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MPEC 2021-S96 : DAILY ORBIT UPDATE (2021 September 27)

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M.P.E.C. 2021-S96

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DAILY ORBIT UPDATE (2021 September 27)

Update to 2021-S91

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

New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
J95Q17H	17.3	0.15	K20CH	270.985	150.686	248.087	4.363	0.09239	2.63398	12	X
J95S60P	17.3	0.15	K20CH	192.242	97.577	10.390	22.231	0.04303	2.66496	7	X
J95S88M	16.8	0.15	K20CH	307.200	142.024	201.562	10.598	0.08600	3.03269	10	X
J95U28O	18.0	0.15	K20CH	266.539	10.462	26.490	15.630	0.20170	2.66920	4	X
J95U29A	17.4	0.15	K20CH	281.335	188.592	169.496	2.569	0.09586	2.67818	11	X
J95W19G	17.7	0.15	K20CH	313.012	148.322	178.570	4.633	0.12651	2.69697	5	X
J96B19A	16.3	0.15	K20CH	216.514	165.516	299.318	8.013	0.04940	3.11143	10	X
J98HF9H	17.5	0.15	K20CH	341.785	107.733	186.276	13.469	0.11386	2.68470	9	X
J98V41E	17.3	0.15	K20CH	296.796	132.641	208.949	1.622	0.09076	2.48173	15	X
J99F99N	16.6	0.15	K20CH	293.000	151.835	196.398	10.411	0.17706	2.93677	8	X
J99FA0F	17.5	0.15	K20CH	334.352	45.458	244.978	4.256	0.14255	2.58921	8	X
J99O05W	17.3	0.15	K20CH	336.271	182.167	125.253	11.398	0.10880	2.65670	9	X
J99RP1L	16.7	0.15	K20CH	17.381	303.795	345.528	10.637	0.09373	3.09403	9	X
J99RP9Z	16.2	0.15	K20CH	300.665	225.686	140.886	18.106	0.22553	3.12613	10	X
J99T52S	16.4	0.15	K20CH	219.014	257.805	190.572	10.889	0.08219	3.13923	12	X
J99TM7N	18.5	0.15	K20CH	255.261	119.365	291.460	1.718	0.16636	2.38193	6	X
J99TX0G	18.2	0.15	K20CH	93.054	303.552	238.528	8.062	0.06374	2.39816	10	X
J99TX4A	16.8	0.15	K20CH	270.418	267.398	147.601	16.638	0.23959	3.17411	7	X
J99TX7N	16.6	0.15	K20CH	32.223	66.175	210.599	9.777	0.06641	3.15068	11	X
J99TX7P	17.1	0.15	K20CH	287.596	109.632	250.708	7.473	0.14620	2.68275	10	X
J99TX7V	16.9	0.15	K20CH	241.787	125.636	286.360	10.734	0.06521	2.67988	11	X
J99VC4E	16.6	0.15	K20CH	292.795	149.556	223.046	8.010	0.09618	3.16559	13	X
J99XQ6P	17.6	0.15	K20CH	247.936	180.689	245.308	8.353	0.11542	2.72163	10	X
K00E71K	17.8	0.15	K20CH	235.005	257.054	152.459	12.557	0.21210	2.44648	5	X
K00L10G	17.6	0.15	K20CH	273.899	146.282	215.858	8.297	0.23782	2.30587	7	X
K00O63A	18.5	0.15	K20CH	177.093	222.840	243.174	3.382	0.09635	2.29624	10	X
K00QE8B	17.5	0.15	K20CH	306.014	159.032	164.338	29.443	0.20479	2.60446	5	X
K00QO8V	18.4	0.15	K20CH	307.557	156.811	156.112	6.763	0.27501	2.60704	4	X
K00QP7B	17.0	0.15	K20CH	184.461	184.687	288.547	8.861	0.06722	3.03108	9	X
K00R58P	17.5	0.15	K20CH	270.837	211.963	194.626	12.721	0.22835	2.60692	5	X
K00RB1T	17.7	0.15	K20CH	203.478	143.932	301.624	14.600	0.05997	2.58848	5	X
K00S07X	16.5	0.15	K20CH	298.070	43.756	335.843	8.501	0.06110	3.03614	14	X
K00S11F	17.5	0.15	K20CH	276.668	166.777	194.114	13.570	0.26147	2.61846	6	X
K00S51S	17.4	0.15	K20CH	298.054	98.152	233.677	5.096	0.24273	2.61236	10	X

K00SU30	18.1	0.15	K20CH	290.207	29.946	316.549	7.152	0.31023	2.30811	5 X
K00Sb7D	16.1	0.15	K20CH	290.654	132.202	235.069	9.654	0.08351	3.04349	12 X
K00Sc0G	18.0	0.15	K20CH	247.301	73.672	358.118	4.147	0.15692	2.59652	6 X
K00V00W	17.7	0.15	K20CH	253.317	210.150	220.438	9.085	0.21652	2.62227	5 X
K00V66A	18.2	0.15	K20CH	305.718	114.281	219.056	10.507	0.20471	2.62534	6 X
K00V66F	17.9	0.15	K20CH	297.308	327.975	30.941	5.092	0.12675	2.62140	5 X
K00W52H	17.4	0.15	K20CH	266.097	152.916	244.275	9.550	0.10027	3.10507	6 X
K00WK10	17.8	0.15	K20CH	320.710	75.373	237.582	9.334	0.24591	2.63557	7 X
K00WK2G	17.9	0.15	K20CH	300.271	131.997	231.519	15.769	0.26006	3.06787	3 X
K00Y37T	17.5	0.15	K20CH	222.231	183.971	266.918	5.513	0.28479	2.66390	5 X
K00YE4Q	16.6	0.15	K20CH	231.178	130.683	301.424	8.409	0.07097	3.18075	7 X
K01B840	18.3	0.15	K20CH	213.844	130.127	318.312	6.406	0.07313	2.36375	8 X
K01C50D	16.8	0.15	K20CH	305.540	232.732	134.706	15.831	0.17173	2.68244	11 X
K01D86G	18.2	0.15	K20CH	349.807	38.784	230.164	7.428	0.11375	2.42812	7 X
K01DA9Y	16.6	0.15	K20CH	267.184	330.905	104.020	18.347	0.17661	3.10157	8 X
K01DB4W	16.4	0.15	K20CH	277.319	109.229	276.403	7.963	0.07731	3.22411	9 X
K01FO6M	17.2	0.15	K20CH	200.208	220.115	232.058	10.643	0.03608	2.73061	8 X
K01K82C	17.3	0.15	K20CH	21.306	273.349	352.457	1.485	0.05517	2.92888	10 X
K01P130	19.0	0.15	K20CH	284.673	222.897	107.746	3.708	0.34094	2.23358	5 X
K01P67W	18.2	0.15	K20CH	312.359	168.925	125.891	6.657	0.24150	2.22832	7 X
K01SI3S	18.9	0.15	K20CH	294.972	157.128	153.511	4.625	0.21709	2.23556	5 X
K01U00K	18.9	0.15	K20CH	236.465	73.451	344.408	4.259	0.11268	2.23509	7 X
K01VD0K	16.3	0.15	K20CH	89.801	54.442	135.918	11.112	0.03858	3.02328	12 X
K01WA5Q	17.6	0.15	K20CH	218.834	117.271	338.304	9.064	0.16946	2.57791	6 X
K01XQ9U	17.4	0.15	K20CH	208.021	169.989	282.170	10.775	0.14265	2.59028	7 X
K01YG20	17.4	0.15	K20CH	259.182	297.545	132.539	12.707	0.23490	2.55542	7 X
K01YG3C	18.2	0.15	K20CH	283.540	110.259	216.791	6.458	0.14188	2.26544	8 X
K02A92V	18.5	0.15	K20CH	299.916	38.867	270.153	9.001	0.19281	2.35066	4 X
K02AL3L	17.8	0.15	K20CH	259.491	101.256	306.928	13.608	0.22338	2.57060	5 X
K02CI8H	17.0	0.15	K20CH	233.398	122.447	323.967	16.846	0.15126	3.06189	4 X
K02CT2W	16.6	0.15	K20CH	194.153	150.853	326.334	28.139	0.14335	3.09479	5 X
K02CW3S	17.5	0.15	K20CH	210.290	99.883	341.642	5.021	0.05468	2.63797	9 X
K02CW7L	17.0	0.15	K20CH	206.073	233.749	228.038	8.502	0.08533	3.08496	8 X
K02EC0B	16.3	0.15	K20CH	218.294	110.017	344.561	10.625	0.10731	3.12199	9 X
K02EF8V	17.0	0.15	K20CH	287.928	228.273	161.850	22.147	0.06777	2.61583	10 X
K02GI6C	17.6	0.15	K20CH	150.774	288.934	207.934	11.088	0.14493	2.67913	7 X
K02L64G	16.3	0.15	K20CH	68.471	86.160	128.448	13.537	0.10880	2.73564	11 X
K02PE40	19.1	0.15	K20CH	319.389	355.766	309.980	5.235	0.12385	2.41984	3 X
K02Q15Q	17.3	0.15	K20CH	300.565	347.382	341.611	15.188	0.22001	2.43579	7 X
K02Q24N	18.4	0.15	K20CH	312.934	172.421	135.649	9.884	0.29444	2.42874	4 X
K02Q57G	18.0	0.15	K20CH	350.819	118.466	158.209	10.234	0.17297	2.42038	8 X
K02QD8X	18.9	0.15	K20CH	283.557	39.426	311.263	5.686	0.10454	2.14060	6 X
K02R25R	21.0	0.15	K20CH	296.349	156.129	349.859	13.544	0.30985	0.96686	4 X
K02R30G	18.4	0.15	K20CH	292.253	19.358	290.524	4.011	0.23631	2.16133	6 X
K02RK20	18.4	0.15	K20CH	285.570	34.433	286.769	3.405	0.23720	2.16327	6 X
K02RO1F	18.2	0.15	K20CH	314.467	2.349	303.772	3.721	0.20144	2.43663	8 X
K02RR6X	18.5	0.15	K20CH	310.336	1.577	330.010	3.187	0.38149	2.82113	2 X
K02T70T	18.0	0.15	K20CH	265.568	77.424	339.464	20.845	0.35186	2.43230	5 X
K02Tc6M	17.3	0.15	K20CH	295.856	115.940	255.806	4.240	0.06215	2.83185	8 X
K02Tc6X	18.8	0.15	K20CH	201.066	358.423	40.889	22.538	0.06314	1.96826	7 X
K02Td0X	16.1	0.15	K20CH	249.393	89.607	356.621	11.599	0.06715	3.38884	8 X
K02U30K	17.3	0.15	K20CH	299.139	302.260	32.336	14.182	0.30584	2.85965	4 X
K02W31V	16.9	0.15	K20CH	300.022	56.085	314.392	7.304	0.32302	2.84107	7 X
K03A850	17.4	0.15	K2175	306.612	355.158	48.150	7.886	0.26551	2.47597	7 V
K03FD4E	17.4	0.15	K20CH	56.428	19.784	198.669	14.975	0.03250	2.60040	9 X
K03FD5Z	17.4	0.15	K20CH	88.001	210.174	355.056	21.907	0.04995	2.58117	6 X
K03FE0M	16.5	0.15	K20CH	315.953	224.249	121.868	12.342	0.09888	3.05711	11 X
K03G33D	17.1	0.15	K20CH	206.647	212.558	242.453	8.762	0.06227	3.02727	6 X
K03G66C	17.9	0.15	K20CH	10.166	64.298	189.020	12.124	0.16733	2.63542	6 X
K03H60K	16.1	0.15	K20CH	313.042	280.207	93.637	16.591	0.11701	3.05492	9 X
K03K39V	19.3	0.15	K20CH	261.744	284.454	103.940	2.064	0.20444	2.27003	5 X
K03Q00A	18.4	0.15	K20CH	317.593	1.328	232.689	10.290	0.70751	2.34046	7 X
K03Q76F	17.8	0.15	K20CH	277.462	40.712	319.890	8.675	0.23569	2.34601	7 X
K03S55E	17.5	0.15	K20CH	315.459	5.470	334.544	9.369	0.22320	2.71909	4 X
K03S69A	17.7	0.15	K20CH	267.158	72.077	331.828	7.110	0.29386	2.73369	4 X
K03SE5C	16.4	0.15	K20CH	277.543	72.827	298.512	14.764	0.29306	2.74453	7 X
K03SX2Q	17.1	0.15	K20CH	295.608	204.571	155.594	11.605	0.31226	2.74209	4 X
K03SY0W	19.2	0.15	K20CH	312.294	333.103	328.903	4.401	0.23412	2.35376	4 X
K03Sd3B	17.4	0.15	K20CH	336.896	180.819	132.925	5.680	0.11939	2.73987	10 X
K03Se9W	18.7	0.15	K20CH	294.815	176.862	183.179	9.840	0.24534	2.73053	4 X
K03Sh7K	17.3	0.15	K20CH	286.802	22.853	341.018	3.615	0.08588	2.76111	11 X
K03Sh9D	18.4	0.15	K20CH	250.626	53.221	345.478	6.640	0.17264	2.35453	7 X
K03Si0A	17.4	0.15	K20CH	10.231	71.205	199.822	2.252	0.04763	2.74791	11 X
K03Sj0J	17.1	0.15	K20CH	229.654	71.011	17.240	9.232	0.15374	2.74426	9 X
K03Sk30	17.9	0.15	K20CH	288.846	154.199	204.813	3.932	0.13534	2.73884	7 X
K03T22E	17.3	0.15	K20CH	257.264	147.459	256.917	7.458	0.18465	2.75023	6 X
K03T26C	18.3	0.15	K20CH	289.732	102.808	264.553	2.969	0.22591	2.73726	3 X
K03UI2X	17.5	0.15	K20CH	274.038	193.153	212.264	4.474	0.15980	2.73747	7 X
K03UK5K	18.2	0.15	K20CH	290.602	142.399	195.907	4.480	0.34841	2.36018	5 X
K03UN8T	18.3	0.15	K20CH	296.006	347.667	0.684	5.032	0.21434	2.35042	6 X
K03Ua9U	17.2	0.15	K20CH	322.705	37.636	280.510	3.192	0.06669	2.77729	10 X
K03Ub5D	18.7	0.15	K20CH	281.113	110.208	238.028	3.606	0.14770	2.35563	5 X
K03Uf9T	17.7	0.15	K20CH	152.258	294.446	194.779	4.622	0.17849	2.40340	10 X
K03Ug7E	17.6	0.15	K20CH	304.796	317.656	35.963	6.506	0.05667	2.74638	9 X
K03Uh7Q	17.8	0.15	K20CH	346.061	166.104	131.653	4.855	0.16259	2.74531	7 X
K03Ui5L	17.5	0.15	K20CH	328.462	170.803	153.303	5.566	0.12006	2.73620	9 X
K03W77S	17.1	0.15	K20CH	276.127	42.613	328.989	12.886	0.23289	2.77128	6 X
K03W970	17.6	0.15	K20CH	218.692	233.753	215.304	13.806	0.17188	2.78793	5 X
K03WJ8Q	17.1	0.15	K20CH	236.750	187.935	244.729	12.791	0.16997	2.77800	6 X
K03WK1F	18.2	0.15	K20CH	277.193	106.435	297.531	2.987	0.20774	2.75894	6 X
K03WK1G	17.7	0.15	K20CH	233.980	227.465	189.123	4.207	0.06078	2.78430	9 X
K03Y49Y	18.6	0.15	K20CH	268.874	119.337	268.848	6.338	0.32992	2.36718	2 X
K03YI6L	18.2	0.15	K20CH	274.629	82.059	280.050	6.318	0.15755	2.38850	6 X

K04BG5E	16.8	0.15	K20CH	272.737	296.649	118.934	15.789	0.13331	2.85855	7	X
K04J49J	17.7	0.15	K20CH	71.000	321.193	236.066	10.553	0.08111	2.53425	6	X
K04L19X	18.0	0.15	K20CH	335.617	23.674	274.591	2.699	0.27123	2.56624	7	X
K04L21T	17.5	0.15	K20CH	309.448	101.280	221.131	12.417	0.19567	2.60705	7	X
K04P47Y	16.5	0.15	K20CH	302.478	180.418	145.404	16.046	0.21114	2.61634	12	X
K04P59W	16.6	0.15	K20CH	300.035	209.125	146.339	18.347	0.24182	3.17305	9	X
K04P88F	17.7	0.15	K20CH	271.545	207.327	171.661	15.096	0.28780	2.63257	3	X
K04PB9D	17.8	0.15	K20CH	267.537	73.279	331.881	10.642	0.19323	2.61197	5	X
K04Q28K	16.5	0.15	K20CH	337.341	336.742	329.121	21.964	0.09776	3.20349	7	X
K04Q30Z	17.0	0.15	K20CH	268.480	241.391	174.282	13.958	0.27947	3.17791	6	X
K04Q32Z	17.6	0.15	K20CH	291.915	171.572	177.341	12.629	0.14384	2.63002	4	X
K04Q38H	16.9	0.15	K20CH	267.221	71.629	331.968	24.758	0.28038	3.19742	4	X
K04Q38J	19.4	0.15	K20CH	290.014	59.647	275.088	4.697	0.25844	2.26069	3	X
K04Q38K	17.9	0.15	K20CH	321.951	151.147	180.802	17.217	0.22513	3.18196	2	X
K04R98K	18.3	0.15	K20CH	285.877	154.169	227.250	4.443	0.27782	2.61552	4	X
K04RB8L	16.3	0.15	K20CH	143.821	169.328	345.076	9.318	0.02441	3.18629	12	X
K04RC7X	16.8	0.15	K20CH	289.182	58.225	342.318	11.013	0.18767	3.16602	6	X
K04RD9U	18.8	0.15	K20CH	274.664	348.592	359.673	4.518	0.27145	2.26757	3	X
K04RGOP	17.0	0.15	K20CH	278.545	70.307	317.357	4.405	0.14890	3.20787	9	X
K04RG1G	18.3	0.15	K20CH	276.354	204.856	160.616	8.966	0.20495	2.63751	3	X
K04RK1L	17.2	0.15	K20CH	303.610	354.637	354.889	14.848	0.27494	2.63081	7	X
K04RL3C	17.9	0.15	K20CH	285.476	77.615	276.995	10.025	0.32535	2.63909	3	X
K04RL9K	17.3	0.15	K20CH	328.604	38.382	277.235	12.292	0.28043	2.61303	7	X
K04RM2C	17.5	0.15	K20CH	273.927	32.569	338.033	32.620	0.23110	2.62668	3	X
K04RM2N	18.1	0.15	K20CH	301.800	143.749	206.696	33.184	0.38134	2.62635	3	X
K04RP9Y	18.5	0.15	K20CH	296.623	62.988	287.404	1.335	0.22372	2.62500	5	X
K04RQ7X	18.3	0.15	K20CH	285.221	184.140	172.240	12.993	0.20692	2.63283	4	X
K04RQ7Z	16.8	0.15	K20CH	5.525	86.964	172.528	25.241	0.27815	3.18709	7	X
K04RS2E	19.6	0.15	K20CH	312.735	116.179	180.323	1.256	0.25584	2.26352	4	X
K04RS8W	17.9	0.15	K20CH	296.639	340.552	354.182	11.561	0.21155	2.64034	4	X
K04RU0B	16.2	0.15	K20CH	277.728	212.598	173.352	15.614	0.05294	3.20505	11	X
K04RV1L	17.8	0.15	K20CH	284.210	55.297	270.485	8.123	0.25550	2.26697	9	X
K04RX8X	18.2	0.15	K20CH	307.371	139.680	184.554	13.319	0.29903	2.62998	6	X
K04RY9G	17.6	0.15	K20CH	12.822	92.711	172.978	9.770	0.05851	2.63040	10	X
K04RZ9R	17.7	0.15	K20CH	231.640	228.981	206.682	12.360	0.17663	2.62903	5	X
K04Ra5X	18.0	0.15	K20CH	327.896	4.854	298.694	4.936	0.17782	2.62673	5	X
K04S34M	17.2	0.15	K20CH	300.299	166.225	190.453	17.815	0.14337	3.19522	4	X
K04S36B	16.6	0.15	K20CH	351.700	347.143	315.444	9.143	0.08970	3.18345	8	X
K04S38H	19.5	0.15	K20CH	263.663	156.385	219.817	2.396	0.20793	2.26086	4	X
K04S42X	17.7	0.15	K20CH	324.448	80.909	228.642	3.893	0.30660	2.62175	6	X
K04S66J	17.9	0.15	K2175	16.388	136.997	189.918	2.773	0.07572	2.61108	5	V
K04T34F	17.9	0.15	K20CH	224.384	212.580	215.541	3.880	0.05983	2.65841	7	X
K04T71Y	17.9	0.15	K20CH	292.633	154.482	195.775	5.221	0.20539	2.64597	6	X
K04T93G	17.0	0.15	K20CH	342.982	83.724	216.291	6.009	0.14776	2.64697	11	X
K04T98O	17.9	0.15	K20CH	252.121	219.066	195.376	11.650	0.11008	2.64338	6	X
K04TC0C	17.9	0.15	K20CH	289.001	25.898	351.005	13.464	0.27039	2.62635	3	X
K04TC0D	17.8	0.15	K20CH	304.029	341.135	340.374	7.864	0.32750	2.64182	3	X
K04TC1E	18.6	0.15	K20CH	264.013	56.739	308.377	2.714	0.26417	2.27607	3	X
K04TE1T	16.3	0.15	K20CH	46.809	239.359	23.821	9.193	0.03426	3.19549	11	X
K04TK1S	17.6	0.15	K20CH	285.218	117.300	239.556	6.819	0.32295	2.65747	6	X
K04TL4P	17.8	0.15	K20CH	231.512	191.728	222.779	4.755	0.03331	2.65396	10	X
K04TM2M	17.6	0.15	K20CH	290.690	236.936	100.279	6.178	0.18050	2.27665	11	X
K04TM3Z	17.0	0.15	K20CH	151.188	272.970	222.508	5.320	0.05921	2.65772	11	X
K04TN4K	16.4	0.15	K20CH	304.477	162.088	211.067	7.330	0.14759	3.22575	10	X
K04TQ1G	17.7	0.15	K20CH	281.211	333.595	43.009	5.084	0.06523	2.64584	9	X
K04TQ8C	17.2	0.15	K20CH	338.895	259.080	38.391	13.223	0.16823	2.65935	8	X
K04TU5V	15.8	0.15	K20CH	304.131	10.223	350.284	21.940	0.16726	3.20145	8	X
K04TZ9B	19.3	0.15	K20CH	253.095	190.740	194.711	4.809	0.16620	2.27439	3	X
K04Tb3P	17.2	0.15	K20CH	233.399	174.364	264.119	13.284	0.21574	2.65451	5	X
K04Tb5K	17.7	0.15	K20CH	315.592	26.499	318.851	1.863	0.09316	2.63659	9	X
K04Tb6K	17.9	0.15	K20CH	297.353	143.165	182.612	13.328	0.28137	2.64769	6	X
K04Tb7G	18.5	0.15	K20CH	315.577	118.180	182.412	9.195	0.14078	2.25842	6	X
K04Tb8X	17.3	0.15	K20CH	192.573	232.964	237.693	12.102	0.21834	2.69868	8	X
K04V23P	16.3	0.15	K20CH	234.794	222.182	235.049	20.898	0.15848	2.65182	8	X
K04X55W	17.4	0.15	K20CH	261.628	115.230	287.871	11.958	0.19582	2.68786	7	X
K04X57G	17.2	0.15	K20CH	179.479	206.454	270.222	6.419	0.05486	2.31383	12	X
K05B15S	17.4	0.15	K20CH	191.153	177.168	285.199	6.244	0.08310	2.75591	7	X
K05B41R	17.4	0.15	K20CH	271.430	63.552	316.268	4.815	0.05832	2.75678	10	X
K05E39J	17.5	0.15	K20CH	236.490	113.925	340.274	8.918	0.21561	2.71369	7	X
K05EF7X	18.3	0.15	K20CH	227.177	247.118	175.787	5.252	0.21872	2.34809	7	X
K05EL1E	18.2	0.15	K20CH	101.401	305.153	238.840	3.519	0.13732	2.37568	10	X
K05EM8W	16.8	0.15	K20CH	308.288	6.208	328.129	20.952	0.16250	2.77812	6	X
K05EX8F	17.2	0.15	K20CH	244.957	74.332	332.632	16.642	0.13483	2.76047	5	X
K05JG1R	17.8	0.15	K20CH	15.790	16.742	225.654	8.474	0.20226	2.45296	5	X
K05L59J	18.5	0.15	K20CH	272.644	67.790	324.870	1.539	0.21844	2.46296	8	X
K05M49K	16.5	0.15	K20CH	352.661	5.390	284.934	14.297	0.15810	3.00545	4	X
K05N86A	16.8	0.15	K20CH	284.071	89.249	287.276	8.753	0.14053	3.00563	7	X
K05NA7O	17.2	0.15	K20CH	284.488	109.651	256.676	1.587	0.03622	2.99716	7	X
K05ND1X	17.0	0.15	K20CH	121.423	259.507	276.123	7.912	0.06793	2.97188	6	X
K05O03G	19.7	0.15	K20CH	276.289	206.283	141.883	5.740	0.48564	2.17224	3	X
K05P22D	16.6	0.15	K20CH	319.573	9.241	321.788	17.058	0.16555	3.04463	5	X
K05P32T	17.4	0.15	K20CH	340.386	344.449	341.533	10.453	0.16386	3.00797	5	X
K05Q11N	20.1	0.15	K20CH	272.850	135.333	223.710	5.635	0.40324	2.17329	4	X
K05Q77Q	18.9	0.15	K20CH	288.708	20.391	328.593	8.173	0.11292	2.16013	5	X
K05QA8P	17.2	0.15	K20CH	279.839	58.700	333.716	6.765	0.20084	3.06759	6	X
K05QB1G	17.1	0.15	K20CH	302.837	358.287	343.212	13.587	0.24024	3.08229	4	X
K05QG3D	18.4	0.15	K20CH	270.162	340.512	6.072	6.383	0.24199	2.17501	4	X
K05QG7B	17.2	0.15	K20CH	292.445	66.818	306.107	17.151	0.24057	3.05108	3	X
K05QJ4Q	16.6	0.15	K20CH	333.845	6.399	327.072	15.001	0.07753	3.00979	8	X
K05QJ4Y	15.4	0.15	K20CH	0.445	116.898	202.491	8.646	0.19851	3.98766	7	X
K05QJ5E	17.9	0.15	K20CH	274.228	95.787	279.123	4.794	0.18651	2.51356	7	X
K05QK3Y	17.3	0.15	K20CH	297.887	36.986	322.373	8.167	0.15135	3.06597	5	X
K05QK8X	17.6	0.15	K20CH	318.547	143.486	187.377	9.024	0.10760	3.06719	4	X

K05R54M	18.0	0.15	K20CH	320.911	111.642	214.202	11.119	0.19639	2.51444	7	X
K05R61Z	17.8	0.15	K20CH	317.018	157.809	175.260	14.455	0.14927	3.07001	3	X
K05S47O	16.8	0.15	K20CH	289.340	21.323	345.036	4.931	0.15481	3.10748	7	X
K05S48K	16.7	0.15	K20CH	291.682	156.757	236.933	3.530	0.13756	3.06697	10	X
K05S66G	18.7	0.15	K20CH	255.862	40.259	337.720	5.589	0.17033	2.18057	5	X
K05SI2K	16.8	0.15	K20CH	279.978	191.905	202.979	18.075	0.20245	3.09331	3	X
K05SJ7U	17.1	0.15	K20CH	338.360	327.662	342.727	4.595	0.11148	3.05500	6	X
K05SS6N	17.1	0.15	K20CH	288.926	242.319	145.638	6.653	0.16470	3.07936	6	X
K05SS9E	16.4	0.15	K20CH	294.924	177.500	209.230	8.497	0.26075	3.05016	7	X
K05ST8B	18.7	0.15	K20CH	245.784	197.001	189.266	6.277	0.15914	2.16981	7	X
K05SU0H	16.8	0.15	K20CH	285.263	190.721	187.585	27.413	0.07138	3.07970	8	X
K05SU0M	17.4	0.15	K20CH	336.483	84.125	248.627	3.600	0.12145	3.06477	4	X
K05SU1D	17.3	0.15	K20CH	293.380	255.659	127.029	3.589	0.16354	3.06522	4	X
K05SU1N	16.9	0.15	K20CH	322.876	117.953	216.205	8.489	0.07272	3.13229	8	X
K05SU3G	17.9	0.15	K20CH	321.028	128.374	199.440	8.028	0.26470	3.08156	4	X
K05SU3K	16.9	0.15	K20CH	295.612	183.178	170.502	9.531	0.05623	3.10363	9	X
K05SU3W	18.4	0.15	K20CH	296.655	115.686	213.145	11.541	0.27844	2.53280	5	X
K05SU4C	17.7	0.15	K20CH	310.855	129.919	218.165	0.564	0.18538	3.08737	6	X
K05SU4D	19.4	0.15	K2175	297.803	216.424	192.777	5.850	0.12915	2.18105	3	V
K05T13O	16.8	0.15	K20CH	315.304	272.341	58.428	8.089	0.40604	3.06569	5	X
K05T46Y	16.5	0.15	K20CH	238.429	261.770	182.755	26.395	0.26839	3.11606	5	X
K05T80O	17.4	0.15	K20CH	337.493	48.241	224.388	9.245	0.08110	2.57303	10	X
K05T80T	17.5	0.15	K20CH	299.868	136.599	229.061	7.851	0.18336	3.08257	3	X
K05T95N	18.0	0.15	K20CH	330.214	67.566	217.592	11.097	0.25919	2.54611	4	X
K05TI3E	16.3	0.15	K20CH	354.503	351.462	288.012	2.273	0.21282	3.12311	12	X
K05TI7M	16.5	0.15	K20CH	13.511	67.503	230.284	4.645	0.08976	3.08437	10	X
K05TK3K	16.3	0.15	K20CH	1.985	285.310	357.588	21.188	0.26757	3.05246	7	X
K05TL9O	18.3	0.15	K20CH	189.129	260.299	209.711	6.840	0.15872	2.56294	7	X
K05TM1B	18.1	0.15	K2175	35.571	68.336	232.321	4.172	0.06882	2.53644	8	V
K05U14N	17.9	0.15	K20CH	290.488	188.239	212.973	14.356	0.28284	3.08357	4	X
K05U16X	17.6	0.15	K20CH	276.183	200.346	204.626	7.928	0.27916	3.08609	3	X
K05U35O	17.5	0.15	K20CH	290.569	157.852	218.550	2.708	0.19249	3.12441	4	X
K05UD1D	17.9	0.15	K20CH	222.041	202.083	231.561	11.058	0.16191	2.57529	6	X
K05UI3O	18.9	0.15	K20CH	285.735	328.582	42.062	3.682	0.25213	2.53886	5	X
K05UR7L	16.8	0.15	K20CH	291.350	156.539	228.778	4.051	0.14170	3.10828	10	X
K05US7S	17.0	0.15	K20CH	271.703	299.551	93.605	3.378	0.18626	3.12454	5	X
K05UU7Y	16.2	0.15	K20CH	23.559	31.634	239.005	8.064	0.05272	3.17151	11	X
K05UW1D	17.0	0.15	K20CH	304.461	143.379	211.771	10.970	0.05503	3.15271	8	X
K05Ub0M	18.6	0.15	K20CH	233.309	315.514	127.037	2.387	0.19627	2.55445	6	X
K05Uc0V	17.1	0.15	K20CH	278.485	301.552	96.327	3.796	0.07622	3.12635	8	X
K05Uf6U	19.2	0.15	K20CH	287.230	137.898	193.638	5.169	0.26526	2.18620	5	X
K05Uo8B	17.8	0.15	K2175	7.437	281.318	41.441	1.331	0.17998	3.07831	3	V
K05Up9O	17.7	0.15	K20CH	313.017	157.501	182.238	17.075	0.23669	3.11662	4	X
K05Us5G	16.8	0.15	K20CH	231.610	233.977	213.664	8.483	0.03413	3.13331	9	X
K05V23D	16.7	0.15	K20CH	182.366	243.231	235.658	11.823	0.07166	3.17570	7	X
K05V23P	18.6	0.15	K20CH	311.143	55.267	239.354	6.056	0.20321	2.20603	6	X
K05V67D	16.6	0.15	K20CH	260.156	121.269	283.234	2.219	0.05654	3.15294	10	X
K05V84M	18.0	0.15	K20CH	275.393	137.757	248.154	2.693	0.19984	2.54235	6	X
K05V84U	16.6	0.15	K20CH	343.867	259.329	49.626	11.391	0.12546	3.14063	8	X
K05V90G	16.5	0.15	K20CH	260.355	130.945	272.332	8.348	0.10413	3.17562	10	X
K05VD9G	16.7	0.15	K20CH	275.774	133.842	256.037	7.299	0.08344	3.17291	8	X
K05VE4H	18.5	0.15	K20CH	238.784	119.425	289.980	4.714	0.11814	2.17500	6	X
K05VF5F	16.8	0.15	K20CH	298.312	154.710	229.897	11.617	0.08732	3.12517	5	X
K05W35M	18.6	0.15	K20CH	282.867	121.834	245.829	8.271	0.28922	2.55482	6	X
K05W38N	16.7	0.15	K20CH	256.326	169.036	256.940	9.582	0.20209	3.17138	5	X
K05W48D	18.0	0.15	K20CH	307.910	64.420	273.309	2.381	0.20862	2.56230	6	X
K05W61S	16.7	0.15	K20CH	209.416	324.915	115.152	12.597	0.05074	2.59214	11	X
K05WA9H	17.0	0.15	K20CH	348.960	196.124	95.831	3.027	0.12700	2.58900	14	X
K05WE3G	16.9	0.15	K20CH	280.153	143.001	252.289	9.002	0.22583	3.13959	6	X
K05WG5D	15.9	0.15	K20CH	336.001	251.971	71.915	10.266	0.08772	3.16149	11	X
K05WG7V	17.0	0.15	K20CH	282.909	130.728	250.232	9.403	0.12208	3.17729	7	X
K05WI3U	16.1	0.15	K20CH	221.072	15.491	106.554	17.698	0.13562	3.10090	10	X
K05WL3H	16.3	0.15	K20CH	255.228	12.938	70.051	18.830	0.09235	3.12976	10	X
K05WL5D	16.7	0.15	K20CH	89.590	321.295	246.502	5.503	0.07726	3.21343	8	X
K05WL9M	16.4	0.15	K20CH	61.707	332.305	268.327	10.760	0.04743	3.21430	5	X
K05WL9O	17.3	0.15	K2175	251.989	9.225	145.446	1.364	0.02972	3.03796	6	V
K05X30L	18.3	0.15	K20CH	21.480	32.300	201.884	4.346	0.07654	2.24045	11	X
K05X46T	16.0	0.15	K20CH	226.703	168.863	276.578	10.844	0.04494	3.19703	10	X
K05X50T	17.0	0.15	K20CH	278.098	75.792	328.300	5.989	0.13542	3.17667	7	X
K05X62E	16.5	0.15	K20CH	269.049	185.168	241.168	7.434	0.15145	3.13456	8	X
K05X69B	18.0	0.15	K20CH	295.564	77.683	265.245	7.234	0.06314	2.59699	6	X
K05X76O	16.0	0.15	K20CH	248.647	197.001	249.839	19.194	0.09443	3.10238	7	X
K05X99W	18.7	0.15	K20CH	301.456	291.434	57.349	4.068	0.08002	2.53971	6	X
K05XC1F	17.2	0.15	K20CH	330.522	274.451	65.928	23.152	0.01053	2.56370	7	X
K05XD4T	16.6	0.15	K20CH	261.510	113.938	291.643	8.211	0.03771	3.20705	8	X
K05Y65R	16.4	0.15	K20CH	316.053	69.534	292.732	8.837	0.08380	3.20390	7	X
K05Y67D	16.5	0.15	K20CH	293.809	112.777	296.272	13.175	0.31085	3.12627	5	X
K05YC3O	19.5	0.15	K20CH	275.749	70.862	328.570	3.393	0.31787	2.55430	4	X
K05YD8T	17.9	0.15	K20CH	279.578	76.191	301.987	7.088	0.25075	2.58789	5	X
K05YH4W	18.0	0.15	K20CH	182.108	143.559	318.597	17.183	0.10382	1.95296	8	X
K05YH6C	17.7	0.15	K20CH	167.691	192.201	292.282	11.318	0.05300	2.63647	5	X
K05Y00M	17.6	0.15	K20CH	217.599	148.184	295.122	13.787	0.15232	2.60544	4	X
K05Y04M	16.5	0.15	K2175	295.332	103.723	298.006	10.132	0.04026	3.25324	7	V
K05YT7K	18.7	0.15	K20CH	271.947	272.069	90.163	8.494	0.22333	2.19891	5	X
K06AA9L	18.0	0.15	K20CH	288.996	281.547	100.785	13.430	0.28411	2.56011	7	X
K06AB1Z	17.9	0.15	K20CH	107.534	226.840	312.444	5.161	0.02535	2.66215	6	X
K06AB2C	16.6	0.15	K20CH	235.093	125.114	313.475	21.598	0.06715	2.62482	6	X
K06AB7E	16.8	0.15	K2175	305.612	98.654	319.987	10.758	0.26626	3.20603	7	V
K06AB7G	18.3	0.15	K20CH	284.147	80.949	289.529	13.918	0.16119	2.64200	4	X
K06AB7K	16.6	0.15	K2175	210.769	271.959	272.137	7.822	0.05277	3.15614	7	V
K06B18N	18.9	0.15	K20CH	251.767	95.635	294.352	3.412	0.20245	2.21952	6	X
K06B64E	18.2	0.15	K20CH	232.231	124.019	308.734	10.780	0.17378	2.61278	5	X
K06B70F	16.8	0.15	K20CH	286.741	63.852	343.648	10.931	0.19244	3.19963	7	X

