.5	0.15	K14C9	57.348	98.502	167.061	12.712	0.24672	2.69841	4 X
K14Qc9P	15.5	0.15	K14C9	12.205	176.624	183.019	27.005	0.12015	3.18509	7 X
K14Qd3B	16.5	0.15	K14C9	3.641	348.575	22.449	4.816	0.16903	3.19583	3 X
K14Qd3R	17.9	0.15	K14C9	54.365	296.089	13.738	6.432	0.22536	2.34533	5 X
K14Qd3X	17.8	0.15	K14C9	20.117	326.061	32.467	3.926	0.15427	2.59851	3 X
K14Qd4P	16.9	0.15	K14C9	357.438	212.072	168.569	5.452	0.14649	3.24656	2 X
K14Qd5Z	16.7	0.15	K14C9	47.122	321.366	2.280	4.847	0.07620	2.94856	5 X
K14Qd6A	18.0	0.15	K14C9	313.618	62.137	22.613	2.327	0.13944	2.26201	3 X
K14Qd6F	17.5	0.15	K14C9	304.881	281.973	165.054	6.086	0.07285	2.34081	4 X
K14Qd8N	15.9	0.15	K14C9	6.685	185.432	187.423	14.601	0.21197	3.21219	3 X
K14Qd9M	16.8	0.15	K14C9	275.801	148.467	317.385	4.390	0.09768	2.70777	4 S
K14Qe0M	16.3	0.15	K14C9	23.360	309.287	27.570	2.283	0.03357	2.90448	6 S
K14Qe5N	18.3	0.15	K14C9	49.513	129.834	183.250	21.834	0.26308	2.28770	2 S
K14Qe6W	18.7	0.15	K14C9	32.964	179.472	158.597	5.513	0.26210	2.29968	2 S
K14Qe7E	16.9	0.15	K14C9	15.667	354.641	7.239	1.854	0.08113	2.86715	3 X
K14Qe70	17.0	0.15	K14C9	316.702	260.261	167.826	3.890	0.07795	2.75623	4 X
K14Qe8Q	15.4	0.15	K14C9	46.689	69.060	247.454	16.734	0.14428	3.07641	5 X
K14Qf7J	16.3	0.15	K14C9	28.766	81.610	266.624	4.349	0.07008	2.98398	5 S
K14Qg0U	18.1	0.15	K14C9	40.692	313.930	20.925	6.383	0.13796	2.37967	5 X
K14Qg1C	17.8	0.15	K14C9	145.877	236.622	18.776	21.923	0.02891	1.90453	2 X
K14Qh9M	18.3	0.15	K14C9	35.484	171.618	171.095	6.367	0.10991	2.38705	3 X
K14R00P	15.5	0.15	K14C9	354.570	143.505	257.458	16.725	0.34298	3.20580	2 X
K14R06R	17.4	0.15	K14C9	38.682	158.208	191.730	8.653	0.17888	2.56701	4 X
K14R10X	17.0	0.15	K14C9	39.508	303.693	27.242	2.204	0.06939	2.86350	5 X
K14R16N	16.8	0.15	K14C9	34.843	141.266	199.674	4.683	0.23303	2.63265	8 X
K14R16Z	15.5	0.15	K14C9	0.569	7.048	19.549	27.802	0.11713	3.12296	6 X
K14R18Z	17.9	0.15	K14C9	32.649	302.696	45.552	1.723	0.20243	2.43333	6 X
K14R19G	17.4	0.15	K14C9	28.054	245.393	117.196	4.519	0.14801	2.25657	6 X
K14R20Q	18.6	0.15	K14C9	1.241	52.955	322.915	1.165	0.19393	2.53088	3 X
K14R31S	16.3	0.15	K14C9	33.352	154.007	181.052	5.435	0.16286	3.09457	6 X
K14R42C	17.3	0.15	K14C9	339.878	227.607	193.740	13.355	0.24424	2.58856	4 X
K14R42F	16.8	0.15	K14C9	8.097	180.324	191.581	16.936	0.19670	3.04124	3 X
K14R42J	18.8	0.15	K14C9	46.582	114.079	206.059	1.702	0.23014	2.32921	2 X
K14R42K	17.9	0.15	K14C9	63.452	109.804	188.731	2.614	0.20884	2.37791	6 X
K14R43T	15.6	0.15	K14C9	59.795	106.081	208.230	19.888	0.11412	3.19228	9 X
K14R45C	17.0	0.15	K14C9	16.961	169.332	202.841	9.460	0.08889	2.91609	5 X
K14R45D	16.0	0.15	K14C9	57.274	126.708	204.268	10.648	0.02461	3.09831	7 X
K14R45E	16.2	0.15	K14C9	125.386	55.681	202.231	14.866	0.06897	3.13253	4 X
K14R45H	17.6	0.15	K14C9	4.432	50.065	341.732	1.995	0.12134	2.58560	5 X
K14R45P	16.0	0.15	K14C9	20.768	166.849	202.946	8.969	0.08214	3.16864	5 X
K14R45V	16.9	0.15	K14C9	27.988	350.592	10.405	12.801	0.17116	2.64844	2 X
K14R48L	15.7	0.15	K14C9	70.826	272.998	32.662	13.170	0.16695	3.10140	4 X
K14R49E	18.0	0.15	K14C9	27.302	320.332	38.093	1.648	0.19408	2.43442	3 X
K14R49Y	16.9	0.15	K14C9	353.841	39.622	2.216	5.734	0.14254	2.73890	5 X
K14R50D	17.0	0.15	K14C9	27.893	341.753	16.109	6.202	0.15555	2.45234	4 X
K14R62U	15.7	0.15	K14C9	353.936	73.067	321.849	14.845	0.22895	3.20101	2 X
K14S00F	18.0	0.15	K14C9	119.300	240.308	28.307	22.248	0.12035	1.86830	2 X
K14S24L	17.1	0.15	K14C9	36.163	328.589	6.683	8.529	0.05862	2.80106	4 X
K14SA0T	18.1	0.15	K14C9	339.964	219.432	193.418	2.505	0.15873	2.56601	3 X
K14SA0Z	17.1	0.15	K14C9	17.379	35.493	323.640	1.195	0.07760	2.90117	7 X
K14SA1C	17.9	0.15	K14C9	331.563	97.799	330.543	0.951	0.21832	2.69751	3 X
K14SA1J	17.5	0.15	K14C9	353.340	215.502	175.275	1.231	0.18169	3.12882	4 X
K14SA2B	18.0	0.15	K14C9	61.320	121.594	188.303	2.189	0.15369	2.23466	9 X
K14SA2P	17.2	0.15	K14C9	131.096	303.504	304.352	0.586	0.02852	2.43563	8 X
K14SA2U	17.4	0.15	K14C9	50.830	140.152	179.298	11.944	0.14080	2.55376	4 X
K14SD5Z	17.7	0.15	K14C9	40.641	235.373	100.935	2.451	0.20055	2.44384	3 X

K14SE2Y	17.6	0.15	K14C9	193.580	324.533	237.605	19.883	0.04358	1.87960	5	X
K14SE6R	16.3	0.15	K14C9	4.921	1.941	9.475	11.561	0.09334	3.24725	5	X
K14SE7V	16.3	0.15	K14C9	53.182	292.208	30.802	22.499	0.18805	3.04924	3	X
K14SF2J	16.8	0.15	K14C9	38.010	54.334	286.392	1.533	0.17087	2.71283	6	X
K14SF2V	17.6	0.15	K14C9	16.523	29.620	343.830	3.787	0.21292	2.60718	3	X
K14SF2W	17.6	0.15	K14C9	46.414	98.239	234.921	1.286	0.18215	2.40619	7	X
K14SF3C	16.1	0.15	K14C9	16.863	8.383	1.182	6.334	0.18566	3.06046	6	X
K14SF4C	16.0	0.15	K14C9	33.615	137.897	203.999	16.336	0.22462	3.17634	5	X
K14SF5T	17.5	0.15	K14C9	43.932	354.655	349.905	3.386	0.10484	2.38234	5	X
K14SF5V	16.5	0.15	K14C9	26.500	166.320	196.331	14.709	0.10910	2.57259	7	X
K14SF6E	16.3	0.15	K14C9	103.122	80.664	202.458	7.384	0.03691	3.11547	7	X
K14SF6M	17.9	0.15	K14C9	21.015	170.479	200.656	0.651	0.20279	2.42783	5	X
K14SF7K	16.2	0.15	K14C9	331.810	241.133	202.733	18.097	0.25247	3.09966	4	X
K14SF7N	16.7	0.15	K14C9	47.113	127.937	207.248	6.328	0.12910	3.06033	5	X
K14SF7V	17.1	0.15	K14C9	47.772	140.491	196.697	4.709	0.13678	2.60677	6	X
K14SF7W	15.8	0.15	K14C9	349.864	201.951	203.491	15.195	0.04775	3.12248	5	X
K14SF8J	16.0	0.15	K14C9	336.862	234.084	195.095	12.772	0.15590	3.16667	4	X
K14SF8P	16.7	0.15	K14C9	329.003	258.972	190.105	8.920	0.24237	3.06427	3	X
K14SF8Q	16.4	0.15	K14C9	98.995	98.955	181.729	4.832	0.15627	2.56043	8	X
K14SF8X	17.1	0.15	K14C9	82.141	137.380	169.824	2.432	0.07157	2.70959	5	X
K14SF8Y	15.9	0.15	K14C9	19.293	232.064	139.225	2.395	0.12404	3.19749	5	X
K14SGOB	16.7	0.15	K14C9	317.455	55.533	26.604	2.423	0.04641	2.64596	7	X
K14SGOD	18.0	0.15	K14C9	60.272	144.609	175.701	3.132	0.18843	2.22783	5	X
K14SGOK	16.8	0.15	K14C9	10.239	206.319	178.699	4.766	0.11351	2.76850	6	X
K14SGOM	17.2	0.15	K14C9	41.960	319.346	27.172	4.254	0.11934	2.61306	5	X
K14SGOW	18.4	0.15	K14C9	20.007	92.104	280.476	1.795	0.21955	2.28254	3	X
K14SGOY	18.2	0.15	K14C9	16.611	188.552	195.128	21.544	0.08151	1.91195	3	X
K14SGLO	16.4	0.15	K14C9	301.248	270.609	181.827	21.746	0.06731	2.67928	5	X
K14SG3S	17.3	0.15	K14C9	16.764	190.057	182.195	13.221	0.18814	2.69890	2	X
K14SG4H	16.1	0.15	K14C9	21.149	202.262	162.633	5.756	0.14484	3.23146	5	X
K14SG4W	18.1	0.15	K14C9	47.882	308.538	26.352	2.826	0.24078	2.18801	4	X
K14SG5E	18.3	0.15	K14C9	29.474	285.264	75.734	2.428	0.20457	2.38127	3	X
K14SG5J	17.7	0.15	K14C9	23.459	238.175	124.163	2.313	0.19277	2.42449	4	X
K14SH2A	17.0	0.15	K14C9	303.057	76.511	7.894	7.249	0.09387	2.70933	6	X
K14SH2E	17.5	0.15	K14C9	346.107	236.015	159.952	2.846	0.06624	2.63876	6	X
K14SH2G	17.0	0.15	K14C9	84.508	132.931	141.940	1.548	0.13411	3.06634	5	X
K14SH3Q	17.4	0.15	K14C9	81.452	176.257	112.448	3.014	0.06181	2.69985	4	X
K14SH7L	18.3	0.15	K14C9	8.458	294.885	84.772	2.337	0.19083	2.35331	4	X
K14SH8W	15.5	0.15	K14C9	269.471	92.301	16.334	10.174	0.03533	3.15117	6	X
K14SH9D	18.2	0.15	K14C9	0.049	229.399	161.108	4.848	0.18634	2.43688	4	X
K14SI8W	17.9	0.15	K14C9	278.815	89.323	21.419	8.740	0.03719	2.26500	5	X
K14SM1K	17.0	0.15	K14C9	46.732	142.980	178.453	2.174	0.14978	2.68794	7	X
K14SM2G	16.4	0.15	K14C9	29.243	303.950	39.654	2.552	0.09005	2.91475	9	X
K14SM2W	18.6	0.15	K14C9	60.449	156.152	163.982	2.119	0.21298	2.11250	5	X
K14SM8S	18.0	0.15	K14C9	348.353	72.793	343.132	1.882	0.18731	2.45364	5	X
K14SM8Y	15.9	0.15	K14C9	323.277	249.897	195.968	15.992	0.21106	3.13994	4	X
K14SM9F	16.1	0.15	K14C9	327.493	62.272	10.413	5.553	0.12658	3.09658	4	X
K14SM9H	16.1	0.15	K14C9	356.530	192.367	203.829	5.905	0.12207	3.20948	7	X
K14SM9K	16.0	0.15	K14C9	328.560	227.612	197.570	9.235	0.05355	3.08132	8	X
K14SM9S	16.5	0.15	K14C9	30.108	164.406	190.843	8.108	0.15237	2.75890	5	X
K14SN2X	18.4	0.15	K14C9	1.445	242.488	162.546	4.376	0.22611	2.28420	5	X
K14SN2Y	16.6	0.15	K14C9	257.836	114.828	31.256	9.404	0.10098	2.72237	4	X
K14SN3B	16.1	0.15	K14C9	33.797	281.214	68.060	3.205	0.16966	3.10756	6	X
K14SN4K	16.0	0.15	K14C9	94.664	6.222	265.914	12.497	0.13682	2.55482	8	X
K14SP6W	16.3	0.15	K14C9	8.853	18.976	1.547	9.664	0.11303	2.97222	4	X
K14SP6Z	17.1	0.15	K14C9	7.717	193.564	206.476	3.388	0.22371	2.57818	4	X
K14SP8B	15.9	0.15	K14C9	57.965	131.694	185.381	9.274	0.17273	3.14125	3	X
K14SP8H	18.5	0.15	K14C9	36.434	320.427	31.250	1.709	0.18003	2.17750	3	X
K14SQ2D	18.4	0.15	K14C9	4.100	77.297	323.397	15.524	0.27106	2.47106	3	X
K14SQ2U	17.6	0.15	K14C9	5.934	20.102	357.457	7.098	0.32736	2.62395	3	X
K14SQ3J	17.2	0.15	K14C9	21.604	254.270	101.844	12.236	0.31699	2.62185	5	S
K14SQ4H	17.4	0.15	K14C9	356.864	151.214	258.244	2.242	0.22600	2.48323	7	X
K14SQ4R	18.1	0.15	K14C9	80.556	178.856	123.892	1.714	0.14668	2.24820	6	X
K14SQ4U	17.7	0.15	K14C9	3.148	308.885	87.102	2.696	0.09592	2.63433	2	X
K14SQ4W	16.5	0.15	K14C9	350.427	206.044	206.934	7.869	0.27558	3.14170	4	X
K14SQ5L	15.9	0.15	K14C9	330.251	61.486	20.037	10.719	0.24689	3.15975	5	X
K14SR6R	17.1	0.15	K14C9	38.070	154.394	188.422	14.474	0.13284	2.56189	7	X
K14SR8D	16.7	0.15	K14C9	14.633	173.329	191.423	9.820	0.13671	2.80610	6	X
K14SR9C	16.9	0.15	K14C9	338.025	248.458	187.627	7.169	0.18928	2.57602	6	X
K14SR9D	16.8	0.15	K14C9	17.868	204.735	173.053	5.155	0.12850	2.76865	7	X
K14SR9F	17.7	0.15	K14C9	2.953	247.603	153.318	2.214	0.09152	2.29237	8	X
K14SR9N	18.1	0.15	K14C9	11.190	265.284	126.077	2.099	0.19553	2.41771	3	X
K14SR9U	17.6	0.15	K14C9	63.939	241.500	74.127	2.937	0.21619	2.40562	5	X
K14SR9V	15.7	0.15	K14C9	20.102	318.511	55.256	6.448	0.16411	3.21184	8	X
K14SR9Y	19.3	0.15	K14C9	23.610	334.799	38.220	4.567	0.22517	2.19333	2	X
K14SSOL	15.9	0.15	K14C9	257.470	95.210	52.259	8.358	0.07862	3.19689	5	X
K14SSOP	17.5	0.15	K14C9	66.280	244.486	62.372	4.476	0.25378	2.38139	5	X
K14SSOV	18.2	0.15	K14C9	336.906	349.258	88.841	3.203	0.16044	2.35789	4	X
K14SSOX	16.7	0.15	K14C9	5.347	303.006	92.874	3.490	0.10809	2.72301	5	X
K14SSL1C	17.3	0.15	K14C9	55.245	243.747	82.631	3.558	0.21012	2.44460	5	X
K14SS4Z	17.8	0.15	K14C9	12.643	352.780	33.352	1.710	0.19263	2.42360	4	X
K14STOX	17.1	0.15	K14C9	6.737	6.303	18.351	6.401	0.16628	2.63122	4	X
K14ST5K	16.2	0.15	K14C9	14.684	337.622	31.650	15.741	0.26185	3.17708	3	X
K14SU0Y	18.1	0.15	K14C9	33.204	168.536	184.559	5.392	0.26335	2.38064	3	X
K14SULN	16.3	0.15	K14C9	51.157	277.782	52.675	12.445	0.13668	2.73143	7	X
K14SUIU	17.0	0.15	K14C9	54.468	258.346	71.335	6.047	0.15011	2.24029	7	X
K14SUIV	17.5	0.15	K14C9	5.659	78.994	310.598	10.185	0.25698	2.36778	4	X
K14SU5Q	17.0	0.15	K14C9	34.457	151.811	201.476	3.961	0.11957	2.81336	6	X
K14SU5R	17.5	0.15	K14C9	63.586	328.940	351.219	4.753	0.13784	2.31790	4	X
K14SU5Y	17.1	0.15	K14C9	37.570	114.206	226.431	4.198	0.20647	2.63400	4	X
K14SU6F	17.7	0.15	K14C9	1.506	337.055	61.136	6.058	0.12653	2.35436	4	X
K14SV2S	17.8	0.15	K14C9	7.353	286.511	105.025	1.596	0.09442	2.53084	5	X
K14SV3H	15.4	0.15	K14C9	63.524	148.900	158.965	3.505	0.21836	3.92450	7	X
K14SV3J	17.4	0.15	K14C9	63.771	181.461	141.513	3.081	0.12801	2.60499	6	X
K14SW5T	15.3	0.15	K14C9	59.297	297.587	12.132	17.872	0.19195	3.20814	5	X
K14SX5Z	17.5	0.15	K14C9	338.026	265.694	170.312	4.120	0.17677	2.57094	2	X
K14SX6L	16.9	0.15	K14C9	55.434	235.755	99.612	3.247	0.06924	2.86152	2	X

K14T03K 16.7 0.15 K14C9 115.035 74.459 201.879 13.645 0.08317 2.55620 4 X
 T2S1349 17.1 0.15 K14C9 50.680 189.579 193.347 2.394 0.25182 2.54153 5 X