K06BM0G	16.8	0.15	K20CH	337.504	197.751	127.120	14.486	0.14307	2.63772	8	X
K06BN4W	17.7	0.15	K20CH	229.996	105.161	316.953	21.480	0.05721	2.64350	5	X
K06BN6E	17.3	0.15	K20CH	247.882	108.261	329.832	24.710	0.21434	3.22405	3	X
K06C73K	17.7	0.15	K20CH	330.808	203.960	107.650	2.209	0.20385	2.67080	10	X
K06D41U	17.2	0.15	K20CH	251.739	289.542	140.508	15.046	0.09419	2.60535	9	X
K06DF2K	17.5	0.15	K20CH	243.107	83.062	353.225	12.069	0.17365	2.64607	7	X
K06F31J	18.3	0.15	K20CH	302.426	294.849	10.761	6.527	0.27481	2.34929	4	X
K06H34M	18.5	0.15	K20CH	330.258	81.439	201.569	4.645	0.16784	2.35378	7	X
K06K74W	18.6	0.15	K20CH	345.079	71.465	210.013	12.662	0.09096	2.34879	6	X
K06KB6J	18.2	0.15	K20CH	103.981	307.866	221.369	4.482	0.16191	2.31191	11	X
K06KE8E	17.2	0.15	K20CH	4.391	38.175	226.911	12.632	0.16591	2.80041	7	X
K06KF6K	18.3	0.15	K20CH	353.037	22.724	235.918	1.728	0.18419	2.38919	7	X
K06KF6P	17.5	0.15	K20CH	274.040	328.512	62.489	5.414	0.07770	2.77567	8	X
K06P16Z	17.7	0.15	K20CH	299.209	156.492	172.536	11.812	0.26424	2.41368	6	X
K06Q03V	18.7	0.15	K20CH	273.745	30.324	340.381	5.312	0.35933	2.41905	3	X
K06Q33L	18.6	0.15	K20CH	282.881	165.362	199.853	6.999	0.44940	2.41486	4	X
K06Q36S	18.1	0.15	K20CH	301.234	301.699	34.515	2.998	0.22656	2.39792	6	X
K06QA3K	17.4	0.15	K20CH	263.898	71.880	321.914	4.762	0.07286	2.92318	5	X
K06QD9D	18.3	0.15	K20CH	350.717	340.987	296.504	3.476	0.20172	2.38530	7	X
K06QJ4G	17.9	0.15	K20CH	300.038	331.958	356.175	14.293	0.26387	2.40544	3	X
K06QK6C	18.1	0.15	K20CH	293.902	148.102	184.440	2.987	0.19666	2.40906	6	X
K06R12Q	16.9	0.15	K20CH	248.046	224.994	207.560	10.319	0.10824	2.87614	9	X
K06R70Z	18.7	0.15	K20CH	290.703	163.135	181.286	6.598	0.19526	2.42241	5	X
K06RC1A	18.8	0.15	K20CH	292.561	129.428	209.658	2.218	0.20524	2.43336	3	X
K06S64U	17.3	0.15	K20CH	305.020	71.248	273.480	8.430	0.08520	2.95889	6	X
K06SE1U	16.7	0.15	K20CH	319.648	292.864	50.137	6.390	0.07715	2.92512	9	X
K06SG8O	18.7	0.15	K20CH	290.822	131.017	200.822	5.746	0.27992	2.42705	4	X
K06SH3R	18.0	0.15	K20CH	257.600	57.116	345.904	22.012	0.31613	2.41249	6	X
K06SM4U	17.2	0.15	K20CH	299.959	185.353	172.562	7.100	0.24108	2.93422	7	X
K06SN3W	18.1	0.15	K20CH	18.805	36.546	231.493	4.333	0.08656	2.40792	11	X
K06SQ0W	16.9	0.15	K20CH	312.298	135.292	202.362	14.872	0.12945	2.96556	10	X
K06T01Q	17.8	0.15	K20CH	318.185	282.043	25.222	14.625	0.18871	2.43118	5	X
K06T09B	17.2	0.15	K20CH	257.208	173.245	226.628	10.589	0.07331	2.97492	4	X
K06TD9F	16.8	0.15	K20CH	161.440	256.444	243.757	9.277	0.04628	2.98532	6	X
K06TE4J	16.6	0.15	K20CH	309.948	53.245	316.538	4.021	0.18562	3.99330	4	X
K06TE4N	19.1	0.15	K2175	328.758	357.129	15.679	3.425	0.20691	2.43641	4	V
K06U89J	17.0	0.15	K20CH	254.008	195.589	229.903	11.817	0.17251	2.99126	5	X
K06UB1P	17.5	0.15	K20CH	183.436	200.484	269.286	3.931	0.01737	2.41005	12	X
K06UF7V	17.8	0.15	K20CH	279.853	194.813	190.109	5.164	0.14917	2.97154	5	X
K06UG5T	15.7	0.15	K20CH	315.735	171.588	182.942	8.591	0.13973	3.98324	6	X
K06UL0G	17.0	0.15	K20CH	245.987	51.345	19.554	10.142	0.08598	2.99430	6	X
K06U09Q	16.7	0.15	K20CH	332.616	110.104	220.134	2.021	0.24487	3.95087	4	X
K06UU1L	18.2	0.15	K20CH	311.506	285.521	18.713	5.257	0.22273	2.42104	4	X
K06UW5D	17.5	0.15	K20CH	285.597	155.286	223.045	10.098	0.13810	3.00702	6	X
K06UX3X	17.4	0.15	K20CH	250.792	238.651	177.824	16.411	0.11527	3.00574	4	X
K06UY1H	18.3	0.15	K20CH	331.670	83.385	226.449	9.299	0.26384	2.97716	5	X
K06Ua4B	15.7	0.15	K20CH	324.940	0.797	347.987	4.327	0.25852	4.00002	7	X
K06Ud1W	17.4	0.15	K20CH	275.901	162.245	216.099	11.409	0.03827	2.99973	5	X
K06V84P	17.7	0.15	K20CH	264.374	117.921	255.775	6.520	0.25529	2.45611	6	X
K06VC5K	16.6	0.15	K20CH	230.471	176.902	254.101	9.845	0.07998	3.04305	7	X
K06VD2D	17.2	0.15	K20CH	302.522	272.674	93.834	3.943	0.11523	2.99762	6	X
K06VH1V	19.0	0.15	K20CH	270.021	140.160	248.773	8.638	0.34388	2.43653	4	X
K06VI2G	17.4	0.15	K20CH	287.560	115.859	262.133	7.254	0.11637	2.99937	5	X
K06W15V	17.3	0.15	K20CH	234.867	162.772	268.958	9.378	0.08039	3.02591	4	X
K06W25U	18.6	0.15	K20CH	268.242	166.062	210.189	5.065	0.21486	2.45950	3	X
K06W36X	18.6	0.15	K20CH	272.484	184.133	188.863	4.578	0.19651	2.45059	5	X
K06W59Y	18.4	0.15	K20CH	277.869	57.120	325.992	1.419	0.20851	2.42642	6	X
K06WB4X	17.1	0.15	K20CH	195.329	255.370	210.874	9.606	0.03487	3.05493	7	X
K06WC1H	16.9	0.15	K20CH	251.158	192.209	219.507	14.351	0.08545	3.04042	7	X
K06WK8N	16.7	0.15	K20CH	279.950	143.403	233.449	7.213	0.03486	2.98129	8	X
K06WM5A	16.8	0.15	K20CH	212.640	213.081	226.988	12.206	0.00930	3.06664	7	X
K06X25W	16.8	0.15	K20CH	263.992	331.508	86.820	10.674	0.22188	3.00378	6	X
K06X33R	15.8	0.15	K20CH	133.940	240.233	284.926	11.551	0.12480	3.12235	10	X
K06X47A	16.5	0.15	K20CH	64.187	344.731	248.754	9.554	0.01167	3.07164	10	X
K06Y39T	17.0	0.15	K20CH	301.224	91.266	272.652	10.318	0.13382	3.05017	6	X
K06Y44C	17.4	0.15	K20CH	292.595	274.743	95.240	15.134	0.13351	2.47950	9	X
K06Y58F	16.8	0.15	K20CH	217.266	150.599	298.339	9.603	0.09739	3.10246	8	X
K06Y61D	16.9	0.15	K20CH	228.126	148.178	294.128	9.508	0.13344	3.07830	5	X
K07B28B	16.9	0.15	K20CH	234.189	124.588	317.106	7.920	0.14798	3.10102	7	X
K07BA4J	16.1	0.15	K20CH	319.355	2.044	319.770	18.693	0.13707	3.19283	8	X
K07BA5Z	16.5	0.15	K20CH	278.459	255.887	146.534	26.661	0.23081	3.09042	6	X
K07BA6C	17.0	0.15	K20CH	262.888	124.432	298.558	5.284	0.07489	3.05035	7	X
K07BA6D	16.4	0.15	K20CH	287.915	236.957	128.057	9.600	0.13835	3.12975	9	X
K07C75G	17.2	0.15	K20CH	293.245	234.251	142.951	21.210	0.25209	3.10291	5	X
K07DC5O	16.3	0.15	K20CH	267.071	241.288	163.945	26.540	0.25264	3.15297	7	X
K07DD2C	16.6	0.15	K2175	327.075	33.055	354.509	9.010	0.08400	3.16774	10	V
K07E30Q	16.6	0.15	K20CH	193.083	136.336	337.251	26.673	0.11419	3.16734	5	X
K07E63G	19.0	0.15	K20CH	193.133	85.963	356.054	19.923	0.11999	1.88400	4	X
K07E72R	17.1	0.15	K20CH	80.558	11.854	178.260	33.581	0.14258	2.62231	6	X
K07E86T	16.8	0.15	K20CH	308.909	195.992	150.472	19.816	0.23915	2.53170	12	X
K07EM7X	16.4	0.15	K20CH	263.793	64.213	330.401	15.110	0.09501	3.17599	8	X
K07F40K	16.8	0.15	K20CH	190.413	288.711	190.914	12.443	0.12216	3.16975	7	X
K07G67B	17.5	0.15	K20CH	32.550	216.352	37.867	6.071	0.08391	2.65267	8	X
K07G71R	16.9	0.15	K20CH	301.556	157.192	205.209	11.156	0.05354	3.19880	7	X
K07G79X	18.2	0.15	K20CH	326.682	71.358	226.382	4.747	0.17569	2.23895	9	X
K07H16R	16.5	0.15	K20CH	154.179	345.089	178.333	32.918	0.08249	3.19499	6	X
K07H49Q	18.4	0.15	K20CH	331.720	211.777	73.624	6.965	0.16408	2.24509	6	X
K07H82E	17.1	0.15	K20CH	342.996	155.358	151.094	6.693	0.09186	2.65749	11	X
K07HA2L	17.8	0.15	K20CH	226.392	246.168	184.423	4.171	0.12268	2.60092	7	X
K07HA3Q	17.7	0.15	K20CH	302.728	160.011	173.832	14.731	0.11955	2.67386	7	X
K07J15J	18.0	0.15	K20CH	337.619	66.195	222.216	10.826	0.17548	2.70094	6	X
K07L10K	18.5	0.15	K20CH	303.492	93.205	225.925	20.386	0.09755	1.93998	6	X
K07O11B	18.7	0.15	K20CH	287.149	344.604	345.661	0.512	0.26520	2.31602	5	X

K07P22A	17.1	0.15	K20CH	340.974	354.175	290.749	7.156	0.19369	2.77932	8 X
K07P30V	17.2	0.15	K20CH	301.510	12.398	337.922	12.066	0.30282	2.78914	2 X
K07Q18P	19.0	0.15	K20CH	308.967	333.927	334.934	2.428	0.20830	2.30086	3 X
K07R46P	17.7	0.15	K20CH	335.355	5.970	312.752	3.906	0.15403	2.78752	6 X
K07R55S	18.3	0.15	K20CH	10.005	46.483	216.019	6.200	0.09008	2.30918	9 X
K07R56X	18.7	0.15	K20CH	298.330	23.582	345.289	9.704	0.28801	2.79492	2 X
K07R66W	17.6	0.15	K20CH	313.979	24.125	327.942	3.403	0.08622	2.76019	7 X
K07R98H	18.8	0.15	K20CH	288.683	271.368	57.079	3.671	0.23601	2.32566	3 X
K07RJ5J	18.7	0.15	K20CH	319.756	14.469	295.269	1.503	0.21573	2.30284	7 X
K07RJ7Q	17.1	0.15	K20CH	296.768	128.929	225.416	13.810	0.17520	2.79176	6 X
K07RN2H	19.2	0.15	K2175	22.529	268.142	26.588	2.546	0.20393	2.30814	2 V
K07RX4Y	17.5	0.15	K20CH	263.962	118.185	292.412	5.475	0.05843	2.76133	7 X
K07RZ2B	17.6	0.15	K20CH	306.936	99.072	245.662	3.746	0.08223	2.81347	7 X
K07RZ3Z	19.0	0.15	K20CH	301.815	352.882	331.141	6.123	0.13427	2.31411	3 X
K07Rb2S	17.8	0.15	K2175	276.733	245.440	181.670	4.976	0.03702	2.81961	5 V
K07Rb2T	19.2	0.15	K2175	12.922	305.865	354.988	1.002	0.18843	2.31385	3 V
K07S16M	17.2	0.15	K20CH	289.857	45.237	340.013	8.831	0.13748	2.77492	4 X
K07S25R	17.4	0.15	K20CH	318.830	98.084	248.059	4.687	0.05065	2.80072	8 X
K07T25G	18.8	0.15	K20CH	293.746	279.833	40.249	3.743	0.44613	2.31474	4 X
K07T47G	18.3	0.15	K20CH	298.784	338.590	347.529	3.119	0.19203	2.32508	7 X
K07T58G	18.5	0.15	K20CH	308.951	110.124	212.759	2.827	0.25547	2.31832	4 X
K07T72F	17.5	0.15	K20CH	335.085	79.420	249.534	2.632	0.10279	2.78371	9 X
K07TKOM	18.9	0.15	K20CH	267.424	66.636	302.822	1.770	0.19005	2.30771	3 X
K07TN9W	17.3	0.15	K20CH	277.252	130.133	249.543	1.066	0.08204	2.87568	6 X
K07TR3N	18.3	0.15	K20CH	258.758	179.881	214.008	6.906	0.11666	2.31062	5 X
K07TR9C	17.9	0.15	K20CH	302.267	56.956	310.839	3.017	0.11403	2.80289	3 X
K07TU6P	16.9	0.15	K20CH	358.970	44.459	251.187	2.999	0.07988	2.78363	11 X
K07TV6Q	17.4	0.15	K20CH	299.925	153.692	193.864	6.891	0.09129	2.86851	6 X
K07TW3B	18.4	0.15	K20CH	218.714	144.612	287.950	4.630	0.21646	2.33832	6 X
K07TW3O	18.7	0.15	K20CH	264.849	72.824	319.983	4.123	0.18836	2.31421	6 X
K07TZ8G	17.4	0.15	K20CH	32.065	36.619	241.026	5.445	0.01397	2.78950	8 X
K07Tn9N	17.8	0.15	K2175	322.824	352.520	30.280	4.756	0.08628	2.84353	3 V
K07U22E	18.5	0.15	K20CH	299.913	123.935	201.402	5.482	0.20457	2.33420	3 X
K07UE1K	19.1	0.15	K20CH	264.325	166.256	216.645	1.854	0.22831	2.32483	4 X
K07V91D	18.5	0.15	K20CH	225.185	167.104	256.403	9.504	0.18871	2.33930	5 X
K07V97D	17.9	0.15	K20CH	303.507	57.478	272.545	4.515	0.24354	2.32713	5 X
K07VG5M	18.5	0.15	K20CH	287.643	147.023	198.615	1.979	0.20600	2.34278	5 X
K07VI0C	18.4	0.15	K20CH	318.672	258.798	48.763	23.409	0.29883	2.31795	4 X
K07VK2X	18.5	0.15	K20CH	259.813	168.999	214.806	5.483	0.23445	2.33432	5 X
K07VN5M	17.4	0.15	K20CH	283.638	304.867	85.514	3.123	0.21814	2.84924	7 X
K07VQ4E	17.0	0.15	K20CH	301.542	0.852	350.623	1.151	0.03191	2.90525	10 X
K07V55K	17.1	0.15	K20CH	208.054	211.529	237.726	10.194	0.06619	2.91579	7 X
K07VX4T	19.4	0.15	K20CH	257.609	154.975	242.267	3.942	0.26701	2.33273	3 X
K07VY4S	17.6	0.15	K20CH	199.381	241.534	227.427	11.114	0.14573	2.85219	5 X
K07VY6S	18.3	0.15	K20CH	258.318	25.494	353.496	7.272	0.11808	2.29836	6 X
K07VY7B	17.3	0.15	K20CH	220.708	178.908	266.092	17.864	0.06693	2.35961	6 X
K07Vb8Z	17.7	0.15	K2175	331.021	138.916	226.920	1.138	0.08894	2.84078	7 V
K07W66C	18.5	0.15	K20CH	295.903	204.886	111.305	2.376	0.27208	2.34667	6 X
K07W66N	18.8	0.15	K20CH	220.190	43.189	36.840	3.209	0.14340	2.34192	5 X
K07W70M	17.4	0.15	K20CH	203.175	253.782	201.820	10.860	0.08728	2.90338	6 X
K07W70R	18.4	0.15	K20CH	206.219	150.190	282.169	5.966	0.06439	2.35936	7 X
K07Y28S	17.3	0.15	K20CH	177.204	209.569	275.639	6.303	0.14632	2.94587	6 X
K07Y76J	17.1	0.15	K20CH	296.997	91.442	270.190	13.622	0.28256	2.85381	3 X
K08A17S	16.8	0.15	K20CH	233.260	117.173	303.634	11.597	0.04187	3.01561	7 X
K08AD2Y	17.0	0.15	K20CH	333.125	33.411	308.177	16.391	0.16416	2.94910	4 X
K08AE1K	16.6	0.15	K20CH	198.525	174.596	286.311	11.708	0.06896	3.02423	7 X
K08CF1D	16.9	0.15	K20CH	201.290	131.679	327.465	8.377	0.04679	3.05957	7 X
K08CM4J	16.8	0.15	K20CH	305.520	52.183	298.553	8.484	0.05045	3.04932	7 X
K08CN6H	17.0	0.15	K20CH	2.975	15.615	290.197	7.599	0.08077	3.00904	8 X
K08CN9C	17.1	0.15	K20CH	46.044	277.061	338.513	7.401	0.10708	3.02917	8 X
K08CN9U	16.5	0.15	K20CH	7.635	91.090	172.892	25.819	0.20346	3.20948	5 X
K08EH3W	18.0	0.15	K20CH	224.953	209.506	218.027	5.421	0.19234	2.41824	7 X
K08EH4O	16.5	0.15	K20CH	279.411	41.139	354.074	15.654	0.06198	3.06795	8 X
K08EI8W	16.7	0.15	K20CH	328.966	346.789	333.363	16.583	0.20744	3.12682	5 X
K08F32S	16.7	0.15	K20CH	8.926	116.485	173.386	22.991	0.11847	3.10881	8 X
K08G16B	17.1	0.15	K20CH	247.347	225.178	193.030	9.847	0.05671	3.11729	11 X
K08G58B	17.2	0.15	K2175	138.611	57.023	188.796	7.561	0.06540	3.03236	4 V
K08GC5U	18.0	0.15	K20CH	5.614	39.522	219.533	11.855	0.09280	2.53543	7 X
K08H67O	18.3	0.15	K20CH	352.322	51.205	221.058	9.004	0.17544	2.57444	5 X
K08H74P	16.8	0.15	K20CH	161.614	288.700	197.307	26.157	0.17526	3.14488	6 X
K08H77A	16.8	0.15	K20CH	63.371	24.139	197.774	10.517	0.09928	3.18144	9 X
K08H78W	16.3	0.15	K20CH	10.014	238.446	46.722	13.032	0.08761	3.22008	9 X
K08K23X	16.3	0.15	K20CH	132.324	322.863	203.530	9.746	0.07746	3.21513	8 X
K08K29C	17.3	0.15	K20CH	314.719	188.024	129.431	13.310	0.20407	2.58003	9 X
K08L15T	17.1	0.15	K20CH	3.366	17.160	257.710	10.751	0.04456	2.61329	9 X
K08N05J	16.9	0.15	K20CH	270.489	163.329	229.673	13.368	0.25033	2.66468	6 X
K08O26K	17.4	0.15	K20CH	260.946	205.483	202.221	14.326	0.09181	2.60700	7 X
K08P00N	17.2	0.15	K20CH	342.537	3.997	285.593	13.020	0.14941	2.63486	9 X
K08P16P	18.6	0.15	K20CH	302.956	204.563	136.875	14.022	0.30206	2.63834	2 X
K08P22U	19.0	0.15	K20CH	308.562	33.017	269.083	4.714	0.21087	2.18509	6 X
K08Q00S	17.4	0.15	K20CH	354.410	58.401	191.891	16.609	0.31375	2.65809	6 X
K08Q31G	17.2	0.15	K20CH	303.396	9.381	328.100	13.631	0.26528	2.66244	5 X
K08Q49K	18.7	0.15	K20CH	272.284	327.589	354.896	19.847	0.06406	1.89393	6 X
K08R06D	17.6	0.15	K20CH	326.953	351.646	287.549	12.888	0.22743	2.67198	6 X
K08R13P	17.7	0.15	K20CH	265.091	82.383	300.319	5.123	0.07244	2.67966	8 X
K08R13V	19.1	0.15	K20CH	249.107	148.297	250.057	3.582	0.13541	2.19070	6 X
K08R14A	19.4	0.15	K20CH	278.570	21.055	326.485	7.628	0.11959	2.20097	2 X
K08R25B	17.9	0.15	K20CH	335.929	121.724	174.046	12.497	0.26654	2.63764	5 X
K08R34N	18.9	0.15	K20CH	300.823	345.897	338.771	4.294	0.17285	2.19313	4 X
K08R36Y	18.6	0.15	K20CH	16.493	253.992	345.058	7.412	0.10517	2.20268	5 X
K08R37J	18.7	0.15	K2175	339.025	21.584	347.307	5.109	0.18445	2.65328	3 V
K08R94Z	18.9	0.15	K20CH	260.199	51.960	332.109	5.654	0.15166	2.18136	5 X
K08RF0A	17.7	0.15	K20CH	243.178	176.892	230.888	5.315	0.04326	2.68920	8 X

K08RF0P	17.7	0.15	K20CH	245.708	100.469	318.932	3.833	0.16867	2.66801	7	X
K08RF4B	17.7	0.15	K20CH	272.129	187.751	192.248	5.437	0.16808	2.66124	3	X
K08RGOW	17.5	0.15	K20CH	308.954	355.991	334.541	14.880	0.14612	2.66329	3	X
K08RH4J	14.0	0.15	K20CH	300.461	76.087	350.410	34.385	0.04536	5.28143	7	X
K08RH8R	18.7	0.15	K20CH	168.441	145.778	313.724	3.609	0.06089	2.21018	8	X
K08RH9F	18.2	0.15	K20CH	311.095	16.387	310.682	10.045	0.12923	2.65942	3	X
K08RH9N	18.3	0.15	K20CH	328.593	116.476	180.172	7.083	0.24900	2.67185	3	X
K08RIOM	14.4	0.15	K2175	16.107	198.539	171.015	6.933	0.02595	5.15208	7	V
K08S01N	19.5	0.15	K2175	341.655	84.545	279.075	6.052	0.51455	2.65811	3	X
K08S16J	17.4	0.15	K20CH	248.520	92.094	330.280	10.119	0.11561	2.62478	6	X
K08S24U	17.9	0.15	K20CH	280.055	227.208	154.636	3.094	0.11349	2.65988	10	X
K08S51K	19.1	0.15	K20CH	305.006	282.570	4.049	5.731	0.29601	2.21176	3	X
K08S64P	17.2	0.15	K20CH	299.801	148.164	195.271	14.000	0.29791	2.65654	6	X
K08S80K	18.5	0.15	K20CH	286.885	55.470	313.556	10.051	0.21861	2.67304	2	X
K08SA9H	19.6	0.15	K20CH	286.783	7.179	326.068	3.394	0.14848	2.19762	2	X
K08SD3V	14.4	0.15	K20CH	301.498	86.950	325.962	11.172	0.11145	5.25751	6	X
K08SG9X	17.9	0.15	K20CH	345.149	300.234	348.564	12.183	0.26241	2.64868	5	X
K08SH0K	19.1	0.15	K20CH	267.546	166.194	206.722	4.875	0.20114	2.19198	5	X
K08SK3N	18.0	0.15	K20CH	299.080	164.098	195.614	18.059	0.30615	2.67348	4	X
K08SL2F	18.2	0.15	K20CH	314.742	85.846	238.298	11.779	0.20630	2.66689	4	X
K08SM5W	18.0	0.15	K20CH	289.787	342.527	28.421	4.160	0.09688	2.68830	5	X
K08SM9B	18.8	0.15	K20CH	330.921	327.752	322.545	4.971	0.17320	2.19412	7	X
K08SS0B	19.4	0.15	K20CH	244.897	141.939	247.637	2.522	0.15294	2.21104	5	X
K08SS7K	18.0	0.15	K20CH	344.062	51.205	244.869	4.566	0.24625	2.67449	6	X
K08SV7J	17.7	0.15	K20CH	273.487	165.674	198.845	12.778	0.18011	2.71014	5	X
K08SV8F	17.4	0.15	K20CH	239.792	91.555	327.098	11.924	0.22407	2.70687	6	X
K08SV9J	18.0	0.15	K20CH	236.957	168.767	258.980	7.762	0.19792	2.71208	4	X
K08SW2B	17.4	0.15	K20CH	231.026	71.405	351.629	12.649	0.15824	2.67937	5	X
K08SX2P	14.5	0.15	K20CH	311.104	112.079	288.648	3.084	0.05394	5.22479	9	X
K08SX6B	17.8	0.15	K20CH	296.054	292.033	50.199	4.296	0.16560	2.69467	4	X
K08SX9V	18.2	0.15	K20CH	292.417	106.160	264.943	3.387	0.15588	2.67893	4	X
K08SY6F	19.5	0.15	K20CH	271.724	167.308	188.831	3.821	0.22137	2.19914	3	X
K08SZ0P	17.8	0.15	K20CH	294.017	98.864	269.623	4.132	0.08186	2.66697	5	X
K08SZ1X	19.6	0.15	K20CH	296.774	60.330	263.319	3.934	0.28074	2.20098	2	X
K08SZ3G	19.9	0.15	K2175	337.480	351.016	358.991	21.431	0.05328	1.88999	2	V
K08T07Y	17.3	0.15	K20CH	302.711	317.732	21.422	14.885	0.23956	2.67688	6	X
K08T24M	17.7	0.15	K20CH	324.867	303.013	9.793	12.863	0.26672	2.66801	4	X
K08T31R	17.9	0.15	K20CH	272.002	196.037	197.397	6.991	0.24111	2.68735	3	X
K08T37R	18.9	0.15	K20CH	218.660	205.756	211.367	4.732	0.12644	2.21286	5	X
K08T40W	17.6	0.15	K20CH	355.235	307.015	344.926	12.529	0.17662	2.66942	7	X
K08T45D	17.8	0.15	K20CH	274.620	168.135	213.863	11.727	0.16362	2.70702	4	X
K08T97M	17.9	0.15	K20CH	294.647	45.125	309.968	4.867	0.11889	2.68145	5	X
K08T99T	17.9	0.15	K20CH	333.439	116.480	183.433	4.440	0.11354	2.70119	8	X
K08TA4E	17.4	0.15	K20CH	298.715	12.187	349.363	13.604	0.25142	2.65408	3	X
K08TB6W	18.6	0.15	K20CH	287.887	15.149	347.059	9.886	0.39373	2.67837	2	X
K08TE2Y	17.4	0.15	K20CH	175.309	79.277	24.363	4.797	0.02458	2.71323	10	X
K08TI7N	17.3	0.15	K20CH	244.469	256.208	171.708	17.157	0.26723	2.69722	5	X
K08TJ9T	18.0	0.15	K20CH	271.659	200.279	185.229	11.837	0.15965	2.68919	4	X
K08TK0N	18.1	0.15	K20CH	266.292	184.675	214.236	13.112	0.25018	2.67563	3	X
K08TL9G	17.6	0.15	K20CH	300.819	29.738	334.936	5.213	0.06370	2.68163	9	X
K08TM8Y	18.8	0.15	K20CH	299.984	119.807	218.972	9.142	0.09077	2.21172	5	X
K08TN0E	19.2	0.15	K20CH	291.911	172.908	149.690	7.684	0.15072	2.22015	5	X
K08TN0N	18.3	0.15	K20CH	302.457	142.043	199.137	4.068	0.17864	2.69002	4	X
K08U44G	17.7	0.15	K20CH	288.332	134.491	219.659	5.627	0.05211	2.71284	6	X
K08U47D	17.3	0.15	K20CH	340.951	68.747	254.458	5.478	0.05862	2.71349	10	X
K08U82D	19.0	0.15	K20CH	254.855	2.457	12.633	4.721	0.17450	2.22675	5	X
K08UA4E	18.8	0.15	K20CH	296.046	107.495	224.264	4.401	0.02442	2.22280	10	X
K08UB2F	19.0	0.15	K20CH	287.293	92.681	257.949	4.150	0.09621	2.21284	5	X
K08UB4U	17.6	0.15	K20CH	248.090	171.909	237.900	16.948	0.13401	2.72339	4	X
K08UD8S	17.7	0.15	K20CH	346.176	60.663	215.490	4.895	0.19310	2.22455	10	X
K08UF1J	18.1	0.15	K20CH	296.709	129.346	224.280	3.420	0.28288	2.69830	6	X
K08UG1U	18.3	0.15	K20CH	312.182	303.304	8.041	9.290	0.25965	2.69405	3	X
K08UK9K	17.9	0.15	K20CH	222.383	209.965	236.413	4.634	0.03045	2.69620	7	X
K08UN7E	18.3	0.15	K20CH	153.802	222.363	254.628	6.866	0.05938	2.24248	7	X
K08UT3M	17.2	0.15	K20CH	123.323	281.068	241.866	10.950	0.11822	2.76942	10	X
K08UU6U	17.1	0.15	K20CH	278.380	356.796	10.925	9.678	0.18031	2.72535	5	X
K08UV1P	17.3	0.15	K20CH	249.472	160.758	260.162	13.747	0.21842	2.72007	3	X
K08UV8R	17.7	0.15	K20CH	217.448	146.826	286.009	5.810	0.00797	2.72631	7	X
K08UW2W	17.6	0.15	K20CH	259.104	83.955	304.540	5.088	0.03261	2.71687	8	X
K08Ua5P	17.7	0.15	K20CH	299.491	135.759	214.987	8.908	0.22390	2.69137	4	X
K08Uc4T	17.5	0.15	K20CH	318.254	63.057	260.428	10.826	0.11264	2.70507	6	X
K08Uc5B	18.9	0.15	K20CH	187.412	35.709	52.465	22.024	0.08226	1.90071	5	X
K08Uc5T	17.8	0.15	K20CH	299.336	65.974	285.022	4.808	0.05596	2.74099	5	X
K08Uc6E	18.2	0.15	K20CH	249.783	171.756	236.872	16.531	0.18816	2.74009	3	X
K08Ud2D	17.3	0.15	K20CH	80.847	280.612	278.458	4.847	0.13800	2.75817	8	X
K08Ud3S	17.2	0.15	K20CH	342.753	11.443	267.058	7.772	0.22760	2.71277	7	X
K08Uf5F	18.7	0.15	K2175	346.520	60.757	277.522	3.755	0.14299	2.21771	6	V
K08Uf7H	18.3	0.15	K20CH	265.554	144.533	262.825	6.063	0.30722	2.68769	3	X
K08Uf7P	16.7	0.15	K2175	56.155	115.191	219.401	8.915	0.09505	3.42207	3	V
K08Uf7Q	18.2	0.15	K2175	315.331	199.700	203.099	4.621	0.12200	2.70082	3	V
K08V06A	18.7	0.15	K20CH	275.489	37.522	327.699	7.007	0.13734	2.20737	5	X
K08V15D	18.0	0.15	K20CH	285.874	146.255	220.346	10.233	0.17303	2.70125	5	X
K08V36F	19.6	0.15	K2175	318.468	195.760	190.832	5.083	0.18485	2.21425	2	V
K08V83L	16.9	0.15	K20CH	298.482	92.763	259.602	5.051	0.04991	2.76892	9	X
K08V83X	17.4	0.15	K20CH	212.367	117.723	347.627	11.524	0.12420	2.69464	9	X
K08V87O	18.4	0.15	K20CH	253.890	172.486	243.995	13.063	0.23693	2.69927	3	X
K08V90L	17.5	0.15	K20CH	145.168	244.595	258.537	10.196	0.08308	2.71200	8	X
K08VA4L	17.5	0.15	K20CH	288.208	288.597	103.948	13.777	0.27229	2.66401	4	X
K08W23Y	17.7	0.15	K20CH	251.962	170.807	241.651	12.566	0.15920	2.72287	4	X
K08W63Z	16.8	0.15	K20CH	289.853	89.451	315.666	7.935	0.31791	3.60648	3	X
K08W77C	17.9	0.15	K20CH	270.943	197.478	200.727	3.335	0.26448	2.70805	4	X
K08W93P	17.5	0.15	K20CH	265.770	133.785	271.756	8.295	0.26277	2.71291	2	X
K08WA6S	18.5	0.15	K20CH	288.096	319.258	52.757	11.137	0.30552	2.69605	2	X

K08WB9R	18.6	0.15	K20CH	292.337	86.243	253.357	6.877	0.19877	2.22836	5 X
K08WE0M	18.5	0.15	K20CH	248.060	179.554	210.095	7.658	0.17501	2.22685	5 X
K08WF7K	18.6	0.15	K20CH	332.508	58.633	238.549	6.287	0.15547	2.22579	6 X
K08WGV3	19.2	0.15	K20CH	249.156	179.235	207.882	6.047	0.12020	2.23572	6 X
K08X17H	18.1	0.15	K20CH	268.448	158.429	227.768	5.700	0.10539	2.75474	3 X
K08X44K	19.4	0.15	K20CH	281.993	23.669	334.988	5.116	0.20353	2.21163	4 X
K08Y04C	18.2	0.15	K20CH	297.303	48.875	293.592	3.345	0.10281	2.27733	9 X
K08Y20P	17.8	0.15	K20CH	204.958	174.085	292.251	7.081	0.17263	2.80944	6 X
K08Y27T	16.5	0.15	K20CH	208.874	35.743	78.566	15.468	0.06841	2.73397	10 X
K08Y51T	19.2	0.15	K20CH	128.799	189.571	296.859	16.894	0.09280	1.95099	5 X
K08Y95L	17.1	0.15	K20CH	248.165	127.009	289.378	9.919	0.16910	2.78354	6 X
K08Y98R	17.2	0.15	K20CH	348.241	57.875	241.625	1.041	0.04959	2.85175	11 X
K08YJ0U	17.5	0.15	K20CH	67.196	272.175	308.852	8.091	0.07247	2.85869	4 X
K09A43K	17.4	0.15	K20CH	268.446	301.671	121.401	13.874	0.19608	2.73542	4 X
K09A54K	18.6	0.15	K20CH	260.518	247.748	133.718	10.209	0.17214	2.25301	5 X
K09A59W	17.6	0.15	K20CH	256.558	203.044	217.348	3.074	0.08373	2.76894	7 X
K09B70J	17.0	0.15	K20CH	222.661	2.064	109.109	14.462	0.12365	2.76270	8 X
K09B79J	16.7	0.15	K20CH	260.681	90.926	310.983	12.404	0.16518	2.77843	7 X
K09BB7R	18.1	0.15	K20CH	205.874	119.052	328.013	23.312	0.22006	2.26942	3 X
K09BC2M	18.2	0.15	K20CH	354.746	272.624	320.595	19.291	0.10442	1.99811	4 X
K09BJ5N	17.2	0.15	K20CH	224.201	206.903	243.313	6.816	0.18775	2.80388	6 X
K09C05M	18.7	0.15	K20CH	30.351	260.226	313.012	16.939	0.06106	1.97141	4 X
K09C18M	18.7	0.15	K20CH	216.178	160.046	268.368	4.553	0.16663	2.27880	5 X
K09C71L	16.5	0.15	K20CH	1.818	132.579	147.294	19.093	0.19859	2.99835	10 X
K09D55H	16.2	0.15	K20CH	2.437	279.617	352.517	11.320	0.10149	2.99512	8 X
K09DF8X	17.0	0.15	K20CH	241.651	65.418	348.820	16.928	0.16322	2.88734	5 X
K09F80R	16.2	0.15	K20CH	49.826	193.328	48.812	12.472	0.06379	2.97224	7 X
K09F89N	17.1	0.15	K20CH	72.235	357.960	212.892	5.496	0.15519	3.02237	5 X
K09F90V	18.8	0.15	K20CH	163.300	283.176	178.406	22.552	0.11134	1.96892	5 X
K09HC1Q	18.1	0.15	K20CH	36.348	92.934	144.532	7.608	0.12066	2.39424	8 X
K09HC2Y	16.7	0.15	K20CH	348.917	78.029	215.292	13.354	0.13659	3.11697	9 X
K09K42M	17.0	0.15	K20CH	238.190	228.497	198.527	10.966	0.12016	3.05811	7 X
K09P13M	15.9	0.15	K20CH	105.901	256.435	299.995	14.796	0.03202	3.20774	9 X
K09Q77D	16.5	0.15	K20CH	313.147	217.802	142.941	7.793	0.05576	3.24580	9 X
K09S32P	18.7	0.15	K20CH	312.961	107.837	218.741	5.675	0.26997	2.52776	5 X
K09SH8G	17.2	0.15	K20CH	296.273	106.525	214.254	8.679	0.13931	2.54807	11 X
K09Sb8A	18.7	0.15	K20CH	300.808	309.761	37.349	5.057	0.14582	2.52626	4 X
K09Sb8W	18.4	0.15	K20CH	252.878	224.688	205.318	12.993	0.24151	2.54235	4 X
K09Sf9D	16.7	0.15	K20CH	244.540	140.310	290.725	7.216	0.12096	3.42151	6 X
K09Sf9F	14.7	0.15	K2175	335.197	201.608	192.864	31.494	0.10176	5.22461	3 V
K09T28J	18.3	0.15	K20CH	242.479	180.622	231.945	0.557	0.14963	2.52893	9 X
K09UG7F	18.9	0.15	K20CH	272.487	203.099	186.416	7.648	0.31608	2.54607	4 X
K09V79A	17.8	0.15	K20CH	245.861	103.051	309.659	8.525	0.19965	2.57265	4 X
K09VB9L	19.0	0.15	K20CH	255.512	33.482	32.084	5.230	0.29712	2.54591	5 X
K09VC2B	18.6	0.15	K20CH	295.346	120.462	224.743	13.190	0.20301	2.56603	5 X
K09W26K	18.3	0.15	K20CH	259.093	160.278	245.816	6.722	0.29700	2.56913	4 X
K09W30U	17.8	0.15	K20CH	287.016	119.814	242.258	8.186	0.11042	2.59515	8 X
K09WA8O	17.6	0.15	K20CH	339.095	115.371	181.344	3.789	0.10215	2.60166	14 X
K09WC9E	17.0	0.15	K20CH	14.813	5.167	241.116	13.036	0.24214	2.64119	7 X
K09WP1K	17.3	0.15	K20CH	258.890	178.840	217.671	8.867	0.12570	2.59782	9 X
K09WR1E	17.2	0.15	K20CH	246.693	240.302	167.643	9.719	0.20080	2.58994	9 X
K09WR2K	17.9	0.15	K20CH	321.571	80.460	225.503	3.559	0.20788	2.60057	7 X
K09X28E	19.3	0.15	K20CH	264.215	59.317	302.139	2.590	0.14123	2.11977	5 X
K10A10V	18.0	0.15	K20CH	243.889	14.945	49.444	4.597	0.13579	2.61959	6 X
K10A46P	18.2	0.15	K20CH	222.052	148.668	292.527	12.621	0.20546	2.64087	3 X
K10A61V	16.9	0.15	K20CH	215.898	155.151	305.440	13.610	0.22910	2.64606	5 X
K10A76O	16.9	0.15	K20CH	154.982	188.380	317.337	13.432	0.18340	2.68076	10 X
K10AB4A	18.1	0.15	K20CH	250.549	144.341	265.076	11.296	0.18341	2.54923	4 X
K10AE2H	17.7	0.15	K20CH	250.150	93.995	308.795	13.955	0.12271	2.65204	5 X
K10AE3L	17.6	0.15	K20CH	209.508	171.477	284.957	13.110	0.21487	2.64921	6 X
K10AF4S	17.7	0.15	K20CH	287.914	115.171	249.682	6.778	0.14710	2.63672	6 X
K10AF7X	17.5	0.15	K20CH	257.578	122.073	279.372	11.406	0.20463	2.63259	6 X
K10AF8L	17.1	0.15	K20CH	320.242	18.523	300.305	14.504	0.12922	2.67448	8 X
K10AF8V	17.5	0.15	K20CH	294.747	29.280	323.225	11.430	0.16150	2.67129	6 X
K10AF8Y	17.5	0.15	K20CH	301.137	26.304	323.003	13.226	0.01248	2.69809	5 X
K10B05E	17.4	0.15	K20CH	196.573	344.598	131.072	5.233	0.14081	2.66397	8 X
K10B23A	17.6	0.15	K20CH	280.185	71.625	293.254	9.518	0.14382	2.55810	7 X
K10C26T	17.1	0.15	K20CH	58.445	92.364	140.242	6.564	0.10289	2.73843	12 X
K10C86B	18.0	0.15	K20CH	222.168	131.158	307.241	4.186	0.01164	2.68346	6 X
K10CB8U	18.6	0.15	K20CH	24.271	332.683	274.002	4.236	0.09824	2.19014	7 X
K10CE3B	16.5	0.15	K20CH	228.776	354.154	107.573	16.902	0.10439	2.62607	13 X
K10CI2M	17.0	0.15	K20CH	352.922	320.861	331.238	10.884	0.00515	2.76465	10 X
K10CO0E	18.4	0.15	K20CH	265.625	61.544	328.069	6.911	0.19805	2.56220	4 X
K10CR1E	17.5	0.15	K20CH	242.680	116.980	330.208	12.493	0.24985	2.63540	5 X
K10D50V	17.3	0.15	K20CH	59.688	316.072	262.228	12.008	0.09986	2.92491	6 X
K10D66Z	17.6	0.15	K20CH	284.032	70.886	318.026	14.624	0.21518	2.54925	3 X
K10D98U	17.6	0.15	K20CH	343.911	100.973	187.105	26.322	0.21307	3.00116	4 X
K10E62G	17.5	0.15	K20CH	240.092	92.667	352.450	26.311	0.24395	2.57236	4 X
K10EG2J	18.4	0.15	K20CH	271.778	226.250	171.476	11.658	0.26536	2.55730	4 X
K10F52F	17.1	0.15	K20CH	224.167	139.253	299.896	13.451	0.11347	2.63072	6 X
K10G18T	17.7	0.15	K20CH	218.640	249.241	205.852	8.131	0.15527	2.62270	6 X
K10G79K	17.1	0.15	K20CH	351.842	79.150	209.598	14.729	0.12615	3.03415	7 X
K10G89V	16.0	0.15	K20CH	17.065	332.411	289.721	8.462	0.11486	3.02356	10 X
K10GB8P	17.4	0.15	K20CH	231.367	236.700	186.060	5.014	0.04206	2.82141	11 X
K10GD6F	17.9	0.15	K20CH	312.011	199.431	113.310	3.839	0.20802	2.29316	11 X
K10GJ8Z	16.5	0.15	K20CH	333.137	240.787	98.513	15.900	0.16031	2.86636	8 X
K10H05G	16.9	0.15	K20CH	43.728	280.194	336.549	8.711	0.09796	2.97176	5 X
K10H12F	17.3	0.15	K20CH	105.502	251.423	286.079	8.333	0.15113	2.74382	4 X
K10H30L	17.4	0.15	K20CH	248.251	124.521	302.225	10.153	0.27380	2.60685	5 X
K10H57A	16.6	0.15	K20CH	322.282	42.116	286.582	8.419	0.25550	3.07584	6 X
K10H69U	16.5	0.15	K20CH	323.725	98.049	227.853	15.094	0.15805	3.06870	7 X
K10H73C	17.1	0.15	K20CH	356.905	61.136	231.436	14.668	0.13394	3.04240	6 X
K10H86K	17.3	0.15	K20CH	206.198	145.735	307.298	11.007	0.14805	2.67669	4 X

K10H88E	16.4	0.15	K20CH	357.809	315.415	334.509	5.795	0.10525	3.04841	10	X
K10H95T	17.1	0.15	K20CH	315.798	86.162	270.263	14.400	0.34316	3.07169	3	X
K10HC5C	18.5	0.15	K20CH	334.855	320.871	312.859	11.355	0.22097	2.35939	4	X
K10J62E	16.5	0.15	K20CH	19.487	312.817	311.359	16.115	0.15813	3.04654	5	X
K10J92K	16.2	0.15	K20CH	305.686	91.976	275.334	7.745	0.16130	3.05194	10	X
K10J92Q	17.2	0.15	K20CH	341.347	332.474	334.942	1.782	0.11441	3.07197	6	X
K10J97Z	16.8	0.15	K20CH	314.686	283.173	78.046	15.357	0.27848	3.06592	5	X
K10JG7K	17.0	0.15	K20CH	213.497	268.684	177.659	7.394	0.05349	2.86471	11	X
K10K01M	16.4	0.15	K20CH	207.225	159.954	292.271	12.879	0.14070	2.70116	10	X
K10K07S	16.8	0.15	K20CH	328.978	137.206	180.461	16.081	0.11596	3.09308	8	X
K10K23P	16.7	0.15	K20CH	304.282	343.515	22.175	9.510	0.09820	3.05860	8	X
K10K32R	17.1	0.15	K20CH	303.040	145.313	192.565	17.042	0.21515	3.13790	5	X
K10K41X	16.2	0.15	K20CH	262.484	13.730	28.177	5.671	0.17629	3.11726	13	X
K10K51Z	17.0	0.15	K20CH	29.029	71.789	184.321	9.426	0.09616	3.08566	8	X
K10K91U	16.8	0.15	K20CH	29.849	176.743	92.002	3.807	0.08695	3.06495	6	X
K10KA8K	16.3	0.15	K20CH	22.226	276.565	327.291	25.380	0.17398	3.12675	8	X
K10KB4E	16.7	0.15	K20CH	320.217	173.654	170.547	17.347	0.19258	3.09196	8	X
K10KC1B	16.9	0.15	K20CH	309.539	78.646	270.265	5.922	0.20553	3.12022	6	X
K10KC1X	16.7	0.15	K20CH	333.447	14.192	298.000	11.028	0.21783	3.11602	5	X
K10KE0S	17.8	0.15	K20CH	354.657	279.712	341.680	22.665	0.18134	2.35800	4	X
K10KE3F	16.7	0.15	K20CH	321.036	359.169	348.977	12.684	0.15689	3.06679	4	X
K10KF5B	16.7	0.15	K20CH	288.094	106.740	287.758	7.713	0.14260	3.07636	6	X
K10L17C	17.4	0.15	K20CH	313.317	127.682	219.252	9.418	0.23838	3.11749	5	X
K10L28Q	16.9	0.15	K20CH	338.821	0.778	313.052	12.962	0.18409	3.10369	6	X
K10L34A	17.8	0.15	K20CH	330.234	60.334	235.692	23.719	0.26609	2.31381	5	X
K10L38C	18.6	0.15	K20CH	288.757	86.726	246.942	8.852	0.28425	2.39593	4	X
K10L38G	16.1	0.15	K20CH	290.894	48.088	326.392	26.304	0.12606	3.11700	6	X
K10L40B	17.2	0.15	K20CH	355.067	60.556	227.605	2.983	0.17907	3.11202	4	X
K10L48B	16.3	0.15	K20CH	222.356	268.024	200.686	8.870	0.11368	3.04620	12	X
K10L90Y	17.1	0.15	K20CH	287.417	48.552	335.221	9.109	0.24790	3.14190	4	X
K10L91U	17.5	0.15	K20CH	281.765	145.922	241.462	9.242	0.22009	3.14607	4	X
K10L93U	16.9	0.15	K20CH	333.774	199.563	117.810	11.848	0.21297	3.12025	6	X
K10LB6A	17.2	0.15	K20CH	345.924	8.130	292.694	0.254	0.14647	3.13129	5	X
K10LC0Q	16.5	0.15	K20CH	240.048	235.364	179.365	9.712	0.08059	3.17261	7	X
K10LC4G	16.6	0.15	K20CH	300.255	27.412	331.285	10.259	0.24767	3.14982	5	X
K10LC6J	16.6	0.15	K20CH	344.345	334.077	324.873	9.562	0.20542	3.12864	5	X
K10LC7H	16.2	0.15	K20CH	290.017	184.959	172.985	28.093	0.15389	3.16983	5	X
K10LDOZ	15.7	0.15	K20CH	356.044	292.707	4.352	25.926	0.24435	3.08269	7	X
K10LD6H	16.9	0.15	K20CH	309.576	19.135	342.025	9.557	0.11600	3.08609	7	X
K10M09U	16.6	0.15	K20CH	289.643	192.157	183.134	18.379	0.13552	3.13736	6	X
K10M12N	16.1	0.15	K20CH	276.173	136.237	287.028	15.902	0.13643	3.06128	9	X
K10M31E	16.8	0.15	K20CH	325.702	142.357	182.081	14.852	0.19993	3.14192	4	X
K10M39R	16.6	0.15	K20CH	328.851	191.358	135.925	16.130	0.19388	3.13392	9	X
K10M47D	17.3	0.15	K20CH	315.967	158.964	167.524	10.743	0.23243	3.16956	2	X
K10M60G	17.5	0.15	K20CH	333.427	133.622	177.890	10.491	0.24536	3.14275	4	X
K10M64Q	16.9	0.15	K20CH	344.328	66.900	220.493	12.878	0.26342	3.15389	7	X
K10M64R	16.9	0.15	K20CH	320.811	34.950	297.648	15.824	0.23092	3.14822	6	X
K10M66F	16.7	0.15	K20CH	343.587	112.013	169.780	13.718	0.28222	3.16498	6	X
K10M69E	17.0	0.15	K20CH	325.539	0.411	319.023	15.423	0.25945	3.15381	3	X
K10M73Q	17.4	0.15	K20CH	317.136	272.301	90.307	12.399	0.29876	3.10953	5	X
K10M95L	16.6	0.15	K20CH	25.077	91.839	153.303	16.769	0.11193	3.22214	8	X
K10MA1U	17.7	0.15	K20CH	287.862	66.184	320.803	8.713	0.23858	3.15967	4	X
K10MCOM	17.3	0.15	K20CH	12.658	316.958	283.848	5.596	0.40484	3.10352	5	X
K10N22Y	16.9	0.15	K20CH	285.007	69.065	339.573	8.941	0.22014	3.13055	6	X
K10N24K	16.8	0.15	K20CH	320.458	81.002	248.168	12.005	0.31732	3.15198	6	X
K10N39W	15.2	0.15	K20CH	154.664	216.646	297.553	11.748	0.18096	3.19687	9	X
K10N54X	16.0	0.15	K20CH	219.220	286.588	174.740	25.772	0.23326	3.21404	8	X
K10N57L	16.3	0.15	K20CH	352.537	284.204	340.946	24.007	0.37638	3.17792	5	X
K10N72J	16.5	0.15	K20CH	347.625	13.122	290.882	17.866	0.11539	3.19021	6	X
K10N76B	18.0	0.15	K20CH	270.389	46.252	332.966	4.310	0.25094	2.40162	9	X
K10N97P	16.3	0.15	K20CH	204.549	187.593	297.329	9.777	0.12037	3.13505	7	X
K10NA4Z	16.7	0.15	K20CH	316.400	159.172	193.994	27.595	0.18137	3.14231	5	X
K10NA6P	17.7	0.15	K20CH	322.057	96.967	228.268	12.015	0.30676	3.16216	2	X
K10NA9H	16.5	0.15	K20CH	294.656	131.668	272.626	16.989	0.22335	3.11719	6	X
K10NB0P	16.7	0.15	K20CH	278.454	192.781	195.598	8.628	0.11220	3.19076	6	X
K10NB4P	17.4	0.15	K20CH	316.004	143.909	199.399	19.522	0.25676	3.15840	3	X
K10NB5X	16.0	0.15	K20CH	263.854	102.135	316.664	24.553	0.18714	3.18298	5	X
K10NC9D	17.2	0.15	K20CH	268.939	83.386	322.291	14.544	0.12854	3.17283	4	X
K10ND7H	17.6	0.15	K20CH	297.494	58.891	314.689	24.783	0.26572	3.16825	3	X
K10NE7F	16.3	0.15	K20CH	287.532	124.732	249.113	9.518	0.09429	3.05778	8	X
K10O04X	18.2	0.15	K20CH	243.785	272.606	142.998	11.021	0.21574	2.40747	7	X
K10O08R	17.4	0.15	K20CH	351.606	153.316	154.976	6.045	0.14309	3.16083	7	X
K10O11X	17.0	0.15	K20CH	333.930	17.154	297.096	5.680	0.17192	3.19238	5	X
K10O14B	16.5	0.15	K20CH	111.298	230.435	312.624	16.024	0.09318	3.24505	7	X
K10O17Y	17.0	0.15	K20CH	329.329	117.261	197.636	25.454	0.30800	3.16299	3	X
K10O24E	16.4	0.15	K20CH	295.474	175.624	190.473	15.381	0.12815	3.20160	9	X
K10O28H	15.8	0.15	K20CH	198.591	281.501	184.660	16.244	0.04481	3.22194	11	X
K10O34M	19.0	0.15	K20CH	306.222	19.747	289.323	16.292	0.26062	2.41472	2	X
K10O37W	18.6	0.15	K20CH	292.424	14.202	336.789	4.840	0.25899	2.39442	7	X
K10O37X	17.8	0.15	K20CH	259.049	209.266	183.139	12.158	0.24253	2.41072	5	X
K10O47F	16.6	0.15	K20CH	339.758	274.226	28.856	16.455	0.21145	3.19849	7	X
K10O54O	17.5	0.15	K20CH	304.856	141.866	219.692	13.731	0.29798	3.17186	3	X
K10O73J	16.4	0.15	K20CH	336.270	288.312	21.426	25.840	0.23819	3.18917	3	X
K10O75B	16.4	0.15	K20CH	274.182	207.208	191.442	27.718	0.18802	3.20925	8	X
K10O77P	16.8	0.15	K20CH	259.293	161.573	260.534	11.690	0.22190	3.22007	3	X
K10O82J	15.5	0.15	K20CH	103.453	256.205	298.886	16.530	0.09357	3.25032	8	X
K10OB6L	19.0	0.15	K20CH	286.543	130.042	231.164	5.032	0.27085	2.39812	2	X
K10OB9D	16.3	0.15	K20CH	233.388	47.094	63.871	27.685	0.15876	3.13898	6	X
K10P08Q	18.2	0.15	K20CH	300.935	48.825	274.794	4.100	0.25544	2.35753	6	X
K10P66Y	16.2	0.15	K20CH	282.864	203.804	202.082	26.495	0.13819	3.18013	6	X
K10P68E	16.8	0.15	K20CH	288.143	310.539	101.677	16.797	0.21606	3.15456	5	X
K10P79M	16.6	0.15	K20CH	304.888	25.737	326.221	9.280	0.05957	3.08240	9	X
K10P79V	16.8	0.15	K20CH	286.089	226.352	164.573	16.554	0.12946	3.09226	9	X

K10P80F	16.6	0.15	K20CH	254.981	244.623	169.802	4.313	0.24706	3.17857	6 X
K10P88M	18.6	0.15	K20CH	294.797	140.147	181.120	2.675	0.21452	2.38253	5 X
K10P89Y	18.8	0.15	K20CH	315.966	77.288	224.540	2.453	0.25264	2.37591	3 X
K10P92H	18.0	0.15	K20CH	306.927	40.421	320.216	12.552	0.28627	3.09798	2 X
K10Q02P	18.6	0.15	K20CH	268.738	144.004	232.069	1.595	0.21287	2.37073	4 X
K10R13L	17.3	0.15	K20CH	289.041	54.679	345.980	8.970	0.16791	3.08475	6 X
K10R27F	16.9	0.15	K20CH	292.243	50.526	341.273	10.140	0.09712	3.06781	8 X
K10R58D	16.8	0.15	K20CH	344.126	331.670	333.007	10.470	0.08269	3.15151	6 X
K10R62G	18.3	0.15	K20CH	301.387	80.538	243.620	3.251	0.26367	2.38681	5 X
K10R71Q	16.4	0.15	K20CH	292.688	30.424	349.359	17.429	0.23722	3.13145	6 X
K10R87R	17.1	0.15	K20CH	353.166	331.612	340.212	9.479	0.10730	3.08323	5 X
K10RC4M	18.7	0.15	K20CH	251.273	68.059	335.489	5.185	0.22819	2.39988	2 X
K10RC8U	17.0	0.15	K20CH	212.218	177.166	277.726	7.314	0.10703	3.16117	6 X
K10RC9K	16.7	0.15	K20CH	168.025	243.716	244.924	7.515	0.04135	3.17668	5 X
K10RD3D	18.4	0.15	K20CH	217.705	115.250	317.980	8.281	0.13037	2.39197	7 X
K10RE9Z	18.3	0.15	K20CH	303.064	46.271	277.331	2.223	0.19732	2.38575	5 X
K10RF2Z	18.2	0.15	K20CH	286.782	321.065	16.764	6.888	0.14873	2.40882	6 X
K10RF4E	16.8	0.15	K20CH	271.409	181.636	214.722	10.260	0.09300	3.18065	8 X
K10RG5O	17.5	0.15	K20CH	295.764	21.141	352.090	9.937	0.22798	3.12991	2 X
K10RH9Q	18.1	0.15	K20CH	1.367	347.574	265.087	5.873	0.13518	2.37780	5 X
K10RI1T	16.5	0.15	K20CH	336.050	345.111	328.927	17.136	0.21037	3.11994	6 X
K10RJ1L	17.0	0.15	K20CH	243.038	112.020	311.741	10.447	0.08212	3.09415	7 X
K10RJ7V	16.7	0.15	K20CH	209.875	182.771	264.965	8.314	0.04298	3.15605	8 X
K10RJ8C	16.6	0.15	K20CH	135.594	296.742	228.688	9.077	0.17003	3.17343	8 X
K10RK0O	17.0	0.15	K20CH	241.207	146.590	276.607	8.090	0.05520	3.13714	6 X
K10RK2C	16.8	0.15	K20CH	240.830	205.021	246.209	7.956	0.11071	3.05875	8 X
K10RK2D	16.9	0.15	K20CH	188.214	190.483	286.667	7.309	0.04239	3.13660	7 X
K10RK6M	17.1	0.15	K20CH	294.117	38.095	345.215	12.392	0.12218	3.14338	6 X
K10RL5O	19.3	0.15	K20CH	263.633	68.007	326.657	21.553	0.32214	2.38098	3 X
K10RL5T	18.9	0.15	K20CH	307.847	14.584	300.632	4.180	0.19848	2.38493	2 X
K10RL5Z	16.9	0.15	K20CH	269.701	232.871	172.591	16.523	0.19134	3.14159	7 X
K10RL7J	17.5	0.15	K20CH	340.547	312.076	345.573	12.153	0.27427	3.14995	4 X
K10RL7W	18.4	0.15	K20CH	326.675	115.668	194.140	15.547	0.38648	3.14601	3 X
K10RL8O	17.3	0.15	K20CH	323.981	105.953	227.444	8.813	0.15038	3.13107	3 X
K10S08H	16.9	0.15	K20CH	329.490	143.048	182.680	9.882	0.08872	3.13602	9 X
K10S17P	16.7	0.15	K20CH	319.216	1.174	356.928	10.093	0.12490	3.11114	6 X
K10S20A	18.9	0.15	K20CH	273.343	23.389	346.029	2.505	0.20510	2.39374	4 X
K10S21E	16.8	0.15	K20CH	268.696	44.334	9.928	22.495	0.15140	3.14913	4 X
K10S27M	18.6	0.15	K20CH	223.020	200.182	236.885	1.397	0.20367	2.41088	9 X
K10S35Z	16.3	0.15	K20CH	290.793	104.457	262.806	9.880	0.06777	3.13408	11 X
K10S48X	16.9	0.15	K20CH	256.903	135.393	273.126	9.478	0.08542	3.16551	5 X
K10S49K	16.7	0.15	K20CH	313.588	144.362	214.098	15.998	0.19716	3.13179	5 X
K10S53H	16.4	0.15	K20CH	7.682	20.221	265.162	8.663	0.07544	3.17498	8 X
K10S57Y	16.8	0.15	K20CH	294.144	186.474	180.385	15.366	0.11291	3.13597	9 X
K10S58T	17.0	0.15	K20CH	321.643	146.438	209.598	12.317	0.13672	3.14856	5 X
K10S61Q	16.9	0.15	K20CH	276.984	210.569	196.454	23.061	0.28457	3.15070	3 X
K10S62B	17.2	0.15	K2175	318.521	78.893	303.531	8.100	0.10206	3.15925	3 V
K10T38R	17.2	0.15	K20CH	299.007	176.428	193.168	19.090	0.28052	3.14701	5 X
K10T51N	17.5	0.15	K20CH	282.085	214.283	172.723	17.608	0.23279	3.15495	3 X
K10T58T	15.8	0.15	K20CH	144.960	288.992	221.358	15.693	0.08028	3.24988	8 X
K10T69A	17.9	0.15	K2175	335.830	43.486	327.782	2.594	0.22231	3.14343	4 V
K10T71L	16.5	0.15	K20CH	222.682	255.422	200.058	15.577	0.14256	3.18806	7 X
K10T72M	18.8	0.15	K2175	24.779	290.991	359.257	2.741	0.19637	2.39553	3 V
K10T75O	18.5	0.15	K20CH	316.959	152.782	152.713	1.751	0.19078	2.40297	5 X
K10T82F	19.0	0.15	K20CH	277.850	327.837	355.847	18.080	0.07034	1.97874	5 X
K10T92K	16.7	0.15	K20CH	300.526	174.772	209.681	17.551	0.21980	3.11950	4 X
K10T92U	18.0	0.15	K20CH	275.425	77.316	283.964	5.552	0.15649	2.40095	5 X
K10TB6J	18.2	0.15	K20CH	273.143	350.122	27.778	3.830	0.14209	2.39377	7 X
K10TF5B	18.0	0.15	K20CH	312.124	17.185	304.760	4.289	0.24247	2.37677	5 X
K10TF8N	17.9	0.15	K20CH	299.234	178.363	190.212	15.564	0.27909	3.16035	3 X
K10TG4U	18.4	0.15	K20CH	292.453	54.627	303.089	6.238	0.13982	2.37678	7 X
K10TG4Y	18.3	0.15	K20CH	297.190	22.126	324.111	7.011	0.18603	2.38004	5 X
K10TJ7J	16.5	0.15	K20CH	16.763	13.735	265.768	8.794	0.05892	3.17663	8 X
K10TJ7V	16.7	0.15	K20CH	225.672	147.265	296.040	9.239	0.08970	3.18306	7 X
K10TJ8W	16.5	0.15	K20CH	326.040	206.663	148.821	17.687	0.12348	3.08171	6 X
K10TJ9E	16.5	0.15	K20CH	211.708	240.279	224.855	14.380	0.18176	3.25384	5 X
K10TK2F	17.4	0.15	K20CH	286.234	173.637	212.540	16.816	0.19759	3.17881	3 X
K10TK2R	16.5	0.15	K20CH	325.749	293.587	57.323	26.405	0.26286	3.15712	3 X
K10TL5F	14.3	0.15	K20CH	318.326	92.333	301.374	6.091	0.08209	5.22304	10 X
K10TL6L	16.8	0.15	K20CH	290.660	144.575	231.118	16.559	0.09278	3.19632	5 X
K10TM7V	18.2	0.15	K20CH	295.859	156.784	221.279	14.720	0.27723	3.16078	3 X
K10TM7W	17.4	0.15	K20CH	301.074	176.559	187.658	10.695	0.14938	3.16685	5 X
K10TM8J	17.1	0.15	K2175	28.128	299.459	6.572	15.994	0.10482	3.17209	5 V
K10U10M	18.3	0.15	K20CH	280.493	145.092	212.709	7.088	0.25025	2.40618	3 X
K10U10O	17.3	0.15	K20CH	287.793	185.778	202.245	0.985	0.21748	3.19586	5 X
K10U12H	18.4	0.15	K20CH	283.729	131.831	234.127	4.051	0.25314	2.38958	2 X
K10U29H	16.7	0.15	K20CH	194.704	127.582	7.431	20.489	0.17224	3.20221	3 X
K10UA9Y	16.8	0.15	K20CH	317.734	129.500	229.379	9.995	0.11960	3.19263	6 X
K10UB4R	19.0	0.15	K20CH	277.115	303.953	68.328	6.450	0.31501	2.39237	3 X
K10UC6U	16.7	0.15	K20CH	280.129	170.413	213.481	6.010	0.04019	3.23160	8 X
K10UC9F	16.7	0.15	K20CH	252.276	78.319	9.263	24.502	0.25675	3.18790	6 X
K10UC9H	17.2	0.15	K20CH	289.016	93.754	282.526	1.248	0.10066	3.23405	6 X
K10UC9S	14.7	0.15	K2175	297.928	51.478	28.336	3.239	0.09206	5.15303	6 V
K10UC9T	17.1	0.15	K2175	17.483	336.067	352.126	8.234	0.04823	3.17552	5 V
K10V03B	16.9	0.15	K20CH	294.153	188.695	201.997	9.361	0.09105	3.16690	7 X
K10V29F	18.5	0.15	K20CH	291.479	310.842	25.883	4.822	0.16886	2.43328	3 X
K10V44M	17.8	0.15	K20CH	53.148	298.949	285.748	3.653	0.18332	2.42169	10 X
K10V96T	17.8	0.15	K20CH	254.667	194.401	219.156	6.436	0.18313	2.40127	9 X
K10VD2B	16.8	0.15	K20CH	319.186	145.386	216.584	7.893	0.09303	3.17769	6 X
K10VE5O	18.0	0.15	K20CH	39.425	75.843	167.936	6.290	0.06784	2.43667	11 X
K10VJ0E	16.2	0.15	K20CH	132.377	280.367	243.057	11.019	0.05309	3.37621	8 X
K10VL3S	18.3	0.15	K20CH	287.251	15.354	350.698	6.725	0.12676	2.40180	8 X
K10VM9U	16.6	0.15	K20CH	267.759	261.028	152.319	8.800	0.10736	3.19962	7 X