New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K14D80H	20.9	0.15	K14C9	60.764	293.833	342.172	23.786	0.49048	1.77314	239	X
K14E48Z	18.8	0.15	K14C9	52.215	82.063	178.818	25.511	0.56393	2.25512	227	X
K14HC4R	22.8	0.15	K14C9	74.491	274.401	26.751	7.001	0.46826	1.60712	26	X
K14HD2M	25.0	0.15	K14C9	66.602	67.459	188.625	1.425	0.41793	1.94640	58	X
K14J15G	25.7	0.15	K14C9	214.232	284.607	221.468	9.844	0.23928	1.21014	6	X
K14L15E	17.3	0.15	K14C9	12.694	102.028	241.611	1.340	0.21881	2.46736	150	X
K14L16C	18.0	0.15	K14C9	16.510	158.608	186.310	2.011	0.24044	2.28278	144	X
K14M05L	18.4	0.15	K14C9	27.063	140.624	188.523	5.306	0.31346	2.27414	119	X
K14M06C	19.4	0.15	K14C9	43.772	197.262	83.954	10.400	0.62963	2.21456	132	X
K14M39T	18.0	0.15	K14C9	1.866	17.816	355.280	5.151	0.26086	2.29829	119	X
K14M44C	17.0	0.15	K14C9	351.061	152.777	223.246	3.549	0.26632	2.30106	137	S
K14N64K	17.6	0.15	K14C9	31.678	63.239	275.464	21.757	0.28488	2.39132	89	S
K14N64L	17.3	0.15	K14C9	9.735	5.216	339.052	6.708	0.13427	2.48809	113	X
K14O05U	16.5	0.15	K14C9	6.688	13.045	331.803	11.252	0.01122	2.62223	82	S
K14O22U	16.2	0.15	K14C9	100.165	289.573	300.340	13.593	0.03377	2.77522	101	S
K14O54W	16.6	0.15	K14C9	55.457	299.148	329.699	5.653	0.24915	2.68061	91	X
K14O95G	18.4	0.15	K14C9	31.528	211.453	129.546	3.141	0.17336	2.23591	78	S
K14O95V	17.7	0.15	K14C9	357.631	256.638	141.447	5.577	0.29816	2.43915	76	S
K14O95W	18.1	0.15	K14C9	27.090	13.904	333.371	12.213	0.19098	2.33869	86	X
K14OC1R	17.4	0.15	K14C9	28.977	344.845	325.320	2.934	0.28127	2.64691	142	X
K14OI1S	18.9	0.15	K14C9	44.234	303.782	357.562	6.987	0.28284	2.29118	80	S
K14OI7M	17.1	0.15	K14C9	8.743	193.296	177.520	8.009	0.21975	3.00454	89	X
K14OI7S	15.9	0.15	K14C9	338.777	75.625	331.829	11.096	0.13833	3.14155	85	S
K14OI7U	18.1	0.15	K14C9	10.429	198.513	183.090	6.209	0.23797	2.35205	83	X
K14OI8K	16.2	0.15	K14C9	345.841	226.156	171.963	9.458	0.10340	2.92956	117	X
K14OI8W	18.7	0.15	K14C9	34.144	161.138	185.366	2.384	0.19233	2.28652	86	X
K14OI9H	16.8	0.15	K14C9	9.204	215.965	154.920	2.869	0.07971	2.92224	80	S
K14OI9X	18.6	0.15	K14C9	20.538	25.855	343.049	4.930	0.25475	2.34755	89	S
K14OJ0A	15.7	0.15	K14C9	10.200	20.923	348.126	9.292	0.03854	3.06787	86	X
K14OJ0J	17.7	0.15	K14C9	359.863	50.523	347.080	7.696	0.25098	2.62660	83	X
K14OJ0O	18.0	0.15	K14C9	38.488	178.832	161.088	1.133	0.19969	2.39224	77	S
K14OJ1A	17.0	0.15	K14C9	4.695	212.077	174.763	12.329	0.18447	2.66950	89	X
K14OJ1V	17.7	0.15	K14C9	51.041	328.985	354.961	7.838	0.19887	2.24739	86	X
K14OJ1Z	16.4	0.15	K14C9	18.891	195.661	163.144	17.949	0.23378	3.14891	79	S
K14OJ2L	15.6	0.15	K14C9	322.293	52.985	15.211	8.726	0.10167	3.16601	109	X
K14OJ4X	17.8	0.15	K14C9	39.561	316.192	15.830	1.650	0.19056	2.40973	89	X
K14OJ5R	17.6	0.15	K14C9	37.510	168.463	155.323	6.880	0.27099	2.75980	81	S
K14OJ6A	17.3	0.15	K14C9	30.462	160.878	183.106	1.432	0.11084	2.69956	89	X
K14OJ6W	17.1	0.15	K14C9	6.046	204.238	173.717	8.364	0.22661	2.79280	89	X
K14OJ6X	17.8	0.15	K14C9	27.463	177.275	173.599	4.524	0.20158	2.39893	89	X
K14OJ7H	19.0	0.15	K14C9	36.508	179.891	156.986	2.704	0.23690	2.25626	82	S
K14OJ7X	18.3	0.15	K14C9	41.315	350.249	347.598	3.023	0.21148	2.27339	78	S
K14OJ8L	17.0	0.15	K14C9	29.247	167.927	177.781	13.651	0.14673	2.58620	89	X
K14OJ9C	16.1	0.15	K14C9	92.394	280.865	18.661	12.582	0.19050	2.57466	87	S
K14OM8L	18.0	0.15	K14C9	52.407	130.396	175.940	10.844	0.23899	2.59183	82	S
K14OM8N	17.1	0.15	K14C9	18.558	52.589	301.129	4.933	0.21376	3.17051	77	S
K14OM9C	18.1	0.15	K14C9	356.100	256.134	146.626	2.855	0.21988	2.39790	83	X
K14OM9V	17.4	0.15	K14C9	75.305	304.500	351.170	4.325	0.12896	2.56237	77	S
K14ON0E	18.2	0.15	K14C9	41.709	227.292	107.457	2.440	0.20067	2.39191	83	X
K14ON1A	17.6	0.15	K14C9	335.704	277.189	144.139	3.027	0.17128	2.41371	82	S
K14ON1G	17.7	0.15	K14C9	40.200	168.157	158.835	4.649	0.20010	2.62384	89	X
K14ON2G	17.9	0.15	K14C9	28.364	168.928	176.865	12.247	0.14667	2.61175	89	X
K14ON3C	16.9	0.15	K14C9	357.360	47.171	334.644	5.818	0.06519	2.68710	82	S
K14OT0J	17.4	0.15	K14C9	21.533	346.663	341.668	13.918	0.16317	2.64826	108	X
K14OT1S	17.4	0.15	K14C9	2.560	18.928	349.509	14.567	0.28338	2.65933	85	S
K14OT3N	17.0	0.15	K14C9	22.206	150.212	200.485	2.405	0.19308	2.81099	81	X
K14OT4F	17.2	0.15	K14C9	21.400	176.210	178.490	9.423	0.18089	2.68368	80	S
K14OT4K	17.0	0.15	K14C9	0.397	207.227	178.658	7.001	0.17811	2.59432	143	X
K14OT4P	18.2	0.15	K14C9	58.963	138.543	167.056	6.653	0.17794	2.43401	87	X
K14OT4S	17.4	0.15	K14C9	334.904	255.208	167.503	4.960	0.20132	2.60760	80	S
K14OT5Q	18.6	0.15	K14C9	17.067	218.053	150.544	3.864	0.33350	2.54388	81	X
K14OT5V	17.5	0.15	K14C9	351.520	222.610	176.386	14.872	0.18001	2.69993	65	X
K14OT6D	17.7	0.15	K14C9	69.232	292.826	350.254	11.921	0.25532	2.65017	64	X
K14OT6N	16.5	0.15	K14C9	19.902	249.947	106.493	3.103	0.11524	2.88886	87	X
K14OT6Y	16.5	0.15	K14C9	6.707	339.275	32.516	6.920	0.33309	3.93773	81	S
K14OT7W	16.5	0.15	K14C9	19.350	176.713	181.618	11.874	0.25837	3.05608	87	X
K14OT8F	17.8	0.15	K14C9	358.336	236.252	168.545	6.846	0.28467	2.60880	81	S
K14OV7G	18.8	0.15	K14C9	51.267	315.944	0.741	4.482	0.18693	2.17792	78	S
K14OV7K	18.5	0.15	K14C9	42.801	304.574	17.272	2.533	0.23032	2.32638	99	S
K14OX3Z	16.7	0.15	K14C9	5.060	232.857	147.687	12.732	0.12388	2.61774	77	S
K14OX7E	18.1	0.15	K14C9	82.148	272.672	11.318	4.877	0.17373	2.16115	76	S
K14OY0A	17.6	0.15	K14C9	25.714	348.270	328.505	5.771	0.26538	2.68419	91	X
K14OY1Y	18.0	0.15	K14C9	5.107	2.042	357.266	0.490	0.23056	2.41951	141	X
K14OY3S	17.3	0.15	K14C9	10.068	11.509	337.701	3.367	0.21394	2.46489	91	X
K14OY9K	17.9	0.15	K14C9	33.085	112.384	192.918	5.347	0.12378	2.57162	107	S
K14Oa0O	16.8	0.15	K14C9	36.997	336.927	347.283	14.036	0.12560	2.73245	79	S
K14Oa7C	18.6	0.15	K14C9	10.428	28.562	335.955	6.850	0.13727	2.17767	79	S
K14Ob7A	17.1	0.15	K14C9	10.800	358.160	346.084	6.025	0.11477	2.44308	108	X
K14Ob7B	16.6	0.15	K14C9	26.228	336.511	335.001	9.848	0.21100	3.14326	110	X
K14Ob8G	16.6	0.15	K14C9	6.255	0.991	342.841	3.107	0.16025	3.10497	82	S
K14Oc8A	17.0	0.15	K14C9	40.747	334.914	326.209	8.168	0.11722	2.69835	88	X
K14Od2K	19.9	0.15	K14C9	15.748	37.369	335.009	3.381	0.37357	2.27317	65	X
K14Od2V	16.3	0.15	K14C9	321.283	253.639	159.345	17.264	0.24487	3.04110	86	X
K14Od3H	16.8	0.15	K14C9	18.304	65.823	289.091	12.006	0.27213	2.77957	70	S
K14P00S	19.0	0.15	K14C9	38.772	286.982	40.980	9.101	0.29870	2.16183	75	S
K14P03D	17.3	0.15	K14C9	28.534	6.216	301.681	8.302	0.11974	2.85757	110	S
K14P11N	17.2	0.15	K14C9	356.398	212.758	148.978	4.137	0.20992	3.11451	73	S
K14P14U	18.4	0.15	K14C9	5.528	211.694	153.398	2.954	0.23577	2.41870	82	S
K14P17Y	16.0	0.15	K14C9	39.969	324.204	337.447	9.398	0.11295	3.10389	88	X
K14P25Z	17.8	0.15	K14C9	57.591	288.755	355.760	4.722	0.20073	2.48005	89	S
K14P28B	18.6	0.15	K14C9	9.999	16.782	350.945	4.679	0.25465	2.27395	76	S
K14P30U	18.2	0.15	K14C9	50.246	326.920	334.647	3.969	0.19828	2.40136	76	S

K14P32D	18.2	0.15	K14C9	5.688	4.958	2.150	5.198	0.18021	2.40527	76	S
K14P34L	17.8	0.15	K14C9	52.071	303.007	353.348	12.164	0.15859	2.64392	76	S
K14P39K	17.3	0.15	K14C9	334.964	221.644	182.556	4.607	0.14608	2.46280	76	S
K14P41S	16.3	0.15	K14C9	57.648	306.700	347.089	11.446	0.09777	3.05953	81	S
K14P41T	16.2	0.15	K14C9	334.891	47.046	344.232	10.082	0.07442	3.07832	87	S
K14P42L	17.2	0.15	K14C9	11.342	25.580	339.695	13.028	0.29401	2.61913	77	S
K14P44K	16.6	0.15	K14C9	3.680	321.387	55.770	16.027	0.22228	2.75016	81	S
K14P45C	17.2	0.15	K14C9	332.457	55.506	332.079	11.807	0.14413	2.97408	82	S
K14P47N	17.7	0.15	K14C9	9.587	30.709	326.308	2.056	0.16571	2.42853	88	S
K14P48N	17.6	0.15	K14C9	24.369	352.430	340.407	7.946	0.27828	2.76262	74	S
K14P50Z	17.9	0.15	K14C9	66.720	284.650	1.223	5.442	0.15205	2.29953	76	S
K14P51N	16.6	0.15	K14C9	85.557	279.083	345.794	15.591	0.12460	3.05064	81	S
K14P55R	18.3	0.15	K14C9	32.704	348.427	345.953	4.633	0.18162	2.24164	85	S
K14P56E	17.7	0.15	K14C9	6.063	207.062	164.103	6.436	0.13100	2.27962	67	S
K14P57V	17.4	0.15	K14C9	26.622	267.680	78.386	24.239	0.45047	3.14516	79	S
K14P58R	18.3	0.15	K14C9	23.955	297.921	73.521	6.459	0.32891	2.15145	76	S
K14P58U	17.9	0.15	K14C9	26.533	259.050	98.293	7.078	0.36353	2.56561	76	S
K14P58V	19.5	0.15	K14C9	27.357	234.144	123.418	6.825	0.36175	2.25639	78	S
K14P58W	18.3	0.15	K14C9	22.555	240.397	123.900	9.901	0.38698	2.67803	62	S
K14P59G	17.0	0.15	K14C9	55.213	283.014	4.102	29.098	0.31476	2.61790	80	S
K14P59L	17.0	0.15	K14C9	29.586	231.851	113.503	12.940	0.34777	2.66309	78	S
K14P59R	17.6	0.15	K14C9	21.768	303.662	36.191	14.586	0.30904	2.63430	61	S
K14P62R	20.6	0.15	K14C9	36.558	357.999	321.214	8.346	0.46961	2.15181	71	X
K14P64C	17.1	0.15	K14C9	355.383	35.561	333.163	7.196	0.24153	2.77174	91	X
K14P66K	17.8	0.15	K14C9	347.713	186.635	189.360	4.022	0.21480	2.72932	141	X
K14P67L	17.0	0.15	K14C9	22.256	350.610	323.014	17.685	0.33890	3.11311	79	S
K14Q00L	17.6	0.15	K14C9	11.729	245.553	136.226	17.942	0.38158	2.62658	61	S
K14Q00N	18.5	0.15	K14C9	6.126	264.345	130.158	12.477	0.34618	2.41027	96	S
K14Q02C	19.3	0.15	K14C9	10.185	322.990	59.875	8.699	0.39403	2.61189	64	S
K14Q19D	18.4	0.15	K14C9	5.940	191.760	187.878	5.012	0.23838	2.47042	65	S
K14Q19P	17.5	0.15	K14C9	19.829	176.338	181.439	6.746	0.18778	2.43066	87	X
K14Q19U	15.9	0.15	K14C9	68.949	102.366	186.896	13.888	0.10226	3.16639	122	S
K14Q23R	16.1	0.15	K14C9	337.577	221.988	177.346	16.891	0.20009	3.17638	78	S
K14Q26A	17.0	0.15	K14C9	26.912	163.006	170.836	17.238	0.16845	3.01693	72	S
K14Q27E	18.6	0.15	K14C9	31.602	158.008	182.806	8.750	0.14410	2.34192	65	S
K14Q27G	16.9	0.15	K14C9	45.687	125.532	176.397	17.039	0.25247	3.10846	77	S
K14Q29E	17.5	0.15	K14C9	29.547	136.633	182.234	7.852	0.31342	3.07202	66	S
K14Q29M	17.1	0.15	K14C9	22.842	143.188	194.469	7.786	0.18114	3.11537	60	S
K14Q33X	20.1	0.15	K14C9	45.877	188.888	141.185	20.788	0.31635	1.70009	64	X
K14Q40N	19.3	0.15	K14C9	36.782	157.834	176.793	6.321	0.15476	2.18625	60	S
K14QA9X	17.5	0.15	K14C9	14.448	145.433	199.939	4.570	0.19403	2.46172	86	S
K14QE1H	17.9	0.15	K14C9	45.955	185.300	126.516	4.360	0.22983	2.53122	76	S
K14QE2P	16.2	0.15	K14C9	321.807	51.325	4.970	12.915	0.10873	3.03118	63	S
K14QE7Y	16.8	0.15	K14C9	44.478	322.808	353.047	9.271	0.06780	3.16529	70	S
K14QF0E	18.3	0.15	K14C9	354.227	58.388	345.517	23.954	0.27037	2.31307	70	S
K14QF0T	16.9	0.15	K14C9	86.024	117.161	152.345	9.491	0.14068	2.72904	73	S
K14QF1E	19.0	0.15	K14C9	47.238	317.548	4.006	3.117	0.19234	2.17044	79	S
K14QF2Y	16.3	0.15	K14C9	355.131	201.338	179.228	17.139	0.19571	3.21830	77	S
K14QG8C	18.0	0.15	K14C9	43.554	313.281	34.329	25.295	0.19540	2.26791	61	S
K14QG9Y	18.0	0.15	K14C9	7.790	190.554	182.294	6.670	0.11060	2.27094	65	S
K14QH0D	17.4	0.15	K14C9	4.244	194.795	176.154	12.308	0.11190	2.62260	77	S
K14Q19U	16.0	0.15	K14C9	288.229	263.166	168.209	10.167	0.07981	3.17849	61	S
K14QN7P	15.8	0.15	K14C9	275.925	98.949	0.426	10.930	0.09006	3.21121	78	S
K14Q01Q	18.0	0.15	K14C9	355.449	234.421	159.429	14.978	0.25551	2.58148	65	S
K14QQ7H	17.5	0.15	K14C9	48.038	160.695	162.112	5.925	0.23568	2.55272	61	S
K14QQ7X	16.3	0.15	K14C9	21.625	351.960	7.051	17.822	0.23623	3.09368	60	S
K14QR3X	17.6	0.15	K14C9	1.933	11.183	13.345	15.312	0.30342	2.65758	60	S
K14QR5F	17.3	0.15	K14C9	55.771	157.449	145.246	2.687	0.23593	3.03418	78	S
K14QSIQ	17.2	0.15	K14C9	16.196	301.548	82.473	3.857	0.19826	2.44973	116	S
K14QT6K	18.6	0.15	K14C9	124.754	228.712	351.903	17.486	0.34381	1.83694	62	X
K14QT6L	19.7	0.15	K14C9	24.812	289.955	76.471	8.931	0.38456	2.33296	63	S
K14QU1L	18.0	0.15	K14C9	73.523	264.967	24.157	6.970	0.18574	2.29860	78	S
K14QU6Z	17.9	0.15	K14C9	23.424	215.939	139.431	3.360	0.20599	2.41092	89	X
K14QU7Q	18.5	0.15	K14C9	23.366	191.339	166.846	12.132	0.22956	2.40801	79	S
K14QV0V	19.4	0.15	K14C9	45.135	344.507	342.559	1.506	0.19370	2.16343	76	S
K14QW8R	16.8	0.15	K14C9	31.572	185.817	164.084	6.820	0.19880	3.05933	60	S
K14QW8Z	16.6	0.15	K14C9	8.601	355.112	29.675	13.329	0.27509	3.08840	60	S
K14QX7S	16.4	0.15	K14C9	26.747	37.167	274.305	5.817	0.14531	3.09801	105	S
K14QZ2Z	18.7	0.15	K14C9	20.988	15.267	346.797	3.590	0.10606	2.15592	79	S
K14QZ3N	18.4	0.15	K14C9	28.254	1.383	347.274	1.797	0.23786	2.27174	79	S
K14QZ3T	18.3	0.15	K14C9	40.082	336.608	357.940	7.269	0.12876	2.31134	79	S
K14QZ5X	18.9	0.15	K14C9	19.371	346.878	15.610	3.659	0.24879	2.41895	75	S
K14QZ8C	17.3	0.15	K14C9	328.829	81.985	358.094	12.351	0.24975	2.68053	75	S
K14QZ9Y	16.7	0.15	K14C9	351.881	199.200	195.247	0.682	0.16156	3.14105	74	S
K14Qa4G	18.7	0.15	K14C9	7.147	237.244	153.821	14.329	0.40083	2.70653	79	S
K14Qa4Y	19.1	0.15	K14C9	8.270	41.142	3.416	3.486	0.52796	2.82570	52	X
K14Qb2H	18.3	0.15	K14C9	10.480	9.248	4.134	13.287	0.26233	2.62350	75	S
K14Qb6W	18.8	0.15	K14C9	33.650	143.709	187.949	8.258	0.27704	2.60372	79	S
K14Qc5B	17.2	0.15	K14C9	49.823	326.464	347.862	0.953	0.20040	2.41711	77	X
K14Qd3Y	17.5	0.15	K14C9	14.653	7.730	359.773	13.864	0.27326	2.62246	82	S
K14Qd9Q	18.2	0.15	K14C9	28.410	142.477	196.119	2.928	0.25351	2.59621	64	S
K14Qf9Q	17.7	0.15	K14C9	8.988	170.027	204.864	2.330	0.21166	2.41874	106	S
K14Qg0E	18.3	0.15	K14C9	28.840	323.671	20.664	1.758	0.20463	2.42769	102	S
K14Qg0H	16.8	0.15	K14C9	25.284	338.311	2.557	9.536	0.22436	2.99400	75	S
K14Qg9Q	17.0	0.15	K14C9	36.449	134.307	180.903	15.099	0.24232	3.14848	69	S
K14Qh1S	16.4	0.15	K14C9	95.398	266.828	30.690	18.651	0.11718	2.75857	82	S
K14Qh4K	19.1	0.15	K14C9	1.963	165.916	252.349	5.973	0.50327	1.94006	115	X
K14Qh9J	21.8	0.15	K14C9	13.945	280.439	84.384	2.985	0.55173	2.77749	58	X
K14R09P	18.0	0.15	K14C9	6.062	124.059	264.916	3.166	0.29409	2.47172	83	S
K14R12Q	16.5	0.15	K14C9	27.372	230.387	133.878	14.546	0.28683	2.60406	60	S
K14R18N	18.6	0.15	K14C9	32.044	320.735	43.781	25.758	0.13597	1.89502	65	S
K14R18X	16.8	0.15	K14C9	25.977	321.837	39.108	10.745	0.18700	2.78035	60	S
K14R21H	17.1	0.15	K14C9	27.554	143.740	196.860	2.103	0.22899	2.85421	80	S
K14R32G	18.2	0.15	K14C9	53.718	317.294	337.349	2.829	0.18745	2.41685	72	S
K14R38L	17.0	0.15	K14C9	26.986	162.976	173.343	13.922	0.25062	2.69146	132	S
K14R42L	17.8	0.15	K14C9	34.987	331.952	358.652	13.942	0.27815	2.60413	73	S
K14R42P	17.3	0.15	K14C9	8.862	169.858	205.430	1.727	0.18235	2.74283	75	S