K10VM9Z	16.2	0.15	K20CH	224.316	116.598	330.929	25.559	0.16058	3.22484	6 X
K10VO5A	16.8	0.15	K20CH	329.788	127.557	217.862	8.928	0.12368	3.18610	7 X
K10VQ9Q	16.8	0.15	K20CH	301.712	68.026	297.077	10.477	0.16934	3.19813	8 X
K10VQ9W	17.1	0.15	K20CH	267.988	233.160	196.546	26.765	0.34874	3.14981	3 X
K10VQ9Z	18.6	0.15	K20CH	249.812	131.520	266.290	5.318	0.17624	2.41220	4 X
K10VR0J	14.7	0.15	K2175	323.564	334.614	86.174	1.797	0.08500	5.25456	6 V
K10VR0K	17.1	0.15	K2175	285.996	274.578	152.871	6.208	0.12304	3.19716	6 V
K10W75Y	18.3	0.15	K20CH	276.596	104.618	272.176	5.716	0.13252	2.41632	5 X
K10X02N	17.2	0.15	K20CH	271.492	180.484	237.981	4.567	0.13250	3.23557	5 X
K10X83X	13.4	0.15	K20CH	295.878	188.838	247.937	27.352	0.15526	5.20989	7 X
K11A39J	15.7	0.15	K20CH	289.296	301.440	85.471	8.935	0.16586	3.37094	10 X
K11A86P	17.3	0.15	K20CH	359.487	335.780	288.424	12.578	0.22897	2.58853	8 X
K11A96N	17.4	0.15	K20CH	56.624	252.358	317.274	2.670	0.14961	2.65871	5 X
K11B09Y	15.2	0.15	K20CH	64.085	311.301	305.367	8.470	0.05770	3.45442	13 X
K11BA0G	17.7	0.15	K20CH	90.582	254.005	295.392	11.527	0.12238	2.60752	4 X
K11BF2T	18.1	0.15	K20CH	318.312	2.056	314.160	6.227	0.11288	2.57302	5 X
K11BH1A	17.7	0.15	K20CH	315.225	27.072	287.376	3.990	0.19102	2.60128	9 X
K11BI6D	18.5	0.15	K20CH	256.012	71.889	307.304	17.202	0.08370	2.02038	6 X
K11BI6U	18.5	0.15	K20CH	289.357	242.394	129.267	13.272	0.27143	2.47849	3 X
K11BJ5Z	17.3	0.15	K20CH	38.368	295.894	291.098	11.713	0.21031	2.61775	9 X
K11C92U	17.7	0.15	K20CH	32.344	294.897	298.671	11.143	0.21799	2.66652	5 X
K11CC2R	17.4	0.15	K20CH	321.752	16.551	312.595	16.939	0.23536	2.53904	7 X
K11CC3L	17.3	0.15	K20CH	289.521	68.342	289.842	9.130	0.14251	2.56088	8 X
K11F57T	17.7	0.15	K20CH	149.542	297.022	201.979	12.590	0.15021	2.61151	6 X
K11G05B	16.8	0.15	K20CH	17.343	136.032	118.600	11.533	0.18751	2.72760	8 X
K11G92B	17.6	0.15	K20CH	237.388	86.920	348.771	10.390	0.10806	2.58417	8 X
K11G93B	17.7	0.15	K20CH	241.373	77.550	337.842	12.347	0.17856	2.58098	5 X
K11G93P	17.7	0.15	K20CH	296.922	293.624	57.793	10.064	0.14625	2.63601	6 X
K11GA0Z	17.5	0.15	K20CH	26.268	343.103	255.211	6.836	0.15800	2.74931	5 X
K11GA1R	16.9	0.15	K20CH	84.497	312.203	231.795	12.372	0.19632	2.67446	8 X
K11GA2P	17.9	0.15	K20CH	70.422	345.502	227.019	3.912	0.04501	2.64056	9 X
K11GA3C	17.9	0.15	K20CH	7.919	295.514	330.723	4.225	0.11828	2.71546	5 X
K11H58T	16.9	0.15	K20CH	289.226	182.430	179.860	11.230	0.08866	2.69477	10 X
K11H88S	16.9	0.15	K20CH	262.222	208.836	181.610	12.166	0.07548	2.67019	14 X
K11K56A	17.6	0.15	K20CH	337.787	88.621	221.901	8.303	0.24899	2.76231	6 X
K11K56Q	19.3	0.15	K20CH	295.488	128.060	179.804	4.193	0.25551	2.19470	5 X
K11L03J	17.7	0.15	K20CH	42.657	7.406	221.075	7.423	0.16035	2.76481	6 X
K11L07G	16.4	0.15	K20CH	19.387	170.825	93.615	10.128	0.05192	2.75209	13 X
K11L08B	19.8	0.15	K20CH	298.580	228.109	82.447	5.849	0.30248	2.19273	2 X
K11M15X	18.9	0.15	K20CH	300.727	26.369	287.226	9.768	0.22574	2.21302	6 X
K11M15Y	19.7	0.15	K20CH	296.941	107.578	200.586	2.445	0.23322	2.22211	2 X
K11N04Z	18.0	0.15	K20CH	288.851	4.228	326.527	9.056	0.26984	2.24523	5 X
K11O07V	18.4	0.15	K20CH	315.440	345.006	310.250	6.287	0.13594	2.21215	8 X
K11O09K	17.7	0.15	K20CH	275.805	162.783	216.280	7.164	0.07273	2.90574	6 X
K11O47C	17.5	0.15	K20CH	330.291	3.084	325.266	7.838	0.20677	2.83689	5 X
K11P01S	19.0	0.15	K20CH	299.109	92.150	224.071	3.639	0.16353	2.23621	4 X
K11P220	18.7	0.15	K20CH	305.158	199.961	107.059	8.064	0.26608	2.21677	5 X
K11P22P	17.7	0.15	K2175	23.508	52.695	268.234	0.975	0.05912	2.88852	3 V
K11Q34T	18.3	0.15	K20CH	295.273	27.482	307.612	4.824	0.18924	2.21303	9 X
K11Q58J	19.7	0.15	K20CH	244.086	121.540	285.320	6.097	0.28760	2.22969	3 X
K11Q71F	18.1	0.15	K20CH	318.795	324.763	345.766	7.273	0.17084	2.21782	8 X
K11Q73X	18.7	0.15	K20CH	170.859	259.452	165.423	21.971	0.04354	1.85096	5 X
K11Q80B	18.2	0.15	K20CH	302.289	208.900	137.774	7.647	0.24729	2.94155	4 X
K11Q87T	16.7	0.15	K20CH	320.141	196.989	134.325	12.227	0.11332	2.89630	12 X
K11Q95Z	19.1	0.15	K20CH	288.329	136.626	206.483	6.208	0.21264	2.22331	4 X
K11QA2B	17.1	0.15	K20CH	261.322	84.588	335.403	14.125	0.14026	2.86268	5 X
K11QB5R	18.0	0.15	K20CH	281.317	1.696	17.133	5.373	0.23412	2.93742	4 X
K11QB5V	17.6	0.15	K2175	11.437	177.144	157.794	2.538	0.08795	2.89335	4 V
K11R05Q	19.2	0.15	K20CH	307.819	93.721	214.226	6.386	0.14389	2.22874	4 X
K11R10A	19.1	0.15	K20CH	283.808	143.525	188.834	4.451	0.23278	2.24133	4 X
K11R11A	18.6	0.15	K20CH	330.740	335.238	302.041	2.595	0.15756	2.25024	7 X
K11R14B	19.4	0.15	K20CH	211.637	76.356	342.613	17.495	0.11194	1.82808	6 X
K11R27Y	16.7	0.15	K20CH	173.881	145.841	339.782	10.563	0.03982	2.97107	6 X
K11R35H	19.8	0.15	K20CH	247.929	160.166	233.889	2.511	0.20581	2.24536	3 X
K11R35N	17.4	0.15	K20CH	302.343	125.786	222.632	8.652	0.12564	2.96548	8 X
K11S33Q	18.9	0.15	K20CH	335.444	80.957	167.303	20.775	0.06241	1.86044	5 X
K11S41A	18.0	0.15	K20CH	311.050	16.210	340.729	9.650	0.22798	2.90852	4 X
K11S43J	17.8	0.15	K20CH	280.504	61.888	342.441	3.898	0.18670	2.90952	6 X
K11S72R	17.3	0.15	K20CH	262.992	82.071	326.597	4.804	0.05403	2.92292	5 X
K11S92J	16.4	0.15	K20CH	188.193	261.615	217.411	11.924	0.20770	3.08923	10 X
K11SC6K	17.1	0.15	K20CH	263.617	211.013	185.670	10.832	0.10389	3.00515	5 X
K11SD7G	18.8	0.15	K20CH	323.982	351.103	294.822	1.497	0.19793	2.24833	7 X
K11SG6F	18.5	0.15	K20CH	274.575	105.875	252.441	4.083	0.17695	2.23875	8 X
K11SH0E	18.5	0.15	K20CH	269.159	168.216	193.272	7.280	0.08917	2.26156	5 X
K11SH6U	19.1	0.15	K20CH	296.457	56.068	269.502	5.351	0.14304	2.25642	2 X
K11SH9Z	18.9	0.15	K20CH	277.253	333.213	8.531	7.909	0.23711	2.26060	3 X
K11SM4T	18.9	0.15	K20CH	260.982	108.500	280.266	3.071	0.17238	2.24904	6 X
K11SN7G	19.5	0.15	K2175	320.940	14.443	5.245	8.025	0.13990	2.23547	2 V
K11SS0J	17.1	0.15	K20CH	305.755	71.145	274.585	8.787	0.15292	3.00564	5 X
K11SU3C	16.8	0.15	K20CH	306.014	226.066	111.810	7.949	0.07055	3.01645	9 X
K11SU7A	16.8	0.15	K20CH	304.686	252.648	100.896	10.504	0.09162	3.02785	8 X
K11SU8T	17.5	0.15	K20CH	260.327	282.088	131.322	3.128	0.07265	2.91838	7 X
K11SV1D	17.4	0.15	K20CH	2.968	286.505	4.746	7.442	0.19235	2.88750	5 X
K11SV2L	16.9	0.15	K20CH	303.831	113.491	232.575	9.320	0.03919	3.01928	6 X
K11SV6H	17.4	0.15	K20CH	328.875	338.176	329.679	11.538	0.26899	2.99278	3 X
K11SX1A	19.4	0.15	K20CH	259.575	52.765	340.366	3.146	0.19454	2.23525	6 X
K11SX5J	17.9	0.15	K20CH	317.570	68.298	263.770	1.014	0.15219	2.91858	5 X
K11SX5R	18.5	0.15	K20CH	321.828	333.527	324.061	7.426	0.13067	2.23859	6 X
K11SX6G	16.6	0.15	K20CH	317.706	56.814	274.745	8.753	0.01587	3.04011	6 X
K11SX7J	18.8	0.15	K20CH	297.196	101.468	231.120	6.838	0.08111	2.25501	7 X
K11SX7R	17.9	0.15	K2175	330.744	76.061	303.969	1.014	0.09423	2.88319	4 V
K11T18Z	16.8	0.15	K20CH	280.772	137.746	240.435	15.099	0.08627	3.07124	4 X
K11U31G	18.4	0.15	K20CH	102.668	118.398	43.870	19.525	0.03962	1.86162	7 X

K11U31Q	16.1	0.15	K20CH	293.403	57.109	325.222	10.282	0.08339	2.95564	11	X
K11U87X	17.2	0.15	K20CH	287.727	149.962	228.620	8.531	0.19819	3.04137	5	X
K11U92C	17.5	0.15	K20CH	292.645	70.558	303.300	6.437	0.22731	2.97925	4	X
K11UB0J	16.7	0.15	K20CH	88.438	294.927	274.634	8.636	0.02448	3.01154	6	X
K11UB3V	17.2	0.15	K20CH	260.292	204.514	209.260	2.135	0.16535	3.04063	6	X
K11UC1S	18.7	0.15	K20CH	258.759	154.636	219.649	9.536	0.12841	2.26181	4	X
K11UE3K	16.1	0.15	K20CH	346.548	204.194	95.208	11.709	0.19025	3.06294	13	X
K11UF9N	18.8	0.15	K20CH	286.491	185.593	142.953	4.439	0.24907	2.26630	2	X
K11UI2U	16.6	0.15	K20CH	291.031	119.319	251.948	14.375	0.15768	3.05235	7	X
K11UI8Q	16.8	0.15	K20CH	228.482	262.276	185.439	8.522	0.17811	3.08061	7	X
K11UK0M	16.1	0.15	K20CH	350.172	262.322	45.719	14.173	0.05575	3.10461	8	X
K11UK4Y	17.0	0.15	K20CH	271.251	234.911	171.397	13.020	0.34905	3.01059	3	X
K11UL0L	17.1	0.15	K2175	78.332	18.917	235.878	10.066	0.04334	3.02060	4	V
K11UN2B	18.1	0.15	K20CH	275.235	211.515	204.963	6.119	0.23176	2.95162	5	X
K11UN2D	18.8	0.15	K20CH	268.547	158.361	205.767	7.013	0.16169	2.25771	5	X
K11UO2X	18.6	0.15	K20CH	254.130	163.052	235.784	3.838	0.15791	2.26269	4	X
K11UQ0O	16.9	0.15	K20CH	278.882	131.807	245.927	8.631	0.05815	3.08929	4	X
K11UR5V	18.6	0.15	K20CH	229.515	171.439	244.606	2.282	0.13366	2.28528	6	X
K11UT6F	16.9	0.15	K20CH	341.965	104.274	218.086	8.147	0.10549	2.99541	7	X
K11UT7K	17.0	0.15	K20CH	219.824	237.175	209.409	11.585	0.14588	3.06860	4	X
K11UU6Z	16.4	0.15	K20CH	304.169	164.227	185.211	6.131	0.20167	3.01526	10	X
K11UV2E	18.8	0.15	K20CH	267.052	92.765	272.571	4.016	0.18058	2.25948	4	X
K11UX1M	16.3	0.15	K20CH	280.652	54.858	324.080	5.683	0.16704	3.04695	9	X
K11UX3Y	17.5	0.15	K20CH	275.955	231.171	172.325	10.011	0.27465	2.98384	6	X
K11UY8R	18.0	0.15	K20CH	314.901	133.975	204.006	11.737	0.18266	2.98692	2	X
K11Ub5D	17.1	0.15	K20CH	299.654	87.996	274.422	7.893	0.16403	2.99873	7	X
K11Ud9N	17.4	0.15	K20CH	349.692	102.924	209.640	14.922	0.14700	2.97805	5	X
K11Uf3V	17.1	0.15	K20CH	299.018	82.110	277.579	3.791	0.16834	3.04385	6	X
K11Ug5B	16.9	0.15	K20CH	304.899	157.933	209.055	16.475	0.05137	3.00647	5	X
K11Ug6H	18.7	0.15	K20CH	303.716	68.997	247.586	1.261	0.16050	2.25964	7	X
K11Ug9E	17.0	0.15	K20CH	296.661	314.216	57.088	9.282	0.17695	3.03283	4	X
K11Ug9F	18.2	0.15	K20CH	337.043	17.966	261.364	4.841	0.15950	2.28955	6	X
K11Uh0C	18.1	0.15	K20CH	291.531	184.582	196.191	10.506	0.31968	3.00082	3	X
K11Ui7W	19.1	0.15	K20CH	273.838	298.245	65.493	6.992	0.19814	2.27252	3	X
K11Uj0T	17.0	0.15	K20CH	326.059	68.965	259.517	9.013	0.07481	3.06367	6	X
K11Uj0V	17.5	0.15	K20CH	327.988	79.280	240.988	7.665	0.23125	3.00145	5	X
K11Uk0K	16.8	0.15	K20CH	24.889	12.899	248.853	15.821	0.12274	3.08929	4	X
K11Ul9G	18.9	0.15	K20CH	204.988	156.928	273.182	6.678	0.05974	2.29528	5	X
K11Ul9N	19.8	0.15	K20CH	267.236	100.577	269.466	3.575	0.21205	2.26469	3	X
K11Um0M	18.4	0.15	K2175	296.632	198.782	230.947	23.998	0.27101	2.26337	3	V
K11Um0N	19.6	0.15	K2175	302.688	253.802	152.917	4.774	0.21839	2.25974	3	V
K11V26H	16.9	0.15	K20CH	286.117	70.592	299.287	7.768	0.07586	3.05216	6	X
K11V27E	17.2	0.15	K20CH	317.998	175.794	160.177	1.707	0.18174	3.03038	5	X
K11V29Q	17.2	0.15	K20CH	274.570	78.436	307.710	8.281	0.06072	3.04196	5	X
K11V30X	18.1	0.15	K20CH	303.577	54.681	304.754	8.061	0.28476	2.98988	3	X
K11W06K	17.1	0.15	K20CH	37.816	19.755	229.902	9.947	0.06023	3.08066	4	X
K11W08J	16.9	0.15	K20CH	139.968	251.163	267.128	2.160	0.05134	3.10968	8	X
K11W20O	17.8	0.15	K20CH	272.954	167.699	243.663	6.074	0.30537	3.01771	4	X
K11W45C	16.7	0.15	K20CH	203.555	215.365	247.663	10.826	0.05026	3.11835	9	X
K11W62J	19.0	0.15	K20CH	220.046	215.147	209.003	4.129	0.11714	2.29728	6	X
K11W67N	18.3	0.15	K20CH	274.288	171.514	184.954	6.442	0.12862	2.29326	5	X
K11W68O	18.3	0.15	K20CH	314.739	79.370	235.377	21.630	0.24553	2.27529	4	X
K11W89D	17.1	0.15	K20CH	269.113	133.698	289.359	4.286	0.21003	3.03476	5	X
K11W92E	16.0	0.15	K20CH	296.589	170.887	209.603	13.357	0.09291	3.04254	11	X
K11W94J	17.8	0.15	K20CH	263.912	209.592	227.247	6.017	0.27386	2.99665	3	X
K11WA8W	17.4	0.15	K20CH	315.198	201.601	137.512	11.686	0.26551	2.97953	4	X
K11WC6W	16.7	0.15	K20CH	208.471	199.583	254.087	9.495	0.04033	3.10270	8	X
K11WF7S	14.5	0.15	K20CH	267.336	135.917	315.743	4.025	0.09948	5.19506	10	X
K11WF8T	17.2	0.15	K20CH	289.162	110.912	273.274	10.919	0.28531	3.03745	4	X
K11WG2D	16.8	0.15	K20CH	308.769	60.645	288.704	8.023	0.08523	3.09645	6	X
K11WG3F	17.3	0.15	K20CH	238.099	129.345	306.938	12.295	0.16138	3.06929	4	X
K11WG4X	17.4	0.15	K20CH	290.275	166.726	204.233	8.442	0.14129	3.05127	4	X
K11Y00Y	16.6	0.15	K20CH	234.339	162.435	285.744	15.405	0.23236	3.13088	4	X
K11Y11Z	15.6	0.15	K20CH	183.261	233.639	284.951	21.418	0.16070	3.13495	8	X
K11Y21L	18.0	0.15	K2175	238.570	162.204	299.283	24.965	0.19595	2.34333	4	V
K11Y32R	16.8	0.15	K20CH	269.790	290.722	116.870	12.100	0.17788	3.12127	4	X
K11Y42S	13.2	0.15	K20CH	8.769	265.539	88.778	25.552	0.04096	5.26867	10	X
K11Y50V	16.1	0.15	K20CH	243.538	178.744	291.924	15.914	0.18157	3.04858	7	X
K11Y79V	17.9	0.15	K20CH	198.834	125.475	318.471	12.315	0.11012	2.35869	8	X
K11Y81U	15.9	0.15	K20CH	199.164	134.020	330.784	16.075	0.07586	3.23246	7	X
K11Y81Y	16.6	0.15	K20CH	87.876	257.445	317.445	18.002	0.02208	3.22261	6	X
K11Y83V	16.6	0.15	K20CH	219.806	194.297	272.290	14.637	0.27238	3.09448	5	X
K11Y84V	16.6	0.15	K20CH	221.777	145.105	315.682	23.666	0.17347	3.14153	6	X
K11Y86K	17.1	0.15	K20CH	287.148	69.638	320.936	15.102	0.21526	3.10295	3	X
K11Y88F	14.0	0.15	K20CH	319.138	92.117	319.408	17.774	0.09841	5.28563	7	X
K11Y88Y	13.9	0.15	K20CH	301.814	122.116	309.186	16.324	0.13359	5.17814	7	X
K11Y91X	15.7	0.15	K20CH	54.688	314.441	314.541	17.143	0.13132	3.20320	8	X
K11Y96L	18.8	0.15	K20CH	237.033	230.170	186.803	5.357	0.27118	2.28071	4	X
K11Y96P	18.8	0.15	K20CH	216.126	120.437	314.171	5.596	0.14838	2.32587	5	X
K12A16A	13.9	0.15	K20CH	323.907	93.064	308.655	17.067	0.09036	5.25373	7	X
K12A35T	17.1	0.15	K2175	336.961	40.429	327.952	0.550	0.04496	3.19295	5	V
K12B12P	17.3	0.15	K20CH	281.651	281.665	126.673	10.265	0.36235	3.06561	4	X
K12B35Y	16.9	0.15	K20CH	317.203	239.695	122.695	16.807	0.25562	3.08646	5	X
K12B56V	16.8	0.15	K20CH	274.603	126.361	288.542	9.390	0.18870	3.11000	4	X
K12B76G	17.6	0.15	K20CH	50.169	255.960	319.175	11.244	0.15676	2.45780	7	X
K12B83O	16.3	0.15	K20CH	287.927	73.707	323.656	8.170	0.10209	3.16822	10	X
K12BD3O	15.4	0.15	K20CH	210.240	263.858	244.007	24.146	0.22335	3.14693	11	X
K12BE0M	16.6	0.15	K20CH	224.388	145.941	295.161	10.470	0.03647	3.22701	7	X
K12BG9G	18.7	0.15	K20CH	218.387	140.665	297.620	6.604	0.19332	2.32123	4	X
K12BH5V	19.3	0.15	K20CH	154.377	139.479	323.614	21.294	0.06409	1.91472	4	X
K12BH5W	19.0	0.15	K20CH	125.757	159.743	326.775	21.278	0.11507	1.91632	4	X
K12BI4X	16.2	0.15	K20CH	290.033	89.844	316.687	17.793	0.08714	3.17850	6	X
K12C09E	17.9	0.15	K20CH	20.302	292.976	316.736	15.146	0.09246	2.43537	4	X

K12C530	16.5	0.15	K20CH	279.143	296.761	122.880	16.366	0.17917	3.10708	7 X
K12C59E	17.0	0.15	K20CH	263.624	78.211	340.544	10.334	0.23238	3.18623	4 X
K12C59S	17.8	0.15	K20CH	26.786	112.024	133.837	3.152	0.15962	2.45123	9 X
K12C64S	16.4	0.15	K20CH	210.200	279.888	188.872	16.222	0.18291	3.25231	8 X
K12D06V	19.1	0.15	K20CH	188.782	96.462	341.509	19.622	0.14388	1.90358	4 X
K12D49B	19.0	0.15	K20CH	213.479	260.857	163.609	22.272	0.10580	1.89659	5 X
K12DC6F	17.4	0.15	K20CH	284.751	35.672	318.111	8.402	0.25464	2.47113	7 X
K12E13S	19.4	0.15	K20CH	162.566	106.447	342.737	20.079	0.02889	1.94203	3 X
K12E23J	18.0	0.15	K20CH	244.112	64.570	339.223	27.455	0.15342	2.38718	4 X
K12F79D	17.3	0.15	K20CH	209.041	354.734	80.047	4.775	0.16846	2.37168	9 X
K12FA8Y	16.5	0.15	K20CH	246.508	300.971	163.557	26.238	0.13146	3.19768	6 X
K12G48K	18.1	0.15	K20CH	349.208	0.843	281.679	3.774	0.24648	2.57366	4 X
K12J05L	20.0	0.15	K20CH	16.458	355.920	206.871	21.270	0.02158	1.67391	5 X
K12J70N	17.7	0.15	K20CH	348.347	213.204	94.672	17.769	0.17530	2.55727	5 X
K12K63W	18.4	0.15	K20CH	319.202	90.597	219.875	11.596	0.29285	2.63867	2 X
K12K64A	18.4	0.15	K2175	113.744	108.830	196.693	5.996	0.10131	2.39814	5 V
K12L25K	18.0	0.15	K20CH	315.929	58.038	266.633	12.449	0.20805	2.67179	4 X
K12L27E	17.2	0.15	K20CH	267.831	208.557	169.902	18.228	0.20831	2.62191	8 X
K12L27W	17.3	0.15	K20CH	329.817	0.964	300.688	12.386	0.19037	2.65893	7 X
K12L28L	17.7	0.15	K20CH	315.081	107.522	211.150	11.605	0.14694	2.62945	6 X
K12L28X	18.5	0.15	K20CH	307.990	142.945	179.987	14.247	0.28666	2.65349	4 X
K12L29U	17.6	0.15	K20CH	323.543	3.392	308.877	11.562	0.09132	2.65326	7 X
K12M17O	17.4	0.15	K20CH	0.017	36.603	221.391	13.169	0.22152	2.68301	6 X
K12O07U	18.7	0.15	K20CH	317.309	132.513	178.577	12.880	0.30427	2.70282	3 X
K12P00A	20.3	0.15	K2175	263.328	14.706	170.472	11.253	0.70306	1.35772	3 X
K12P21B	17.8	0.15	K20CH	344.655	21.530	261.744	5.597	0.16579	2.70074	7 X
K12P58J	17.8	0.15	K2175	353.422	52.154	282.202	3.991	0.17291	2.73316	3 V
K12P58K	17.5	0.15	K20CH	284.418	345.621	18.568	9.150	0.27590	2.72560	3 X
K12Q08N	17.6	0.15	K20CH	206.492	123.215	328.061	21.468	0.07101	2.67487	5 X
K12Q22Q	18.1	0.15	K20CH	273.352	135.186	249.292	2.274	0.20577	2.74306	4 X
K12Q26F	17.4	0.15	K20CH	299.749	186.259	173.789	12.551	0.21048	2.72220	6 X
K12Q26Z	17.8	0.15	K20CH	246.053	101.773	340.796	13.536	0.23676	2.71239	6 X
K12Q41G	17.6	0.15	K20CH	347.605	307.273	334.854	8.099	0.33137	2.67726	5 X
K12Q47D	17.2	0.15	K20CH	2.799	189.513	98.002	3.476	0.06048	2.67459	10 X
K12Q69R	17.2	0.15	K20CH	347.514	305.251	347.664	24.889	0.09468	2.73210	6 X
K12Q69Z	18.0	0.15	K20CH	301.901	167.699	169.759	17.578	0.26733	2.73209	4 X
K12Q70T	18.0	0.15	K20CH	326.397	39.068	262.808	6.930	0.27696	2.73797	4 X
K12Q71V	18.5	0.15	K20CH	263.539	219.277	191.760	8.477	0.28010	2.79517	3 X
K12R17D	16.4	0.15	K20CH	321.406	53.117	284.853	14.756	0.22222	2.70281	7 X
K12R34C	17.8	0.15	K20CH	305.049	159.840	182.080	7.943	0.23537	2.73723	5 X
K12R35K	17.5	0.15	K20CH	270.299	170.307	201.287	8.805	0.17420	2.80682	4 X
K12S25D	17.0	0.15	K20CH	313.897	309.313	13.324	6.206	0.02387	2.80231	10 X
K12S35L	18.2	0.15	K20CH	309.017	350.707	344.229	2.912	0.19711	2.74351	6 X
K12S40A	17.1	0.15	K20CH	254.513	175.182	217.209	3.142	0.10397	2.78362	11 X
K12S57P	17.7	0.15	K20CH	311.204	3.039	341.485	6.819	0.24451	2.73525	4 X
K12S58E	19.5	0.15	K20CH	191.931	206.117	198.707	19.551	0.15001	1.72925	4 X
K12S62E	16.9	0.15	K20CH	248.163	38.471	8.698	9.126	0.16182	2.80210	9 X
K12S64N	17.2	0.15	K20CH	326.988	349.021	331.966	9.708	0.21073	2.73133	6 X
K12S73O	17.2	0.15	K20CH	224.572	206.642	237.951	11.612	0.14218	2.81235	6 X
K12S84S	18.3	0.15	K20CH	283.468	116.980	277.544	6.822	0.31706	2.72456	5 X
K12S93L	17.3	0.15	K20CH	303.213	76.390	284.419	5.329	0.07097	2.75370	7 X
K12S96A	19.1	0.15	K20CH	320.342	111.382	201.543	12.231	0.28827	2.74538	4 X
K12S96G	18.1	0.15	K20CH	257.053	82.979	332.245	13.464	0.25443	2.75911	3 X
K12T07D	17.2	0.15	K20CH	290.862	358.163	348.014	11.388	0.20527	2.77108	6 X
K12T29F	17.6	0.15	K20CH	337.311	287.873	26.138	5.516	0.12732	2.75295	8 X
K12T32B	17.6	0.15	K20CH	289.834	150.041	212.748	7.984	0.22161	2.77344	3 X
K12T38Z	17.1	0.15	K20CH	27.090	298.501	335.786	6.366	0.04050	2.74261	9 X
K12T43L	17.5	0.15	K20CH	329.853	26.733	274.668	6.887	0.20793	2.77307	6 X
K12T63Y	16.5	0.15	K20CH	292.149	20.188	341.361	13.008	0.07259	2.78285	9 X
K12T64C	17.1	0.15	K20CH	41.428	348.691	254.532	9.469	0.17857	2.75022	8 X
K12T72Q	17.5	0.15	K20CH	18.728	289.541	339.871	7.872	0.18748	2.72485	8 X
K12T86P	17.9	0.15	K20CH	281.107	176.452	213.677	5.897	0.08968	2.75346	5 X
K12TA7O	17.2	0.15	K20CH	217.983	177.632	273.622	2.966	0.06478	2.76642	11 X
K12TB3E	18.3	0.15	K20CH	299.266	80.256	273.243	2.981	0.21704	2.76127	3 X
K12TB6P	16.7	0.15	K20CH	89.807	227.833	336.970	6.964	0.16030	2.79298	11 X
K12TC2T	17.8	0.15	K2175	315.354	27.312	359.134	4.005	0.08188	2.77868	3 V
K12TC4H	19.6	0.15	K20CH	174.510	234.282	190.911	36.016	0.08119	1.73716	3 X
K12TE3Y	17.8	0.15	K20CH	293.147	136.354	220.216	3.308	0.09180	2.78225	5 X
K12TG6A	17.6	0.15	K20CH	306.108	145.676	195.157	17.191	0.16289	2.78915	4 X
K12TH2K	17.7	0.15	K20CH	254.186	77.282	326.827	3.575	0.07219	2.78355	7 X
K12TH4L	18.2	0.15	K20CH	262.164	140.230	259.406	3.538	0.12469	2.77224	4 X
K12TI0R	17.2	0.15	K20CH	2.962	307.770	329.469	7.025	0.21508	2.74973	9 X
K12TJ8A	18.2	0.15	K20CH	307.508	32.621	308.637	6.379	0.18343	2.76321	3 X
K12TM9F	17.6	0.15	K20CH	245.628	135.384	278.148	3.936	0.08021	2.76942	6 X
K12TR5K	17.8	0.15	K20CH	326.856	62.687	257.760	6.360	0.22881	2.75068	4 X
K12TR6M	18.1	0.15	K20CH	283.380	168.042	221.986	9.072	0.21948	2.74736	4 X
K12TT1Z	16.5	0.15	K20CH	357.295	22.774	261.194	9.235	0.09615	2.84912	10 X
K12TT7N	13.1	0.15	K20CH	238.978	22.523	112.070	19.723	0.15530	5.22359	11 X
K12TW9D	17.1	0.15	K20CH	278.580	317.928	65.325	10.462	0.14511	2.79664	6 X
K12TX2G	17.0	0.15	K20CH	159.785	176.694	321.786	9.191	0.13096	2.79079	6 X
K12TX3W	17.5	0.15	K20CH	234.826	145.025	283.899	9.040	0.10096	2.76078	8 X
K12TY6E	17.8	0.15	K20CH	224.885	173.337	272.032	6.937	0.19216	2.80888	6 X
K12TZ5J	17.6	0.15	K20CH	247.243	118.505	318.991	7.212	0.16180	2.74997	8 X
K12TZ9G	18.0	0.15	K20CH	321.540	35.700	299.317	2.895	0.08798	2.75072	5 X
K12Ta0X	18.8	0.15	K20CH	308.443	35.483	262.375	5.464	0.17054	2.12210	8 X
K12Tb5T	17.5	0.15	K20CH	305.366	36.361	307.694	3.316	0.09027	2.77474	7 X
K12Tb6B	18.8	0.15	K20CH	311.390	132.083	182.748	8.776	0.33423	2.75899	3 X
K12Tb7C	17.1	0.15	K20CH	325.204	10.512	318.362	8.965	0.21307	2.78650	4 X
K12Tb7K	18.1	0.15	K20CH	338.584	314.303	339.036	7.119	0.20091	2.77861	4 X
K12Tb7Z	17.4	0.15	K20CH	301.652	96.167	258.617	8.471	0.14851	2.80135	6 X
K12Tb8N	17.9	0.15	K2175	2.833	318.870	10.357	2.850	0.15005	2.74047	5 V
K12Tb8O	17.4	0.15	K2175	112.299	250.696	344.940	3.797	0.01328	2.77842	5 V
K12U25O	17.7	0.15	K20CH	244.602	135.135	282.275	8.683	0.11372	2.80432	5 X