K14R42T	17.3	0.15	K14C9	6.294	13.243	7.419	15.490	0.21134	2.68712	82 S
K14S15Z	18.3	0.15	K14C9	9.137	7.116	3.962	3.407	0.14122	2.39299	63 S
K14S21B	17.9	0.15	K14C9	184.482	190.729	0.820	10.047	0.05048	2.39925	63 S
K14S21H	17.8	0.15	K14C9	354.362	38.042	3.405	7.588	0.30658	2.65471	75 S
K14S52W	16.9	0.15	K14C9	357.470	281.277	94.972	3.092	0.10507	2.66772	97 S
K14S83P	18.5	0.15	K14C9	339.777	214.328	200.393	5.261	0.13769	2.28150	78 S
K14S83S	18.3	0.15	K14C9	335.152	226.227	201.061	4.430	0.20254	2.28125	81 S
K14S93L	18.3	0.15	K14C9	76.255	321.690	330.914	4.754	0.17483	2.17470	79 S
K14SA3E	18.3	0.15	K14C9	52.703	312.973	7.417	7.173	0.13811	2.31529	75 S
K14SA4P	17.7	0.15	K14C9	56.524	274.426	29.787	3.561	0.20923	2.68607	86 S
K14SB8T	16.9	0.15	K14C9	290.336	287.372	175.768	4.875	0.07413	2.70386	79 S
K14SC2T	16.3	0.15	K14C9	51.898	256.388	69.003	3.104	0.05673	2.90951	106 S
K14SC5Q	18.0	0.15	K14C9	349.819	25.892	24.387	7.364	0.19079	2.39521	76 S
K14SC5Y	18.5	0.15	K14C9	12.738	316.707	63.750	2.635	0.20736	2.24612	77 S
K14SE1C	16.9	0.15	K14C9	31.392	326.981	12.765	14.425	0.16453	2.79502	85 S
K14SE1U	21.6	0.15	K14C9	14.535	338.114	36.846	12.520	0.53301	2.64700	34 X
K14SE1X	22.6	0.15	K14C9	10.104	195.535	197.327	0.708	0.53521	2.53704	36 X
K14SE3N	20.9	0.15	K14C9	359.314	228.008	201.931	6.327	0.35222	1.86719	35 X
K14SE3O	19.7	0.15	K14C9	61.457	98.987	191.675	1.849	0.41602	2.16786	35 X
K14SE4J	17.0	0.15	K14C9	14.000	221.098	174.007	5.534	0.32967	2.56297	115 S
K14SE4S	17.1	0.15	K14C9	16.032	206.003	181.517	7.960	0.35360	2.60132	113 S
K14SE7R	17.7	0.15	K14C9	13.045	351.392	18.182	7.044	0.13882	2.67320	77 S
K14SG0F	17.9	0.15	K14C9	37.476	151.741	178.339	5.292	0.35509	2.67412	132 S
K14SG1D	17.7	0.15	K14C9	47.862	158.848	171.583	1.875	0.21601	2.40882	110 S
K14SG5B	18.0	0.15	K14C9	41.430	206.885	135.256	2.513	0.23722	2.25083	63 S
K14SH2B	17.5	0.15	K14C9	39.999	324.016	6.931	6.598	0.12661	2.65747	83 S
K14SH9B	18.0	0.15	K14C9	84.442	234.557	44.603	1.801	0.16052	2.43198	86 S
K14SIOA	17.9	0.15	K14C9	13.660	352.860	18.994	6.928	0.14629	2.37551	85 S
K14SI7O	16.8	0.15	K14C9	355.515	348.452	45.877	7.383	0.22007	2.92191	75 S
K14SJJN	17.8	0.15	K14C9	293.897	349.941	115.799	2.397	0.11220	2.26122	77 S
K14SJJL	18.1	0.15	K14C9	41.610	283.326	46.414	2.807	0.22536	2.42363	78 S
K14SJ2A	17.3	0.15	K14C9	29.929	214.808	133.492	2.713	0.10767	2.83173	80 S
K14SJ2N	17.5	0.15	K14C9	51.658	292.046	28.960	7.203	0.16537	2.42710	76 S
K14SK4U	18.3	0.15	K14C9	16.247	339.277	33.450	4.037	0.14445	2.22691	77 S
K14SK6Z	16.8	0.15	K14C9	4.021	240.793	176.831	4.019	0.15412	2.55755	88 S
K14SK7N	17.3	0.15	K14C9	33.184	304.569	73.686	7.199	0.15424	2.40352	83 S
K14SM1G	16.0	0.15	K14C9	9.104	95.989	260.701	23.913	0.31473	3.18167	150 S
K14SN0N	19.1	0.15	K14C9	29.439	16.758	342.468	1.210	0.22702	2.22307	86 S
K14SN1Z	16.1	0.15	K14C9	11.288	192.309	188.242	24.770	0.21649	3.11981	116 S
K14SN5W	17.0	0.15	K14C9	15.625	149.386	204.756	3.019	0.35224	3.23726	76 S
K14SP0N	17.0	0.15	K14C9	17.351	318.197	46.955	5.728	0.17609	2.27165	71 S
K14SP6C	18.2	0.15	K14C9	6.154	47.157	343.560	1.777	0.20033	2.41063	83 S
K14SQ1Q	18.6	0.15	K14C9	0.801	29.649	33.277	20.896	0.53843	2.99205	30 X
K14SQ1T	19.2	0.15	K14C9	8.214	345.929	14.748	17.331	0.65139	4.23121	31 X
K14SQ1Z	20.9	0.15	K14C9	13.262	178.829	219.907	7.545	0.35092	1.95691	30 X
K14SQ3E	18.0	0.15	K14C9	13.432	223.493	150.492	3.268	0.25857	2.49078	80 S
K14SQ3N	17.6	0.15	K14C9	9.881	243.663	139.962	6.679	0.21989	2.44937	86 S
K14SQ3R	17.0	0.15	K14C9	16.706	341.670	31.174	13.688	0.29441	2.64307	79 X
K14SQ5J	17.3	0.15	K14C9	17.677	247.848	123.047	2.824	0.22281	2.69356	60 S
K14SQ6Y	16.2	0.15	K14C9	31.692	121.138	231.465	14.158	0.15389	2.88564	105 S
K14SQ7B	15.5	0.15	K14C9	55.573	26.112	300.294	9.221	0.08992	3.11254	105 S
K14SS5W	16.1	0.15	K14C9	7.231	187.574	203.314	12.456	0.15365	3.10354	113 S
K14ST0L	16.6	0.15	K14C9	57.549	107.658	184.418	20.471	0.17375	3.05638	126 S
K14ST2F	16.6	0.15	K14C9	17.440	169.111	210.439	8.518	0.15785	2.78917	114 S
K14SU4G	16.3	0.15	K14C9	359.410	149.329	243.853	9.447	0.65595	6.61647	49 X
K14SU9V	16.3	0.15	K14C9	316.612	252.134	212.851	15.512	0.08596	2.56368	86 S
K14SV2P	17.1	0.15	K14C9	348.861	226.984	197.787	32.227	0.30008	2.61124	115 X
K14SW3X	16.6	0.15	K14C9	340.536	7.721	54.357	14.022	0.18741	3.18525	72 S
K14SW4C	24.2	0.15	K14C9	5.326	221.367	210.206	1.655	0.52578	1.92987	25 W
K14SX2Q	18.3	0.15	K14C9	24.928	63.472	295.760	1.180	0.25473	2.56795	75 S
K14T07V	16.9	0.15	K14C9	24.658	170.160	195.465	11.451	0.28104	3.03559	113 S
K14T14C	16.8	0.15	K14C9	44.360	78.059	267.881	3.669	0.11793	2.77145	114 S
K14T17L	22.9	0.15	K14C9	342.910	263.034	213.267	9.435	0.31793	1.16806	23 X
K14T24C	18.0	0.15	K14C9	357.493	41.903	347.790	1.988	0.19104	2.42369	80 S
K14T24D	17.7	0.15	K14C9	16.587	357.313	7.362	7.541	0.12148	2.27368	99 S
K14T32X	20.2	0.15	K14C9	29.049	149.124	214.085	24.840	0.30181	1.74987	18 X
K14T33V	18.4	0.15	K14C9	90.408	331.920	331.857	20.189	0.08618	1.84928	109 S
K14T35X	18.4	0.15	K14C9	20.732	332.863	45.533	22.906	0.12324	1.89231	65 S
K14T36A	20.6	0.15	K14C9	348.093	255.793	229.550	6.151	0.70911	2.82493	12 X
K14T57S	21.5	0.15	K14C9	351.033	82.344	18.826	36.104	0.46364	1.78271	8 X
K14T57X	21.3	0.15	K14C9	357.934	208.101	235.049	11.773	0.44851	1.86997	18 X
K14U00S	19.1	0.15	K14C9	354.364	237.316	228.614	27.111	0.59129	2.61379	16 X
K14U00Y	25.1	0.15	K14C9	340.190	245.166	219.430	3.609	0.17508	1.17712	8 X
K14U07X	25.5	0.15	K14C9	81.000	136.440	208.440	7.280	0.04919	1.10405	4 X
K14U07Y	24.7	0.15	K14C9	14.414	180.524	200.014	3.566	0.57599	2.42962	4 X
K14U33A	21.7	0.15	K14C9	5.286	292.254	127.717	5.886	0.48215	2.20922	4 X
K14U33O	22.1	0.15	K14C9	6.403	11.242	39.701	14.118	0.54279	2.52805	4 X
K14U33P	17.9	0.15	K14C9	349.597	265.974	191.281	19.480	0.50962	3.07552	52 W
K14U33Q	23.8	0.15	K14C9	27.723	137.252	211.023	4.922	0.50804	2.17286	2 W
K14U33R	22.4	0.15	K14C9	6.392	126.728	273.942	0.928	0.51241	2.84151	2 W
K14U33S	25.0	0.15	K14C9	56.003	113.219	209.282	17.986	0.37855	1.53090	2 W
K14U33T	23.4	0.15	K14C9	351.100	73.687	35.959	7.514	0.42066	1.45858	2 W
K14U33U	25.1	0.15	K14C9	358.342	99.299	23.837	3.516	0.65654	1.73858	2 X
K14U33V	17.9	0.15	K14C9	345.249	335.114	115.779	8.850	0.41314	2.01643	79 W
K14U33W	22.8	0.15	K14C9	190.621	15.925	217.326	13.313	0.43071	0.83601	3 W
K14U33X	24.7	0.15	K14C9	18.675	17.826	8.905	7.211	0.43160	1.86613	2 W

New one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K14F33S	17.4	0.15	K1430	14.443	102.292	33.825	30.270	0.27071	2.58721	18 S	
K140A4S	16.6	0.15	K148V	329.591	33.347	331.701	8.920	0.11057	3.07538	89 X	
K140J2H	17.1	0.15	K148V	324.832	68.230	352.560	29.497	0.29502	2.60522	89 X	
K140Y2W	18.0	0.15	K148V	8.605	348.361	319.922	2.878	0.27985	2.64716	88 X	
K140Y3R	17.7	0.15	K148V	347.176	358.701	345.354	2.055	0.21076	2.43955	90 X	
K14Q14F	18.2	0.15	K129A	199.405	126.175	193.851	12.462	0.30447	2.62458	433 S	
K14Q24P	16.1	0.15	K123E	113.866	256.462	182.215	15.365	0.10824	3.07551	854 S	
K14Q26U	17.8	0.15	K1413	250.736	199.037	194.441	6.653	0.09195	2.27386	555 S	

K14Q26V	18.0	0.15	K11BF	56.917	93.054	267.309	3.356	0.19008	2.27557	079	S
K14Q27A	17.9	0.15	K12AK	197.150	64.960	296.713	3.941	0.21660	2.67191	423	S
K14Q27T	18.9	0.15	K133T	223.184	5.586	306.200	2.352	0.17518	2.17179	099	S
K14QA5U	18.5	0.15	K109L	4.141	121.621	217.482	2.140	0.22983	2.53537	972	S
K14QA6U	16.2	0.15	K136H	287.908	162.596	161.252	10.898	0.10380	3.15210	972	S
K14QD2E	18.5	0.15	K133T	210.995	331.843	353.948	4.813	0.22626	2.18973	120	S
K14QD30	15.9	0.15	K1243	262.035	282.038	359.029	7.720	0.08779	3.18950	807	S
K14QG7E	15.8	0.15	K148V	40.050	228.737	86.651	13.817	0.18885	2.66814	56	S
K14QH9M	17.5	0.15	K12AK	181.547	24.110	356.973	13.982	0.20264	2.64150	425	S
K14QJ4S	16.0	0.15	K136H	277.841	55.534	283.867	6.940	0.17855	3.10216	922	S
K14QK5G	18.1	0.15	K129A	165.492	71.599	312.186	4.533	0.18846	2.67623	417	S
K14QL4G	16.8	0.15	K1358	261.499	176.906	166.243	11.755	0.10190	2.90116	988	S
K14QL8K	17.2	0.15	K1035	357.216	82.737	265.741	3.510	0.13871	2.74005	303	S
K14QM4Y	17.7	0.15	K093A	174.519	50.908	308.115	5.924	0.18873	2.40539	008	S
K14QP2X	16.4	0.15	K123E	201.590	229.856	115.389	7.658	0.23160	3.09646	830	S
K14QP3F	16.1	0.15	K148V	25.958	306.265	7.718	26.701	0.18465	3.20004	56	S
K14QP4C	17.3	0.15	K149K	343.798	10.167	16.230	15.171	0.26451	2.62043	63	X
K14QP7C	16.6	0.15	K12AK	240.639	233.321	78.650	9.511	0.17443	2.73899	413	S
K14QQ7G	16.8	0.15	K12AK	173.539	228.155	175.215	32.149	0.22960	2.61068	440	S
K14QS9Z	16.3	0.15	K10BK	69.657	219.897	118.072	12.958	0.16420	2.76287	823	S
K14QU1V	19.0	0.15	K133T	229.042	181.564	120.998	2.730	0.19177	2.14406	078	S
K14QU4H	16.4	0.15	K148V	11.710	333.179	356.252	18.987	0.16488	3.04085	56	S
K14QU7A	17.8	0.15	K148V	33.276	309.588	0.478	6.893	0.12607	2.31226	79	S
K14QU7B	18.6	0.15	K149K	359.441	232.762	127.827	1.933	0.20116	2.39617	61	X
K14QU7J	18.2	0.15	K094J	208.330	291.939	51.209	3.140	0.20272	2.40580	985	S
K14QV0X	17.6	0.15	K13CE	290.329	174.690	167.614	10.397	0.11047	2.25213	560	S
K14QW40	17.4	0.15	K12AK	214.682	332.735	10.592	11.877	0.18513	2.63504	431	S
K14QW5L	16.3	0.15	K149K	357.570	191.424	181.197	17.623	0.20277	3.15007	54	S
K14QW6P	18.6	0.15	K149K	3.298	334.356	26.869	6.514	0.33179	2.70735	60	X
K14QW70	19.0	0.15	K149K	355.091	359.138	17.747	3.481	0.24565	2.23920	60	X
K14QW8M	18.1	0.15	K149K	338.176	31.318	15.871	10.877	0.24869	2.34821	60	X
K14QW8T	18.3	0.15	K134I	208.782	326.146	32.029	5.213	0.14807	2.16347	084	S
K14QW9H	17.4	0.15	K149K	342.979	335.221	64.370	6.977	0.20392	2.41876	57	S
K14QW9L	16.8	0.15	K10BK	19.517	307.649	101.381	6.974	0.11036	2.69062	834	S
K14QX0H	17.2	0.15	K149K	2.304	238.996	130.303	7.570	0.18976	2.58544	57	S
K14QX0Q	17.8	0.15	K149K	14.216	289.276	60.734	6.587	0.18946	2.29678	60	X
K14QX0R	16.6	0.15	K149K	2.574	259.732	111.530	7.331	0.09031	2.74766	54	S
K14QX0S	18.2	0.15	K149K	347.086	19.148	13.676	14.424	0.24012	2.44837	60	X
K14QX0U	18.6	0.15	K149K	5.452	327.074	34.821	4.475	0.21075	2.18323	60	X
K14QX1H	17.7	0.15	K149K	358.225	350.237	21.868	9.750	0.20315	2.48996	56	S
K14QX2W	16.1	0.15	K149K	94.859	213.017	46.140	6.632	0.13165	2.90992	54	S
K14QX5P	18.2	0.15	K149K	339.697	315.461	86.508	3.141	0.15669	2.38351	57	S
K14QX6S	17.4	0.15	K149K	257.420	97.989	7.454	7.473	0.05099	2.26768	59DX	
K14QY7X	17.7	0.15	K1149	4.836	342.536	31.499	3.190	0.18891	2.37716	524	S
K14QY80	16.6	0.15	K149K	349.208	208.054	168.958	8.523	0.29579	3.94939	51	S
K14QY8Q	17.1	0.15	K148V	359.895	185.187	166.397	5.223	0.15703	3.23017	58	S
K14QY9B	17.0	0.15	K149K	29.061	150.650	173.180	6.464	0.06821	2.88602	58	X
K14QZ0N	16.9	0.15	K149K	335.679	313.498	72.668	3.059	0.06195	2.87420	65	X
K14QZ0O	18.3	0.15	K148V	1.094	283.437	65.723	2.195	0.19640	2.45795	85	X
K14QZ1K	17.8	0.15	K149K	347.999	325.229	53.532	2.878	0.21398	2.63993	61	X
K14QZ2E	19.0	0.15	K1149	15.549	213.602	140.813	2.065	0.20461	2.34495	564	S
K14QZ3L	17.9	0.15	K149K	349.299	9.894	3.631	1.925	0.22586	2.65459	65	X
K14QZ4D	18.2	0.15	K149K	346.078	207.024	170.631	2.692	0.15679	2.32403	58	X
K14QZ40	18.6	0.15	K13CE	156.905	300.602	170.082	23.640	0.09375	1.95461	565	S
K14QZ9N	18.7	0.15	K115J	250.861	12.724	346.311	17.202	0.10527	1.86918	426	S
K14Qa0K	20.1	0.15	K149K	5.479	146.791	202.308	1.352	0.24375	2.25426	51	S
K14Qa0O	17.7	0.15	K129U	223.648	147.243	180.010	3.158	0.09318	2.69762	429	S
K14Qa0V	17.2	0.15	K149K	48.700	305.697	1.079	4.590	0.06126	2.76654	58	X
K14Qa1Z	18.1	0.15	K149K	338.805	196.652	189.672	2.367	0.19697	2.46346	55	S
K14Qa2E	17.7	0.15	K149K	336.892	200.076	178.613	27.001	0.24794	2.29274	50	S
K14Qa6H	17.2	0.15	K149K	342.217	354.414	49.196	5.403	0.20760	2.69411	60	X
K14Qa6Y	17.5	0.15	K149K	13.284	292.259	64.133	7.361	0.13916	2.27152	52	S
K14Qa7K	17.6	0.15	K1413	331.554	182.542	146.615	8.837	0.21672	2.63789	539	S
K14Qa7Q	17.1	0.15	K114T	34.612	270.086	105.831	7.196	0.10295	2.41032	534	S
K14Qa8Q	17.2	0.15	K149K	354.467	344.391	44.471	15.700	0.26004	2.62726	57	S
K14Qa8X	16.8	0.15	K149K	347.679	9.162	6.567	12.075	0.19928	2.69155	65	X
K14Qa9A	16.4	0.15	K149K	64.814	255.864	16.889	10.982	0.17702	3.04138	52	S
K14Qa9V	17.2	0.15	K10AB	315.985	315.960	125.915	3.896	0.06129	2.67935	870	S
K14Qb5V	17.0	0.15	K149K	293.630	235.306	199.786	5.941	0.09221	2.62407	52	S
K14Qb6P	16.7	0.15	K149K	349.951	190.483	180.460	28.076	0.11957	3.03898	51	S
K14Qb6T	17.7	0.15	K149K	12.693	156.309	183.391	17.858	0.18526	2.56540	51	S
K14Qb7H	17.7	0.15	K149K	298.514	245.930	192.430	9.365	0.16046	2.39176	51	S
K14Qb7J	17.7	0.15	K149K	352.587	187.848	183.889	15.827	0.22605	2.99702	58	X
K14Qb7R	17.2	0.15	K149K	9.072	162.130	186.933	17.398	0.13942	3.15424	58	X
K14Qb8E	16.4	0.15	K149K	247.885	292.286	188.393	9.879	0.07252	3.08016	58	X
K14Qc1A	16.9	0.15	K149K	64.213	9.818	263.837	2.778	0.18131	3.09556	51	S
K14Qc1T	17.3	0.15	K12AK	231.059	285.719	31.104	13.093	0.28592	2.64362	446	S
K14Qc2L	18.3	0.15	K127C	150.039	145.620	182.127	4.587	0.19258	2.27931	623	S
K14Qc2O	18.1	0.15	K148V	354.477	20.194	335.769	5.542	0.18801	2.31127	59	S
K14Qc3F	16.0	0.15	K119G	169.070	17.854	353.036	17.375	0.12675	3.20519	210	S
K14Qc4O	16.3	0.15	K12BT	212.026	51.696	345.468	10.867	0.09398	3.23570	328	S
K14Qc6J	16.1	0.15	K1358	19.200	305.929	295.992	8.961	0.08499	2.81141	987	S
K14Qc6P	16.8	0.15	K149K	346.733	74.758	316.270	10.709	0.19842	2.62477	54	S
K14Qc7A	15.6	0.15	K149K	355.991	263.711	129.434	9.612	0.14122	3.00622	53	S
K14Qc8Z	17.7	0.15	K149K	310.856	242.070	184.812	9.320	0.18660	2.58119	55	X
K14Qd3D	16.9	0.15	K136H	334.896	121.471	166.262	5.294	0.12270	3.14429	933	S
K14Qd3P	16.7	0.15	K148V	1.253	339.663	11.294	14.565	0.08216	3.10731	58	S
K14Qd3Z	16.6	0.15	K149K	14.270	155.130	183.119	12.513	0.14406	3.14616	58	X
K14Qd4B	16.3	0.15	K149K	283.088	264.639	183.734	11.903	0.11791	3.14418	58	X
K14Qd5L	17.6	0.15	K149K	9.141	156.470	186.709	15.294	0.26552	3.08553	58	X
K14Qd5S	18.6	0.15	K149K	328.238	217.668	186.177	4.857	0.15373	2.27592	58	X
K14Qd5Y	16.8	0.15	K149K	282.619	92.644	359.648	7.723	0.13112	2.72040	51	S
K14Qd9F	16.2	0.15	K114T	181.918	173.717	219.218	2.323	0.22828	3.93614	522	S
K14Qd9S	16.5	0.15	K149K	339.780	203.637	180.625	5.223	0.13774	3.09495	57	X
K14Qe3F	18.0	0.15	K12AK	179.625	39.007	348.277	12.765	0.25967	2.56096	443	S
K14Qe6H	18.1	0.15	K129U	201.413	139.508	202.391	4.275	0.17456	2.64210	431	S
K14Qe9B	18.6	0.15	K149K	9.759	183.031	184.997	3.028	0.24701	2.22777	54	S

K14Qf8B	14.9	0.15	K137R	302.964	165.404	206.620	10.970	0.13271	3.93390	864	S
K14Qf8M	18.4	0.15	K149K	345.334	81.954	308.181	3.788	0.24793	2.60130	48	S
K14Qg0B	16.5	0.15	K148V	344.488	16.045	358.941	19.579	0.21873	3.08309	43	S
K14Qg1B	17.3	0.15	K149K	336.314	245.456	159.694	6.953	0.09347	2.42186	52	S
K14Qg1T	15.3	0.15	K11A6	185.379	172.853	198.604	9.726	0.10638	3.55499	165	S
K14Qg3U	16.7	0.15	K149K	280.856	258.853	188.642	21.700	0.06752	2.66993	54	X
K14Qg5M	17.8	0.15	K135S	225.790	325.550	57.253	0.927	0.08399	2.76709	938	S
K14Qh0C	16.7	0.15	K13CE	359.102	335.227	302.383	2.617	0.21770	3.04245	579	S
K14Qh2C	17.0	0.15	K149K	6.948	236.223	138.035	1.657	0.29224	3.05461	53	S
K14Qh8C	16.3	0.15	K149K	35.394	291.914	58.253	17.259	0.19352	3.07124	53	S
K14Qh8L	15.8	0.15	K149K	65.553	255.277	62.404	15.687	0.19000	3.12458	54	X
K14Qh8N	17.7	0.15	K149K	346.431	352.960	62.507	7.845	0.17802	2.31828	49	S
K14Qh8S	17.3	0.15	K149K	359.948	318.092	82.613	6.103	0.10185	2.63132	54	X
K14Qh8V	16.3	0.15	K149K	20.338	320.882	46.568	28.903	0.20695	3.08106	54	X
K14Qh9Z	16.0	0.15	K149K	1.447	91.526	249.846	9.032	0.22541	3.07849	50	S
K14Qi0C	16.4	0.15	K149K	4.090	11.254	1.489	9.533	0.16326	2.80604	53	S
K14Qi1J	15.6	0.15	K149K	355.525	15.589	11.834	29.433	0.20242	3.17600	52	S
K14R09N	18.4	0.15	K149K	24.072	136.271	204.620	4.712	0.18248	2.25067	49	S
K14R12T	17.2	0.15	K149K	55.997	270.713	51.528	24.248	0.17209	1.86463	50	X
K14R13A	17.0	0.15	K149K	26.394	305.307	43.087	31.928	0.27751	2.57196	48	S
K14R18H	17.0	0.15	K149K	355.973	25.153	350.136	31.374	0.21008	2.32809	40	S
K14R41Q	16.5	0.15	K149K	339.559	16.849	4.569	6.158	0.07211	2.80416	59	X
K14R43E	15.6	0.15	K148V	359.193	35.277	325.246	16.740	0.17412	3.11260	33	S
K14R44M	17.6	0.15	K149K	19.392	143.015	205.383	14.691	0.10422	2.59738	40	X
K14R45G	16.0	0.15	K149K	26.137	125.915	217.434	2.751	0.09856	3.00778	40	X
K14R45K	16.9	0.15	K149K	22.401	146.425	198.580	8.801	0.14979	3.07115	40	X
K14R45M	18.5	0.15	K149K	30.173	117.395	204.938	2.461	0.24045	2.25221	40	X
K14R45R	18.1	0.15	K149K	343.699	36.766	2.329	3.749	0.24771	2.34467	57	X
K14R47S	17.5	0.15	K149K	314.308	259.750	178.628	11.977	0.24735	2.64976	52	S
K14R48B	18.1	0.15	K149K	17.633	307.305	32.317	3.201	0.19034	2.45797	33	S
K14R48N	18.0	0.15	K149K	29.479	128.032	189.283	12.801	0.25309	2.57594	44	S
K14R49D	18.1	0.15	K149K	340.078	211.101	184.879	5.870	0.13431	2.40294	34	S
K14R50L	17.3	0.15	K149K	14.382	330.145	20.962	5.521	0.13207	2.70612	31	S
K14R56K	17.4	0.15	K149K	314.365	236.128	191.138	11.287	0.17736	2.68229	48	S
K14S14V	18.7	0.15	K148V	2.777	334.921	7.885	7.633	0.15411	2.26624	83	S
K14S21X	18.5	0.15	K149K	335.328	260.492	133.836	1.717	0.20742	2.45919	51	S
K14S22Y	16.8	0.15	K149K	327.873	222.290	171.074	2.055	0.06604	2.85270	52	X
K14S23F	16.6	0.15	K149K	287.117	262.461	172.941	4.470	0.04801	2.80077	58	X
K14S24B	18.8	0.15	K149K	1.136	350.847	5.301	10.099	0.21529	2.58452	31	S
K14S24C	18.4	0.15	K149K	327.130	282.744	122.408	1.908	0.18506	2.41717	51	S
K14S24J	17.7	0.15	K149K	352.914	201.066	165.424	4.890	0.13194	2.70974	51	S
K14S24Q	16.4	0.15	K149K	69.567	275.079	2.722	12.436	0.09085	2.85066	65	X
K14S25J	16.5	0.15	K149K	353.117	354.231	11.288	9.411	0.06810	3.24467	37	X
K14S27Q	18.9	0.15	K149K	358.453	330.545	29.100	2.762	0.20782	2.40261	58	X
K14S33Y	16.4	0.15	K149K	327.511	43.695	3.319	13.819	0.26726	3.20941	63	S
K14S36T	17.9	0.15	K149K	313.384	66.732	3.185	15.080	0.27781	2.74356	56	S
K14S37T	17.5	0.15	K149K	358.293	348.922	11.418	1.827	0.10101	2.84639	37	X
K14S48N	18.2	0.15	K148V	48.970	243.544	40.223	6.074	0.09540	2.35013	22	S
K14S81W	17.0	0.15	K149K	296.013	66.529	3.198	4.408	0.06511	2.79534	52	S
K14S82C	16.1	0.15	K149K	349.561	186.764	185.028	9.482	0.07540	3.16857	58	X
K14S82J	17.5	0.15	K149K	8.055	134.957	215.261	1.259	0.07573	2.85545	51	S
K14S83T	18.2	0.15	K149K	30.271	124.289	189.971	12.709	0.20593	2.63252	36	X
K14S86O	16.7	0.15	K149K	317.204	236.376	192.533	13.652	0.26360	3.18870	36	X
K14S89R	18.3	0.15	K149K	344.188	203.899	183.882	17.575	0.25758	2.75810	58	X
K14S98H	17.2	0.15	K149K	174.326	1.336	186.698	14.615	0.03642	2.59407	58	X
K14SA3Q	17.2	0.15	K149K	4.270	211.100	144.130	1.342	0.16946	3.06924	36	X
K14SA3S	18.1	0.15	K149K	6.629	204.247	148.178	3.017	0.11185	2.65831	36	X
K14SA4B	16.8	0.15	K149K	341.033	206.960	177.403	9.966	0.08033	3.16743	36	X
K14SB1O	16.6	0.15	K148V	316.890	8.418	50.920	0.682	0.16049	3.14095	86D	S
K14SB7J	15.6	0.15	K149K	43.905	309.223	8.144	9.803	0.09791	3.12557	54	S
K14SD3T	17.4	0.15	K148B	352.547	201.058	170.418	10.611	0.28822	2.72219	118	S
K14SD4U	18.0	0.15	K149K	328.451	314.283	105.244	4.021	0.18465	2.41699	57	S
K14SD4W	16.2	0.15	K149K	49.499	146.159	171.839	11.332	0.12117	3.00917	29	S
K14SE0Z	17.5	0.15	K149K	13.289	142.228	199.583	17.335	0.22640	2.62038	28	S
K14SE1F	16.0	0.15	K149K	0.281	93.032	274.227	5.548	0.32801	3.97002	46	S
K14SE1P	17.1	0.15	K149K	24.623	208.519	107.792	4.510	0.34521	3.00930	54	S
K14SE2S	20.0	0.15	K149K	273.497	98.292	9.471	2.895	0.20761	1.77939	56	S
K14SE2Z	17.0	0.15	K149K	24.947	122.762	207.087	33.897	0.28007	2.63606	30	S
K14SE3B	20.2	0.15	K149K	351.148	239.511	142.363	3.482	0.36817	2.30152	51	S
K14SE6D	17.3	0.15	K149K	0.245	353.564	5.488	2.890	0.21160	3.19716	36	X
K14SE7X	17.3	0.15	K149K	5.517	337.498	36.733	19.109	0.19821	3.07125	53	S
K14SF2Y	18.0	0.15	K149K	10.222	156.990	191.763	11.161	0.28377	2.40492	57	X
K14SF3B	18.7	0.15	K149K	348.829	69.030	318.630	1.362	0.24042	2.40070	29	S
K14SF3G	16.9	0.15	K149K	330.362	211.895	201.261	13.001	0.18822	2.67903	35	X
K14SF3R	18.5	0.15	K149K	0.107	151.706	216.720	4.461	0.24251	2.37990	57	X
K14SF3Z	16.9	0.15	K149K	348.510	30.603	357.797	11.671	0.17257	2.59711	35	X
K14SF4A	16.6	0.15	K149K	352.736	177.916	206.563	17.364	0.20201	3.17341	36	S
K14SF4F	17.1	0.15	K149K	339.720	161.066	240.841	3.959	0.16999	2.79770	31	S
K14SF4J	18.7	0.15	K149K	352.373	59.653	324.315	3.463	0.27755	2.42054	57	X
K14SF4W	18.1	0.15	K149K	27.085	117.018	213.379	6.091	0.20013	2.39590	40	X
K14SF4Y	17.4	0.15	K149K	35.172	336.402	350.742	7.667	0.14872	2.77769	31	S
K14SF4Z	18.4	0.15	K149K	350.426	41.269	342.795	4.006	0.19570	2.24346	36	S
K14SF5A	16.5	0.15	K149K	25.165	139.856	200.563	16.242	0.14930	3.17608	35	X
K14SF5B	17.4	0.15	K149K	15.117	137.309	215.881	3.899	0.11897	2.57636	35	X
K14SF5F	16.9	0.15	K149K	57.066	104.630	200.171	14.023	0.11167	2.61369	35	X
K14SF5K	18.9	0.15	K149K	354.905	149.907	228.401	1.568	0.23312	2.42421	40	X
K14SF5N	19.1	0.15	K149K	7.489	145.031	211.659	3.342	0.25797	2.44437	35	X
K14SF5Q	17.9	0.15	K149K	348.096	193.065	195.955	8.061	0.24785	2.25837	57	X
K14SF5U	18.5	0.15	K149K	356.310	21.027	354.993	6.443	0.13430	2.22908	31	S
K14SF5Z	18.5	0.15	K149K	18.839	132.874	209.702	1.182	0.19056	2.39327	35	X
K14SF6C	19.0	0.15	K149K	33.302	10.730	310.461	1.144	0.20610	2.31278	35	X
K14SF6F	16.6	0.15	K149K	42.314	302.232	14.888	0.831	0.17445	3.14516	35	X
K14SF6H	18.3	0.15	K149K	16.858	331.917	13.633	2.792	0.19808	2.34996	35	X
K14SF6Q	18.1	0.15	K149K	58.954	316.308	338.031	0.958	0.18531	2.33412	35	X
K14SF6S	17.9	0.15	K149K	349.781	1.493	25.595	1.614	0.18738	2.41078	35	X
K14SF6W	18.3	0.15	K149K	51.018	24.639	267.827	1.875	0.26702	2.31354	31	S
K14SF6Y	17.8	0.15	K149K	10.855	132.732	224.697	2.872	0.13506	2.28068	36	S

K14SF6Z	17.9	0.15	K149K	351.505	69.514	315.027	1.214	0.21391	2.42197	40	X
K14SF70	18.1	0.15	K149K	350.849	189.527	196.783	4.919	0.19516	2.43831	35	X
K14SF8B	17.9	0.15	K149K	333.399	43.376	12.884	5.785	0.22379	2.61063	33	S
K14SF8E	16.8	0.15	K149K	332.689	46.455	8.619	15.457	0.17349	2.68641	34	S
K14SF8W	16.7	0.15	K149K	350.268	194.408	198.070	12.479	0.10844	3.11221	39	X
K14SF8Z	16.4	0.15	K149K	8.978	288.639	78.877	3.018	0.09523	3.12675	35	X
K14SF9D	17.4	0.15	K149K	76.687	122.175	163.400	2.819	0.13771	2.59515	35	X
K14SF9J	16.8	0.15	K149K	27.459	296.028	47.147	3.670	0.12129	2.80677	35	X
K14SF9Q	17.5	0.15	K149K	321.653	264.935	157.742	2.950	0.07823	2.69458	35	X
K14SF9T	17.3	0.15	K149K	294.793	48.816	48.287	5.306	0.12287	2.72005	35	X
K14SF9V	19.1	0.15	K149K	19.606	314.632	29.297	4.624	0.19637	2.22636	26	S
K14SF9X	16.8	0.15	K149K	27.365	271.144	65.432	2.827	0.21350	3.08693	40	X
K14SG0G	17.7	0.15	K149K	336.057	25.203	19.467	8.031	0.12280	2.38055	60	X
K14SG1A	17.1	0.15	K149K	4.420	13.874	352.381	7.039	0.19552	2.99403	31	S
K14SG1E	16.3	0.15	K149K	29.737	141.283	199.976	5.136	0.09421	3.16875	35	X
K14SG1H	17.7	0.15	K149K	353.531	33.354	350.534	1.816	0.09953	2.69542	31	S
K14SG1J	18.9	0.15	K149K	341.672	33.510	7.193	4.027	0.21996	2.30541	31	S
K14SG3G	16.3	0.15	K149K	329.068	352.204	52.975	6.640	0.07262	2.86736	35	X
K14SG3T	16.7	0.15	K149K	324.436	36.421	26.725	11.267	0.18900	3.07992	29	S
K14SG3V	19.4	0.15	K149K	358.233	350.957	19.890	1.302	0.23880	2.26705	60	X
K14SG3W	17.2	0.15	K149K	334.649	23.158	17.943	6.906	0.10169	2.28074	60	X
K14SG4J	17.4	0.15	K149K	6.023	300.302	60.797	4.640	0.22950	2.62235	35	X
K14SG5F	19.1	0.15	K149K	0.343	211.445	159.960	3.792	0.26184	2.38193	53	S
K14SG6C	15.7	0.15	K149K	359.490	25.321	347.058	23.479	0.16256	3.10529	52	S
K14SH4A	17.0	0.15	K149K	312.935	32.867	18.941	10.841	0.06879	3.17649	34	W
K14SH6L	17.0	0.15	K149K	357.587	325.928	37.174	5.506	0.26100	3.15136	65	X
K14SH7P	18.1	0.15	K149K	22.154	244.370	81.425	2.897	0.20468	2.87241	57	X
K14SH9J	17.4	0.15	K149K	45.213	245.178	66.497	2.942	0.04904	2.26957	34	X
K14SH9L	17.2	0.15	K149K	290.031	64.609	10.156	14.473	0.03494	2.63562	65	X
K14SJ20	18.1	0.15	K148V	327.877	280.520	125.269	3.162	0.22881	2.41005	83	S
K14SK4G	18.5	0.15	K149K	343.828	222.009	163.929	2.654	0.23783	2.80465	58	X
K14SK5D	17.9	0.15	K149K	26.401	122.494	191.258	12.466	0.27389	2.67495	55	X
K14SK6D	18.0	0.15	K149K	37.100	318.876	355.384	6.095	0.18187	2.20194	28	S
K14SK6M	17.9	0.15	K149K	352.595	341.618	63.041	5.272	0.14030	2.45051	52	S
K14SK6N	17.8	0.15	K149K	335.550	308.671	118.799	3.373	0.15958	2.38339	34	X
K14SK6T	16.2	0.15	K149K	6.421	202.513	191.077	7.454	0.11108	3.08879	51	S
K14SK6W	18.1	0.15	K149K	10.950	297.309	76.565	4.777	0.25453	2.57541	54	X
K14SK7D	17.2	0.15	K149K	19.458	286.623	83.649	6.012	0.17571	2.78922	33	S
K14SK7E	16.9	0.15	K149K	336.312	232.627	196.593	8.367	0.12438	2.61995	34	X
K14SK7G	16.2	0.15	K149K	137.969	59.957	198.518	8.829	0.08929	2.57226	54	X
K14SK7H	17.3	0.15	K149K	37.496	240.525	97.500	4.198	0.24120	2.58843	34	X
K14SK7P	17.6	0.15	K149K	2.687	299.312	90.622	6.142	0.22894	2.60070	52	S
K14SK7S	16.7	0.15	K149K	355.245	255.515	152.269	4.993	0.16772	3.02402	54	X
K14SK7Y	18.2	0.15	K149K	11.758	289.499	83.411	6.236	0.21455	2.24803	54	X
K14SK8B	16.6	0.15	K148V	344.348	258.570	161.392	5.495	0.26107	3.00838	80	S
K14SLOH	16.3	0.15	K149K	27.921	297.360	64.370	14.997	0.15358	2.60555	50	X
K14SLOV	18.2	0.15	K149K	334.987	2.151	69.385	9.398	0.19205	2.26437	48	S
K14SL1G	16.0	0.15	K149K	294.497	57.756	64.005	19.659	0.09136	3.04552	34	X
K14SL1H	17.6	0.15	K149K	41.268	276.030	64.420	14.064	0.20114	2.55574	34	X
K14SL1M	16.2	0.15	K149K	25.884	306.819	59.255	28.116	0.18827	3.19800	34	X
K14SL1V	17.0	0.15	K149K	342.248	2.259	71.053	16.663	0.24149	3.17834	48	S
K14SL4H	15.9	0.15	K149K	332.680	5.938	72.543	12.730	0.06731	3.09267	48	S
K14SL4U	16.9	0.15	K149K	68.530	238.003	91.138	6.891	0.08283	2.70325	48	S
K14SL5Q	17.0	0.15	K149K	93.613	197.045	103.594	7.599	0.12066	2.38008	48	S
K14SL8B	17.3	0.15	K149K	29.511	169.653	180.852	5.495	0.19868	2.32006	54	X
K14SL8D	17.9	0.15	K149K	14.209	304.463	68.865	8.389	0.19394	2.46189	54	X
K14SL8X	16.1	0.15	K149K	336.282	3.294	73.917	12.073	0.11233	2.89645	49	S
K14SM0W	17.7	0.15	K149K	4.379	304.140	51.504	5.978	0.18568	2.26574	52	S
K14SM1F	18.5	0.15	K148V	349.902	300.117	74.276	3.901	0.31552	2.47597	85	X
K14SM2L	18.4	0.15	K149K	354.578	181.217	199.716	11.970	0.27273	2.54345	32	X
K14SM2M	17.0	0.15	K149K	43.787	344.403	332.193	3.047	0.16102	2.61451	34	S
K14SM2N	18.5	0.15	K149K	20.516	136.438	202.735	6.838	0.18813	2.26074	32	X
K14SM2R	17.0	0.15	K149K	250.269	291.884	198.505	6.259	0.05354	2.37032	40	X
K14SM2X	17.8	0.15	K149K	11.111	328.566	27.229	5.479	0.25007	2.59307	37	S
K14SM2Z	17.7	0.15	K149K	15.020	170.764	183.063	5.688	0.17083	2.39179	52	X
K14SM4Y	17.4	0.15	K149K	295.127	256.875	182.806	3.249	0.13482	2.71960	58	X
K14SM6O	18.0	0.15	K149K	272.298	284.474	170.196	6.272	0.05098	2.26149	36	X
K14SM6Y	18.3	0.15	K149K	13.794	190.217	163.473	5.600	0.18327	2.33925	49	S
K14SM7J	16.8	0.15	K149K	8.414	265.885	98.357	6.787	0.13191	2.25600	60	S
K14SM7X	18.5	0.15	K149K	16.357	52.618	288.972	1.541	0.21566	2.21532	29	S
K14SM8O	17.3	0.15	K149K	82.278	36.766	244.067	1.738	0.07284	2.65786	31	S
K14SM9B	18.9	0.15	K149K	340.118	197.479	201.946	1.899	0.20245	2.34316	40	X
K14SM9P	18.8	0.15	K149K	2.875	164.212	202.242	3.238	0.15302	2.29239	35	X
K14SM9Q	16.1	0.15	K149K	271.313	267.988	200.675	7.556	0.03504	3.13495	35	X
K14SM9W	15.8	0.15	K149K	21.776	335.658	16.184	10.279	0.05028	3.09768	31	S
K14SNOO	18.7	0.15	K149K	5.263	343.048	18.242	1.538	0.18796	2.22919	40	X
K14SNOV	17.8	0.15	K149K	352.100	358.822	24.392	3.928	0.16830	2.58801	35	X
K14SN1L	18.5	0.15	K149K	314.059	94.725	16.713	26.736	0.46579	2.57906	32	S
K14SN1O	17.0	0.15	K149K	7.266	337.618	23.781	11.044	0.22868	3.01740	35	X
K14SN2L	17.8	0.15	K149K	343.712	220.857	181.845	7.256	0.30589	2.67075	35	X
K14SN2S	18.6	0.15	K149K	14.408	319.963	28.196	5.474	0.20878	2.25359	58	X
K14SN3C	16.8	0.15	K149K	338.727	22.647	26.061	14.974	0.21890	3.03190	67	X
K14SN3H	18.0	0.15	K149K	350.008	345.235	45.122	5.116	0.20957	2.76892	60	X
K14SN4A	16.8	0.15	K149K	10.027	324.720	32.688	8.572	0.17709	2.64657	35	X
K14SN5P	17.3	0.15	K149K	284.575	280.660	192.246	4.508	0.32884	2.63346	28	S
K14SP4L	18.8	0.15	K149K	348.399	95.947	288.663	3.319	0.26036	2.22941	46	S
K14SP4N	17.5	0.15	K149K	332.061	217.155	193.796	32.646	0.24642	2.60536	35	S
K14SP4P	17.6	0.15	K149K	328.065	157.876	257.797	3.862	0.21840	2.76672	28	S
K14SP5C	18.2	0.15	K149K	19.417	107.423	229.697	4.726	0.17724	2.27740	49	S
K14SP5R	19.0	0.15	K149K	333.744	84.193	317.412	3.744	0.15561	2.18446	24	S
K14SP7E	18.1	0.15	K149K	341.840	206.670	191.558	5.025	0.23560	2.37725	40	X
K14SP7V	18.4	0.15	K149K	7.539	319.722	37.454	6.493	0.27314	2.58745	35	S
K14SP8D	16.5	0.15	K149K	23.993	308.281	27.169	17.612	0.24913	3.07308	55	X
K14SQ1G	17.5	0.15	K149K	357.884	307.285	64.512	3.495	0.25410	2.41760	60	X
K14SQ1O	18.6	0.15	K149K	351.817	40.714	354.698	5.728	0.37008	2.58251	27	S
K14SQ2E	18.8	0.15	K149K	353.325	203.621	175.106	21.695	0.08444	1.72718	56	S
K14SQ3O	16.2	0.15	K149K	17.809	301.238	46.783	15.416	0.14173	2.60838	31	X