K12U25R	17.4	0.15	K20CH	287.709	47.773	319.794	6.825	0.23704	2.78100	5 X
K12U85G	18.0	0.15	K20CH	305.378	73.368	282.029	2.810	0.21646	2.76206	3 X
K12UA7Z	17.7	0.15	K20CH	276.636	159.520	237.767	2.686	0.09850	2.77746	5 X
K12UC1V	17.3	0.15	K20CH	241.716	168.404	251.039	11.784	0.12866	2.84870	5 X
K12UC9L	17.4	0.15	K20CH	242.146	153.247	278.731	6.815	0.20515	2.81491	5 X
K12UH9H	17.4	0.15	K20CH	263.205	180.256	216.671	14.738	0.07240	2.81598	8 X
K12UN5V	17.3	0.15	K20CH	275.600	53.138	321.495	8.225	0.17922	2.77919	6 X
K12UN6U	18.4	0.15	K20CH	278.108	153.296	228.832	8.761	0.22984	2.79351	2 X
K12UN6Z	18.1	0.15	K20CH	320.681	15.674	305.316	3.546	0.16239	2.79054	6 X
K12UN7D	17.8	0.15	K20CH	259.366	129.003	279.224	3.205	0.06672	2.78500	3 X
K12UN7E	18.7	0.15	K20CH	289.860	138.332	228.793	10.690	0.31252	2.76884	2 X
K12UN7F	19.2	0.15	K2175	48.767	126.115	255.881	1.533	0.22203	2.57944	3 V
K12V28S	18.1	0.15	K20CH	315.727	348.881	355.032	4.064	0.21959	2.75252	3 X
K12V85K	17.5	0.15	K20CH	259.542	198.589	227.359	8.418	0.30299	2.79620	6 X
K12W27T	18.2	0.15	K20CH	140.468	235.703	250.789	5.125	0.06470	2.17198	8 X
K12X10H	17.0	0.15	K20CH	283.324	140.057	255.412	7.162	0.30231	2.78227	9 X
K12X76A	17.9	0.15	K20CH	308.384	130.762	221.764	12.531	0.22239	2.79563	3 X
K12X90K	17.4	0.15	K20CH	310.069	99.151	241.856	4.718	0.08640	2.86663	8 X
K12XB9C	19.3	0.15	K20CH	282.422	208.557	135.035	2.267	0.20732	2.12300	4 X
K12XD0E	17.4	0.15	K20CH	267.819	108.523	280.596	9.124	0.07251	2.88964	4 X
K12XE9V	16.5	0.15	K20CH	226.642	155.485	267.891	10.944	0.01826	2.91527	10 X
K13A03W	15.9	0.15	K20CH	28.351	307.890	328.394	15.306	0.10240	3.06657	9 X
K13A20C	15.3	0.15	K20CH	167.020	175.516	340.234	44.144	0.38950	3.05556	9 X
K13A30F	16.1	0.15	K20CH	105.182	221.026	342.554	11.116	0.09319	2.99006	9 X
K13A36V	13.9	0.15	K20CH	226.390	30.043	108.615	20.219	0.06414	5.16931	10 X
K13A53X	13.2	0.15	K20CH	0.861	48.916	309.787	20.213	0.05369	5.16174	10 X
K13A55Q	14.5	0.15	K20CH	314.118	58.265	333.946	9.500	0.06742	5.20833	8 X
K13A85B	17.5	0.15	K2175	30.357	62.463	313.916	5.371	0.05951	2.77241	5 V
K13AD1M	13.5	0.15	K20CH	288.881	283.651	160.304	24.483	0.09370	5.23918	11 X
K13AG0L	17.6	0.15	K20CH	334.956	120.433	212.491	7.754	0.12557	2.97263	5 X
K13AG1K	17.1	0.15	K20CH	150.906	288.779	218.362	8.858	0.03543	3.04755	8 X
K13AG4M	17.3	0.15	K20CH	39.037	34.540	213.454	10.710	0.10271	3.12775	7 X
K13AJ1B	16.6	0.15	K20CH	349.988	9.583	288.259	9.371	0.14211	3.05074	5 X
K13B34B	18.3	0.15	K20CH	0.910	358.361	268.099	3.491	0.09152	2.21500	9 X
K13B60D	13.9	0.15	K20CH	326.654	71.171	331.345	20.602	0.09706	5.10925	9 X
K13B87C	17.6	0.15	K20CH	277.655	93.454	296.699	9.039	0.10892	2.98191	5 X
K13B92U	18.0	0.15	K20CH	73.695	229.424	312.072	21.348	0.27125	2.30743	6 X
K13BA1T	14.6	0.15	K2175	307.284	115.958	318.435	14.707	0.13750	5.16640	5 V
K13C44J	16.8	0.15	K20CH	6.902	216.625	84.537	3.240	0.03032	3.07565	8 X
K13C58S	16.1	0.15	K20CH	202.046	175.013	287.263	11.591	0.06151	3.04999	10 X
K13CA8M	17.1	0.15	K20CH	235.564	328.277	114.497	1.904	0.07226	3.03611	8 X
K13CB3K	17.3	0.15	K20CH	230.531	151.243	286.510	8.492	0.12133	3.04739	7 X
K13CC6H	16.3	0.15	K20CH	145.834	171.237	331.111	22.382	0.08263	3.09019	6 X
K13CM8B	17.1	0.15	K20CH	198.562	140.837	338.408	9.597	0.06825	3.07424	6 X
K13CNOV	18.1	0.15	K20CH	11.103	315.207	286.034	5.497	0.16157	2.31882	6 X
K13CN0X	17.1	0.15	K20CH	239.636	119.799	313.397	10.323	0.12053	3.07719	4 X
K13CP2H	17.2	0.15	K20CH	209.717	148.515	307.759	11.618	0.10081	3.09555	7 X
K13CP3A	20.0	0.15	K20CH	318.541	298.042	334.112	19.582	0.05769	1.81596	3 X
K13CP4C	17.2	0.15	K20CH	186.989	152.374	321.788	9.528	0.01357	3.13019	8 X
K13E10V	17.1	0.15	K20CH	227.340	135.282	307.694	13.174	0.14761	3.04223	5 X
K13E23Z	17.5	0.15	K20CH	315.626	125.087	164.280	23.023	0.25217	2.37231	7 X
K13EC7O	16.9	0.15	K20CH	249.525	266.231	162.274	10.539	0.08699	3.05228	7 X
K13EG8B	18.1	0.15	K20CH	52.058	260.734	313.119	6.203	0.07611	2.31049	8 X
K13EG9L	17.1	0.15	K20CH	35.270	293.890	343.009	8.820	0.08991	3.16838	6 X
K13EH9Z	19.6	0.15	K20CH	18.719	21.659	190.563	22.156	0.05577	1.84294	4 X
K13F09G	18.4	0.15	K20CH	327.519	48.819	230.919	18.144	0.08633	1.82020	5 X
K13F35A	16.8	0.15	K20CH	249.547	234.262	205.581	13.065	0.14708	3.04119	7 X
K13G13Q	16.0	0.15	K20CH	188.595	192.633	280.746	8.581	0.05372	3.13376	11 X
K13G94U	17.9	0.15	K20CH	34.299	273.534	332.376	5.057	0.06555	2.29072	14 X
K13GA0L	18.1	0.15	K20CH	341.960	55.586	213.873	7.727	0.25351	2.41783	5 X
K13GG1C	16.0	0.15	K2175	358.244	84.925	244.332	11.456	0.14222	3.47592	8 V
K13H58S	18.5	0.15	K20CH	289.384	100.058	242.337	5.501	0.11477	2.32479	4 X
K13H76X	17.1	0.15	K20CH	259.430	49.633	16.286	12.045	0.12251	3.19284	4 X
K13J58U	18.4	0.15	K20CH	302.746	161.202	148.745	3.267	0.22594	2.42721	4 X
K13J59M	17.9	0.15	K20CH	330.077	77.628	221.472	12.737	0.09131	2.36165	8 X
K13K10J	18.3	0.15	K20CH	347.285	41.600	236.702	4.653	0.21876	2.40541	6 X
K13N64T	17.7	0.15	K2175	15.255	196.221	120.904	15.676	0.14783	2.46498	5 V
K13N64U	18.2	0.15	K2175	64.542	59.586	191.496	4.542	0.14834	2.45642	9 V
K13O13J	17.5	0.15	K20CH	289.288	28.333	345.989	13.633	0.20272	2.55367	5 X
K13P04G	17.2	0.15	K20CH	327.294	62.098	233.033	8.739	0.18038	2.53154	7 X
K13P42M	18.6	0.15	K20CH	244.724	47.188	333.638	19.529	0.08433	1.90297	6 X
K13R27K	18.5	0.15	K20CH	270.548	202.003	178.355	11.445	0.27561	2.56217	3 X
K13R73P	18.5	0.15	K20CH	274.363	190.240	200.712	10.213	0.37778	2.55576	3 X
K13R97N	16.7	0.15	K20CH	78.456	303.747	254.655	10.978	0.05362	2.54591	9 X
K13RA8N	17.5	0.15	K20CH	309.040	356.926	346.364	13.510	0.16156	2.56083	8 X
K13RB3P	18.1	0.15	K20CH	321.836	138.406	160.219	12.831	0.20922	2.57984	4 X
K13RB4A	18.6	0.15	K20CH	295.319	48.972	284.237	4.653	0.28887	2.54468	4 X
K13RB4Y	17.5	0.15	K20CH	299.377	352.060	353.484	15.614	0.14404	2.58714	7 X
K13RF6L	18.6	0.15	K20CH	313.242	42.639	274.528	9.038	0.15552	2.53109	3 X
K13S07S	17.7	0.15	K20CH	269.316	179.185	227.279	4.954	0.28120	2.57930	6 X
K13S70P	17.1	0.15	K20CH	210.657	248.962	182.898	27.816	0.06773	2.56775	11 X
K13SA0B	18.0	0.15	K20CH	201.201	58.148	351.106	19.713	0.10816	1.91728	6 X
K13T04S	20.9	0.15	K20CH	237.762	186.323	217.341	2.630	0.36143	1.92773	2 X
K13T60N	17.9	0.15	K20CH	335.846	57.713	243.819	7.628	0.22210	2.53817	6 X
K13T81G	17.8	0.15	K20CH	193.312	274.613	203.113	11.002	0.13053	2.53265	7 X
K13TA9T	17.6	0.15	K20CH	323.694	358.321	316.362	3.900	0.25962	2.55607	8 X
K13TC4A	18.5	0.15	K20CH	293.334	145.205	207.407	16.325	0.17280	2.55785	5 X
K13TF6L	17.5	0.15	K20CH	264.305	153.718	224.133	1.286	0.11023	2.63709	10 X
K13TH3T	17.5	0.15	K20CH	211.272	235.115	228.420	11.056	0.25703	2.64903	4 X
K13TH4J	18.3	0.15	K20CH	304.265	127.893	204.744	12.314	0.29385	2.55532	3 X
K13TH6C	18.7	0.15	K20CH	285.296	328.268	45.175	2.736	0.19733	2.56480	3 X
K13TH6T	17.7	0.15	K20CH	283.062	333.523	25.341	6.182	0.21990	2.61743	4 X
K13TI0M	18.3	0.15	K20CH	250.226	130.023	297.138	5.154	0.22286	2.54943	4 X

K13TI5P	19.0	0.15	K20CH	314.054	119.557	211.313	4.162	0.24136	2.55057	4 X
K13TK0Y	17.7	0.15	K20CH	113.270	323.790	206.842	21.602	0.05996	2.59892	5 X
K13TM7B	18.6	0.15	K20CH	238.741	178.352	243.317	8.972	0.18478	2.59043	4 X
K13U03D	18.5	0.15	K20CH	267.060	59.824	300.833	9.447	0.15769	1.92547	7 X
K13U25M	18.5	0.15	K20CH	279.105	146.280	229.517	8.802	0.21284	2.58373	4 X
K13U26A	18.4	0.15	K20CH	239.110	190.887	224.879	13.549	0.13634	2.61076	3 X
K13U27H	18.6	0.15	K20CH	294.128	31.382	334.363	7.050	0.27057	2.55600	3 X
K13U32W	17.7	0.15	K20CH	202.162	240.834	217.031	13.177	0.12774	2.61986	5 X
K13U34U	18.1	0.15	K20CH	212.751	40.309	350.443	20.909	0.07950	1.92020	6 X
K13U49H	18.8	0.15	K20CH	288.758	132.670	221.815	11.276	0.20807	2.58862	4 X
K13U49O	18.7	0.15	K2175	307.089	65.838	351.158	1.968	0.22490	2.56847	5 V
K13V08Y	17.5	0.15	K20CH	249.401	243.447	172.614	16.695	0.31413	2.58627	4 X
K13V34D	18.2	0.15	K20CH	259.760	204.339	207.657	11.620	0.14652	2.61155	4 X
K13V37M	18.0	0.15	K20CH	284.203	125.724	240.333	10.504	0.21257	2.60251	5 X
K13V38B	18.8	0.15	K20CH	253.885	286.137	132.648	4.229	0.21893	2.56677	4 X
K13V42H	18.4	0.15	K20CH	253.297	288.541	125.223	2.676	0.12133	2.60400	6 X
K13V45Q	18.5	0.15	K20CH	246.515	112.501	313.554	11.333	0.27820	2.59658	3 X
K13V50F	18.7	0.15	K20CH	279.053	304.293	74.543	4.310	0.13747	2.57639	3 X
K13V58E	18.1	0.15	K20CH	341.349	254.600	45.206	3.888	0.14901	2.58342	6 X
K13W27V	17.5	0.15	K20CH	345.982	63.722	246.430	4.055	0.08355	2.61472	9 X
K13W40Z	17.2	0.15	K20CH	6.539	4.136	258.480	8.431	0.16253	2.73343	7 X
K13W52X	17.7	0.15	K20CH	306.979	347.759	355.998	5.930	0.25515	2.57843	4 X
K13W55P	18.3	0.15	K20CH	265.362	165.348	242.316	3.795	0.20323	2.57155	5 X
K13W74S	17.8	0.15	K20CH	245.716	193.101	239.998	33.575	0.22928	2.58593	3 X
K13W77Y	16.9	0.15	K20CH	332.132	58.401	259.012	15.778	0.24571	2.57461	10 X
K13W88Z	17.7	0.15	K20CH	281.445	48.514	315.264	2.091	0.20839	2.60658	6 X
K13W93W	17.8	0.15	K20CH	302.652	87.939	266.337	3.710	0.23816	2.57677	3 X
K13WA1T	17.1	0.15	K20CH	292.031	343.790	21.018	4.292	0.21276	2.59117	11 X
K13WA2X	17.1	0.15	K20CH	277.930	145.982	261.035	12.064	0.29597	2.58210	4 X
K13WA5H	16.1	0.15	K20CH	7.226	349.460	305.775	13.184	0.15137	2.69114	12 X
K13WB6C	19.0	0.15	K20CH	271.450	160.174	248.400	5.212	0.31692	2.56700	4 X
K13WB7D	19.0	0.15	K20CH	261.910	84.948	333.360	4.129	0.31298	2.56511	4 X
K13WC2S	17.8	0.15	K20CH	282.062	98.628	269.393	5.143	0.04950	2.67156	4 X
K13WC2V	18.3	0.15	K20CH	307.876	22.435	325.435	3.205	0.20268	2.59916	3 X
K13WC6F	18.2	0.15	K20CH	231.775	182.103	243.592	5.264	0.09228	2.66407	3 X
K13WD3F	18.1	0.15	K20CH	308.335	272.162	72.880	4.070	0.08613	2.62581	6 X
K13WD9F	19.1	0.15	K2175	358.274	64.699	16.142	2.772	0.14123	2.40849	4 V
K13X05R	18.0	0.15	K20CH	263.976	69.614	334.219	5.288	0.14782	2.58543	4 X
K13X28Q	17.1	0.15	K20CH	226.063	343.093	118.619	14.373	0.13999	2.64019	6 X
K13Y07S	18.4	0.15	K20CH	259.142	145.662	258.596	11.666	0.23269	2.61308	4 X
K13Y36Q	17.8	0.15	K20CH	238.098	208.353	224.928	13.054	0.22693	2.62339	5 X
K13Y40P	17.1	0.15	K20CH	322.288	64.282	253.173	16.517	0.33798	2.60357	5 X
K13Y43W	16.6	0.15	K20CH	284.002	70.125	312.358	8.774	0.12879	2.65783	8 X
K13Y57K	17.1	0.15	K20CH	173.934	201.970	294.981	21.080	0.01734	2.68716	6 X
K13Y91V	17.9	0.15	K20CH	294.461	260.198	114.225	14.779	0.19530	2.57541	6 X
K13YF7K	18.2	0.15	K20CH	276.192	103.494	290.152	4.834	0.22417	2.63229	3 X
K13YG9E	18.0	0.15	K2175	309.850	44.532	349.696	5.894	0.08944	2.70091	5 V
K14A01E	17.0	0.15	K20CH	242.860	345.653	93.159	13.297	0.09274	2.67365	8 X
K14A04J	17.3	0.15	K20CH	292.724	287.014	96.078	13.771	0.19860	2.63405	5 X
K14A11M	17.7	0.15	K20CH	259.095	97.043	326.199	5.487	0.23825	2.62440	5 X
K14A32V	17.4	0.15	K20CH	264.721	326.378	98.550	14.504	0.22178	2.62079	4 X
K14A59C	16.6	0.15	K20CH	300.209	234.717	138.295	14.146	0.18751	2.70902	8 X
K14A62V	17.5	0.15	K20CH	284.486	273.014	124.776	15.455	0.20122	2.61420	5 X
K14A74F	16.9	0.15	K20CH	31.776	286.370	310.462	12.604	0.23062	3.05797	4 X
K14B16U	17.1	0.15	K20CH	307.943	16.566	333.157	4.476	0.12842	2.72471	12 X
K14B52F	16.5	0.15	K20CH	12.337	299.664	348.741	6.135	0.09541	2.76745	11 X
K14D17H	17.4	0.15	K2175	239.095	129.740	339.926	4.755	0.02921	2.78635	2 V
K14D30D	17.2	0.15	K20CH	22.346	283.342	324.701	14.367	0.25914	3.10485	4 X
K14D61Q	17.1	0.15	K20CH	112.696	89.150	104.896	3.192	0.00253	2.92166	6 X
K14D71F	16.9	0.15	K20CH	356.572	162.488	117.623	6.326	0.12454	3.12974	7 X
K14DG4L	17.1	0.15	K20CH	269.225	56.768	318.403	11.097	0.05468	2.89592	6 X
K14E05N	13.4	0.15	K20CH	261.304	114.668	351.621	27.430	0.01564	5.29557	12 X
K14E14X	14.3	0.15	K20CH	285.990	77.290	353.273	20.308	0.11528	5.24679	7 X
K14E40M	16.5	0.15	K20CH	348.322	122.770	162.393	26.220	0.20708	3.19672	8 X
K14E74S	17.4	0.15	K20CH	306.184	86.065	255.241	9.355	0.07875	2.92266	6 X
K14E86J	17.9	0.15	K20CH	275.347	101.536	289.824	13.475	0.21467	2.78569	3 X
K14E95X	17.3	0.15	K20CH	308.220	1.762	337.817	9.399	0.25473	2.99901	4 X
K14EA3W	17.3	0.15	K20CH	333.796	359.204	318.332	10.607	0.10389	2.97075	4 X
K14EA9O	18.1	0.15	K20CH	262.930	155.279	249.635	8.767	0.27394	2.73085	6 X
K14EC4V	17.1	0.15	K20CH	336.554	28.805	270.811	8.462	0.28201	3.06813	6 X
K14EC6A	17.4	0.15	K20CH	333.347	94.580	215.951	12.494	0.15418	2.98443	7 X
K14EG2S	17.5	0.15	K20CH	325.181	72.940	245.478	9.354	0.12386	2.98425	3 X
K14EG6N	17.2	0.15	K20CH	25.912	320.316	300.466	8.618	0.06047	2.98874	5 X
K14EG9Y	16.7	0.15	K20CH	335.270	348.244	323.996	9.745	0.08408	2.99772	8 X
K14EJ8B	17.4	0.15	K20CH	274.943	168.313	197.695	9.781	0.11889	2.97216	8 X
K14EK7E	16.8	0.15	K20CH	335.890	344.575	321.197	15.251	0.16199	3.01709	7 X
K14EL6L	17.6	0.15	K20CH	275.608	146.694	243.023	8.178	0.16043	2.80456	5 X
K14EM3S	16.5	0.15	K20CH	4.757	307.594	322.907	14.180	0.16021	3.09827	5 X
K14EN0L	17.4	0.15	K20CH	287.079	156.364	211.618	5.581	0.10901	2.88806	7 X
K14EO4G	16.9	0.15	K20CH	272.775	47.134	332.269	11.944	0.12139	2.90360	6 X
K14F41P	16.2	0.15	K20CH	34.014	71.195	179.286	18.819	0.11697	3.21554	10 X
K14F88K	17.1	0.15	K2175	56.771	279.303	2.262	5.787	0.13609	3.01082	3 V
K14G05Z	16.4	0.15	K20CH	19.320	263.494	9.398	17.499	0.17161	3.10867	6 X
K14G07L	18.2	0.15	K20CH	295.330	316.557	353.034	7.409	0.17127	2.16782	8 X
K14G21M	16.9	0.15	K20CH	24.131	46.060	218.269	9.894	0.05964	3.07576	5 X
K14G25F	16.6	0.15	K20CH	4.170	57.594	227.046	10.441	0.08384	3.07995	7 X
K14G50L	16.2	0.15	K20CH	352.331	198.005	104.175	12.746	0.07253	3.09444	8 X
K14G60K	17.2	0.15	K20CH	43.781	28.105	199.868	17.493	0.18415	3.18544	4 X
K14G75G	16.8	0.15	K20CH	354.579	103.355	191.516	20.850	0.22623	3.16174	6 X
K14G87R	17.1	0.15	K20CH	158.166	264.060	232.124	8.049	0.05166	3.06407	3 X
K14G87W	17.0	0.15	K2175	155.736	186.870	6.520	8.639	0.05433	3.02245	5 V
K14H09D	19.0	0.15	K20CH	310.850	129.887	174.591	4.715	0.10795	2.16782	6 X
K14H30X	16.8	0.15	K20CH	51.225	38.487	196.120	20.382	0.10770	3.15597	9 X

K14H36N	16.6	0.15	K20CH	283.136	245.311	129.749	5.786	0.15704	3.11705	7	X
K14H42G	16.8	0.15	K20CH	351.307	107.416	204.261	8.975	0.09883	3.11088	12	X
K14H42R	19.0	0.15	K20CH	303.133	69.240	232.287	5.185	0.29714	2.24509	3	X
K14H64V	17.6	0.15	K20CH	332.869	129.067	188.098	11.124	0.10566	3.15021	2	X
K14H96J	17.1	0.15	K20CH	277.681	193.167	182.367	10.254	0.05658	3.10664	8	X
K14HA2Q	16.8	0.15	K20CH	274.263	193.608	193.785	8.783	0.05128	3.07068	7	X
K14HA2U	17.4	0.15	K20CH	21.167	69.132	193.561	9.828	0.10358	3.18420	4	X
K14HC5E	17.0	0.15	K20CH	27.257	46.291	214.389	10.364	0.12145	3.15401	6	X
K14HC7W	16.6	0.15	K20CH	251.640	40.579	353.691	15.265	0.01634	3.03599	8	X
K14HC9O	19.2	0.15	K20CH	262.669	115.597	174.424	53.229	0.48060	1.74219	4	X
K14HD9M	17.3	0.15	K20CH	325.859	121.543	205.100	9.213	0.12562	3.17152	5	X
K14HE2S	17.4	0.15	K20CH	331.515	76.574	246.988	4.010	0.15574	3.20269	6	X
K14HE4T	16.1	0.15	K20CH	320.479	150.734	179.042	9.528	0.22664	3.10442	13	X
K14HG3Z	16.0	0.15	K20CH	322.561	203.188	135.788	18.177	0.13867	3.06551	9	X
K14HL3R	18.8	0.15	K20CH	354.433	11.727	255.921	3.300	0.14991	2.17436	5	X
K14HM1A	18.5	0.15	K20CH	311.819	52.430	245.312	6.174	0.21908	2.22049	6	X
K14HNN3P	7.3	0.15	K2175	18.879	315.010	239.740	6.146	0.21946	43.60365	4	V
K14J07W	16.9	0.15	K20CH	155.163	293.225	215.153	13.048	0.08040	3.06933	7	X
K14J25W	18.4	0.15	K20CH	297.429	312.130	10.552	8.504	0.28185	2.20801	8	X
K14J38H	19.1	0.15	K20CH	355.223	114.422	146.076	5.081	0.17195	2.18693	6	X
K14J46W	16.9	0.15	K20CH	199.781	191.147	269.592	7.365	0.03290	3.11005	9	X
K14J50Q	16.1	0.15	K20CH	334.506	246.345	87.811	19.571	0.29085	3.15765	8	X
K14J75B	17.1	0.15	K20CH	323.370	115.273	232.224	9.405	0.11853	3.13084	8	X
K14J77T	16.3	0.15	K20CH	153.566	317.508	210.023	8.290	0.06348	2.99195	11	X
K14J82M	16.2	0.15	K20CH	347.644	255.617	72.349	20.116	0.18005	3.19708	7	X
K14JA8O	16.7	0.15	K20CH	195.815	243.212	221.848	10.303	0.08334	3.10580	6	X
K14JCS5M	19.1	0.15	K20CH	331.376	22.157	252.481	5.210	0.21036	2.20593	5	X
K14JCS5Z	19.2	0.15	K20CH	314.930	68.808	234.558	4.747	0.04834	2.17452	4	X
K14K55L	19.1	0.15	K20CH	293.773	89.266	226.800	3.195	0.25779	2.23453	4	X
K14KB5C	17.1	0.15	K20CH	97.526	296.017	249.716	14.580	0.18379	3.18407	4	X
K14L39S	18.9	0.15	K20CH	338.087	319.275	318.290	3.823	0.22573	2.19795	3	X
K14L39W	19.0	0.15	K20CH	310.767	241.422	59.828	5.899	0.22982	2.23979	4	X
K14M52E	18.8	0.15	K20CH	274.130	145.878	204.258	5.643	0.23851	2.29895	2	X
K14M75L	16.4	0.15	K20CH	311.579	42.573	308.697	8.549	0.06130	3.49872	7	X
K14M79G	18.4	0.15	K20CH	297.767	130.172	208.601	4.384	0.23093	2.28185	4	X
K14M80G	18.2	0.15	K20CH	304.661	225.844	108.396	11.981	0.25758	2.26734	3	X
K14M81Z	19.4	0.15	K20CH	311.528	98.261	200.283	3.503	0.26618	2.28763	2	X
K14M97R	19.0	0.15	K20CH	295.549	17.045	306.549	8.576	0.17069	2.26490	4	X
K14M99C	17.1	0.15	K2175	109.574	126.517	127.161	27.261	0.19772	3.18438	3	V
K14N06T	16.3	0.15	K2175	344.820	85.092	265.263	8.592	0.08010	3.44671	6	V
K14N37L	18.4	0.15	K20CH	314.829	19.806	285.543	9.653	0.14274	2.29034	2	X
K14N38B	18.6	0.15	K20CH	304.108	51.018	264.940	6.352	0.13359	2.29942	5	X
K14N38Y	18.6	0.15	K20CH	291.273	178.063	147.858	5.791	0.30371	2.29433	4	X
K14N39O	18.5	0.15	K20CH	262.223	162.240	225.412	8.573	0.28269	2.28560	3	X
K14N82A	18.5	0.15	K20CH	262.162	85.299	289.188	5.568	0.17241	2.24497	7	X
K14N91F	20.3	0.15	K20CH	302.054	84.269	230.289	4.430	0.24570	2.28046	2	X
K14O19G	18.8	0.15	K20CH	280.102	62.750	287.874	6.844	0.17243	2.26761	3	X
K14OD5T	19.8	0.15	K20CH	291.034	15.793	319.008	6.135	0.21050	2.27264	2	X
K14OI7E	18.5	0.15	K20CH	256.562	93.951	292.495	4.777	0.17051	2.32067	6	X
K14OJ4O	18.6	0.15	K20CH	286.497	331.839	0.243	2.092	0.23375	2.33945	4	X
K14OO4B	15.8	0.15	K20CH	279.898	101.433	316.743	20.367	0.06560	3.24880	7	X
K14OY3L	18.4	0.15	K20CH	317.232	334.069	335.446	5.962	0.18634	2.25774	3	X
K14Od1T	21.6	0.15	K20CH	293.546	4.921	316.542	6.356	0.37388	2.29347	2	X
K14Oj9E	17.6	0.15	K2175	30.316	204.282	174.011	4.706	0.13990	3.16342	3	V
K14Oj9F	17.4	0.15	K2175	104.674	116.729	164.106	9.519	0.06753	3.15669	4	V
K14Oj9G	19.7	0.15	K2175	332.564	231.375	135.039	4.475	0.24310	2.26805	2	V
K14P98P	20.0	0.15	K2175	352.360	330.287	0.089	2.305	0.24280	2.29223	2	V
K14Q53G	18.8	0.15	K2175	27.191	341.789	308.371	6.206	0.11078	2.26782	3	V
K14Q73W	18.8	0.15	K20CH	298.922	67.450	257.707	7.561	0.16235	2.28321	6	X
K14QA6H	18.7	0.15	K20CH	297.950	78.668	266.635	3.329	0.07079	2.25491	6	X
K14QM0F	19.1	0.15	K20CH	271.126	66.980	300.697	6.197	0.22644	2.29470	3	X
K14QM8V	19.8	0.15	K20CH	266.628	38.797	332.112	10.287	0.26557	2.31544	2	X
K14Qf7E	17.4	0.15	K20CH	39.325	11.082	225.963	5.881	0.09735	2.30140	10	X
K14Qo0Z	18.5	0.15	K20CH	271.236	85.450	293.058	5.600	0.12331	2.26797	5	X
K14Qq9D	18.5	0.15	K20CH	322.696	353.014	310.561	3.883	0.15289	2.25709	7	X
K14Qs4A	18.6	0.15	K20CH	258.802	193.082	199.990	7.534	0.18167	2.29902	5	X
K14Qt7U	18.8	0.15	K20CH	323.114	13.950	283.014	9.158	0.16563	2.30820	2	X
K14Qt8T	19.5	0.15	K20CH	295.915	217.136	120.601	2.380	0.19667	2.29405	2	X
K14Qu0S	18.8	0.15	K20CH	267.555	129.116	255.627	5.294	0.25218	2.28672	4	X
K14Qu0W	18.8	0.15	K20CH	276.285	79.899	290.712	6.240	0.12948	2.28721	2	X
K14Qu2N	20.2	0.15	K20CH	296.311	20.440	309.542	4.985	0.19279	2.28923	2	X
K14Qu3B	18.7	0.15	K20CH	317.022	13.456	291.451	6.217	0.12911	2.28133	4	X
K14Qu3D	16.7	0.15	K2175	128.555	7.846	249.162	7.816	0.11488	3.17784	3	V
K14Qu3E	20.1	0.15	K2175	339.100	349.484	2.550	0.865	0.21262	2.29768	2	V
K14R40E	18.8	0.15	K20CH	286.997	2.134	333.734	6.867	0.12900	2.32383	3	X
K14R57T	18.8	0.15	K2175	16.666	299.186	2.853	2.509	0.12874	2.33048	2	V
K14S16S	18.7	0.15	K20CH	306.645	309.440	358.140	9.711	0.17108	2.32776	3	X
K14SC1F	19.0	0.15	K2175	303.228	228.722	177.617	6.199	0.08657	2.30468	3	V
K14SF6W	18.3	0.15	K20CH	329.329	24.828	267.682	1.874	0.26628	2.31367	6	X
K14SG5Q	19.5	0.15	K20CH	290.050	318.103	28.934	4.196	0.22433	2.31477	3	X
K14SO9K	18.5	0.15	K20CH	314.498	163.560	123.222	8.252	0.26766	2.34314	4	X
K14SU2S	18.7	0.15	K20CH	7.049	332.635	279.839	5.105	0.12106	2.30624	5	X
K14Sc8Z	18.6	0.15	K20CH	239.436	186.613	228.216	5.712	0.07355	2.30071	4	X
K14Se1M	18.7	0.15	K20CH	299.766	5.803	332.654	5.187	0.17983	2.30983	3	X
K14Se4M	19.7	0.15	K2175	329.277	207.139	164.288	1.355	0.20250	2.32187	3	V
K14Se4N	19.6	0.15	K2175	340.538	196.190	157.611	5.699	0.18855	2.31270	3	V
K14T36E	16.2	0.15	K20CH	161.461	166.052	340.661	13.819	0.16622	2.47141	10	X
K14TA7R	18.1	0.15	K20CH	311.914	26.982	300.457	5.502	0.13722	2.34010	8	X
K14TB4L	15.6	0.15	K20CH	330.061	332.291	352.074	13.098	0.26362	3.95187	4	X
K14TB6C	18.6	0.15	K20CH	250.163	105.574	286.721	6.444	0.13098	2.35047	3	X
K14U13N	18.4	0.15	K20CH	225.556	199.362	247.076	4.253	0.19148	2.34302	4	X
K14U27L	18.8	0.15	K20CH	239.460	297.877	121.881	2.639	0.15073	2.36539	6	X
K14U55G	18.7	0.15	K20CH	254.546	17.873	15.349	7.470	0.28941	2.34966	4	X