K14SQ3P	18.0	0.15	K149K	18.287	136.793	197.018	8.509	0.24920	2.34235	33	S
K14SQ3Q	16.8	0.15	K149K	332.298	25.438	22.264	33.934	0.24285	2.61863	27	S
K14SQ4G	18.2	0.15	K149K	2.780	347.334	18.266	1.350	0.24237	2.34528	57DX	
K14SQ4K	16.7	0.15	K148B	9.295	341.183	6.386	17.314	0.21424	2.79380	113	S
K14SQ4L	17.2	0.15	K149K	5.718	147.602	222.109	5.743	0.01181	2.26347	35	X
K14SQ4M	17.0	0.15	K149K	18.926	202.799	148.283	1.428	0.18094	3.11376	35	X
K14SQ4N	17.4	0.15	K149K	20.035	162.469	192.245	11.043	0.10385	3.01892	35	X
K14SQ4O	17.7	0.15	K149K	308.053	28.461	49.789	4.552	0.09120	2.62950	35	X
K14SQ4Q	16.0	0.15	K149K	118.191	219.730	35.212	9.734	0.08067	3.21236	35	X
K14SQ4S	19.0	0.15	K149K	13.185	238.774	115.045	2.099	0.19952	2.37549	35	X
K14SQ5Q	16.2	0.15	K149K	30.139	147.529	188.759	10.677	0.14217	3.09500	29	S
K14SQ7C	16.0	0.15	K149K	20.213	120.743	215.746	14.814	0.26294	3.16768	55	X
K14SR1A	18.9	0.15	K149K	59.660	101.781	182.883	0.575	0.15530	2.15597	34	X
K14SR8Q	16.2	0.15	K149K	354.519	28.601	349.190	15.068	0.16132	3.05089	26	S
K14SR9G	16.6	0.15	K149K	62.676	247.207	63.029	2.964	0.07989	2.83772	32	X
K14SR9H	17.8	0.15	K149K	26.520	214.190	124.462	2.255	0.18209	2.41665	32	X
K14SR9M	18.5	0.15	K149K	3.379	196.840	171.389	4.640	0.30842	2.63435	52	X
K14SR9O	16.9	0.15	K149K	28.117	304.783	44.440	6.981	0.07245	2.81438	32	X
K14SR9P	16.0	0.15	K149K	29.398	304.450	39.064	11.033	0.13700	3.10524	40	X
K14SR9Q	17.9	0.15	K149K	37.556	174.610	149.645	2.756	0.20983	2.64298	32	X
K14SR9S	18.3	0.15	K149K	0.418	203.966	173.325	5.454	0.19914	2.53429	46	S
K14SR9W	16.1	0.15	K149K	320.261	347.976	84.483	2.535	0.15727	3.16572	32	X
K14SS0A	17.4	0.15	K149K	341.821	338.587	60.969	4.164	0.12501	2.41702	32	X
K14SS0E	17.9	0.15	K149K	28.165	235.934	98.140	2.475	0.20209	2.41588	32	X
K14SS0H	16.2	0.15	K149K	14.615	314.971	49.150	6.430	0.06312	2.85363	40	X
K14SS0J	16.6	0.15	K149K	57.367	267.031	40.488	11.694	0.14804	2.90440	32	X
K14SS0M	16.7	0.15	K149K	42.955	215.509	117.986	3.863	0.06078	2.86548	32	X
K14SS0N	18.1	0.15	K149K	8.833	277.245	83.775	3.118	0.21807	2.37025	52	X
K14SS0O	18.5	0.15	K149K	353.019	334.789	50.774	5.229	0.16198	2.28527	32	X
K14SS1B	18.1	0.15	K149K	42.090	270.592	44.787	6.278	0.21675	2.34176	40	X
K14SS1P	16.9	0.15	K149K	334.887	20.392	36.521	13.907	0.16704	2.61884	53	S
K14SS1T	18.0	0.15	K149K	30.331	179.226	161.076	4.168	0.15015	2.26078	49	S
K14SS2C	18.3	0.15	K149K	344.046	352.698	51.983	7.502	0.17526	2.32205	53	S
K14SS2K	17.0	0.15	K149K	27.406	205.626	130.453	4.268	0.23623	2.59481	49	S
K14SS2T	17.7	0.15	K149K	4.529	229.483	144.050	5.008	0.20814	2.56764	49	S
K14SS3P	16.5	0.15	K149K	359.007	170.149	204.261	17.512	0.21397	3.14575	57	X
K14SS3S	17.0	0.15	K149K	4.288	2.839	3.235	10.061	0.16965	2.61936	31	X
K14SS4H	18.7	0.15	K149K	2.530	107.262	248.227	4.568	0.28790	2.22329	40	S
K14SS5B	17.6	0.15	K149K	24.745	61.796	270.063	4.689	0.13610	2.26916	49	S
K14SS5Z	16.5	0.15	K149K	9.041	350.614	17.300	7.604	0.15259	2.79275	50	S
K14SS6P	17.1	0.15	K149K	356.814	173.185	199.241	9.134	0.24428	2.77171	40	X
K14SS6T	16.2	0.15	K149K	356.476	12.423	1.729	17.151	0.08812	3.08109	24	S
K14SS6U	16.8	0.15	K149K	84.968	286.121	345.492	8.039	0.10029	2.34044	50	S
K14SS6W	17.7	0.15	K149K	14.288	81.462	264.215	1.848	0.22942	2.58779	29	S
K14SS7D	16.5	0.15	K149K	12.440	319.433	42.891	5.702	0.13377	3.10320	40	X
K14SS7J	17.3	0.15	K148B	22.865	301.869	18.418	4.838	0.30524	2.59835	117	S
K14SS7M	16.8	0.15	K149K	330.549	227.490	199.241	11.474	0.24228	2.80192	52	X
K14SS8C	16.7	0.15	K149K	32.392	161.667	170.519	6.785	0.11076	2.56051	29	S
K14SS8H	17.8	0.15	K149K	30.719	283.999	39.166	5.720	0.20610	2.25074	47	X
K14SS8Z	17.8	0.15	K149K	47.377	234.303	66.511	5.655	0.20435	2.22471	30	X
K14SS9E	18.5	0.15	K149K	3.226	145.019	217.537	2.341	0.20357	2.39775	31	S
K14SS9J	15.7	0.15	K149K	327.932	41.252	11.621	16.947	0.10937	3.15779	60	X
K14SS9K	17.8	0.15	K149K	12.727	341.564	8.932	2.652	0.20470	2.44306	66	X
K14ST2B	18.0	0.15	K149K	30.749	323.289	12.160	12.036	0.20077	2.53795	23	S
K14ST2W	18.5	0.15	K149K	14.135	330.110	30.670	9.262	0.25245	2.24203	54	X
K14ST6P	16.1	0.15	K149K	267.747	127.991	358.745	13.936	0.13720	2.60940	23	S
K14ST7H	16.5	0.15	K149K	225.192	301.786	195.423	14.150	0.06848	2.81215	47	S
K14ST7O	18.4	0.15	K149K	294.330	254.040	192.989	3.523	0.18399	2.26017	58	X
K14ST7V	16.1	0.15	K149K	105.807	42.138	232.302	10.861	0.03834	2.70124	22	S
K14ST7Y	17.9	0.15	K149K	330.687	90.320	338.688	5.090	0.25852	2.61919	44	S
K14ST9E	16.9	0.15	K149K	8.350	356.457	16.286	17.294	0.21596	3.16422	27	S
K14ST9Q	17.8	0.15	K149K	347.827	41.506	2.821	6.837	0.27665	2.64021	27	S
K14SU0P	18.8	0.15	K149K	356.766	22.616	1.123	5.007	0.26044	2.38570	22	S
K14SU0S	17.8	0.15	K149K	315.506	74.284	3.655	6.067	0.10324	2.42921	28	S
K14SU0X	18.3	0.15	K149K	9.050	1.142	2.637	5.187	0.25322	2.39646	26	S
K14SU4N	17.1	0.15	K149K	342.471	122.021	273.696	3.796	0.16703	2.74334	32	X
K14SU4P	18.3	0.15	K149K	358.619	0.839	12.626	13.467	0.29342	2.64387	58	X
K14SU4Q	16.4	0.15	K149K	51.017	283.235	19.635	4.780	0.26016	3.12499	35	S
K14SU5G	18.6	0.15	K149K	351.367	177.157	204.741	6.957	0.18577	2.16840	57	X
K14SU5S	17.3	0.15	K149K	52.729	93.839	220.495	5.239	0.07815	2.43166	35	X
K14SU5W	16.1	0.15	K149K	12.543	358.597	356.232	12.427	0.15489	3.21392	29	S
K14SU6Z	16.3	0.15	K149K	64.961	101.728	219.883	8.177	0.08669	3.10853	28	S
K14SU7D	15.9	0.15	K149K	285.295	75.382	38.558	11.911	0.03518	3.06650	48	S
K14SU7X	17.8	0.15	K148B	341.982	8.208	23.601	5.136	0.24054	2.24910	119	X
K14SU9D	17.5	0.15	K149K	353.767	192.379	206.852	6.114	0.22094	2.55730	54	S
K14SU9G	16.4	0.15	K149K	25.722	328.458	28.448	5.393	0.17428	2.73650	56	X
K14SU9O	17.5	0.15	K149K	46.494	297.722	30.327	5.419	0.17185	2.44549	50	S
K14SV0H	16.5	0.15	K149K	7.922	139.653	239.793	1.442	0.29112	3.00019	50	S
K14SV0Z	15.8	0.15	K149K	34.727	335.381	339.660	17.172	0.22388	3.01913	55	X
K14SV1D	16.6	0.15	K149K	19.749	131.810	209.621	12.950	0.25819	2.58376	30	S
K14SV1L	16.9	0.15	K149K	21.161	341.661	7.014	14.622	0.17796	2.67601	54	X
K14SV1M	15.5	0.15	K149K	78.643	285.763	9.812	17.990	0.08597	3.12453	25	S
K14SV1Q	17.0	0.15	K149K	48.126	255.766	45.729	2.785	0.17146	2.40392	22	S
K14SV1W	16.3	0.15	K149K	22.796	145.801	186.026	10.217	0.22885	3.14960	23	S
K14SV1X	15.8	0.15	K149K	0.832	353.951	14.550	2.760	0.25061	3.93499	29	S
K14SV1Y	17.3	0.15	K149K	341.140	201.143	191.440	13.363	0.16389	2.57214	22	S
K14SV2G	16.6	0.15	K149K	344.431	44.159	2.388	13.690	0.31439	3.14793	23	S
K14SV2R	16.9	0.15	K14AA	10.462	311.674	56.488	1.871	0.17243	3.09105	28	X
K14SV2W	16.5	0.15	K14AA	12.285	334.914	35.432	9.814	0.08089	3.17767	28	X
K14SV2Z	18.1	0.15	K14AA	341.649	9.613	36.446	6.698	0.10677	2.39704	28	X
K14SV3B	16.7	0.15	K149K	22.304	280.552	64.900	3.014	0.20456	3.05750	40	X
K14SV3L	17.7	0.15	K149K	356.908	310.515	71.018	2.934	0.12988	2.39761	52	X
K14SV3O	16.5	0.15	K149K	73.722	211.163	78.440	2.990	0.14561	3.07712	35	X
K14SV3Q	18.0	0.15	K14AA	328.661	4.669	62.551	3.525	0.18171	2.41828	28	X
K14SV3R	16.3	0.15	K14AA	56.645	257.243	55.705	4.791	0.14362	3.17862	28	X
K14SV3S	16.2	0.15	K14AA	30.170	284.436	59.084	5.304	0.15375	3.22284	28	X
K14SV3U	19.6	0.15	K14AA	1.840	329.178	49.053	3.922	0.27962	2.32944	28	X