K14UA2M	18.3	0.15	K20CH	304.016	280.539	32.679	3.544	0.18883	2.35317	5 X
K14UB9K	18.8	0.15	K20CH	312.422	90.846	226.854	5.437	0.24560	2.34052	4 X
K14UC4V	15.6	0.15	K20CH	319.322	25.802	317.212	7.580	0.16534	3.97650	7 X
K14UE1R	18.1	0.15	K20CH	7.331	335.382	296.012	2.498	0.04029	2.31561	10 X
K14UJ1A	19.6	0.15	K20CH	258.601	72.219	325.967	4.293	0.21282	2.33025	2 X
K14V04W	18.4	0.15	K20CH	223.855	164.696	265.445	3.892	0.18053	2.36324	7 X
K14V15Z	18.3	0.15	K20CH	257.683	166.634	236.365	5.750	0.16627	2.35096	5 X
K14V42V	18.5	0.15	K20CH	268.007	87.865	283.169	6.500	0.15113	2.38129	5 X
K14W29D	18.8	0.15	K20CH	294.598	244.050	99.037	2.640	0.14938	2.37699	4 X
K14W50A	19.1	0.15	K2175	301.389	293.591	120.291	3.247	0.21076	2.36417	4 V
K14W68D	18.1	0.15	K20CH	293.243	113.017	240.890	6.318	0.14164	2.35846	5 X
K14W82G	18.6	0.15	K20CH	263.447	265.071	120.011	3.311	0.24289	2.35465	6 X
K14W84V	15.9	0.15	K20CH	10.526	156.560	150.007	4.651	0.12010	3.95690	7 X
K14W97C	17.9	0.15	K20CH	58.508	54.803	163.596	5.198	0.15496	2.42933	9 X
K14WB2K	19.5	0.15	K2175	325.398	203.275	171.284	1.731	0.19473	2.36160	2 V
K14WK5C	18.1	0.15	K20CH	255.157	132.305	256.382	5.665	0.09274	2.38210	5 X
K14WP7Y	19.4	0.15	K2175	322.669	183.299	194.698	4.590	0.17974	2.37190	4 V
K14Wc2Z	19.3	0.15	K2175	322.892	63.472	316.637	0.680	0.18882	2.35732	3 V
K14Wk1J	19.1	0.15	K2175	318.145	323.544	65.033	2.410	0.20116	2.36873	3 V
K14Wl0H	17.8	0.15	K20CH	201.605	133.202	321.098	4.509	0.06624	2.41040	11 X
K14Wm9B	17.7	0.15	K20CH	253.784	64.192	316.495	13.843	0.13043	2.46518	7 X
K14Wn3V	16.5	0.15	K20CH	33.999	324.246	265.572	14.566	0.17682	2.72110	10 X
K14Wx3P	18.3	0.15	K20CH	348.304	29.132	255.624	2.519	0.12132	2.38533	7 X
K14Wy2N	19.7	0.15	K2175	321.909	6.233	13.807	1.648	0.19321	2.35689	3 V
K14X09S	18.2	0.15	K20CH	228.202	211.928	203.339	2.261	0.16292	2.40711	9 X
K14X51T	18.5	0.15	K20CH	258.040	261.373	122.562	3.997	0.20028	2.41027	4 X
K14Y91Y	18.4	0.15	K20CH	302.303	358.139	340.357	9.349	0.23175	2.35456	4 X
K15A56E	17.6	0.15	K20CH	328.103	16.218	293.999	12.957	0.04193	2.52704	8 X
K15AA4H	17.7	0.15	K20CH	324.454	13.775	291.198	11.321	0.16206	2.57870	4 X
K15A15B	17.8	0.15	K20CH	262.323	98.266	276.267	4.410	0.09581	2.53270	8 X
K15AO3E	16.4	0.15	K20CH	353.718	187.304	114.270	14.318	0.18555	2.64612	11 X
K15AQ5D	18.6	0.15	K20CH	11.990	261.404	327.768	19.612	0.04333	1.89482	4 X
K15AR0L	17.8	0.15	K20CH	22.292	182.702	73.424	2.849	0.13879	2.57040	10 X
K15AT2R	17.7	0.15	K20CH	48.004	328.236	255.011	12.367	0.11805	2.67737	3 X
K15AT8C	17.8	0.15	K20CH	60.063	348.514	211.461	12.321	0.22028	2.64455	4 X
K15B35G	16.9	0.15	K20CH	271.017	111.789	289.746	14.584	0.11800	2.52526	7 X
K15B35H	17.8	0.15	K20CH	174.989	196.853	286.986	13.263	0.20172	2.57214	3 X
K15B35Y	17.1	0.15	K20CH	244.826	131.771	298.080	14.450	0.08214	2.53960	4 X
K15B45G	17.2	0.15	K20CH	64.255	320.811	240.113	12.543	0.18263	2.59185	4 X
K15B88T	17.3	0.15	K20CH	106.423	234.362	307.488	12.571	0.10680	2.59664	6 X
K15BB1Z	17.6	0.15	K20CH	24.772	288.829	313.700	14.826	0.13372	2.61880	4 X
K15BC9E	16.9	0.15	K20CH	15.705	137.708	126.969	5.369	0.13950	2.63288	12 X
K15BK2U	18.3	0.15	K20CH	242.645	97.467	332.890	4.669	0.16900	2.48413	7 X
K15BM7X	17.8	0.15	K20CH	68.896	259.427	308.802	16.078	0.06925	2.57285	4 X
K15BN1L	18.1	0.15	K20CH	67.027	258.295	317.072	12.811	0.04751	2.55390	5 X
K15BT1B	17.5	0.15	K20CH	53.901	335.349	239.369	10.711	0.14229	2.67413	6 X
K15BT1E	17.5	0.15	K20CH	345.541	56.363	225.976	12.167	0.16194	2.65686	7 X
K15BT3A	17.9	0.15	K20CH	116.923	310.786	215.586	12.724	0.09909	2.60402	4 X
K15Bz4V	16.9	0.15	K20CH	55.715	3.166	211.465	14.191	0.12847	2.72757	10 X
K15Bb3S	18.1	0.15	K20CH	356.168	324.215	308.746	12.362	0.15727	2.59503	4 X
K15Bh1B	17.7	0.15	K20CH	48.723	184.629	51.092	3.582	0.14576	2.67585	6 X
K15Bh2Z	17.6	0.15	K20CH	263.538	35.338	337.195	14.709	0.12050	2.60964	5 X
K15Bn8R	16.8	0.15	K20CH	267.110	42.012	322.690	17.268	0.03352	2.63772	7 X
K15Bq9C	17.7	0.15	K20CH	107.261	252.783	284.076	11.010	0.07579	2.70386	4 X
K15Br9E	17.4	0.15	K20CH	113.297	257.443	272.309	7.110	0.18177	2.61467	7 X
K15Bs6L	16.9	0.15	K20CH	133.851	273.213	236.660	13.584	0.08500	2.66729	7 X
K15Bu3L	17.0	0.15	K20CH	100.928	326.843	209.140	17.626	0.11296	2.67104	7 X
K15Bu3O	18.1	0.15	K20CH	274.802	99.745	268.573	5.758	0.09905	2.54897	6 X
K15By3M	17.6	0.15	K20CH	120.823	316.732	205.833	9.877	0.07549	2.60134	5 X
K15Bz2T	17.3	0.15	K20CH	351.007	23.309	256.985	10.866	0.09868	2.67820	6 X
K15Bz3K	17.8	0.15	K20CH	343.380	319.467	342.421	8.444	0.13038	2.53925	8 X
K15Bz7A	19.8	0.15	K20CH	113.983	180.634	307.895	23.658	0.07264	1.87952	3 X
K15D08N	17.5	0.15	K20CH	44.486	283.210	308.411	10.557	0.12436	2.64445	5 X
K15D79U	19.2	0.15	K20CH	341.702	278.055	341.029	17.264	0.05425	1.89855	4 X
K15DB4X	19.7	0.15	K20CH	240.803	26.375	337.712	18.847	0.04349	1.85659	4 X
K15DC2M	16.2	0.15	K20CH	352.284	192.675	112.122	13.207	0.16332	2.69802	14 X
K15DD0B	17.1	0.15	K20CH	284.785	281.404	106.865	15.452	0.10981	2.58457	8 X
K15DF5W	18.9	0.15	K20CH	291.848	329.923	335.018	20.441	0.09732	1.89277	4 X
K15DH7R	17.0	0.15	K20CH	76.828	268.054	286.426	11.304	0.19973	2.64557	4 X
K15DM5N	18.3	0.15	K20CH	49.201	34.195	155.120	23.821	0.05095	1.97195	3 X
K15DM8P	16.5	0.15	K20CH	286.558	257.741	131.195	15.465	0.10199	2.68411	9 X
K15DQ8N	17.2	0.15	K20CH	352.154	359.340	287.791	12.088	0.09262	2.74537	8 X
K15DR0N	17.4	0.15	K20CH	25.578	4.479	238.751	11.599	0.12182	2.72779	4 X
K15DT5X	17.3	0.15	K20CH	336.029	352.123	311.057	12.320	0.16767	2.74741	5 X
K15DT7J	19.5	0.15	K20CH	175.304	95.251	342.713	20.231	0.04702	1.87665	3 X
K15DT7S	17.7	0.15	K2175	252.920	157.404	293.069	13.899	0.11984	2.61030	6 V
K15E69X	19.0	0.15	K20CH	304.976	129.750	157.464	23.086	0.07505	1.91924	6 X
K15F44D	18.9	0.15	K20CH	270.746	142.895	191.996	21.267	0.07880	1.95666	6 X
K15F79T	17.7	0.15	K20CH	25.969	13.993	232.073	12.427	0.11628	2.74144	6 X
K15F80F	17.8	0.15	K20CH	249.116	148.618	257.499	9.282	0.14351	2.55389	6 X
K15FA6W	17.6	0.15	K20CH	28.823	21.558	229.242	6.118	0.08233	2.79564	8 X
K15FB7G	19.5	0.15	K2175	288.921	215.714	186.049	21.475	0.08963	1.88490	5 V
K15FC0D	18.7	0.15	K20CH	243.010	341.835	42.610	22.045	0.09944	1.88624	5 X
K15FC2Y	17.2	0.15	K20CH	195.653	264.364	186.073	21.833	0.05672	2.67087	7 X
K15FU0N	16.7	0.15	K20CH	332.091	217.720	119.390	14.447	0.19873	2.84169	6 X
K15FY4W	19.3	0.15	K20CH	213.416	82.113	337.618	19.065	0.10353	1.85294	3 X
K15Fa0A	17.3	0.15	K20CH	200.747	262.614	184.134	3.632	0.07047	2.79147	12 X
K15Fa8A	17.4	0.15	K20CH	332.981	18.343	304.775	15.303	0.15610	2.61730	5 X
K15Fb5H	19.0	0.15	K20CH	163.352	111.024	336.238	20.978	0.08559	1.85626	6 X
K15Fb8X	18.5	0.15	K20CH	97.283	326.642	180.964	26.387	0.08700	1.88466	4 X
K15Fb9U	17.7	0.15	K20CH	206.844	197.450	253.825	7.791	0.12747	2.56418	7 X
K15Fb9Z	17.7	0.15	K20CH	17.823	326.496	285.833	8.250	0.17309	2.79120	5 X
K15Fc9W	17.6	0.15	K20CH	353.084	50.986	238.033	6.240	0.08619	2.79342	6 X

K15Ff6J	17.4	0.15	K20CH	280.150	308.707	86.641	16.661	0.15623	2.66078	4 X
K15Ff6K	17.3	0.15	K20CH	328.980	111.017	201.209	14.839	0.18345	2.91389	4 X
K15Fg3F	16.9	0.15	K20CH	21.790	128.973	153.560	24.338	0.12850	2.76815	6 X
K15Fg7D	17.5	0.15	K20CH	108.401	132.654	57.559	4.362	0.02304	2.70006	8 X
K15Fh3W	17.3	0.15	K20CH	318.211	323.161	356.478	8.556	0.04692	2.78750	6 X
K15Fj0Q	19.1	0.15	K20CH	197.191	224.813	188.017	23.335	0.07172	1.92129	3 X
K15Fj0S	17.3	0.15	K2175	84.434	255.780	355.194	13.571	0.11436	2.71219	6 V
K15G27B	16.5	0.15	K20CH	356.693	223.026	81.721	22.240	0.19065	2.77669	6 X
K15H03B	18.0	0.15	K20CH	190.794	155.924	309.438	10.687	0.13817	2.60421	4 X
K15H03L	17.6	0.15	K20CH	20.068	2.984	259.524	7.986	0.08250	2.75285	6 X
K15H04N	17.5	0.15	K20CH	128.104	295.389	218.157	14.591	0.06631	2.70880	8 X
K15H26Q	17.5	0.15	K20CH	92.461	162.567	43.966	6.459	0.00724	2.73855	9 X
K15H29F	17.2	0.15	K20CH	354.977	90.245	194.602	14.339	0.13986	2.86749	5 X
K15H85E	17.3	0.15	K20CH	350.378	215.027	88.867	3.637	0.09163	2.83524	8 X
K15HH5A	17.4	0.15	K20CH	166.631	285.665	205.670	12.288	0.21124	2.65776	6 X
K15J23F	17.5	0.15	K20CH	347.574	62.967	218.643	13.523	0.24635	3.04547	4 X
K15K02E	17.5	0.15	K20CH	166.314	213.412	279.930	10.326	0.19611	2.61843	7 X
K15K55Z	16.3	0.15	K20CH	319.150	121.187	223.230	5.419	0.08576	2.91005	11 X
K15K61E	17.3	0.15	K20CH	171.683	256.805	230.002	12.017	0.22200	2.69991	6 X
K15K89O	17.7	0.15	K20CH	28.373	50.830	211.154	7.302	0.03150	2.89106	6 X
K15KB0Q	17.4	0.15	K20CH	10.874	50.852	221.960	10.429	0.07797	2.98345	3 X
K15K10V	17.0	0.15	K20CH	307.797	128.304	205.686	15.523	0.23557	3.14973	5 X
K15KJ3V	17.5	0.15	K20CH	306.951	106.727	241.922	7.135	0.10634	2.93843	6 X
K15L04X	16.4	0.15	K20CH	17.171	320.179	319.625	5.741	0.06984	2.84649	12 X
K15L24E	18.4	0.15	K20CH	321.216	254.683	78.575	11.000	0.57317	3.20975	2 X
K15L41H	17.2	0.15	K20CH	326.848	162.827	149.669	15.683	0.26271	3.14982	5 X
K15L51W	17.2	0.15	K20CH	332.737	188.116	139.486	7.011	0.09125	2.94679	7 X
K15L53L	17.3	0.15	K20CH	7.860	347.804	277.066	16.740	0.19268	3.18053	3 X
K15L57E	17.1	0.15	K20CH	333.319	66.865	260.515	12.890	0.08375	3.12890	6 X
K15L57H	18.1	0.15	K20CH	333.076	99.829	203.842	6.187	0.27257	3.12130	3 X
K15M07D	17.1	0.15	K20CH	29.751	358.201	256.871	5.798	0.12122	3.11717	7 X
K15M08N	16.9	0.15	K20CH	310.558	76.293	273.221	15.671	0.16768	3.18983	5 X
K15M15E	17.5	0.15	K20CH	357.607	42.498	235.991	12.078	0.18198	3.18998	4 X
K15M17B	16.8	0.15	K20CH	204.741	224.497	247.843	21.089	0.06182	2.68627	5 X
K15M28T	16.2	0.15	K20CH	319.635	59.634	268.300	8.573	0.28796	3.01043	9 X
K15M55A	16.9	0.15	K20CH	46.145	261.089	349.429	11.897	0.07897	2.85434	7 X
K15M55T	16.9	0.15	K20CH	335.655	151.470	147.063	18.554	0.21308	3.08143	6 X
K15M65F	16.9	0.15	K20CH	343.997	13.328	289.349	8.814	0.13237	3.18468	4 X
K15M70P	16.9	0.15	K20CH	308.449	93.844	254.286	9.259	0.08129	3.13271	7 X
K15M79B	16.9	0.15	K20CH	288.884	95.673	272.470	9.483	0.06746	3.14809	5 X
K15M80Y	16.7	0.15	K20CH	274.841	114.595	278.578	9.436	0.08660	3.11668	7 X
K15M84Q	17.1	0.15	K20CH	310.090	65.517	282.743	7.696	0.11540	3.16812	5 X
K15MC4Z	16.3	0.15	K20CH	304.930	109.324	278.452	15.014	0.19778	3.10586	5 X
K15MC5A	16.0	0.15	K20CH	342.346	47.305	284.304	16.310	0.19633	3.12084	7 X
K15MC6C	17.2	0.15	K20CH	12.098	190.251	82.686	2.439	0.24119	3.12512	7 X
K15MC7Z	16.6	0.15	K20CH	310.079	257.313	120.537	17.502	0.23817	3.10876	6 X
K15ME4X	16.5	0.15	K20CH	323.951	52.092	304.552	15.242	0.22957	3.15761	6 X
K15ME5Q	17.4	0.15	K20CH	273.416	118.911	286.534	8.334	0.22264	3.13664	5 X
K15ME6K	16.8	0.15	K20CH	32.749	315.643	300.973	9.388	0.07002	3.13344	6 X
K15MFOG	16.3	0.15	K20CH	273.995	105.211	283.523	15.839	0.02886	3.14559	7 X
K15MF1S	17.0	0.15	K20CH	325.817	12.651	318.163	14.166	0.11956	3.09693	4 X
K15MG1N	17.5	0.15	K20CH	291.060	230.643	153.000	6.825	0.12719	3.08350	5 X
K15MG8E	17.1	0.15	K20CH	311.313	71.994	277.242	9.270	0.05978	3.13408	7 X
K15MG8M	16.4	0.15	K20CH	4.177	356.448	297.487	14.670	0.27843	3.06684	5 X
K15MI2H	17.4	0.15	K20CH	310.261	145.118	207.375	12.362	0.16239	3.18078	4 X
K15MI2R	16.5	0.15	K20CH	83.992	299.702	269.832	8.205	0.10214	3.22107	5 X
K15MI3A	17.3	0.15	K20CH	321.647	134.380	203.182	8.936	0.09374	3.16299	5 X
K15MI3L	17.3	0.15	K20CH	7.711	335.360	294.249	14.899	0.18633	3.12810	4 X
K15MI6G	16.4	0.15	K20CH	159.103	213.688	288.428	12.769	0.11446	3.09314	5 X
K15MI7A	17.1	0.15	K20CH	343.469	47.891	262.133	7.875	0.07074	3.15777	5 X
K15N17Z	17.3	0.15	K20CH	314.180	244.675	128.661	15.379	0.34217	3.21584	3 X
K15N36R	17.3	0.15	K20CH	313.158	41.502	334.818	16.173	0.22987	3.16913	3 X
K15O04O	16.7	0.15	K20CH	312.655	104.422	266.710	14.563	0.26359	3.11519	4 X
K15O09G	16.8	0.15	K20CH	326.139	197.137	155.264	19.107	0.23598	3.09601	4 X
K15O20X	17.2	0.15	K20CH	350.167	344.455	289.186	9.217	0.40534	3.28161	5 X
K15O38Z	16.5	0.15	K20CH	332.165	25.122	321.086	26.365	0.13983	3.17063	3 X
K15O49T	16.8	0.15	K20CH	333.151	249.927	92.498	15.708	0.24229	3.14383	5 X
K15O75C	16.3	0.15	K20CH	6.792	324.278	343.793	27.004	0.17689	3.17892	4 X
K15OAGU	16.5	0.15	K20CH	300.100	116.999	280.697	15.048	0.22670	3.15220	3 X
K15OB4D	16.3	0.15	K20CH	85.336	260.240	292.530	24.265	0.21873	3.12838	3 X
K15OE2Q	17.0	0.15	K20CH	347.129	35.986	272.852	9.404	0.13300	3.17038	2 X
K15OF2X	17.2	0.15	K20CH	342.473	352.670	316.078	14.242	0.06870	3.14971	3 X
K15OF3A	16.9	0.15	K20CH	330.342	54.461	271.760	14.643	0.08356	3.17882	6 X
K15OF3G	17.2	0.15	K20CH	21.385	302.661	315.037	16.665	0.17477	3.12720	2 X
K15OF3J	16.9	0.15	K2175	40.335	130.739	160.723	10.440	0.07329	3.19700	5 V
K15OF3K	16.4	0.15	K2175	72.412	296.636	308.384	18.286	0.14867	3.21392	3 V
K15P02A	16.8	0.15	K20CH	338.193	205.952	124.562	16.226	0.27290	3.15765	5 X
K15P13G	16.7	0.15	K20CH	341.328	17.822	310.979	17.144	0.22260	3.08582	5 X
K15P16M	16.6	0.15	K20CH	292.053	55.694	331.156	15.690	0.25251	3.15307	5 X
K15P19T	17.0	0.15	K2175	46.891	283.385	8.298	7.505	0.13010	3.07242	3 V
K15P25J	18.8	0.15	K20CH	169.593	150.645	322.265	17.012	0.04193	1.98472	5 X
K15P63Q	17.1	0.15	K20CH	86.966	279.287	287.173	8.488	0.05737	3.09772	7 X
K15P69B	17.6	0.15	K2175	324.495	73.709	306.784	24.572	0.22598	3.18704	2 V
K15P69E	16.9	0.15	K20CH	28.968	152.236	112.281	3.779	0.13972	3.08288	10 X
K15P75F	16.9	0.15	K20CH	286.188	68.588	308.286	8.395	0.09185	3.15746	7 X
K15P84N	17.1	0.15	K20CH	327.795	6.362	321.379	9.619	0.13363	3.17906	6 X
K15PA0W	16.6	0.15	K20CH	73.248	245.156	320.478	15.435	0.09349	3.20312	5 X
K15PB2K	16.9	0.15	K20CH	347.409	339.752	319.266	26.623	0.16255	3.19462	2 X
K15PC6E	17.0	0.15	K20CH	279.945	288.505	132.239	20.396	0.20805	3.05609	4 X
K15PC6G	17.9	0.15	K20CH	325.319	241.983	93.516	1.589	0.30193	3.20841	3 X
K15PE1O	16.6	0.15	K20CH	295.009	42.099	342.476	8.659	0.11293	3.12755	10 X
K15PE6C	17.4	0.15	K20CH	317.043	248.824	118.087	14.408	0.30883	3.17421	5 X
K15PE6Z	16.5	0.15	K20CH	234.074	115.690	326.051	26.600	0.13629	3.16461	5 X

K15PF7U	16.8	0.15	K20CH	165.451	167.001	334.111	21.681	0.09102	3.15148	5 X
K15PN3T	16.4	0.15	K20CH	19.504	314.832	312.536	9.687	0.10459	3.13960	8 X
K15PQ7R	17.3	0.15	K20CH	49.015	273.843	349.097	10.886	0.03219	3.11166	7 X
K15PR7F	16.8	0.15	K20CH	320.866	234.982	132.696	17.629	0.23255	3.16171	5 X
K15PR9R	17.5	0.15	K2175	346.689	0.822	1.473	8.774	0.09325	3.16790	4 V
K15PV8A	16.6	0.15	K20CH	335.572	69.211	264.722	3.460	0.09908	3.22097	9 X
K15PY7K	17.0	0.15	K20CH	322.998	3.917	331.226	14.537	0.11933	3.16735	5 X
K15PY8K	16.9	0.15	K20CH	292.936	282.200	129.797	17.098	0.25347	3.10608	5 X
K15Q11Q	15.0	0.15	K20CH	130.112	282.687	278.311	21.256	0.08804	3.23439	12 X
K15R08B	17.0	0.15	K20CH	318.089	230.957	134.472	17.464	0.19245	3.11734	5 X
K15R87G	16.2	0.15	K20CH	323.392	89.224	275.599	14.905	0.13776	3.23458	5 X
K15S04F	15.3	0.15	K20CH	282.969	106.037	275.765	12.277	0.08364	3.43309	12 X
K15TE3M	23.6	0.15	K2175	189.113	269.784	209.076	7.744	0.25600	1.13727	3 X
K15TF6E	18.2	0.15	K20CH	304.851	188.332	192.272	18.356	0.30004	3.33666	3 X
K15TI1K	16.5	0.15	K20CH	326.885	13.927	317.860	14.998	0.08048	3.18780	7 X
K15Tc7U	16.5	0.15	K20CH	309.272	152.780	205.643	13.511	0.06585	3.45486	4 X
K15Tj4F	17.7	0.15	K20CH	321.074	12.255	339.414	21.240	0.41285	3.20619	2 X
K15Tj4S	17.0	0.15	K2175	37.111	200.865	166.211	19.628	0.07504	3.21607	3 V
K15V05H	16.7	0.15	K20CH	252.502	131.982	295.160	10.895	0.14359	3.25866	6 X
K15VK7W	17.1	0.15	K2175	16.605	73.487	309.418	9.864	0.08559	3.13310	3 V
K15VK7X	17.8	0.15	K2175	53.569	118.251	232.863	12.692	0.17400	3.08629	3 V
K15W35X	18.4	0.15	K20CH	163.506	198.577	271.699	9.127	0.10223	2.27225	6 X
K16AN1C	18.4	0.15	K20CH	50.910	288.273	288.755	6.552	0.07113	2.33085	6 X
K16B03K	18.6	0.15	K20CH	255.257	40.591	332.060	8.074	0.16668	2.21966	7 X
K16B84Q	17.8	0.15	K20CH	356.760	338.042	291.808	13.997	0.12210	2.43614	5 X
K16BA0A	18.7	0.15	K20CH	175.682	217.384	247.441	5.417	0.08550	2.33289	4 X
K16BC9S	18.4	0.15	K20CH	321.770	16.638	286.845	5.995	0.12614	2.33496	4 X
K16CG2H	18.2	0.15	K20CH	315.997	26.467	281.068	3.493	0.12842	2.31067	8 X
K16CO8F	18.3	0.15	K20CH	258.754	30.958	6.527	27.688	0.36161	2.20921	5 X
K16CTOY	16.8	0.15	K20CH	142.956	144.923	339.153	14.683	0.07432	2.52562	7 X
K16CWOP	17.8	0.15	K20CH	21.254	25.639	212.784	13.694	0.20151	2.60804	6 X
K16Ca7M	18.1	0.15	K20CH	358.256	307.067	310.083	9.743	0.20207	2.55551	5 X
K16D26N	18.0	0.15	K20CH	182.981	82.508	22.198	10.192	0.05340	2.32108	7 X
K16E21R	17.8	0.15	K20CH	344.887	307.160	325.446	17.012	0.31275	2.64017	4 X
K16EK9K	17.8	0.15	K20CH	12.583	49.205	200.590	12.505	0.14313	2.61957	4 X
K16ELOT	17.3	0.15	K20CH	40.962	38.239	179.898	29.394	0.16851	2.58574	7 X
K16ENOJ	18.1	0.15	K20CH	80.981	358.883	188.976	14.797	0.08043	2.43752	5 X
K16ES7W	18.0	0.15	K20CH	317.785	301.508	359.267	16.546	0.24177	2.62159	4 X
K16F14U	17.2	0.15	K20CH	258.965	211.664	178.129	67.453	0.39872	2.21931	2 X
K16F17R	18.1	0.15	K20CH	326.494	174.263	140.242	4.744	0.11690	2.47713	6 X
K16F19A	18.1	0.15	K20CH	187.795	217.975	234.445	6.858	0.06821	2.33281	7 X
K16F54H	18.2	0.15	K20CH	355.301	51.776	214.553	12.605	0.14712	2.55079	5 X
K16F64S	17.3	0.15	K20CH	46.800	12.213	209.866	13.306	0.18244	2.61581	5 X
K16G97F	18.2	0.15	K20CH	321.587	115.195	179.578	12.317	0.25375	2.68641	5 X
K16GE7K	17.8	0.15	K20CH	346.042	81.216	179.291	12.697	0.22862	2.65666	6 X
K16GI9T	18.4	0.15	K2175	17.039	82.081	201.220	12.372	0.33932	2.77529	3 V
K16GJ1Q	17.3	0.15	K20CH	59.506	80.794	138.769	6.487	0.17120	2.55902	8 X
K16GQ0A	18.4	0.15	K20CH	343.176	88.677	202.649	9.261	0.09221	2.56004	8 X
K16GQ5V	17.6	0.15	K20CH	26.007	341.367	259.866	12.633	0.15707	2.56155	5 X
K16GR2E	17.9	0.15	K20CH	312.098	146.872	162.341	12.448	0.18482	2.67662	4 X
K16GR2F	17.3	0.15	K20CH	4.641	330.863	283.151	11.955	0.24754	2.67305	5 X
K16GT1U	18.2	0.15	K20CH	348.008	83.748	198.909	10.841	0.14268	2.66612	4 X
K16GU8Y	17.8	0.15	K20CH	345.371	31.595	243.002	13.680	0.24179	2.65499	4 X
K16H13V	18.2	0.15	K20CH	323.341	85.680	216.506	11.380	0.23338	2.66551	4 X
K16H26A	17.8	0.15	K20CH	29.510	105.333	147.893	6.589	0.08523	2.52065	8 X
K16J04Q	17.2	0.15	K20CH	70.017	344.310	219.418	9.119	0.14126	2.57927	6 X
K16J08B	17.0	0.15	K20CH	347.991	214.683	83.409	14.917	0.24633	2.63742	8 X
K16J52V	18.0	0.15	K20CH	318.772	151.931	145.940	14.802	0.24194	2.66978	3 X
K16K08R	17.4	0.15	K20CH	144.490	287.867	209.932	11.788	0.09912	2.55238	6 X
K16L04J	16.9	0.15	K20CH	216.225	229.323	199.790	21.665	0.05754	2.59794	8 X
K16L06Y	17.6	0.15	K20CH	320.573	221.230	115.326	13.346	0.21724	2.63414	6 X
K16L17J	17.9	0.15	K20CH	20.158	30.389	220.762	21.179	0.00717	2.64352	5 X
K16L39B	17.2	0.15	K20CH	73.917	319.395	235.344	12.279	0.15355	2.60196	7 X
K16L46N	17.5	0.15	K20CH	307.077	274.797	81.377	14.144	0.20286	2.60417	8 X
K16L83N	17.5	0.15	K20CH	344.072	64.168	231.678	13.988	0.14722	2.83442	4 X
K16L94C	18.4	0.15	K2175	150.490	125.384	120.977	12.698	0.15290	2.36433	2 V
K16N26F	17.5	0.15	K20CH	334.877	121.099	170.035	13.191	0.23799	2.85884	4 X
K16N58W	17.4	0.15	K20CH	339.623	7.407	291.112	7.703	0.15014	2.84521	5 X
K16N62T	18.2	0.15	K20CH	302.652	23.731	331.526	15.193	0.28453	2.92103	3 X
K16N79Z	16.9	0.15	K20CH	294.147	58.711	300.944	13.850	0.16393	2.87941	4 X
K16N80R	17.2	0.15	K20CH	261.890	87.711	315.911	11.005	0.13809	2.85346	6 X
K16N83L	17.8	0.15	K20CH	314.916	75.495	260.423	4.615	0.08183	2.85144	6 X
K16NA6E	17.3	0.15	K20CH	283.813	47.003	320.167	20.133	0.06403	2.80893	4 X
K16NB4Y	17.4	0.15	K20CH	321.007	242.281	102.449	12.469	0.16787	2.76525	5 X
K16NB6D	17.6	0.15	K20CH	343.657	59.368	227.521	14.998	0.23725	2.84862	4 X
K16NE5F	16.9	0.15	K20CH	306.312	59.516	280.741	7.986	0.14397	2.85470	6 X
K16NE9J	17.5	0.15	K20CH	299.195	39.000	310.669	12.920	0.19125	2.81092	2 X
K16O06B	16.7	0.15	K20CH	332.532	29.009	279.123	10.196	0.18300	2.93174	7 X
K16O11Y	16.6	0.15	K20CH	240.173	121.316	299.882	10.968	0.01699	2.91639	5 X
K16P14K	18.0	0.15	K2175	345.118	36.982	314.003	3.749	0.08842	2.77583	4 V
K16P86X	17.5	0.15	K20CH	286.683	157.764	218.593	9.221	0.16254	3.02088	4 X
K16P93Z	17.8	0.15	K20CH	283.351	3.776	21.247	9.412	0.15989	2.80727	5 X
K16P99Q	16.8	0.15	K20CH	318.717	120.048	212.054	9.520	0.08885	3.07863	6 X
K16PB2A	16.8	0.15	K20CH	298.894	339.733	7.070	10.060	0.11013	3.10013	6 X
K16PC4R	17.4	0.15	K20CH	264.622	191.325	207.303	9.299	0.11926	3.07883	6 X
K16PC7B	16.8	0.15	K20CH	287.095	8.967	353.277	17.245	0.09514	3.04778	9 X
K16PG1E	17.0	0.15	K20CH	307.607	335.462	358.603	12.465	0.10981	2.93429	5 X
K16PL2M	17.1	0.15	K20CH	317.297	331.814	343.742	14.810	0.19217	3.02500	3 X
K16PL4J	18.1	0.15	K20CH	327.144	37.797	276.509	4.326	0.22642	2.90225	4 X
K16PL6P	17.1	0.15	K20CH	244.967	208.693	221.123	12.885	0.18000	2.89997	5 X
K16PL7H	17.4	0.15	K20CH	310.688	0.293	329.480	8.870	0.08871	2.88231	3 X
K16PL8E	17.8	0.15	K20CH	349.983	353.427	295.405	14.396	0.12670	2.84615	4 X
K16PMLC	18.8	0.15	K2175	42.961	231.959	158.148	3.693	0.15429	2.51919	2 V

K16PM1D	19.1	0.15	K20CH	299.740	145.051	214.581	8.712	0.33129	2.88552	2 X
K16PM1E	17.9	0.15	K2175	36.688	319.833	79.700	11.746	0.23995	2.52793	2 V
K16PM1F	18.7	0.15	K2175	354.350	144.943	195.726	3.878	0.28422	2.88420	2 V
K16PM1G	17.7	0.15	K2175	337.669	198.466	171.234	2.170	0.08329	2.87164	2 V
K16Q44J	20.1	0.15	K20CH	111.674	160.514	323.090	10.449	0.31736	1.38236	3 X
K16Q63H	17.4	0.15	K20CH	294.681	184.942	159.698	16.239	0.14553	2.97824	3 X
K16Q66V	17.1	0.15	K20CH	204.265	149.592	305.694	12.109	0.08362	2.85917	6 X
K16Q75A	16.8	0.15	K20CH	301.085	158.265	217.503	6.805	0.24141	3.01750	8 X
K16Q86J	16.9	0.15	K20CH	297.679	207.018	149.796	19.509	0.25220	3.05100	4 X
K16QA6A	17.1	0.15	K20CH	353.918	2.556	282.887	10.336	0.14127	2.99572	8 X
K16QA6T	16.8	0.15	K20CH	19.414	34.659	233.721	8.994	0.06447	2.98840	8 X
K16QA6W	17.3	0.15	K20CH	299.182	142.843	214.406	9.838	0.06702	2.97388	4 X
K16QB0Y	16.5	0.15	K20CH	341.496	34.579	270.247	10.993	0.07729	2.98774	6 X
K16QB6Y	17.2	0.15	K20CH	350.616	71.024	227.854	10.274	0.03510	2.99625	4 X
K16QC8L	17.1	0.15	K20CH	337.377	70.203	244.927	7.918	0.09349	2.96387	6 X
K16QC9H	16.9	0.15	K20CH	282.256	223.237	150.891	18.733	0.16282	3.04833	8 X
K16QD0K	16.5	0.15	K20CH	338.884	34.307	280.982	8.850	0.06377	2.94295	5 X
K16QD5L	17.3	0.15	K2175	318.832	225.550	172.500	2.133	0.07001	2.86870	3 V
K16QD5M	18.2	0.15	K2175	359.419	20.505	310.233	11.242	0.18009	2.91751	2 V
K16R04Z	17.9	0.15	K20CH	339.213	48.393	240.053	7.184	0.29592	2.88926	3 X
K16R16Y	16.9	0.15	K20CH	278.697	92.187	294.086	9.444	0.16369	3.02003	4 X
K16R21H	16.4	0.15	K20CH	359.185	297.601	337.943	8.548	0.11917	3.04622	8 X
K16R38Y	17.3	0.15	K20CH	294.966	170.010	206.761	11.140	0.11683	2.90607	5 X
K16R39B	16.6	0.15	K20CH	71.310	285.636	289.535	9.024	0.06273	3.03318	6 X
K16R39K	17.3	0.15	K2175	285.461	182.754	241.579	8.800	0.11136	2.96669	4 V
K16R45N	17.0	0.15	K20CH	266.964	183.093	209.686	11.261	0.07869	3.02549	7 X
K16R57E	17.2	0.15	K20CH	316.061	116.414	224.088	13.002	0.13548	3.01751	4 X
K16R60L	16.8	0.15	K20CH	238.999	158.479	270.363	7.878	0.07406	3.00019	7 X
K16R60P	17.2	0.15	K20CH	298.607	174.062	175.206	11.267	0.07644	3.00342	6 X
K16R60S	16.9	0.15	K20CH	342.439	29.098	274.329	7.983	0.09849	3.00474	7 X
K16R62D	16.9	0.15	K20CH	25.986	30.284	234.735	9.625	0.02730	3.01246	7 X
K16R65H	17.3	0.15	K20CH	251.075	142.126	272.049	10.727	0.09396	3.01005	6 X
K16R67R	17.1	0.15	K20CH	269.191	115.607	275.990	14.145	0.06404	3.02464	6 X
K16R69L	16.8	0.15	K20CH	6.867	348.710	292.155	8.974	0.07949	3.04734	5 X
K16R74W	17.1	0.15	K20CH	273.797	122.743	266.812	8.145	0.04963	2.99659	4 X
K16R75K	17.4	0.15	K20CH	311.443	61.884	280.731	9.723	0.11388	3.00193	4 X
K16R79N	17.2	0.15	K20CH	263.330	144.123	252.719	9.981	0.10624	3.05577	6 X
K16R81N	17.0	0.15	K20CH	228.219	183.345	243.048	9.000	0.02506	3.04882	3 X
K16R83B	19.2	0.15	K2175	91.679	25.077	293.151	2.712	0.21797	2.52745	4 V
K16R83C	17.5	0.15	K2175	289.934	159.583	262.635	5.957	0.17390	3.01344	5 V
K16S01N	19.8	0.15	K20CH	35.039	17.387	185.461	23.528	0.04537	1.86578	3 X
K16S05A	16.6	0.15	K20CH	119.866	236.966	292.837	14.025	0.01709	3.02051	6 X
K16S65B	16.7	0.15	K20CH	247.522	237.675	170.740	12.665	0.10949	3.19111	4 X
K16S73C	16.7	0.15	K20CH	311.873	152.166	190.362	21.607	0.02059	3.11083	6 X
K16S80T	17.0	0.15	K20CH	275.014	186.936	200.737	15.399	0.09528	3.08034	5 X
K16S87Q	17.2	0.15	K20CH	337.566	101.299	206.581	9.537	0.08699	3.02383	4 X
K16S92N	17.0	0.15	K20CH	273.882	209.993	174.834	17.211	0.13431	3.15048	4 X
K16SA2C	17.0	0.15	K20CH	291.978	42.913	342.591	10.321	0.18557	3.05027	3 X
K16SA4T	17.7	0.15	K20CH	315.163	138.670	193.121	21.405	0.18621	3.05529	4 X
K16SA4W	19.0	0.15	K20CH	298.991	172.830	186.700	19.434	0.31566	2.97203	2 X
K16SA6O	17.6	0.15	K2175	289.860	220.244	204.088	15.392	0.21947	3.05218	3 V
K16T16D	18.8	0.15	K20CH	286.134	344.905	329.411	20.710	0.04722	1.87404	4 X
K16T20U	16.5	0.15	K20CH	309.763	126.560	218.624	13.004	0.15321	3.06939	8 X
K16T34T	17.0	0.15	K20CH	351.673	15.239	282.784	8.880	0.08765	3.01006	6 X
K16T49B	16.7	0.15	K20CH	187.259	226.333	252.804	8.899	0.04474	3.21437	6 X
K16T53M	17.0	0.15	K20CH	273.359	104.576	302.407	11.950	0.24494	3.06018	6 X
K16T54G	17.3	0.15	K20CH	289.053	117.991	264.411	10.240	0.22998	3.06454	3 X
K16T55U	17.7	0.15	K20CH	134.258	259.492	243.334	18.522	0.13999	1.84237	7 X
K16T72H	16.4	0.15	K20CH	227.296	182.877	266.175	16.529	0.17111	3.15558	4 X
K16T84G	16.3	0.15	K20CH	186.098	152.433	336.629	26.831	0.15906	3.20637	8 X
K16T86P	16.2	0.15	K20CH	278.416	178.475	209.817	17.872	0.15355	3.15409	10 X
K16TA1C	16.5	0.15	K20CH	269.243	117.827	274.215	13.137	0.04225	3.16874	5 X
K16TA2U	17.4	0.15	K20CH	297.068	79.743	281.042	9.481	0.20054	3.05116	4 X
K16TA4S	17.9	0.15	K2175	358.063	332.261	9.559	5.782	0.24493	2.99632	3 V
K16TA8H	17.8	0.15	K20CH	276.889	173.612	230.106	7.850	0.27235	3.03949	3 X
K16TB0C	17.0	0.15	K20CH	294.359	30.653	326.313	9.797	0.09345	3.14118	5 X
K16TB3Z	17.6	0.15	K2175	308.810	297.920	119.104	6.474	0.22052	3.05506	2 V
K16TC5L	16.5	0.15	K20CH	311.206	113.405	232.106	9.260	0.03855	3.11912	6 X
K16TC5R	17.2	0.15	K20CH	308.960	107.384	239.561	8.621	0.11419	3.13934	5 X
K16TD4O	16.7	0.15	K20CH	11.021	337.195	295.543	10.341	0.14557	3.08024	6 X
K16TG2H	16.9	0.15	K20CH	296.396	43.518	331.689	15.674	0.23251	3.07980	4 X
K16TG9Z	17.3	0.15	K20CH	195.151	248.297	221.874	12.050	0.06740	3.06582	4 X
K16TH0Q	16.8	0.15	K20CH	336.857	53.702	261.641	9.639	0.06666	3.08566	7 X
K16TH1F	16.6	0.15	K2175	17.864	350.130	306.437	16.253	0.19833	3.14185	5 V
K16TH1M	17.8	0.15	K20CH	322.892	64.246	258.366	10.233	0.18267	3.03821	3 X
K16TH3G	17.1	0.15	K20CH	323.916	7.043	321.243	17.569	0.08664	3.10389	5 X
K16TH3J	17.6	0.15	K20CH	304.749	127.023	223.793	10.192	0.14880	3.07554	3 X
K16TH3X	17.6	0.15	K20CH	334.614	63.622	244.850	15.410	0.21796	3.10244	3 X
K16TH4R	17.3	0.15	K20CH	297.955	89.054	274.743	10.271	0.14854	3.05737	2 X
K16TH5A	17.3	0.15	K20CH	287.901	124.941	248.678	6.970	0.09594	3.07744	5 X
K16TH5E	17.8	0.15	K20CH	265.133	111.950	286.101	9.703	0.12606	3.05798	2 X
K16TH6N	16.8	0.15	K20CH	237.631	136.314	294.683	9.229	0.06978	3.19006	5 X
K16U09E	17.4	0.15	K2175	348.926	69.175	277.237	8.807	0.15432	3.04304	4 V
K16U09U	17.1	0.15	K20CH	308.503	13.097	326.580	10.685	0.12967	3.11906	3 X
K16U13C	17.2	0.15	K20CH	298.756	174.484	183.131	26.759	0.09223	3.08719	4 X
K16U27B	16.7	0.15	K20CH	211.709	240.989	226.658	13.492	0.21180	3.19734	6 X
K16U39P	16.7	0.15	K20CH	175.840	249.265	237.416	11.091	0.05285	3.23177	6 X
K16U40F	16.7	0.15	K20CH	187.544	252.199	229.761	17.258	0.10037	3.20830	4 X
K16U45F	16.3	0.15	K20CH	352.128	39.063	254.330	11.605	0.17827	3.08110	5 X
K16U46F	16.9	0.15	K20CH	284.592	112.236	263.135	10.925	0.09481	3.12323	4 X
K16U51N	16.6	0.15	K20CH	287.762	350.093	50.096	22.968	0.14385	3.04546	5 X
K16U59L	17.5	0.15	K20CH	300.239	126.354	234.112	10.479	0.14756	3.08105	3 X
K16U59V	17.0	0.15	K20CH	297.403	147.380	220.314	13.278	0.14113	3.05769	8 X

K16U62B	19.1	0.15	K20CH	285.375	130.067	192.033	21.645	0.09277	1.85617	5 X
K16U71J	17.0	0.15	K20CH	219.992	217.121	228.865	7.957	0.06538	3.18640	7 X
K16U85W	16.3	0.15	K20CH	254.980	196.720	211.673	15.105	0.06248	3.17869	10 X
K16U87U	17.1	0.15	K20CH	326.216	111.864	218.571	14.168	0.11106	3.10258	6 X
K16U90S	16.3	0.15	K20CH	20.163	66.051	203.916	8.929	0.18848	3.09938	10 X
K16U96N	17.1	0.15	K20CH	330.361	104.002	216.161	8.715	0.08577	3.15918	6 X
K16UA0L	17.1	0.15	K20CH	324.161	128.919	204.154	10.232	0.06129	3.13596	5 X
K16UA3L	16.8	0.15	K20CH	4.528	83.932	204.883	8.432	0.07939	3.15552	9 X
K16UB6A	17.0	0.15	K20CH	203.094	246.033	214.364	9.356	0.02130	3.16867	6 X
K16UB9C	17.7	0.15	K20CH	292.114	139.911	226.502	8.844	0.12214	3.14406	3 X
K16UD9Y	16.6	0.15	K20CH	329.300	148.841	160.876	18.060	0.22364	3.16940	8 X
K16UE0T	16.7	0.15	K20CH	340.432	231.145	106.633	15.739	0.12905	2.96960	4 X
K16UE7N	16.8	0.15	K20CH	273.444	163.284	237.859	16.949	0.19658	3.09952	3 X
K16UF2G	17.2	0.15	K20CH	278.131	176.744	225.188	14.898	0.26308	3.17681	4 X
K16UF5Q	16.3	0.15	K20CH	27.800	356.781	258.027	11.241	0.12474	3.08238	5 X
K16UG3K	17.5	0.15	K20CH	350.013	64.550	221.670	9.684	0.19518	3.15408	4 X
K16UO8U	16.7	0.15	K20CH	288.679	325.380	74.196	17.836	0.11625	3.02711	6 X
K16UO8W	18.6	0.15	K20CH	53.819	153.170	54.277	22.196	0.07541	1.87296	5 X
K16UP1Z	16.9	0.15	K20CH	320.295	69.434	267.756	7.888	0.15877	3.12849	6 X
K16UQ8O	17.6	0.15	K20CH	290.342	100.514	279.685	9.254	0.16400	3.02952	4 X
K16UROB	17.2	0.15	K20CH	289.550	123.717	246.788	8.770	0.12984	3.12324	5 X
K16URON	16.8	0.15	K2175	355.103	48.423	285.704	8.471	0.02896	3.20648	5 V
K16UR0P	17.8	0.15	K20CH	288.960	134.226	241.178	8.314	0.20013	3.08106	2 X
K16UROV	17.3	0.15	K20CH	297.670	72.064	291.715	15.131	0.16309	3.11616	5 X
K16UR1Z	16.6	0.15	K20CH	232.780	183.735	258.716	16.192	0.16547	3.21562	5 X
K16UR3D	17.1	0.15	K20CH	311.842	171.188	165.199	12.611	0.17592	3.13464	4 X
K16UR3W	18.5	0.15	K2175	347.411	79.881	279.362	2.946	0.27017	2.98104	3 V
K16V15Q	17.5	0.15	K20CH	258.193	108.566	332.433	14.588	0.33694	3.08537	4 X
K16V18U	16.6	0.15	K20CH	263.311	50.339	357.233	9.572	0.22127	3.12804	7 X
K16V39S	19.3	0.15	K20CH	286.016	100.862	230.629	20.185	0.09730	1.89475	4 X
K16V50C	17.6	0.15	K20CH	273.683	62.840	332.397	16.513	0.25814	3.10481	4 X
K16V51A	17.7	0.15	K20CH	280.249	72.457	325.296	14.721	0.24471	3.10045	3 X
K16V51R	17.3	0.15	K20CH	293.211	116.862	258.894	8.971	0.21957	3.12366	3 X
K16V51U	18.2	0.15	K2175	347.822	247.331	196.135	3.404	0.18114	2.74975	4 V
K16V51V	18.6	0.15	K2175	343.330	147.308	211.229	0.203	0.24756	3.05182	2 V
K16W06F	16.8	0.15	K20CH	292.653	134.333	240.598	9.060	0.17818	3.16602	9 X
K16W08T	16.9	0.15	K20CH	276.721	99.510	332.731	21.982	0.47300	3.15523	4 X
K16W11A	17.6	0.15	K20CH	269.423	285.923	128.244	2.336	0.15669	3.06950	6 X
K16W12Z	16.9	0.15	K20CH	329.319	68.236	260.975	15.938	0.28811	2.97851	5 X
K16W22D	16.0	0.15	K20CH	321.740	267.243	61.025	25.666	0.33768	3.14662	5 X
K16W23M	18.5	0.15	K20CH	198.312	32.320	38.781	22.389	0.08758	1.83780	6 X
K16W26X	17.5	0.15	K20CH	290.116	62.328	322.799	10.448	0.26877	3.11375	3 X
K16W33L	16.9	0.15	K20CH	266.451	220.780	198.223	17.090	0.24695	3.09536	5 X
K16W37Z	18.2	0.15	K20CH	303.114	117.235	243.030	7.389	0.38885	3.05242	2 X
K16W73J	17.2	0.15	K20CH	289.147	113.546	270.034	15.142	0.25324	3.14774	4 X
K16W75E	17.7	0.15	K20CH	291.958	192.848	189.600	15.496	0.27517	3.17908	2 X
K16X20V	18.2	0.15	K20CH	228.730	355.737	48.880	23.939	0.07496	1.89270	5 X
K16Y06C	16.6	0.15	K20CH	283.040	150.289	243.975	9.453	0.22428	3.15999	4 X
K16Y29E	17.4	0.15	K20CH	276.931	127.978	284.566	14.034	0.33178	3.11043	3 X
K16Y29P	17.9	0.15	K2175	316.933	192.182	207.925	14.767	0.26321	3.18336	2 V
K17B07D	16.0	0.15	K20CH	252.818	42.685	52.391	27.820	0.19085	3.24338	5 X
K17B38A	18.4	0.15	K20CH	237.221	73.010	323.128	17.002	0.10949	1.94210	7 X
K17E07C	16.8	0.15	K20CH	289.558	282.557	150.053	21.559	0.40298	3.15520	4 X
K17F78T	18.7	0.15	K20CH	5.839	17.843	225.442	5.890	0.15614	2.23401	6 X
K17FJ8S	18.7	0.15	K20CH	324.459	335.710	312.932	5.302	0.15714	2.21129	7 X
K17G25J	18.9	0.15	K20CH	339.511	18.229	246.788	6.273	0.22551	2.32409	2 X
K17H40C	18.6	0.15	K20CH	339.111	209.710	78.612	1.783	0.10156	2.23267	8 X
K17H84M	18.8	0.15	K20CH	313.129	99.238	203.002	6.960	0.19437	2.25807	4 X
K17J07S	18.6	0.15	K20CH	352.339	340.147	282.172	4.736	0.14675	2.26900	6 X
K17M10Z	18.2	0.15	K20CH	291.605	172.528	166.177	8.243	0.19847	2.46672	2 X
K17M23N	18.4	0.15	K20CH	336.921	340.733	307.612	6.470	0.12497	2.41695	2 X
K17N12Z	18.2	0.15	K20CH	330.350	37.035	263.644	3.449	0.20157	2.41344	7 X
K17N21G	19.0	0.15	K20CH	349.103	317.424	312.058	11.388	0.18287	2.42421	2 X
K17N21L	19.6	0.15	K20CH	309.284	238.027	88.969	3.298	0.20789	2.43572	2 X
K17O41X	18.2	0.15	K20CH	319.911	132.628	163.409	13.178	0.19759	2.55989	5 X
K17O60R	17.8	0.15	K20CH	324.918	146.602	147.364	15.330	0.18472	2.55730	6 X
K17O75B	18.2	0.15	K20CH	311.803	356.725	325.319	14.843	0.13312	2.54478	3 X
K17O79J	18.3	0.15	K20CH	282.760	198.715	163.035	12.515	0.20243	2.63550	3 X
K17O83F	17.7	0.15	K20CH	286.530	201.424	149.651	14.918	0.18583	2.56103	2 X
K17OC6Q	18.2	0.15	K20CH	342.949	53.133	230.734	9.220	0.10558	2.42670	3 X
K17OC7K	18.8	0.15	K20CH	272.582	77.124	293.458	8.965	0.17098	2.46269	3 X
K17P42O	17.5	0.15	K20CH	262.117	151.490	243.868	12.632	0.17141	2.65708	5 X
K17P43K	17.6	0.15	K20CH	271.197	184.867	204.103	13.943	0.24746	2.66287	4 X
K17Q16M	16.7	0.15	K20CH	273.528	235.002	162.215	28.943	0.41272	2.58133	8 X
K17Q23F	18.6	0.15	K20CH	265.869	75.665	312.758	9.072	0.22360	2.47686	5 X
K17Q51U	18.4	0.15	K20CH	275.310	349.178	35.963	1.952	0.24793	2.47982	6 X
K17Q52D	18.4	0.15	K20CH	258.144	49.385	337.796	13.800	0.17232	2.53974	4 X
K17Q63K	18.5	0.15	K2175	19.393	108.182	205.238	4.404	0.12109	2.43590	4 V
K17Q64X	18.0	0.15	K20CH	353.894	343.574	298.154	13.139	0.02210	2.51802	4 X
K17Q70H	18.0	0.15	K20CH	281.040	192.812	170.842	12.182	0.19779	2.61472	2 X
K17Q74R	18.1	0.15	K20CH	313.673	163.594	162.011	13.928	0.20653	2.55239	3 X
K17Q86K	18.0	0.15	K20CH	324.377	41.027	265.869	10.924	0.18376	2.54969	3 X
K17Q90G	17.9	0.15	K20CH	277.469	86.914	278.629	9.869	0.12154	2.57017	5 X
K17Q94F	18.2	0.15	K20CH	341.351	135.955	163.368	7.580	0.15923	2.58238	7 X
K17QA5Q	19.3	0.15	K2175	1.126	168.298	154.406	6.438	0.22639	2.52343	4 V
K17QC5E	17.2	0.15	K20CH	167.829	218.979	261.261	12.740	0.10520	2.54569	5 X
K17QC6Z	18.7	0.15	K20CH	248.125	132.540	267.854	8.574	0.14577	2.46459	2 X
K17QD0X	18.4	0.15	K20CH	299.735	42.504	297.321	10.886	0.10249	2.55524	5 X
K17QD0Z	18.2	0.15	K20CH	335.188	341.172	309.824	14.061	0.16983	2.54768	2 X
K17QD2C	18.1	0.15	K2175	305.155	137.716	259.875	7.053	0.13810	2.54795	5 V
K17R20N	18.0	0.15	K20CH	188.723	222.653	241.074	6.711	0.11893	2.57817	7 X
K17R36C	18.7	0.15	K20CH	333.120	152.022	152.272	3.648	0.15958	2.48439	5 X
K17R49V	17.6	0.15	K20CH	162.895	83.395	55.408	2.070	0.12414	2.46919	11 X