K14SV4H	18.5	0.15	K14AA	355.674	328.371	61.855	4.829	0.11865	2.33256	28	X
K14SV4M	17.9	0.15	K149K	69.793	84.203	203.441	7.926	0.13706	2.37314	35	X
K14SV4Q	17.1	0.15	K149K	13.865	192.405	168.325	4.664	0.17655	2.60450	37	S
K14SV5K	17.7	0.15	K149K	316.128	343.211	100.183	3.554	0.16759	2.43584	49	S
K14SV7F	17.6	0.15	K148V	11.366	269.273	74.454	6.465	0.21947	2.60827	59	S
K14SV7J	16.4	0.15	K149K	331.484	33.903	11.306	4.380	0.06894	2.78625	40	X
K14SV7M	18.2	0.15	K149K	26.965	321.184	19.369	6.865	0.11238	2.24744	31	S
K14SV7P	15.9	0.15	K149K	296.773	74.139	19.951	26.972	0.13325	3.15497	32	S
K14SV7W	16.3	0.15	K149K	0.980	349.585	23.721	11.074	0.21488	3.17450	31	X
K14SV7Z	17.7	0.15	K149K	337.745	37.686	16.534	33.807	0.31070	2.58719	29	S
K14SV8B	16.2	0.15	K149K	332.269	222.404	192.353	4.674	0.14550	3.18274	31	X
K14SV8Z	17.7	0.15	K14AA	318.494	285.978	157.179	2.851	0.19609	2.57344	25	X
K14SV9Z	17.7	0.15	K149K	355.231	27.206	356.137	2.146	0.16361	2.42673	44	S
K14SW0H	17.8	0.15	K149K	16.494	145.390	200.917	13.560	0.28271	2.68698	51	X
K14SW0L	17.2	0.15	K149K	31.761	323.969	16.865	4.123	0.11069	2.64811	27	S
K14SW0W	17.5	0.15	K149K	359.705	1.443	16.318	14.454	0.15930	2.60189	44	S
K14SW3Y	17.7	0.15	K149K	9.271	278.768	74.720	5.734	0.26262	2.41993	58	X
K14SW4T	17.3	0.15	K149K	52.112	113.414	189.082	5.345	0.05799	2.76814	47	S
K14SW5R	15.5	0.15	K149K	258.253	296.058	200.306	26.249	0.20301	3.15631	31	S
K14SW6A	16.3	0.15	K149K	5.637	343.854	27.559	23.015	0.19311	3.19972	37	S
K14SW6B	17.0	0.15	K14AA	21.141	172.893	184.926	7.753	0.13880	3.02723	28	X
K14SW7U	17.5	0.15	K149K	359.870	309.358	74.109	5.056	0.21429	2.68259	50	S
K14SW9C	15.6	0.15	K149K	316.450	72.103	8.404	11.223	0.08799	3.10300	22	S
K14SW9D	16.2	0.15	K14AA	42.050	306.521	41.560	13.730	0.17426	2.57885	25	S
K14SW9R	17.1	0.15	K149K	19.885	79.956	264.226	5.257	0.12320	2.41406	34	S
K14SW9V	18.5	0.15	K149K	321.639	161.343	264.104	3.996	0.22448	2.30278	34	S
K14SX0G	18.0	0.15	K149K	345.402	45.544	355.142	5.537	0.10302	2.34720	27	S
K14SX0U	16.4	0.15	K14AA	0.673	174.707	215.565	21.484	0.03432	2.60384	29	X
K14SX1S	16.2	0.15	K149K	9.319	143.282	218.803	13.415	0.05835	3.07123	32	S
K14SX1U	17.1	0.15	K149K	68.715	6.494	273.011	4.852	0.20698	2.57308	32	S
K14SX2H	17.7	0.15	K14AA	26.947	76.232	256.782	4.199	0.26449	2.60812	21	S
K14SX3A	18.3	0.15	K149K	44.163	74.600	234.892	1.544	0.18869	2.33694	35	X
K14SX3B	18.4	0.15	K149K	4.258	148.757	213.477	1.724	0.22799	2.34105	31	X
K14SX3C	16.2	0.15	K149K	278.218	91.317	16.983	14.550	0.10646	2.76973	58	X
K14SX3J	18.9	0.15	K149K	359.731	19.792	350.957	1.353	0.21426	2.41347	35	X
K14SX3L	18.2	0.15	K149K	2.612	350.274	16.146	5.176	0.14383	2.16974	66	X
K14SX4A	16.1	0.15	K14AA	34.930	122.111	215.928	5.719	0.16899	3.12739	21	S
K14SX4Q	17.4	0.15	K149K	69.753	46.547	236.375	5.611	0.16729	2.27825	23	S
K14SX5M	18.5	0.15	K149K	1.101	165.087	192.028	8.718	0.22199	2.51822	58	X
K14SX5Y	17.2	0.15	K14AA	319.916	249.927	181.611	4.818	0.07507	2.61031	24	X
K14SX6B	17.0	0.15	K149K	90.666	103.060	176.820	4.884	0.10294	2.61134	40	X
K14SX6E	17.9	0.15	K14AA	36.466	149.370	185.882	8.242	0.17740	2.56509	24	X
K14SX6F	16.7	0.15	K14AA	277.801	88.341	38.129	14.638	0.15145	2.70990	24	X
K14SX7B	16.7	0.15	K149K	7.043	336.236	15.993	10.884	0.21977	3.18847	52	S
K14SX7D	18.8	0.15	K149K	344.159	353.858	49.442	4.414	0.25519	2.35512	38	S
K14SX8L	17.4	0.15	K149K	67.047	128.056	163.137	5.841	0.21984	2.64787	18	S
K14SX8M	17.5	0.15	K149K	32.776	248.635	82.553	3.663	0.19998	2.42891	29	S
K14SX8W	16.3	0.15	K149K	27.414	150.957	192.397	17.205	0.21130	3.11241	29	S
K14SY0G	17.0	0.15	K149K	22.646	332.743	4.739	17.377	0.21025	3.12348	49	S
K14SY0T	18.6	0.15	K14AA	0.077	153.916	223.329	3.567	0.12856	2.28951	21	S
K14SY1A	15.8	0.15	K149K	230.223	156.310	353.411	11.504	0.07147	2.90867	27	S
K14SY1D	17.9	0.15	K149K	12.484	151.815	200.102	22.275	0.12789	1.97551	45	S
K14SY1E	17.6	0.15	K149K	356.776	153.153	223.406	6.848	0.13503	2.69987	31	S
K14SY1F	17.1	0.15	K149K	351.894	38.428	344.813	6.086	0.04818	2.73069	31	S
K14SY1L	18.5	0.15	K149K	12.235	72.773	278.322	2.021	0.20902	2.43003	31	S
K14SY1O	16.7	0.15	K149K	74.725	73.483	213.822	10.424	0.11496	3.11022	31	S
K14SY1R	15.5	0.15	K149K	184.424	341.278	210.238	10.309	0.02485	3.13675	36	S
K14SY1S	17.7	0.15	K149K	310.691	91.513	5.548	9.251	0.31437	2.78857	31	S
K14SY2Q	17.2	0.15	K149K	284.308	80.959	15.645	22.260	0.04819	2.63500	31	S
K14SY3D	18.9	0.15	K149K	12.711	66.031	281.592	0.572	0.24686	2.14065	40	X
K14SY3G	17.5	0.15	K149K	306.806	201.081	233.163	4.257	0.07684	2.40413	23	S
K14SY3L	18.0	0.15	K149K	13.204	348.091	5.686	4.781	0.16814	2.29187	36	S
K14SY3M	17.5	0.15	K149K	328.944	42.197	13.122	6.882	0.12008	2.76325	28	S
K14SY5G	19.1	0.15	K149K	0.070	168.552	204.137	6.712	0.20678	2.23093	29	S
K14SY5S	17.0	0.15	K149K	85.384	270.272	13.509	4.457	0.09619	2.58243	29	S
K14SY5Y	15.9	0.15	K149K	57.223	92.413	219.304	9.483	0.05130	3.19428	31	S
K14SY6M	17.2	0.15	K149K	2.804	8.417	2.777	9.650	0.08154	2.99416	31	S
K14SY6N	17.3	0.15	K149K	86.339	268.367	7.368	13.163	0.10350	2.42289	31	S
K14T01R	18.5	0.15	K149K	2.573	354.999	17.280	2.337	0.19276	2.41094	48	S
K14T01V	17.7	0.15	K149K	359.669	175.577	200.959	11.690	0.21468	2.41371	31	X
K14T01X	17.5	0.15	K149K	2.522	174.373	201.647	8.639	0.25018	3.14375	50	S
K14T02C	17.3	0.15	K149K	56.576	289.943	30.568	6.574	0.05331	2.66748	29	S
K14T02D	17.9	0.15	K149K	350.042	13.808	21.086	14.495	0.25340	2.63948	24	S
K14T03D	17.0	0.15	K149K	331.912	244.992	175.327	1.145	0.16895	3.10243	29	S
K14T03G	19.0	0.15	K149K	17.141	321.622	25.449	5.777	0.21380	2.18277	48	S
K14T03L	17.1	0.15	K14AA	21.639	308.352	47.242	1.406	0.17324	3.17277	19ES	
K14T03M	17.8	0.15	K149K	326.751	224.972	192.350	5.901	0.08821	2.29160	31	X
K14T03N	17.6	0.15	K149K	334.511	30.436	27.376	11.375	0.19074	2.99433	27	S
K14T03O	18.9	0.15	K149K	333.550	23.498	27.646	5.579	0.14268	2.19841	29	S
K14T03Q	16.7	0.15	K149K	50.692	114.189	201.503	12.846	0.14751	2.64588	52	S
K14T04M	18.1	0.15	K149K	17.344	166.482	176.446	5.346	0.20733	2.23480	51	S
K14T04O	16.5	0.15	K149K	337.352	225.104	191.477	16.516	0.33449	3.08637	23	S
K14T04W	17.8	0.15	K149K	26.683	314.846	30.084	7.422	0.14225	2.43478	28	S
K14T05K	18.3	0.15	K14AA	323.544	264.319	173.627	1.189	0.16744	2.35318	21	S
K14T05S	18.1	0.15	K149K	33.861	145.080	187.684	2.209	0.19323	2.41578	28	S
K14T05W	18.4	0.15	K14AA	11.136	323.638	49.292	2.987	0.16328	2.39850	23	X
K14T06G	17.5	0.15	K14AA	29.160	310.158	37.300	13.644	0.20147	2.77016	23	X
K14T06M	17.2	0.15	K149K	344.666	210.299	193.492	8.590	0.21179	2.73968	50	S
K14T06P	17.9	0.15	K14AA	328.850	27.090	36.839	6.290	0.10148	2.26824	22	S
K14T06S	17.0	0.15	K14AA	356.668	215.835	176.226	3.794	0.10024	2.77225	21	S
K14T06U	18.5	0.15	K149K	336.008	22.739	32.380	7.955	0.23806	2.27180	49	S
K14T06X	18.5	0.15	K149K	19.144	305.565	42.473	4.114	0.20259	2.21461	50	S
K14T06Y	16.4	0.15	K149K	7.178	340.358	36.665	10.492	0.08656	3.07102	29	S
K14T07H	18.1	0.15	K149K	344.317	220.614	194.826	10.660	0.37704	2.96748	28	S
K14T08E	18.0	0.15	K149K	340.546	249.812	162.667	3.428	0.20354	2.56697	50	S
K14T08G	17.4	0.15	K149K	356.163	290.269	100.500	2.608	0.09739	2.64818	44	S
K14T08M	15.7	0.15	K14AA	54.149	74.124	249.020	3.994	0.07091	2.99528	29	X

K14T09F	18.6	0.15	K149K	51.251	267.917	33.642	2.625	0.23931	2.29854	29 S
K14T09H	17.8	0.15	K149K	40.299	121.048	201.219	11.876	0.19355	2.58073	31 X
K14T09O	18.0	0.15	K14AA	22.083	149.235	206.259	5.958	0.14222	2.36441	21 S
K14T09Q	17.9	0.15	K149K	46.473	286.247	28.117	7.254	0.17122	2.31552	39 S
K14T12D	17.3	0.15	K149K	0.982	10.512	6.840	10.352	0.21283	3.19475	26 S
K14T12E	15.9	0.15	K14AA	17.400	357.396	3.768	10.205	0.14713	3.00959	19 S
K14T12H	17.9	0.15	K14AA	35.211	51.316	276.518	2.811	0.23227	2.34063	17 S
K14T13B	16.6	0.15	K14AA	348.176	90.643	312.450	5.521	0.22169	3.02401	19 S
K14T13F	17.5	0.15	K14AA	347.860	143.602	254.358	5.436	0.07136	2.71547	19 S
K14T13K	17.3	0.15	K14AA	290.481	210.452	248.347	5.505	0.05037	2.24258	19 S
K14T13U	16.8	0.15	K14AA	334.423	73.197	347.591	6.810	0.15578	3.11367	19 S
K14T14Q	16.7	0.15	K149K	46.279	22.647	304.966	5.456	0.09744	2.87162	23 S
K14T15O	17.8	0.15	K149K	37.854	352.724	326.435	5.156	0.21263	2.19831	25 S
K14T18J	17.4	0.15	K14AA	343.492	31.143	13.161	12.437	0.28912	2.63821	17 S
K14T19O	15.4	0.15	K149K	67.813	284.595	22.560	11.758	0.06078	3.09690	37 S
K14T19S	16.3	0.15	K149K	325.294	232.173	193.116	4.273	0.13250	3.09982	36 S
K14T20E	17.4	0.15	K14AA	67.790	274.464	27.248	13.098	0.14838	2.65219	21 S
K14T20T	17.6	0.15	K149K	11.160	234.529	116.927	2.274	0.19926	2.40304	24 S
K14T22O	17.2	0.15	K149K	25.115	196.914	148.291	2.122	0.21013	3.05704	29 S
K14T23J	17.6	0.15	K149K	322.064	38.543	26.751	4.537	0.09798	2.44374	29 S
K14T23Q	17.8	0.15	K149K	11.121	336.723	21.682	9.018	0.23016	2.58542	27 S
K14T23S	17.4	0.15	K149K	340.367	102.815	291.790	2.414	0.17512	2.38395	34 S
K14T23U	18.4	0.15	K14AA	1.032	175.400	214.255	2.719	0.18847	2.35812	22 X
K14T26O	17.0	0.15	K149K	316.017	240.124	205.300	25.211	0.22272	2.75230	30 X
K14T26T	17.5	0.15	K14AA	6.719	203.723	173.639	3.698	0.10626	2.76619	22 X
K14T28N	16.9	0.15	K149K	27.466	304.398	40.143	5.354	0.20629	3.06762	52 X
K14T29S	17.6	0.15	K149K	315.164	28.621	53.413	2.271	0.14856	2.39426	31 X
K14T30A	16.4	0.15	K14AA	343.414	11.678	47.347	10.153	0.14970	2.79750	21 S
K14T31O	17.4	0.15	K149K	347.982	250.447	141.050	8.170	0.23184	2.63888	55 S
K14T32H	16.9	0.15	K149K	16.948	354.528	4.740	6.086	0.18093	2.60674	26 S
K14T34J	17.4	0.15	K14AA	339.468	186.413	270.219	23.041	0.28725	2.12482	18 S
K14T34T	18.0	0.15	K14AA	7.703	305.134	59.621	17.366	0.33505	2.68052	5 S
K14T34X	18.4	0.15	K14AA	353.941	116.654	275.749	4.791	0.34498	2.60827	17 S
K14T35Z	18.9	0.15	K149K	198.693	170.437	7.283	19.181	0.06942	1.89158	27 S
K14T36J	17.6	0.15	K149K	34.413	287.062	30.810	14.639	0.30397	2.74250	50 S
K14T36N	16.6	0.15	K149K	18.672	331.110	31.166	6.730	0.06643	2.76406	28 S
K14T36V	16.9	0.15	K14AA	14.591	209.105	160.657	4.593	0.25936	2.58642	16 S
K14T36W	16.4	0.15	K149K	7.667	178.155	202.262	9.986	0.15794	2.58527	30 S
K14T36X	17.8	0.15	K149K	303.943	52.494	39.742	21.344	0.10119	1.94719	52 S
K14T37A	17.0	0.15	K149K	12.627	314.975	47.819	16.505	0.29404	2.61132	54 S
K14T37C	17.3	0.15	K149K	351.425	352.209	52.720	14.913	0.25197	2.61637	29 S
K14T37Q	18.7	0.15	K14AA	5.541	167.288	193.601	20.863	0.10639	1.87136	24 X
K14T37R	15.9	0.15	K14AA	8.202	164.355	188.820	15.328	0.08912	3.17154	6 S
K14T37X	16.1	0.15	K14AA	99.682	264.856	358.499	6.162	0.13321	3.20656	8 S
K14T37Y	17.3	0.15	K14AA	24.314	345.881	354.792	3.498	0.20169	3.12771	8 S
K14T37Z	16.6	0.15	K14AA	35.667	314.998	20.619	8.097	0.10698	2.67134	12 X
K14T38D	16.8	0.15	K14AA	12.919	49.124	316.636	3.550	0.12527	2.75321	6 S
K14T38J	18.5	0.15	K14AA	10.294	337.994	23.950	1.692	0.19481	2.45537	12 X
K14T38O	17.9	0.15	K14AA	0.013	154.282	226.406	4.714	0.12919	2.21851	24 S
K14T38W	17.2	0.15	K14AA	27.970	118.010	222.897	4.300	0.19648	2.50173	8 S
K14T38Y	17.6	0.15	K149K	20.971	294.536	45.099	5.872	0.20195	2.47020	35 X
K14T39H	16.1	0.15	K14AA	344.729	16.665	33.358	10.997	0.20142	3.15745	21 S
K14T39O	18.3	0.15	K14AA	10.275	237.413	133.066	1.908	0.18609	2.36805	20 S
K14T40H	17.5	0.15	K14AA	9.397	331.653	44.081	8.902	0.22513	2.77911	12 X
K14T40O	17.6	0.15	K14AA	3.119	290.578	94.970	3.004	0.22083	2.68923	20 S
K14T40R	16.8	0.15	K14AA	37.506	220.757	112.685	3.182	0.22325	2.42586	20 S
K14T40X	16.0	0.15	K14AA	12.306	266.053	107.073	16.561	0.12388	2.72698	18 S
K14T41A	14.9	0.15	K14AA	131.206	216.374	11.998	20.658	0.24882	3.18881	7ES
K14T41C	15.7	0.15	K14AA	59.194	298.658	18.323	20.617	0.06232	3.18704	7 S
K14T41D	17.7	0.15	K14AA	344.286	30.382	18.059	14.017	0.24486	2.60732	6 S
K14T42K	16.5	0.15	K14AA	23.653	171.142	189.941	3.843	0.15978	3.06047	11 X
K14T42N	16.6	0.15	K14AA	41.152	304.777	44.402	10.779	0.05027	2.89735	11 X
K14T42X	18.7	0.15	K14AA	26.829	298.369	50.534	2.560	0.20227	2.21825	11 X
K14T43B	16.8	0.15	K14AA	350.887	328.215	76.853	1.982	0.15856	3.16408	11 X
K14T43H	17.3	0.15	K14AA	51.492	270.156	39.380	8.930	0.27766	2.76909	11 X
K14T43N	18.5	0.15	K14AA	18.756	315.825	44.610	2.193	0.19446	2.44148	11 X
K14T43R	18.3	0.15	K14AA	21.037	314.188	38.304	2.815	0.24883	2.39801	11 X
K14T44F	15.8	0.15	K14AA	243.883	315.970	213.980	12.390	0.18660	3.09475	11 X
K14T44H	16.4	0.15	K14AA	23.304	327.737	41.821	11.361	0.05144	3.10243	11 X
K14T44P	17.4	0.15	K14AA	29.742	315.737	39.266	4.894	0.12745	2.81026	11 X
K14T44R	17.8	0.15	K14AA	32.481	302.717	38.566	5.169	0.21400	2.38743	11 X
K14T44U	16.7	0.15	K14AA	348.755	255.685	151.400	0.862	0.09798	3.09543	11 X
K14T45E	16.1	0.15	K14AA	43.930	306.410	33.036	9.634	0.10399	3.06874	11 X
K14T45M	15.8	0.15	K14AA	315.508	233.748	214.394	10.102	0.08909	3.12491	11 X
K14T45N	18.0	0.15	K14AA	38.667	88.183	250.473	0.208	0.16398	2.35888	11 X
K14T45O	17.3	0.15	K14AA	325.387	218.615	215.774	4.341	0.08999	2.71748	11 X
K14T45V	17.6	0.15	K14AA	351.570	19.760	23.394	3.443	0.19449	2.41805	10 S
K14T46M	17.9	0.15	K14AA	332.672	40.298	30.829	2.612	0.20863	2.43951	11 X
K14T46O	16.6	0.15	K14AA	45.464	323.429	16.765	1.937	0.07355	2.85892	22 X
K14T46Q	18.0	0.15	K14AA	349.713	173.531	231.276	1.209	0.24452	2.35057	11 X
K14T46R	17.7	0.15	K14AA	288.146	195.677	284.879	0.531	0.15828	2.39303	11 X
K14T46U	17.4	0.15	K14AA	335.208	30.759	30.298	15.507	0.10162	2.55123	21 S
K14T46W	18.1	0.15	K14AA	36.092	331.382	7.446	1.556	0.18100	2.39835	11 X
K14T46X	16.3	0.15	K14AA	17.310	340.873	29.060	10.560	0.13354	3.14704	21 S
K14T47M	16.3	0.15	K14AA	64.572	92.228	220.696	8.497	0.14096	3.03623	11 X
K14T47S	16.1	0.15	K14AA	338.502	60.066	358.712	3.031	0.10867	3.06190	10 S
K14T47V	16.4	0.15	K14AA	24.323	338.876	26.927	16.654	0.02900	2.55078	21 S
K14T48Y	15.9	0.15	K14AA	4.979	329.832	74.063	9.122	0.05780	3.22858	11 X
K14T49C	17.5	0.15	K14AA	4.399	318.732	79.966	7.289	0.09719	2.46187	11 X
K14T49D	16.9	0.15	K14AA	305.231	323.331	155.648	5.274	0.17816	2.42846	5 S
K14T49J	16.7	0.15	K14AA	351.871	10.297	6.483	17.253	0.18853	3.15306	3 S
K14T51Q	16.5	0.15	K14AA	356.054	141.898	242.489	9.513	0.07480	3.01265	4 S
K14T51U	16.0	0.15	K14AA	24.421	105.187	243.388	9.233	0.12520	3.08480	6 S
K14T52D	19.3	0.15	K14AA	345.537	131.650	271.460	4.657	0.23358	2.34727	4 S
K14T53R	17.8	0.15	K14AA	29.707	138.831	209.391	12.559	0.29215	2.62232	9 S
K14T53S	18.5	0.15	K14AA	12.835	308.124	70.978	5.312	0.23109	2.47901	10 X
K14T53U	17.5	0.15	K14AA	5.179	333.733	63.836	12.435	0.19622	3.14920	10 X

K14T53V	17.7	0.15	K14AA	16.313	273.860	106.367	3.755	0.18182	2.74136	10	X
K14T53X	16.1	0.15	K14AA	90.477	212.963	92.761	4.941	0.11326	2.94766	10	X
K14T53Z	17.0	0.15	K14AA	5.609	335.966	61.628	11.320	0.11059	2.56000	5	S
K14T54A	17.1	0.15	K14AA	211.870	343.905	213.500	14.009	0.03100	2.45353	10	X
K14T54E	16.6	0.15	K14AA	296.444	5.026	126.872	4.416	0.17154	2.95301	4	S
K14T54H	16.5	0.15	K14AA	201.106	132.205	77.890	8.796	0.07785	2.43765	10	X
K14T54J	18.6	0.15	K14AA	24.611	297.477	69.994	8.142	0.14715	2.25360	10	X
K14T54K	18.2	0.15	K149K	336.549	247.792	184.702	5.725	0.29999	2.41603	30	S
K14T54N	15.6	0.15	K14AA	267.738	87.924	60.698	27.161	0.06881	3.14371	8	S
K14T54P	17.1	0.15	K14AA	46.885	221.126	127.129	5.114	0.11887	2.58084	9	S
K14T54Q	17.4	0.15	K14AA	15.657	305.735	73.365	10.356	0.22775	2.81275	10	X
K14T54T	16.4	0.15	K14AA	300.318	36.389	78.791	11.766	0.05336	3.02101	9ES	
K14T54V	17.8	0.15	K14AA	16.367	226.456	155.430	4.765	0.13266	2.27893	15	S
K14T54W	16.8	0.15	K14AA	334.309	249.908	206.858	13.408	0.31797	3.16256	5	S
K14T55C	17.7	0.15	K14AA	15.173	270.345	85.167	6.671	0.20452	2.56204	11	X
K14T55D	17.5	0.15	K14AA	328.808	273.873	143.366	7.704	0.09850	2.52891	12	X
K14T55E	18.7	0.15	K14AA	353.233	292.405	97.057	5.927	0.21089	2.52517	10	X
K14T55G	18.8	0.15	K14AA	19.464	178.819	166.718	10.743	0.26572	2.73278	10	X
K14T55U	17.0	0.15	K14AA	347.825	4.781	47.554	11.811	0.14848	3.12773	8	S
K14T55V	16.7	0.15	K14AA	27.973	232.149	121.567	2.114	0.20392	3.06591	8	S
K14T55Z	17.8	0.15	K14AA	40.791	13.447	312.526	5.588	0.16928	2.22222	3	S
K14T56C	17.3	0.15	K14AA	349.107	208.358	213.832	14.194	0.19191	3.03605	9	X
K14T56D	16.1	0.15	K14AA	52.768	270.477	69.720	12.041	0.15399	3.20461	9	X
K14T56E	16.2	0.15	K14AA	3.023	240.474	166.231	4.002	0.04030	3.19561	9	X
K14T57B	16.8	0.15	K14AA	56.612	209.536	126.656	4.171	0.12941	2.82308	9	X
K14T57C	17.5	0.15	K14AA	205.055	114.490	87.298	6.327	0.05530	2.27992	9	X
K14T57F	18.6	0.15	K14AA	17.535	255.465	112.151	4.290	0.27984	2.47100	5	S
K14T57N	16.7	0.15	K14AA	262.894	322.179	209.786	12.978	0.22529	2.57564	19	X
K14T57Z	19.9	0.15	K14AA	11.472	119.248	236.018	19.982	0.09393	1.80928	6	S
K14T58J	17.5	0.15	K14AA	356.942	162.609	229.747	11.556	0.17619	2.34780	9	S
K14T58K	16.5	0.15	K14AA	111.660	255.809	9.992	12.989	0.15571	2.59794	19	S
K14T58M	17.6	0.15	K14AA	28.857	133.291	220.913	20.217	0.07795	2.02347	20	S
K14T58Y	16.8	0.15	K14AA	348.650	152.337	261.421	4.657	0.25627	3.04263	8	S
K14T59H	17.4	0.15	K14AA	314.370	228.551	230.980	12.527	0.17365	2.78388	12	X
K14T59X	16.1	0.15	K14AA	356.989	147.911	253.715	3.931	0.09621	3.00946	8ES	
K14T60E	18.4	0.15	K149K	31.530	111.122	217.957	5.686	0.21488	2.26477	28	S
K14T60X	17.4	0.15	K149K	57.632	300.124	1.324	3.667	0.20009	2.36107	28	S
K14T61H	18.0	0.15	K14AA	4.020	54.738	325.071	2.075	0.16680	2.28744	20	S
K14T62D	16.8	0.15	K14AA	297.454	264.050	189.070	12.481	0.23965	2.67961	10	X
K14T62K	17.1	0.15	K149K	278.760	116.507	5.087	6.564	0.10864	2.66072	26	S
K14T62X	17.5	0.15	K14AA	19.626	297.244	52.949	12.826	0.18306	2.70247	12	X
K14T62Z	18.2	0.15	K149K	52.269	138.916	159.405	8.312	0.21411	2.21022	36	X
K14T63G	16.9	0.15	K14AA	30.490	309.204	11.847	5.275	0.16864	2.67227	9	X
K14T64T	17.3	0.15	K14AA	356.221	158.166	226.187	11.683	0.17112	2.65735	8	S
K14T65A	17.9	0.15	K14AA	6.144	322.616	45.719	6.892	0.16420	2.26266	11	X
K14T65D	16.7	0.15	K14AA	357.962	182.723	213.621	9.785	0.12095	2.99353	11	X
K14T66B	17.2	0.15	K14AA	353.470	177.618	225.426	7.613	0.21698	2.77094	23	S
K14T66Z	18.1	0.15	K14AA	43.417	346.941	347.154	1.159	0.19797	2.38887	8	S
K14T67F	17.4	0.15	K14AA	10.906	153.098	223.439	5.124	0.26193	2.62885	7	S
K14T67H	15.8	0.15	K14AA	2.216	112.292	265.380	5.826	0.13286	3.19152	12	X
K14T67L	15.8	0.15	K14AA	258.182	281.301	216.095	21.428	0.15442	3.08347	19	S
K14T67W	17.2	0.15	K14AA	298.869	73.694	36.857	15.368	0.12559	2.59331	22	S
K14T68G	17.3	0.15	K14AA	2.578	355.256	37.403	4.844	0.12265	2.59304	22	S
K14T68J	16.1	0.15	K14AA	122.288	225.454	41.839	11.982	0.11973	2.78413	22	S
K14T68L	16.3	0.15	K14AA	339.126	238.119	214.475	24.982	0.46888	3.14938	22	S
K14T68T	16.0	0.15	K14AA	302.562	223.877	229.451	10.533	0.11850	2.75989	8	S
K14T71C	18.2	0.15	K149K	18.809	301.875	56.448	10.323	0.23176	2.39185	29	S
K14T71P	17.1	0.15	K14AA	336.408	241.117	198.282	6.529	0.16815	3.04321	10	X
K14T71Q	17.6	0.15	K14AA	96.424	129.332	166.695	4.351	0.12788	2.31553	10	X
K14T71S	17.8	0.15	K14AA	23.158	299.947	69.922	10.264	0.18257	2.68946	10	X
K14T71U	17.5	0.15	K14AA	46.307	231.507	108.148	5.286	0.20388	2.73114	9	S
K14T71V	19.0	0.15	K14AA	15.444	292.992	75.200	7.250	0.33798	2.69892	10	X
K14T71X	16.2	0.15	K14AA	273.878	6.548	144.340	5.710	0.10940	3.11260	18	S
K14T71Y	16.2	0.15	K149K	22.517	256.398	125.701	6.115	0.05097	2.99233	32	X
K14T72K	17.4	0.15	K14AA	328.573	230.463	205.022	4.111	0.13658	2.56717	8	S
K14T72W	17.9	0.15	K14AA	341.483	21.305	41.364	13.857	0.22633	2.57739	8	S
K14T78M	18.1	0.15	K14AA	354.553	73.741	313.971	3.493	0.21896	2.58311	10	X
K14T78Q	17.5	0.15	K14AA	20.784	334.548	9.939	15.176	0.26170	2.55999	7	S
K14T79F	16.9	0.15	K14AA	21.499	357.392	349.604	7.551	0.21669	2.75577	7	S
K14T79G	17.7	0.15	K14AA	357.200	45.433	338.625	5.812	0.12999	2.41305	7	S
K14T79K	17.9	0.15	K14AA	70.013	344.750	309.352	4.151	0.14420	2.15513	7	S
K14T80B	15.8	0.15	K14AA	287.572	247.719	235.155	9.594	0.25706	2.71188	9	S
K14T81P	16.2	0.15	K14AA	346.304	41.701	26.217	14.666	0.21994	2.71231	9	X
K14T81S	19.4	0.15	K14AA	351.286	5.382	28.510	0.671	0.20124	2.29013	9	X
K14T82Z	16.8	0.15	K14AA	45.556	122.986	217.943	13.085	0.06809	3.13607	9	X
K14T83C	18.8	0.15	K14AA	333.071	44.530	29.681	6.373	0.25199	2.68021	9	X
K14T83H	17.6	0.15	K14AA	68.267	97.863	217.576	8.820	0.07650	2.65435	9	X
K14T83N	16.4	0.15	K14AA	196.083	164.999	35.516	13.463	0.11772	3.01861	9	X
K14T84F	17.3	0.15	K14AA	20.469	159.180	207.429	14.145	0.15669	2.55125	9	X
K14U00U	17.4	0.15	K149K	354.076	290.089	86.691	13.788	0.27900	2.67600	29	S
K14U00Z	16.9	0.15	K14AA	340.385	21.608	34.481	12.330	0.18369	2.68832	10	S
K14U01J	17.3	0.15	K14AA	53.031	243.426	81.720	7.023	0.25964	2.69315	5ES	
K14U01K	16.6	0.15	K14AA	303.739	50.780	68.443	13.760	0.13905	2.98133	8	X
K14U01M	16.8	0.15	K14AA	11.564	187.083	208.732	9.522	0.09165	3.06973	8	X
K14U01N	16.8	0.15	K14AA	316.350	250.587	212.716	14.450	0.12526	2.81985	8	X
K14U01O	16.9	0.15	K14AA	333.249	240.008	207.913	9.126	0.18958	3.13862	8	X
K14U01P	17.1	0.15	K14AA	337.596	354.610	79.739	7.404	0.08498	2.71940	8	X
K14U01S	16.6	0.15	K14AA	355.120	216.278	196.379	8.823	0.09087	3.10445	6	S
K14U01U	16.7	0.15	K14AA	74.339	122.748	203.047	9.727	0.08888	2.97215	8	X
K14U01Y	17.7	0.15	K14AA	29.016	150.484	209.988	13.930	0.22404	2.64028	7	S
K14U02A	15.6	0.15	K14AA	300.181	57.711	61.880	9.407	0.06041	2.81217	8	X
K14U03S	17.0	0.15	K14AA	39.077	120.550	204.631	9.072	0.20603	2.60354	6	S
K14U03U	16.8	0.15	K14AA	6.814	171.518	218.397	22.703	0.29305	3.06723	6	X
K14U03W	19.2	0.15	K14AA	16.640	287.112	87.275	4.285	0.19914	2.19888	6	X
K14U03X	17.8	0.15	K14AA	68.947	227.188	96.269	5.628	0.09047	2.24696	5	S
K14U03Y	18.1	0.15	K14AA	331.241	346.321	94.400	4.224	0.14416	2.53002	6	X
K14U03Z	16.4	0.15	K14AA	283.866	83.415	70.368	11.941	0.25846	3.06327	6ES	

K14U04A	19.3	0.15	K14AA	13.076	267.789	106.690	3.797	0.26823	2.35430	6	X
K14U04B	18.2	0.15	K14AA	12.396	213.465	169.186	4.449	0.16066	2.20954	8	X
K14U04C	17.2	0.15	K14AA	93.459	188.786	99.121	6.447	0.24265	2.50755	6	X
K14U04D	17.2	0.15	K14AA	1.281	295.612	109.439	4.654	0.04342	2.61408	6	X
K14U04E	16.4	0.15	K14AA	44.586	282.229	74.501	12.189	0.08547	3.07720	6	X
K14U05Q	17.2	0.15	K14AA	27.164	301.163	73.182	12.115	0.10795	2.75960	8	X
K14U05R	17.1	0.15	K14AA	67.405	224.667	108.337	5.849	0.09131	2.80978	8	X
K14U05S	17.4	0.15	K14AA	34.591	299.469	56.912	7.543	0.20390	2.35985	8	X
K14U05W	16.6	0.15	K14AA	51.144	101.226	246.195	2.309	0.15060	2.89033	8	X
K14U06L	17.6	0.15	K14AA	8.698	6.536	4.644	3.698	0.13334	2.58903	6	X
K14U06M	17.0	0.15	K14AA	27.194	166.677	207.425	8.774	0.11780	3.07605	6	X
K14U06N	16.7	0.15	K14AA	68.078	248.756	85.283	7.133	0.03712	2.74447	6	X
K14U06O	17.3	0.15	K14AA	33.595	234.271	134.058	4.435	0.06394	2.68245	6	X
K14U06Q	18.6	0.15	K14AA	6.144	302.229	91.227	5.245	0.15364	2.20574	18	S
K14U06R	17.3	0.15	K14AA	2.448	195.016	207.619	11.733	0.17410	2.58510	6	X
K14U06Y	17.9	0.15	K14AA	359.319	293.520	108.726	4.510	0.26620	2.59480	5	X
K14U07M	16.3	0.15	K14AA	324.770	60.009	2.175	9.426	0.12944	3.10185	2	S
K14U08E	18.2	0.15	K14AA	351.586	7.379	82.749	18.273	0.37348	2.67735	6	X
K14U09L	16.6	0.15	K14AA	52.509	107.736	230.876	13.472	0.12322	2.61158	8	X
K14U09M	16.0	0.15	K14AA	247.407	308.626	231.395	24.846	0.22470	2.61638	8	X
K14U09Q	17.6	0.15	K14AA	341.793	204.218	225.429	13.219	0.22364	2.70976	8	X
K14U09Z	18.7	0.15	K14AA	6.405	275.421	115.075	3.214	0.20642	2.45703	8	X
K14U10L	18.4	0.15	K14AA	16.181	269.659	108.647	4.615	0.17021	2.18211	8	X
K14U10W	15.9	0.15	K14AA	295.742	313.164	142.490	9.580	0.10304	3.22537	12	X
K14U15F	17.0	0.15	K14AA	4.252	89.424	303.282	1.877	0.10202	2.66252	8	X
K14U17F	18.1	0.15	K14AA	5.831	81.378	294.946	9.813	0.26957	2.76598	4	S
K14U17H	16.6	0.15	K14AA	279.740	144.974	335.072	14.278	0.08281	2.64968	7	S
K14U20O	18.7	0.15	K14AA	29.881	229.922	123.821	2.920	0.23145	2.33432	6	X
K14U20W	17.9	0.15	K14AA	329.196	18.341	76.372	8.932	0.25688	2.87920	8	S
K14U21B	17.3	0.15	K14AA	313.403	309.649	154.532	5.337	0.09059	2.74377	6	X
K14U21G	18.1	0.15	K14AA	322.338	246.533	217.625	15.476	0.25859	2.56288	6	X
K14U21M	15.8	0.15	K14AA	29.657	114.631	249.085	10.315	0.28290	2.54284	6	X
K14U22E	18.0	0.15	K14AA	35.015	214.946	119.472	5.222	0.38251	2.92229	6	X
K14U22F	15.8	0.15	K14AA	247.304	102.609	81.920	12.072	0.19276	2.98616	6	X
K14U22G	17.4	0.15	K14AA	15.921	249.035	124.312	4.531	0.28215	2.52324	6	X
K14U24R	18.2	0.15	K14AA	138.712	41.374	217.610	21.412	0.04773	1.85678	5	X
K14U24S	17.5	0.15	K14AA	10.810	320.897	72.926	9.436	0.09189	2.72392	5	X
K14U27L	18.4	0.15	K14AA	342.284	304.156	121.469	2.653	0.14827	2.35779	4	X
K14U27N	19.4	0.15	K14AA	353.497	323.903	84.340	4.890	0.24509	2.29376	4	X
K14U27O	17.1	0.15	K14AA	162.963	71.934	172.210	5.765	0.03659	2.54940	4	X
K14U27P	17.9	0.15	K14AA	330.877	312.256	126.901	4.230	0.08836	2.27099	4	X
K14U27R	17.4	0.15	K14AA	251.615	353.374	181.776	5.992	0.16972	2.37130	4	X
K14U28Y	15.5	0.15	K14AA	173.786	11.909	228.135	8.718	0.03526	3.04629	4	X
K14U30Q	19.2	0.15	K14AA	4.329	264.134	128.434	3.212	0.19757	2.29853	3	X
K14U30S	18.4	0.15	K14AA	22.588	183.697	185.335	5.552	0.20465	2.35568	3	X
K14U32L	18.5	0.15	K14AA	52.612	171.028	166.817	3.211	0.12716	2.17847	2	X
K14U33F	17.9	0.15	K14AA	38.804	214.703	102.440	4.219	0.36298	2.40779	2	X
K14U33G	18.4	0.15	K14AA	3.460	152.783	239.207	23.992	0.30066	2.29445	2	X
K14U33M	4.4	0.15	K14AA	359.961	157.710	237.606	16.644	0.03980	45.69731	2	ES
K14U33N	17.7	0.15	K14AA	110.002	314.009	302.387	15.779	0.16258	1.95052	1	EX
K14U33Y	16.5	0.15	K149K	268.315	208.564	264.479	22.109	0.11563	2.35418	34	S
K14U33Z	20.9	0.15	K149K	355.814	352.637	23.411	8.612	0.39533	2.59201	35	S
K14U34A	18.5	0.15	K14AA	357.393	159.803	222.720	20.466	0.05184	1.87313	3	X
K14U34B	17.5	0.15	K14AA	230.699	230.510	278.347	17.854	0.07950	1.95992	2	X
K14U34C	18.3	0.15	K14AA	214.396	255.769	275.391	16.039	0.08011	1.91471	2	X
K14U34D	18.3	0.15	K14AA	285.382	170.608	290.474	16.580	0.11009	1.94444	2	X
K14U34E	18.8	0.15	K14AA	218.561	324.390	204.917	22.335	0.05726	1.80619	13	X
K14U34F	19.6	0.15	K14AA	56.107	277.601	40.224	26.203	0.16092	1.89782	2	X
K14U34G	18.7	0.15	K14AA	286.543	133.018	326.324	19.200	0.08417	1.89507	2	X
K14U34H	17.9	0.15	K14AA	358.534	105.381	269.848	16.628	0.32384	2.72801	2	X
K14U34J	16.6	0.15	K14AA	83.212	352.398	310.452	13.822	0.15034	2.13832	2	X
K14U34K	18.0	0.15	K14AA	307.474	192.568	255.436	19.319	0.07076	1.91492	2	X
K14U34L	19.2	0.15	K14AA	278.765	217.395	259.311	19.070	0.07525	1.89762	2	X
K14U34M	19.5	0.15	K14AA	292.139	209.489	258.407	18.267	0.12344	1.90206	2	X
K14U34N	18.3	0.15	K14AA	245.529	240.487	268.941	17.726	0.06766	2.03576	2	X

New observations:

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J97V04M	C2014	10	14.37482	03	39	38.64	+16	14	45.8	20.6	VoEU054691
J97V04M	C2014	10	14.39519	03	39	37.68	+16	14	48.5	20.7	VoEU054691
J99XE1M	KC2014	10	24.29994	03	22	40.87	-18	52	03.0	20.5	RqEU054448
J99XE1M	KC2014	10	24.33636	03	22	35.78	-18	52	15.1	20.1	RqEU054448
J99XE1M	KC2014	10	24.37477	03	22	30.49	-18	52	27.8	20.2	RqEU054448
K03T04L	C2014	10	24.48621	09	51	23.83	+07	34	29.9	21.4	VqEU054G96
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K03T04L	C2014	10	24.49900	09	51	29.20	+07	33	33.1	21.4	VqEU054G96
K04J01R	C2014	10	25.34246	04	16	07.73	-27	38	34.9	20.6	VuEU054807
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K07T25G	C2014	10	24.22845	01	03	00.94	+03	50	38.1	19.0	VqEU054703
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K09X08G	C2014	10	25.31404	03	30	11.86	-49	49	56.6	21.4	VuEU054807
K09X08G	C2014	10	25.32102	03	30	09.81	-49	49	52.3	21.5	VuEU054807
K09X08G	C2014	10	25.32816	03	30	07.75	-49	49	47.9	21.3	VuEU054807
K10G62X	JC2014	10	25.33122	03	59	07.53	+07	27	07.8	22.4	RoEU054695
K10G62X	JC2014	10	25.34167	03	59	07.12	+07	26	56.8	22.5	RoEU054695
K10G62X	JC2014	10	25.35032	03	59	06.78	+07	26	47.7	22.3	RoEU054695
K10G62X	JC2014	10	25.35839	03	59	06.45	+07	26	39.0	22.5	RoEU054695
K10R82O	C2014	10	24.99945	21	46	17.38	-27	21	25.5	20.0	VuEU054807
K10R82O	C2014	10	25.00317	21	46	17.32	-27	21	21.5	19.4	VuEU054807
K10R82O	C2014	10	25.00650	21	46	17.26	-27	21	18.7	19.8	VuEU054807
K10R82O	C2014	10	25.07130	21	46	15.84	-27	20	10.6	19.9	VuEU054807
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K14SW4C	KC2014	10	24.96489	06	44	53.82	+13	41	28.3	
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K14SW4C	KC2014	10	24.96574	06	45	10.69	+13	40	53.8	
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K14SW4C	KC2014	10	24.98309	06	50	53.57	+13	28	51.7	
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K14SW4C	KC2014	10	24.98396	06	51	10.67	+13	28	15.2	
K14SW4C	KC2014	10	24.98439	06	51	19.16	+13	27	56.9	
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K14SW4C	KC2014	10	24.98612	06	51	53.11	+13	26	43.5	
K14SW4C	C2014	10	25.04840	07	11	27.58	+12	46	30.2	
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K14T32X	C2014	10	22.17306	22	57	06.29	+20	25	47.0	
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K14T36A	JC2014	10	25.16043	00	31	05.99	+10	32	17.8	
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K14T57S	C2014	10	15.38618	01	06	53.29	+17	46	04.5	
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K14T57S	C2014	10	15.40431	01	06	45.88	+17	47	42.9	
K14T57S	C2014	10	15.41771	01	06	40.44	+17	48	55.7	
K14T57S	C2014	10	15.42470	01	06	37.61	+17	49	33.6	
K14T57S	C2014	10	15.43171	01	06	34.77	+17	50	11.4	
K14T57S	C2014	10	15.43871	01	06	31.92	+17	50	49.4	
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K14T57X	KC2014	10	24.88726	01	07	56.03	+39	22	54.4	
K14T57X	KC2014	10	24.90207	01	07	56.88	+39	22	43.0	
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K14U00Y	KC2014	10	25.29629	02	06	50.98	+19	05	42.4	
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K14U33V	C2014	08	06.60369	01	01	40.795	-05	22	09.95	
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K14U33V	KC2014	10	23.93197	00	50	32.12	-21	32	10.7	
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K14U33V	C2014	10	24.07853	00	50	23.77	-21	32	53.1	19.8	VuEU054807
K14U33V	C2014	10	24.08167	00	50	23.56	-21	32	54.6	18.7	VuEU054807
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K14U33V	C2014	10	24.08797	00	50	23.13	-21	32	57.2	19.2	VuEU054807
K14U33V	C2014	10	24.09116	00	50	22.92	-21	32	58.6	19.5	VuEU054807
K14U33V	KC2014	10	24.16347	00	50	18.81	-21	33	43.7	18.3	RqEU054448
K14U33V	KC2014	10	24.17069	00	50	18.30	-21	33	46.8	17.7	RqEU054448
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01943	KC2014	10	22.80934	19	59	55.62	-08	35	58.0	18.0	RqEU054160
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01943	KC2014	10	22.81218	19	59	56.13	-08	35	58.0	18.4	RqEU054160
02201	C2014	10	24.32094	01	42	22.66	+07	23	33.3	18.1	VqEU054G96
02201	C2014	10	24.32760	01	42	22.07	+07	23	30.1	18.2	VqEU054G96
02201	C2014	10	24.33368	01	42	21.51	+07	23	27.2	18.1	VqEU054G96
02201	C2014	10	24.33977	01	42	20.98	+07	23	24.3	18.2	VqEU054G96
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03288	C2014	10	24.10107	20	58	43.10	-10	30	32.9	19.2	VqEU054703
03288	C2014	10	24.11019	20	58	43.64	-10	30	32.1	19.1	VqEU054703
03288	C2014	10	24.11932	20	58	44.08	-10	30	31.9	19.2	VqEU054703
04953	C2014	10	24.49719	10	42	09.97	+08	48	57.0	17.3	VqEU054703
04953	C2014	10	24.50220	10	42	12.38	+08	48	54.9	17.4	VqEU054703
04953	C2014	10	24.50721	10	42	14.80	+08	48	52.7	17.3	VqEU054703
04953	C2014	10	24.51221	10	42	17.24	+08	48	50.5	17.2	VqEU054703
07977	C2014	10	24.49970	10	18	55.54	+08	12	02.7	20.0	VqEU054703
07977	C2014	10	24.50471	10	18	55.97	+08	12	03.0	19.3	VqEU054703
07977	C2014	10	24.50971	10	18	56.40	+08	12	01.2	19.7	VqEU054703
07977	C2014	10	24.51472	10	18	56.85	+08	12	00.3	19.3	VqEU054703
08037	C2014	10	24.13514	23	27	28.90	-06	13	50.3	19.3	VqEU054703
08037	C2014	10	24.14427	23	27	28.50	-06	13	50.8	19.4	VqEU054703
08037	C2014	10	24.15340	23	27	27.96	-06	13	51.4	19.3	VqEU054703
08037	C2014	10	24.16252	23	27	27.45	-06	13	52.6	19.5	VqEU054703
20826	C2014	10	24.17075	23	55	35.90	+22	04	17.1	19.6	VqEU054703
20826	C2014	10	24.18086	23	55	35.31	+22	04	14.0	20.1	VqEU054703
20826	C2014	10	24.19100	23	55	34.77	+22	04	11.2	19.2	VqEU054703
20826	C2014	10	24.20112	23	55	34.21	+22	04	08.2	19.9	VqEU054703
30825	C2014	10	24.37541	04	17	43.81	+15	20	24.7	20.6	VoEU054691
30825	C2014	10	24.39572	04	17	42.94	+15	20	20.5	20.8	VoEU054691
30825	C2014	10	24.41347	04	17	42.23	+15	20	16.9	21.1	VoEU054691
36017	KC2014	10	22.83591	20	39	17.85	+13	01	43.1	17.4	RqEU054160
36017	KC2014	10	22.83784	20	39	18.23	+13	01	48.5	17.1	RqEU054160
36017	KC2014	10	22.83976	20	39	18.57	+13	01	54.9	17.9	RqEU054160
52768	C2014	10	24.24851	01	13	24.37	+07	05	13.2	21.2	VqEU054G96
52768	C2014	10	24.25720	01	13	23.84	+07	05	10.2	20.8	VqEU054G96
52768	C2014	10	24.26468	01	13	23.46	+07	05	08.8	20.9	VqEU054G96
52768	C2014	10	24.27215	01	13	23.08	+07	05	07.2	21.1	VqEU054G96
67367	C2014	10	24.49920	10	24	13.85	+07	21	41.2	19.1	VqEU054703
67367	C2014	10	24.50421	10	24	14.86	+07	21	33.9	19.2	VqEU054703
67367	C2014	10	24.50921	10	24	15.79	+07	21	24.1	18.9	VqEU054703
67367	C2014	10	24.51422	10	24	16.88	+07	21	16.4	19.5	VqEU054703
68267	C2014	10	18.77410418	46	19.79	+39	08	25.2	16.2	qEU054B04	
68267	C2014	10	18.80436018	46	32.77	+39	11	05.4	16.3	qEU054B04	
68267	C2014	10	18.84063918	46	48.39	+39	14	15.9	16.1	qEU054B04	
68267	C2014	10	18.87723618	47	04.21	+39	17	26.3	16.2	qEU054B04	
68267	C2014	10	18.90117118	47	14.62	+39	19	30.3	16.2	qEU054B04	
68267	S2014	10	22.47189	19	10	03.46	+43	27	58.0	17	RLEU054C51
68267	S2014	10	22.47189	1	+	2226.9968	-	4242.7720	+	4927.5374	EU054C51
68267	S2014	10	22.60343	19	10	47.24	+43	35	04.9	LEU054C51	
68267	S2014	10	22.60343	1	+	2226.2955	-	4226.3105	+	4941.9884	EU054C51
68267	S2014	10	22.66913	19	11	08.94	+43	38	35.8	LEU054C51	
68267	S2014	10	22.66913	1	+	2246.0740	-	4239.9816	+	4921.3354	EU054C51
68267	S2014	10	22.73497	19	11	30.60	+43	42	04.8	LEU054C51	
68267	S2014	10	22.73497	1	+	2224.5165	-	4208.7684	+	4957.6416	EU054C51
68267	S2014	10	22.80067	19	11	52.12	+43	45	32.4	LEU054C51	
68267	S2014	10	22.80067	1	+	2244.5022	-	4222.6397	+	4936.8464	EU054C51
68267	S2014	10	22.86638	19	12	13.53	+43	48	58.1	LEU054C51	
68267	S2014	10	22.86638	1	+	2264.4635	-	4236.3712	+	4915.9673	EU054C51
68267	S2014	10	22.86651	19	12	13.59	+43	48	58.0	LEU054C51	
68267	S2014	10	22.86651	1	+	2222.7755	-	4191.3524	+	4973.0614	EU054C51
68267	S2014	10	22.93221	19	12	34.90	+43	52	22.3	LEU054C51	
68267	S2014	10	22.93221	1	+	2242.7835	-	4205.2225	+	4952.3777	EU054C51
68267	S2014	10	22.99792	19	12	56.13	+43	55	45.0	LEU054C51	
68267	S2014	10	22.99792	1	+	2262.7498	-	4218.9339	+	4931.6338	EU054C51
68267	S2014	10	23.19529	19	13	59.33	+44	05	43.1	17	RLEU054C51
68267	S2014	10	23.19529	1	+	2238.8747	-	4170.1335	+	4983.5352	EU054C51
68267	S2014	10	23.26100	19	14	20.17	+44	08	59.3	LEU054C51	
68267	S2014	10	23.26100	1	+	2258.8856	-	4183.8428	+	4963.0158	EU054C51
68267	S2014	10	23.32683	19	14	40.99	+44	12	14.1	LEU054C51	
68267	S2014	10	23.32683	1	+	2236.6825	-	4152.4620	+	4999.1590	EU054C51
68267	S2014	10	23.45825	19	15	22.22	+44	18	39.1	LEU054C51	
68267	S2014	10	23.45825	1	+	2276.7565	-	4179.7785	+	4958.2295	EU054C51
68267	S2014	10	23.45837	19	15	22.27	+44	18	39.1	LEU054C51	
68267	S2014	10	23.45837	1	+	2234.3720	-	4134.7502	+	5014.7570	EU054C51
68267	S2014	10	23.58966	19	16	03.10	+44	24	58.4	LEU054C51	
68267	S2014	10	23.58966	1	+	2316.7301	-	4206.5465	+	4916.9974	EU054C51
68267	C2014	10	24.83884	19	22	13.48	+45	20	21.3	16.4	RaEU054233
68267	C2014	10	24.84227	19	22	14.43	+45	20	29.5	16.3	RaEU054233
68267	C2014	10	24.84505	19	22	15.21	+45	20	36.2	16.3	RaEU054233
68548	KC2014	10	22.78089	18	41	15.11	+16	50	52.2	16.5	RqEU054160
68548	KC2014	10	22.78311	18	41	15.68	+16	50	57.1	16.9	RqEU054160
68548	KC2014	10	22.78532	18	41	16.13	+16	51	02.5	17.8	RqEU054160
85184	C2014	10	24.34760	04	22	08.03	+23	40	23.4	19.2	VqEU054703
85184	C2014	10	24.35575	04	22	07.52	+23	40	04.8	19.1	VqEU054703
85184	C2014	10	24.36389	04	22	07.04	+23	39	44.7	18.9	VqEU054703
85184	C2014	10	24.37203	04	22	06.45	+23	39	26.6	19.0	VqEU054703
85713	C2014	10	24.43089	05	39	33.60	+25	38	57.1	15.4	VqEU054G96

85713	C2014	10	24.43700	05	39	35.28	+25	39	08.1	15.4	VqEU054G96
85713	C2014	10	24.44311	05	39	36.97	+25	39	19.0	15.4	VqEU054G96
85713	C2014	10	24.44922	05	39	38.66	+25	39	30.0	15.4	VqEU054G96
90075	KC2014	10	22.91347	00	41	47.60	+12	19	19.6	17.8	RqEU054160
90075	KC2014	10	22.91538	00	41	47.45	+12	19	17.6	17.4	RqEU054160
90075	KC2014	10	22.91728	00	41	47.30	+12	19	16.0	18.0	RqEU054160
90075	C2014	10	24.25265	00	40	28.72	+12	01	14.7	17.1	VqEU054703
90075	C2014	10	24.25770	00	40	28.51	+12	01	11.7	17.1	VqEU054703
90075	C2014	10	24.26275	00	40	28.26	+12	01	08.7	17.1	VqEU054703
90075	C2014	10	24.26780	00	40	28.03	+12	01	05.7	17.1	VqEU054703
A0756	C2014	10	24.26864	01	21	49.83	-04	06	33.8	18.1	VqEU054703
A0756	C2014	10	24.27618	01	21	49.24	-04	06	41.8	18.3	VqEU054703
A0756	C2014	10	24.28375	01	21	48.62	-04	06	50.2	18.8	VqEU054703
A0756	C2014	10	24.29133	01	21	47.99	-04	06	58.4	18.1	VqEU054703
A5140	KC2014	10	22.79505	19	49	44.09	+24	46	30.2	19.0	RqEU054160
A5140	KC2014	10	22.79729	19	49	44.16	+24	46	26.0	17.7	RqEU054160
A5140	KC2014	10	22.79928	19	49	44.24	+24	46	22.6	18.7	RqEU054160
D6897	KC2014	10	24.89835	22	37	30.18	+23	15	27.5	17.7	RqEU054203
D6897	KC2014	10	24.92732	22	37	35.65	+23	12	05.3	17.7	RqEU054203
D6897	KC2014	10	25.11521922	38	13.12	+22	50	23.8		18.2	VuEU054H21
D6897	KC2014	10	25.11812122	38	13.66	+22	50	03.6		18.1	VuEU054H21
D6897	KC2014	10	25.12148322	38	14.25	+22	49	39.7		18.2	VuEU054H21
D7032	C2014	10	19.76244	20	02	25.35	-01	53	09.3	16.8	VqEU054G34
D7032	C2014	10	19.76538	20	02	27.12	-01	52	57.6	17.1	VqEU054G34
D7032	C2014	10	19.76832	20	02	28.94	-01	52	47.0	17.2	VqEU054G34
D7032	C2014	10	19.77125	20	02	30.70	-01	52	34.7	16.7	VqEU054G34
D7032	KC2014	10	22.83022	20	30	25.89	+01	04	30.3	16.5	RqEU054160
D7032	KC2014	10	22.83169	20	30	26.55	+01	04	34.2	17.0	RqEU054160
D7032	KC2014	10	22.83319	20	30	27.30	+01	04	38.3	16.8	RqEU054160
D7032	KC2014	10	24.79649	20	45	18.12	+02	37	36.9	16.8	RqEU054K14
D7032	KC2014	10	24.82556	20	45	30.19	+02	38	53.3	16.8	RqEU054K14
D8911	C2014	10	24.38055	04	02	58.15	+17	03	22.8	19.4	VqEU054703
D8911	C2014	10	24.39486	04	02	57.24	+17	03	19.0	20.0	VqEU054703
D8911	C2014	10	24.40201	04	02	56.76	+17	03	15.5	19.4	VqEU054703
E1018	C2014	10	24.27265	00	48	22.95	-01	26	00.1	19.7	VqEU054703
E1018	C2014	10	24.29536	00	48	20.83	-01	26	10.1	19.7	VqEU054703
E1354	C2014	10	24.25272	01	01	33.23	+07	18	28.3	21.3	VqEU054G96
E1354	C2014	10	24.26019	01	01	32.75	+07	18	24.4	21.4	VqEU054G96
E1354	C2014	10	24.26767	01	01	32.30	+07	18	20.0	21.6	VqEU054G96
E1354	C2014	10	24.27513	01	01	31.86	+07	18	16.6	21.4	VqEU054G96
E3624	KC2014	10	22.84272	20	51	37.99	+06	44	22.2	18.0	RqEU054160
E3624	KC2014	10	22.84449	20	51	38.29	+06	44	19.3	18.3	RqEU054160
E3624	KC2014	10	22.84669	20	51	38.65	+06	44	17.0	17.5	RqEU054160
F9533	'C2014	10	25.00697	04	06	39.53	-08	50	20.9	17.0	VqEU054I89
F9533	'C2014	10	25.01784	04	06	38.47	-08	50	03.5	17.1	VqEU054I89
F9533	'C2014	10	25.02428	04	06	37.85	-08	49	53.4	16.7	VqEU054I89
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F9560	KC2014	10	24.19144	01	50	45.47	-06	29	35.3	17.8	RqEU054448
F9560	KC2014	10	24.19576	01	50	44.90	-06	29	29.2	18.0	RqEU054448
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F9560	KC2014	10	24.20386	01	50	43.86	-06	29	17.8	18.0	RqEU054448
F9560	KC2014	10	24.20702	01	50	43.43	-06	29	13.3	17.8	RqEU054448
G2181	KC2014	10	22.80241	19	54	20.58	-02	14	19.0	16.1	RqEU054160
G2181	KC2014	10	22.80447	19	54	21.45	-02	14	25.7	17.7	RqEU054160
G2181	KC2014	10	22.80653	19	54	22.28	-02	14	32.8	17.2	RqEU054160
H2034	KC2014	10	22.81831	20	15	21.84	-08	02	57.2	17.5	RqEU054160
H2034	KC2014	10	22.81969	20	15	21.87	-08	02	50.4	17.4	RqEU054160
H2034	KC2014	10	22.82108	20	15	21.88	-08	02	43.7	17.5	RqEU054160
J0166	KC2014	10	22.90651	00	40	45.74	+03	00	45.1	18.8	RqEU054160
J0166	KC2014	10	22.90852	00	40	45.60	+03	00	43.9	18.3	RqEU054160
J0166	KC2014	10	22.91054	00	40	45.50	+03	00	43.3	18.4	RqEU054160
J0166	C2014	10	23.23460	00	40	33.04	+02	58	11.6	18.7	gNEU054I41
J0166	C2014	10	23.26219	00	40	31.87	+02	57	58.9	18.7	gNEU054I41
J0166	C2014	10	24.22945	00	39	55.73	+02	50	36.9	18.0	VqEU054703
J0166	C2014	10	24.23449	00	39	55.50	+02	50	34.2	18.5	VqEU054703
J0166	C2014	10	24.23953	00	39	55.34	+02	50	32.3	18.3	VqEU054703
J0166	C2014	10	24.24458	00	39	55.11	+02	50	30.1	18.5	VqEU054703
J0166	C2014	10	24.25372	00	39	54.81	+02	50	25.5	18.9	gNEU054I41
J0166	C2014	10	24.28123	00	39	53.71	+02	50	13.2	19.0	gNEU054I41
W6388	S2014	10	23.05395	20	09	41.99	-07	46	39.3	19	RLAU054C51
W6388	s2014	10	23.05395	1 + 4104.3967	-	5464.7713	-	823.4699		EU054C51	
W6388	S2014	10	23.18549	20	09	43.51	-07	45	20.4		LEU054C51
W6388	s2014	10	23.18549	1 + 4116.0979	-	5459.2557	-	800.8267		EU054C51	
W6388	S2014	10	23.25120	20	09	44.35	-07	44	40.4		LEU054C51
W6388	s2014	10	23.25120	1 + 4123.3743	-	5449.3363	-	830.6596		EU054C51	
W6388	S2014	10	23.25132	20	09	44.34	-07	44	40.0		LEU054C51
W6388	s2014	10	23.25132	1 + 4120.3331	-	5463.4180	-	748.1991		EU054C51	
W6388	S2014	10	23.31703	20	09	45.13	-07	43	59.8		LEU054C51
W6388	s2014	10	23.31703	1 + 4127.7442	-	5453.6789	-	778.0311		EU054C51	
W6388	S2014	10	23.38274	20	09	45.97	-07	43	19.7		LEU054C51
W6388	s2014	10	23.38274	1 + 4135.0626	-	5443.8285	-	807.8527		EU054C51	
W6388	S2014	10	23.44857	20	09	46.74	-07	42	39.6		LEU054C51
W6388	s2014	10	23.44857	1 + 4139.3361	-	5448.0293	-	755.1441		EU054C51	
W6388	S2014	10	23.77723	20	09	51.04	-07	39	20.1		LEU054C51
W6388	s2014	10	23.77723	1 + 4172.7778	-	5412.8778	-	821.1884		EU054C51	
e8751	C2014	10	24.13564	23	25	07.03	-07	02	52.5	17.9	VqEU054703
e8751	C2014	10	24.14477	23	25	08.97	-07	02	43.5	18.1	VqEU054703
e8751	C2014	10	24.15390	23	25	10.80	-07	02	35.5	18.0	VqEU054703
e8751	C2014	10	24.16302	23	25	12.70	-07	02	27.6	18.3	VqEU054703
e8869	C2014	10	24.32094	01	41	08.67	+06	50	48.7	19.4	VqEU054G96
e8869	C2014	10	24.32760	01	41	08.25	+06	50	40.5	19.6	VqEU054G96
e8869	C2014	10	24.33368	01	41	07.85	+06	50	33.0	19.6	VqEU054G96
e8869	C2014	10	24.37712	01	41	05.07	+06	49	41.0	19.5	VqEU054G96
e8869	C2014	10	24.38073	01	41	04.84	+06	49	36.5	19.6	VqEU054G96
e8869	C2014	10	24.38434	01	41	04.62	+06	49	32.3	19.6	VqEU054G96
e8869	C2014	10	24.38794	01	41	04.40	+06	49	27.9	19.7	VqEU054G96

e9836	C2014 10 24.49970 10 17 47.61 +06 35 32.1	19.5 VqEU054703
e9836	C2014 10 24.50471 10 17 49.03 +06 35 20.4	20.4 VqEU054703
e9836	C2014 10 24.51472 10 17 51.74 +06 34 58.3	19.9 VqEU054703

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