K17RA7Q	16.9	0.15	K20CH	166.078	171.634	313.108	11.386	0.14607	2.60729	9 X
K17RBOJ	17.0	0.15	K20CH	216.580	120.082	315.742	21.497	0.06792	2.66386	3 X
K17RB5J	17.4	0.15	K20CH	273.314	28.569	342.492	12.856	0.21710	2.70855	4 X
K17RB5R	18.3	0.15	K20CH	313.945	16.303	301.131	13.432	0.25373	2.58142	3 X
K17RB7Z	18.7	0.15	K20CH	288.472	186.934	163.372	14.626	0.26316	2.63343	3 X
K17RB8N	18.4	0.15	K20CH	276.402	80.288	292.442	11.813	0.20512	2.57663	2 X
K17RC1F	18.3	0.15	K20CH	288.659	82.738	278.189	11.416	0.20726	2.60216	5 X
K17RC1L	17.7	0.15	K20CH	319.320	4.178	312.299	15.337	0.16055	2.64844	6 X
K17RD7U	18.3	0.15	K20CH	290.410	82.898	269.103	13.689	0.16079	2.53732	2 X
K17RD8C	18.8	0.15	K20CH	282.230	87.565	275.805	6.591	0.13934	2.54469	2 X
K17S21U	18.9	0.15	K20CH	246.700	106.997	317.522	10.583	0.25910	2.52677	2 X
K17S37N	17.9	0.15	K20CH	275.614	35.131	336.448	13.473	0.21140	2.60834	2 X
K17S91T	18.2	0.15	K20CH	239.505	271.557	163.683	11.601	0.22228	2.52311	7 X
K17S92X	17.9	0.15	K20CH	287.576	178.897	169.337	11.536	0.23325	2.58310	3 X
K17SA7R	19.0	0.15	K20CH	284.440	152.617	204.027	14.744	0.14664	2.54728	3 X
K17SABG	17.6	0.15	K20CH	315.125	21.348	297.429	12.206	0.16490	2.59367	7 X
K17SB2H	18.5	0.15	K20CH	332.313	85.033	209.682	6.604	0.19707	2.54928	5 X
K17SD0A	17.5	0.15	K20CH	299.790	145.451	194.071	14.049	0.10764	2.57906	7 X
K17SD5K	18.2	0.15	K20CH	292.406	213.619	147.468	6.031	0.29942	2.56320	4 X
K17SD9O	18.5	0.15	K20CH	285.518	162.601	201.730	12.974	0.28162	2.59769	4 X
K17SE2W	18.3	0.15	K20CH	286.853	197.047	175.474	11.295	0.25078	2.57969	3 X
K17SF9E	18.5	0.15	K2175	336.397	199.037	169.369	14.662	0.25762	2.58359	2 V
K17SH1M	17.7	0.15	K20CH	302.603	126.823	210.343	11.684	0.15152	2.62895	5 X
K17SIOW	18.1	0.15	K20CH	296.224	164.302	177.942	34.244	0.21680	2.59464	2 X
K17SK2R	17.5	0.15	K20CH	271.966	18.357	352.820	12.580	0.19430	2.66311	5 X
K17SK2X	17.9	0.15	K20CH	346.582	134.411	162.927	11.065	0.15587	2.70453	5 X
K17SK8E	17.4	0.15	K20CH	257.573	357.923	73.469	15.808	0.21490	2.61673	5 X
K17SL6J	18.3	0.15	K20CH	256.057	215.635	200.778	8.354	0.16538	2.65573	3 X
K17SQ2W	18.5	0.15	K20CH	330.028	116.389	168.250	13.324	0.27265	2.63720	4 X
K17SQ3J	18.6	0.15	K20CH	302.871	43.178	282.876	16.478	0.24429	2.59982	2 X
K17SQ5H	18.4	0.15	K20CH	273.580	62.939	312.695	13.639	0.13516	2.58830	2 X
K17SQ5X	18.4	0.15	K20CH	332.113	331.718	315.407	13.557	0.24135	2.56983	4 X
K17SQ7D	18.6	0.15	K20CH	318.138	109.263	204.654	12.617	0.24537	2.61085	2 X
K17SR1X	18.2	0.15	K20CH	320.304	51.700	254.428	12.061	0.25153	2.61813	3 X
K17SR2Z	18.0	0.15	K20CH	249.879	152.978	257.256	10.661	0.20391	2.53254	3 X
K17SR3J	17.5	0.15	K20CH	356.683	9.921	266.056	11.504	0.10343	2.62851	5 X
K17SR3K	18.4	0.15	K20CH	313.659	91.296	233.834	13.052	0.17519	2.55669	4 X
K17SR6J	18.7	0.15	K20CH	300.302	150.508	190.702	10.516	0.20773	2.60374	3 X
K17SR9G	18.2	0.15	K20CH	284.700	51.145	310.859	10.849	0.13324	2.64217	2 X
K17SR9S	18.2	0.15	K2175	344.442	280.593	71.701	1.413	0.08674	2.58188	6 V
K17SR9T	18.8	0.15	K2175	359.127	343.500	346.070	3.130	0.17806	2.60245	2 V
K17SR9U	18.6	0.15	K2175	336.922	11.527	1.012	5.181	0.12400	2.55744	2 V
K17SR9V	18.5	0.15	K2175	296.297	118.354	299.616	12.089	0.23542	2.57957	3 V
K17SR9W	19.0	0.15	K2175	345.869	324.724	22.800	5.143	0.20483	2.56495	3 V
K17T10U	17.7	0.15	K20CH	265.710	137.374	256.203	5.353	0.18300	2.60999	6 X
K17T29W	17.9	0.15	K20CH	331.828	42.361	258.482	10.850	0.18160	2.64758	4 X
K17T30A	17.6	0.15	K20CH	304.962	29.717	307.009	11.381	0.16840	2.64812	4 X
K17T31L	18.0	0.15	K20CH	347.397	263.655	31.786	5.909	0.12513	2.59211	7 X
K17T40M	17.9	0.15	K20CH	354.778	349.696	284.779	12.918	0.14436	2.62622	3 X
K17T40U	18.5	0.15	K20CH	279.473	136.713	231.919	11.309	0.17704	2.64753	3 X
K17U12N	17.8	0.15	K20CH	268.528	69.003	317.146	11.559	0.19826	2.57025	5 X
K17U22G	19.2	0.15	K20CH	298.152	147.221	183.117	11.443	0.30881	2.58351	2 X
K17U39B	18.0	0.15	K20CH	270.016	171.669	217.831	12.599	0.25038	2.61550	5 X
K17U41Y	18.9	0.15	K20CH	300.447	76.198	273.802	12.741	0.35064	2.55740	3 X
K17U42L	17.9	0.15	K20CH	294.470	126.537	228.601	11.989	0.18481	2.69215	5 X
K17U50E	17.9	0.15	K20CH	264.866	181.149	220.910	13.759	0.25692	2.62759	2 X
K17U64W	18.8	0.15	K2175	310.259	43.016	1.641	5.802	0.25238	2.62342	3 V
K17U66Z	17.1	0.15	K20CH	265.122	189.546	224.475	31.893	0.13915	2.60793	3 X
K17U71A	18.4	0.15	K20CH	261.077	159.031	248.183	11.093	0.25553	2.67339	3 X
K17U71S	19.2	0.15	K20CH	285.593	357.121	18.562	6.059	0.23201	2.61122	2 X
K17U75G	18.0	0.15	K20CH	301.902	76.182	270.443	4.694	0.09015	2.72289	4 X
K17U83Q	17.6	0.15	K20CH	13.356	4.481	270.985	8.955	0.02447	2.76597	4 X
K17U89X	18.9	0.15	K20CH	285.002	131.462	238.529	5.539	0.29149	2.63336	2 X
K17U98M	17.1	0.15	K20CH	338.575	331.075	325.501	12.768	0.18756	2.75681	6 X
K17U98N	17.4	0.15	K20CH	348.095	49.452	236.083	7.679	0.19738	2.74785	7 X
K17UA4X	17.9	0.15	K20CH	311.044	74.570	264.302	5.334	0.07325	2.74750	7 X
K17UC1F	17.7	0.15	K20CH	319.376	14.545	314.789	10.852	0.06408	2.70773	5 X
K17UD0M	18.3	0.15	K2175	295.328	279.772	145.504	7.008	0.21222	2.62550	4 V
K17UD6L	18.6	0.15	K20CH	261.221	267.183	144.688	5.898	0.21110	2.63720	5 X
K17UE4E	17.7	0.15	K20CH	321.418	9.732	300.311	9.445	0.19212	2.65244	4 X
K17UE5K	19.0	0.15	K20CH	307.459	42.056	287.864	5.484	0.25914	2.64590	2 X
K17UE6R	17.4	0.15	K20CH	278.741	38.377	346.434	8.856	0.07898	2.70167	6 X
K17UE9B	18.6	0.15	K2175	347.145	60.136	294.087	1.314	0.21928	2.62777	4 V
K17UE9V	18.5	0.15	K20CH	292.028	147.650	206.320	13.229	0.27244	2.60991	2 X
K17UF2R	18.0	0.15	K20CH	295.166	317.475	24.410	7.086	0.20910	2.66828	3 X
K17UF3H	18.3	0.15	K20CH	266.712	146.722	234.435	10.342	0.07436	2.73728	3 X
K17UF3N	18.6	0.15	K20CH	279.675	79.776	293.726	9.606	0.21221	2.64677	2 X
K17UF4B	18.7	0.15	K20CH	289.577	67.557	302.667	2.379	0.15135	2.64379	4 X
K17UF6K	18.4	0.15	K2175	300.049	116.242	285.723	12.018	0.16566	2.65151	2 V
K17V09Z	17.4	0.15	K20CH	272.010	78.067	302.907	10.367	0.07935	2.73351	6 X
K17V15P	17.8	0.15	K20CH	259.356	111.230	291.681	11.446	0.20092	2.57396	5 X
K17V21A	17.4	0.15	K20CH	242.280	200.368	229.011	12.543	0.21207	2.64629	7 X
K17V21G	17.6	0.15	K20CH	246.062	28.534	9.820	5.593	0.06011	2.76768	8 X
K17V32Y	18.6	0.15	K20CH	292.007	152.797	205.207	5.156	0.36697	2.59951	2 X
K17W02T	17.9	0.15	K20CH	244.730	213.845	217.563	12.608	0.23834	2.67467	5 X
K17W08V	16.7	0.15	K20CH	79.447	0.996	203.377	11.660	0.10655	3.01981	9 X
K17W10O	17.8	0.15	K20CH	294.234	303.873	46.155	14.941	0.31697	2.66065	2 X
K17W12N	15.4	0.15	K20CH	177.367	86.753	70.765	27.408	0.01956	3.15417	9 X
K17W25B	17.7	0.15	K20CH	244.158	278.892	164.376	11.663	0.27689	2.64854	5 X
K17W25L	17.5	0.15	K20CH	260.473	265.511	135.191	12.975	0.25146	2.71796	5 X
K17W31C	18.3	0.15	K20CH	250.765	127.888	298.642	7.555	0.30121	2.67565	3 X
K17W35Q	17.8	0.15	K20CH	254.863	147.860	264.651	12.144	0.24207	2.69370	4 X
K17W38P	16.3	0.15	K20CH	176.121	194.051	295.658	17.599	0.18900	2.92824	4 X

K17W46B	17.3	0.15	K20CH	296.596	81.058	292.119	13.372	0.16772	2.61012	5 X
K17W46X	18.0	0.15	K20CH	260.109	259.902	148.691	4.692	0.09412	2.75510	5 X
K17W47M	17.3	0.15	K20CH	347.790	178.936	126.556	15.067	0.24277	2.67904	4 X
K17W51Y	18.0	0.15	K20CH	292.742	271.750	98.313	1.594	0.09202	2.75377	5 X
K17W53G	17.8	0.15	K20CH	299.981	141.569	197.620	5.392	0.08284	2.78758	5 X
K17W59O	16.6	0.15	K20CH	203.598	189.740	281.004	15.915	0.13193	3.10976	5 X
K17W64C	18.8	0.15	K2175	276.146	306.664	196.903	6.284	0.04163	2.39026	3 V
K17W65A	19.7	0.15	K20CH	285.452	214.998	153.402	7.430	0.39729	2.61971	2 X
K17W66K	18.4	0.15	K20CH	268.952	84.428	311.531	15.878	0.22453	2.63117	3 X
K17W66U	18.9	0.15	K20CH	282.831	118.855	255.022	10.469	0.30152	2.65300	2 X
K17W67E	19.0	0.15	K20CH	289.208	44.628	321.053	12.497	0.28219	2.61457	2 X
K17W68T	17.9	0.15	K20CH	254.357	119.475	288.612	5.214	0.13919	2.75189	2 X
K17W68U	17.9	0.15	K2175	354.261	106.619	232.993	8.183	0.10375	2.71859	3 V
K17X06J	18.0	0.15	K20CH	273.561	120.342	265.807	6.876	0.16081	2.68039	4 X
K17X11Z	17.8	0.15	K20CH	257.679	359.265	61.038	23.141	0.09680	2.61111	4 X
K17X50L	17.6	0.15	K20CH	308.059	279.165	73.066	13.978	0.22806	2.61463	4 X
K17X56G	17.1	0.15	K20CH	317.849	272.888	71.319	14.893	0.15043	2.65450	8 X
K17X72D	17.5	0.15	K20CH	235.839	122.753	312.564	8.475	0.11716	2.98061	5 X
K17X80V	17.7	0.15	K20CH	288.565	27.290	330.349	8.891	0.20648	2.73522	3 X
K17X81P	17.3	0.15	K20CH	246.584	129.201	291.460	14.024	0.13125	2.85152	6 X
K17X81U	18.6	0.15	K2175	73.921	237.975	108.700	7.333	0.13707	2.32116	4 V
K17Y43V	17.3	0.15	K20CH	302.500	45.934	306.085	13.790	0.12882	3.07680	3 X
K17Y46B	17.5	0.15	K20CH	311.709	64.579	281.696	8.113	0.09001	3.07643	4 X
K17Y46C	17.8	0.15	K20CH	244.772	137.717	296.816	11.539	0.28363	2.73793	3 X
K18A47U	16.8	0.15	K20CH	135.716	240.380	280.238	11.793	0.03245	3.23837	6 X
K18A49C	17.7	0.15	K20CH	270.995	76.206	319.204	17.646	0.14683	3.05041	3 X
K18B18O	16.7	0.15	K20CH	359.661	313.924	357.996	22.301	0.06387	3.14581	5 X
K18B29K	17.2	0.15	K20CH	283.010	110.333	298.165	14.642	0.21044	2.91372	4 X
K18B29T	17.8	0.15	K2175	166.281	298.676	318.044	14.400	0.00610	2.64676	4 V
K18F46G	15.9	0.15	K20CH	30.513	247.606	44.654	4.505	0.04693	4.01215	6 X
K18G02Z	18.1	0.15	K20CH	259.521	300.206	52.271	20.103	0.11901	1.78842	7 X
K18R01Y	24.4	0.15	K20CH	192.889	325.029	199.762	1.167	0.33892	0.82238	2 X
K18R37Q	18.6	0.15	K20CH	261.898	343.591	12.435	8.363	0.17121	2.14663	4 X
K18R61O	19.1	0.15	K20CH	284.482	180.676	142.707	6.199	0.20416	2.16249	5 X
K18R62C	18.7	0.15	K20CH	356.826	5.268	255.153	6.542	0.03741	2.19571	6 X
K18U31J	18.9	0.15	K20CH	279.188	28.227	317.914	8.260	0.23417	2.17793	2 X
K18V37U	19.4	0.15	K20CH	260.437	75.997	293.955	4.256	0.15772	2.16754	4 X
K18V48X	18.5	0.15	K20CH	234.746	121.503	280.906	4.843	0.13341	2.20385	7 X
K18V57P	18.7	0.15	K20CH	241.209	148.712	254.408	2.459	0.09822	2.20831	8 X
K18VE8F	19.7	0.15	K20CH	268.356	352.853	2.078	8.939	0.23586	2.19389	2 X
K18X34A	17.8	0.15	K20CH	74.557	239.719	326.127	13.781	0.04800	2.62493	4 X
K18Y09F	17.2	0.15	K20CH	44.720	324.064	262.529	13.576	0.19244	3.05832	5 X
K19A03Q	17.4	0.15	K2175	64.339	163.159	64.485	47.218	0.31429	0.58865	4 X
K19A41A	18.8	0.15	K20CH	213.603	147.539	293.460	5.670	0.13894	2.41944	6 X
K19A49P	17.9	0.15	K20CH	177.737	189.483	284.498	12.184	0.12569	2.60361	2 X
K19A84E	17.3	0.15	K20CH	327.567	358.751	318.807	12.529	0.05652	2.66751	6 X
K19A88F	19.0	0.15	K2175	284.880	98.578	340.570	21.798	0.29812	2.33489	3 V
K19B11H	17.1	0.15	K20CH	4.809	325.254	318.967	15.711	0.12990	2.99223	2 X
K19B11K	16.8	0.15	K20CH	52.924	280.830	296.383	14.437	0.21729	3.18353	3 X
K19C19O	17.1	0.15	K20CH	98.736	256.702	294.238	9.303	0.06631	2.98044	2 X
K19C19Q	19.1	0.15	K2175	303.163	71.390	334.327	0.841	0.18466	2.39487	4 V
K19F25M	17.0	0.15	K20CH	246.827	113.880	300.173	9.644	0.04314	3.04580	7 X
K19G60A	17.0	0.15	K20CH	171.794	242.173	248.534	8.153	0.02975	3.17456	7 X
K19GB7X	17.1	0.15	K20CH	276.720	178.293	210.342	12.294	0.12011	3.17040	3 X
K19GB8P	16.9	0.15	K20CH	55.460	27.663	215.456	10.382	0.01228	3.17098	2 X
K19GB8S	17.1	0.15	K2175	44.945	229.212	119.527	21.688	0.11190	2.80507	5 V
K19GB8T	16.8	0.15	K2175	318.400	181.268	199.299	11.790	0.08744	3.14239	8 V
K19GB8U	17.1	0.15	K2175	336.460	326.957	49.174	2.676	0.08473	2.89904	4 V
K19GB8V	17.4	0.15	K2175	287.797	27.448	32.052	6.544	0.06335	2.90921	3 V
K19J62D	16.2	0.15	K20CH	295.146	338.237	61.719	20.429	0.22105	3.10833	8 X
K19JA6U	17.8	0.15	K2175	95.648	306.995	0.315	4.194	0.05887	2.79908	3 V
K19L04A	13.6	0.15	K20CH	330.562	132.927	256.951	21.872	0.04483	5.12677	10 X
K19L28X	17.0	0.15	K2175	12.132	197.658	191.864	6.264	0.09342	2.91575	8 V
K19Q03G	15.7	0.15	K20CH	216.035	311.327	172.104	27.394	0.03286	3.17662	9 X
K20B33J	19.0	0.15	K20CH	166.215	123.950	328.945	18.129	0.08775	1.94449	4 X
K20B63W	17.9	0.15	K20CH	39.898	315.364	267.589	9.085	0.17317	2.54159	4 X
K20B90V	19.2	0.15	K20CH	338.882	291.110	335.137	19.154	0.04877	1.93558	5 X
K20B91N	17.9	0.15	K20CH	4.534	273.315	332.104	24.851	0.32307	2.74566	3 X
K20B91P	19.3	0.15	K20CH	51.497	233.662	322.227	18.645	0.03284	1.94397	2 X
K20C03Z	17.3	0.15	K20CH	46.756	333.970	246.755	7.763	0.15947	2.63633	10 X
K20F10M	17.5	0.15	K20CH	98.418	309.833	225.693	12.153	0.11992	2.61142	5 X
K20F26S	18.1	0.15	K20CH	4.043	66.248	199.739	15.266	0.14781	2.78082	5 X
K20G04U	16.8	0.15	K20CH	359.802	69.934	215.592	15.572	0.19412	3.15791	6 X
K20G08D	17.5	0.15	K20CH	47.691	13.998	216.048	9.020	0.06861	2.66306	10 X
K20G27N	18.2	0.15	K20CH	339.550	93.852	196.727	12.728	0.14574	2.65918	5 X
K20H17T	17.1	0.15	K20CH	357.113	224.188	81.897	18.019	0.23924	3.12755	5 X
K20H26Y	17.0	0.15	K20CH	18.504	12.957	249.708	9.278	0.11597	3.05979	4 X
K20H44A	17.4	0.15	K20CH	349.499	73.057	218.388	15.246	0.20547	3.16944	4 X
K20H47D	18.3	0.15	K20CH	352.091	80.377	210.801	5.311	0.08881	2.52668	6 X
K20H68E	18.0	0.15	K20CH	329.205	97.752	208.204	19.477	0.12881	2.75022	4 X
K20H88G	18.3	0.15	K20CH	344.894	300.779	349.489	15.570	0.16950	2.52607	2 X
K20HB9L	17.9	0.15	K20CH	355.853	358.951	274.011	7.203	0.16909	2.77801	2 X
K20HC1U	18.0	0.15	K20CH	328.847	56.823	252.856	6.355	0.21003	2.80560	2 X
K20HC2N	17.9	0.15	K20CH	52.906	326.168	254.117	11.211	0.02593	2.53054	3 X
K20HC2R	18.3	0.15	K20CH	287.709	62.151	282.225	5.967	0.14024	2.31258	4 X
K20HC5H	18.3	0.15	K20CH	1.842	14.042	252.942	6.982	0.11497	2.61935	5 X
K20HC5N	18.0	0.15	K20CH	327.945	70.847	233.760	7.948	0.18649	2.65052	4 X
K20HC5O	18.1	0.15	K20CH	344.805	66.778	216.150	10.848	0.19440	2.74596	3 X
K20HC5W	17.8	0.15	K20CH	320.637	316.182	12.029	13.677	0.19721	2.70667	2 X
K20HC7N	17.7	0.15	K20CH	351.686	80.345	210.397	8.392	0.20222	3.11182	2 X
K20HD0A	17.3	0.15	K2175	10.133	279.379	47.719	26.378	0.23624	3.18510	3 V
K20HD0B	18.4	0.15	K2175	20.953	115.194	188.157	3.001	0.17827	2.74525	2 V
K20J10M	16.8	0.15	K20CH	121.793	277.251	241.725	14.168	0.05883	2.54843	5 X

K20J27P	17.1	0.15	K20CH	136.485	95.580	44.146	28.127	0.03221	3.00277	4 X
K20J33C	17.5	0.15	K20CH	353.642	349.488	295.446	9.385	0.19363	3.15048	4 X
K20J33Z	17.0	0.15	K20CH	345.886	152.527	141.887	13.153	0.10481	3.14748	4 X
K20J34M	17.5	0.15	K20CH	327.987	34.019	288.068	10.892	0.14858	3.01113	4 X
K20J36K	17.5	0.15	K20CH	319.759	146.820	189.649	18.964	0.14720	3.11013	2 X
K20K21F	17.3	0.15	K20CH	356.008	50.211	244.580	12.304	0.13456	3.09883	4 X
K20K24T	16.9	0.15	K20CH	3.502	35.779	249.824	12.818	0.05620	3.19947	6 X
K20K24U	16.8	0.15	K20CH	4.311	4.639	278.967	9.207	0.11729	3.07223	7 X
K20K27T	17.1	0.15	K20CH	323.384	100.105	230.593	7.820	0.09259	3.07100	6 X
K20K28Q	16.9	0.15	K20CH	327.869	280.748	62.495	21.718	0.28275	3.13712	4 X
K20K38U	17.4	0.15	K20CH	346.842	3.730	297.657	8.743	0.11485	3.09669	4 X
K20K38V	17.0	0.15	K20CH	359.122	34.562	253.630	10.559	0.06834	3.17788	5 X
K20K39J	17.4	0.15	K20CH	355.941	9.106	280.236	8.500	0.07762	3.03723	3 X
K20K40N	17.6	0.15	K20CH	329.314	120.681	206.314	9.119	0.10085	3.17065	4 X
K20K40X	17.0	0.15	K2175	11.550	190.920	132.927	3.665	0.10488	3.08391	8 V
K20K40Y	17.3	0.15	K2175	336.684	123.738	235.582	8.540	0.10563	2.92752	4 V
K20K40Z	18.0	0.15	K2175	321.996	93.113	279.995	5.460	0.06314	2.75849	2 V
K20L13X	17.1	0.15	K20CH	322.536	73.669	256.588	9.817	0.07875	3.21728	5 X
K20L13Y	17.4	0.15	K20CH	7.242	48.332	233.950	8.354	0.05231	3.10634	2 X
K20M40Z	17.2	0.15	K20CH	350.585	72.559	232.401	8.962	0.05682	3.12677	6 X
K20M41Y	18.4	0.15	K2175	215.064	305.342	194.487	7.605	0.08069	2.34968	6 V
K20M41Z	16.9	0.15	K2175	359.444	112.533	221.756	10.491	0.09298	3.12717	3 V
K20M42A	17.3	0.15	K2175	341.366	201.504	158.197	6.436	0.07673	2.94072	3 V
K20OA2N	16.7	0.15	K2175	188.371	283.988	273.343	10.049	0.05804	3.21253	4 V
K20P74Y	14.5	0.15	K2175	300.082	40.938	33.980	8.443	0.04051	5.15554	6 V
K20Q83M	17.7	0.15	K2175	87.041	299.316	19.987	2.112	0.06812	2.88513	4 V
K20Q83N	16.9	0.15	K2175	114.270	31.774	244.455	4.577	0.10919	3.09645	6 V
K20Q83O	17.0	0.15	K2175	2.706	194.757	215.565	4.186	0.10037	3.06811	7 V
K20X07K	19.5	0.15	K2175	27.630	26.984	197.593	8.069	0.55793	2.01347	3 X
K21M08C	18.3	0.15	K20CH	321.026	9.256	293.052	6.154	0.32763	2.64632	3 X
K21M08T	18.4	0.15	K20CH	240.559	205.048	207.313	8.737	0.16814	2.47544	5 X
K21M12T	17.5	0.15	K20CH	289.058	272.422	115.749	11.672	0.31794	2.64215	4 X
K21M12Z	17.2	0.15	K20CH	290.389	121.642	256.100	12.659	0.13286	3.11856	4 X
K21M13R	17.8	0.15	K20CH	2.747	329.253	284.473	12.871	0.23083	2.64378	3 X
K21M13S	18.0	0.15	K20CH	300.616	62.264	272.246	13.016	0.07762	2.51522	3 X
K21O03O	17.4	0.15	K20CH	286.869	100.084	298.994	8.190	0.28780	3.18833	5 X
K21O11F	17.8	0.15	K20CH	281.527	46.496	327.980	13.023	0.21648	2.66835	4 X
K21O11T	18.1	0.15	K20CH	311.818	79.043	251.010	6.375	0.24332	2.80192	2 X
K21O17C	18.9	0.15	K20CH	299.966	71.242	257.182	5.535	0.20230	2.40967	5 X
K21P08U	17.3	0.15	K20CH	285.397	175.415	192.309	16.325	0.03382	3.03746	6 X
K21P08W	17.5	0.15	K20CH	288.870	117.826	247.669	8.409	0.07829	3.02777	4 X
K21P15G	17.4	0.15	K20CH	322.549	24.498	311.121	12.852	0.12862	3.05955	5 X
K21P15J	17.2	0.15	K20CH	1.509	37.535	250.413	7.951	0.07659	3.08646	4 X
K21P16E	17.6	0.15	K2175	342.901	29.853	321.056	14.590	0.12600	2.61998	3 V
K21P28E	17.1	0.15	K2175	347.647	76.199	273.635	8.720	0.06539	3.07935	4 V
K21P48T	17.7	0.15	K20CH	342.184	48.764	254.170	11.319	0.06768	2.98466	3 X
K21P49S	17.1	0.15	K20CH	259.047	67.442	337.673	21.081	0.17309	3.05909	4 X
K21P52F	19.2	0.15	K20CH	248.932	175.404	191.887	22.611	0.08295	1.98469	4 X
K21P54O	17.9	0.15	K2175	343.992	189.851	169.894	9.729	0.17770	2.76128	2 V
K21P55A	18.4	0.15	K2175	349.141	213.118	125.837	3.381	0.23763	2.24938	4 V
K21P57V	18.2	0.15	K20CH	313.130	357.312	342.251	7.198	0.11403	2.63306	4 X
K21P64G	17.0	0.15	K20CH	292.781	121.532	248.180	9.029	0.01652	3.21390	6 X
K21P64L	17.3	0.15	K20CH	270.108	132.968	257.134	7.901	0.08916	3.07954	4 X
K21P71Z	17.5	0.15	K20CH	322.688	45.308	284.021	5.989	0.05123	2.96064	3 X
K21P76S	17.0	0.15	K20CH	296.158	129.981	230.042	9.591	0.04593	2.98227	6 X
K21P77B	17.5	0.15	K20CH	307.323	46.570	295.883	12.000	0.09277	2.85402	4 X
K21P77D	17.7	0.15	K20CH	300.565	126.251	226.162	8.892	0.12333	2.98161	5 X
K21P77E	17.6	0.15	K20CH	295.639	123.106	236.614	8.458	0.08034	3.00681	4 X
K21P77L	17.7	0.15	K20CH	292.503	156.963	208.480	8.586	0.05673	2.99408	4 X
K21P77O	17.3	0.15	K20CH	288.433	102.946	266.386	8.964	0.07766	3.12188	4 X
K21P91A	18.5	0.15	K20CH	318.122	78.386	236.435	4.852	0.19749	2.57945	4 X
K21P93Z	17.0	0.15	K20CH	292.400	97.542	305.964	15.303	0.24245	3.12618	4 X
K21P99L	17.6	0.15	K20CH	302.205	72.019	295.061	11.820	0.19866	2.64576	5 X
K21PA1N	17.5	0.15	K20CH	269.825	95.093	298.007	8.571	0.10773	2.94478	6 X
K21PA3W	18.7	0.15	K2175	15.911	140.377	183.870	12.129	0.06180	2.29619	5 V
K21PA3X	17.5	0.15	K2175	332.175	198.088	171.739	4.094	0.11201	3.11752	5 V
K21PA3Y	17.1	0.15	K2175	323.823	210.468	170.389	8.272	0.09397	3.10787	6 V
K21PA3Z	18.4	0.15	K2175	340.955	110.003	238.524	8.222	0.21695	2.70697	4 V
K21PA4A	18.8	0.15	K2175	323.003	205.465	183.053	0.864	0.19053	2.35986	5 V
K21Q01U	17.7	0.15	K20CH	334.529	90.651	205.657	19.317	0.21105	2.80411	4 X
K21Q10X	20.6	0.15	K20CH	256.575	156.314	184.659	18.869	0.12642	1.84383	4 X
K21Q17D	18.3	0.15	K20CH	309.491	118.480	215.760	13.347	0.17669	2.86425	4 X
K21Q17E	18.5	0.15	K20CH	232.361	103.228	305.867	6.151	0.08993	2.33604	4 X
K21Q43U	17.6	0.15	K20CH	329.744	304.224	10.167	14.887	0.19823	2.69852	4 X
K21Q44L	17.5	0.15	K2175	303.090	277.141	123.104	3.027	0.06456	2.85543	5 V
K21Q44M	17.8	0.15	K2175	356.093	27.366	317.657	3.823	0.06769	2.61803	5 V
K21Q44N	18.6	0.15	K2175	45.182	298.634	344.808	2.435	0.09001	2.29506	5 V
K21Q44O	17.5	0.15	K2175	326.291	7.925	9.412	8.126	0.07547	3.05796	4 V
K21Q44P	17.8	0.15	K2175	299.815	101.325	328.026	16.990	0.31992	3.10579	4 V
K21R23S	16.9	0.15	K20CH	325.001	112.675	239.466	24.645	0.16965	3.18461	4 X
K21R24D	14.7	0.15	K2175	313.297	186.621	224.778	4.198	0.05614	5.31177	5 V
K21R24F	17.1	0.15	K2175	32.494	314.079	2.757	10.321	0.04888	3.04017	7 V
K21R24G	18.0	0.15	K2175	350.122	316.169	30.432	5.694	0.07907	2.77896	4 V
K21R24H	17.4	0.15	K2175	307.181	42.394	9.640	9.773	0.10811	3.05996	4 V

New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K12U09Y	24.2	0.15	K2175	296.785	317.322	349.153	2.760	0.40540	1.50433	4 X	
K17T41N	18.8	0.15	K2175	8.586	36.130	285.768	2.748	0.18681	2.56353	1 V	
K21E04Z	26.1	0.15	K2175	29.158	247.193	2.607	3.093	0.10587	1.13079	175 X	
K21J02H	19.3	0.15	K2175	351.392	313.258	356.614	6.595	0.52702	2.17740	145 X	
K21J07G	21.1	0.15	K20CH	314.855	105.932	198.092	9.898	0.63536	2.99184	170 X	
K21L02K	20.1	0.15	K20CH	300.003	25.169	285.502	7.974	0.51972	2.33880	112 X	

K21L15N	20.2	0.15	K2175	337.988	31.926	325.065	7.845	0.47264	2.26496	103	X
K21L19C	21.8	0.15	K2175	355.832	40.235	250.842	6.823	0.51920	2.34783	107	X
K21L32G	17.6	0.15	K20CH	293.255	76.362	288.136	25.029	0.33778	2.60043	112	X
K21L32J	18.8	0.15	K20CH	313.082	117.908	168.004	6.082	0.24766	2.28793	105	X
K21L33L	17.6	0.15	K20CH	313.398	44.143	307.088	13.429	0.29184	3.15358	110	X
K21M01G	18.1	0.15	K2175	343.942	183.751	173.943	24.257	0.65405	2.76174	100	X
K21M01O	18.4	0.15	K20CH	300.884	337.865	19.739	14.469	0.55983	2.81053	99	X
K21M08Y	19.0	0.15	K20CH	330.052	50.651	236.142	7.042	0.29394	2.66464	99	X
K21M12P	17.5	0.15	K20CH	313.641	25.904	313.512	19.057	0.20967	3.07891	100	X
K21M13C	18.7	0.15	K20CH	328.399	15.885	276.504	14.533	0.27463	2.62293	99	X
K21M16B	17.0	0.15	K20CH	333.175	255.201	72.890	2.938	0.06846	2.87816	101	X
K21M16U	17.9	0.15	K2175	349.888	29.770	305.362	28.356	0.17878	2.78841	99	V
K21N01Y	21.5	0.15	K20CH	290.511	172.074	174.841	6.241	0.59504	2.44588	106	X
K21N05U	23.5	0.15	K2175	345.508	267.650	62.164	3.086	0.50425	2.12731	62	X
K21N05W	20.3	0.15	K20CH	312.000	327.050	340.861	14.575	0.53581	2.73735	79	X
K21N11A	16.7	0.15	K20CH	296.421	56.960	313.435	15.659	0.23725	3.13360	79	X
K21N34Z	19.8	0.15	K20CH	271.273	352.054	8.823	4.700	0.29793	2.27391	82	X
K21N39M	20.3	0.15	K2175	316.256	266.783	135.607	4.735	0.48192	2.03795	100	X
K21N43F	18.1	0.15	K20CH	337.849	271.064	343.639	27.016	0.36624	2.65915	84	X
K21N44M	17.6	0.15	K20CH	271.779	72.800	314.093	12.129	0.21810	2.76703	76	X
K21N44T	18.7	0.15	K20CH	324.948	72.230	230.173	11.821	0.27438	2.63049	81	X
K21N45M	18.8	0.15	K20CH	316.796	13.356	300.822	9.609	0.28219	2.73564	79	X
K21O02L	17.2	0.15	K20CH	327.001	341.527	327.706	12.532	0.19579	2.75052	68	X
K21O02O	18.8	0.15	K20CH	318.283	332.383	337.590	15.059	0.29308	2.61273	68	X
K21O03D	18.4	0.15	K20CH	308.352	77.662	272.441	8.330	0.36947	3.06247	58	X
K21O04F	18.4	0.15	K20CH	299.606	25.256	326.762	13.854	0.33635	2.70629	68	X
K21O04Q	19.0	0.15	K20CH	312.594	354.145	316.985	6.067	0.20085	2.38023	68	X
K21O07Z	19.3	0.15	K20CH	303.147	52.545	260.326	4.889	0.17787	2.19739	70	X
K21O08P	19.6	0.15	K20CH	304.779	42.441	267.125	5.216	0.22366	2.26871	58	X
K21O09G	18.6	0.15	K20CH	310.338	317.327	358.316	13.331	0.26574	2.68185	58	X
K21O13E	18.7	0.15	K20CH	283.444	51.833	321.037	9.364	0.20140	2.72005	57	X
K21O13L	20.0	0.15	K20CH	233.241	65.220	330.006	23.211	0.18787	2.02612	71	X
K21O18C	18.1	0.15	K20CH	302.215	11.108	331.974	14.719	0.13283	2.64760	68	X
K21O18H	18.6	0.15	K20CH	284.487	78.835	304.300	13.207	0.31949	2.77933	71	X
K21O18P	19.8	0.15	K20CH	280.317	37.878	308.767	7.368	0.16917	2.26108	68	X
K21O18U	17.8	0.15	K20CH	341.627	0.112	295.535	11.567	0.15040	2.75629	70	X
K21O19P	17.5	0.15	K20CH	339.371	350.041	316.740	17.066	0.20207	3.12362	70	X
K21O19R	19.2	0.15	K2175	12.144	344.438	321.287	2.038	0.20506	2.38226	67	V
K21O19S	17.4	0.15	K2175	26.216	337.572	308.515	17.430	0.23638	3.06673	70	V
K21P02F	24.3	0.15	K20CH	222.543	159.748	208.071	2.781	0.35400	1.61569	53	X
K21P02R	22.5	0.15	K2175	331.260	190.601	164.554	4.447	0.43109	1.88676	52	X
K21P02S	19.9	0.15	K20CH	265.052	78.873	163.390	7.924	0.47317	1.55355	51	X
K21P04H	21.0	0.15	K2175	336.241	330.442	58.180	6.726	0.64992	2.71553	49	X
K21P05N	25.3	0.15	K2175	299.430	235.655	141.562	6.316	0.23702	1.35351	49	X
K21P10E	20.6	0.15	K2175	333.636	136.958	220.633	4.821	0.46716	2.16970	46	X
K21P10M	17.2	0.15	K20CH	354.561	334.974	306.326	18.071	0.20932	3.08614	55	X
K21P10W	17.9	0.15	K20CH	328.554	31.273	288.330	11.666	0.18477	3.19378	54	X
K21P11R	18.5	0.15	K20CH	327.852	76.460	229.661	7.466	0.32395	3.00897	54	X
K21P11V	17.3	0.15	K20CH	352.708	8.475	285.726	10.448	0.05254	3.03896	54	X
K21P15B	21.8	0.15	K2175	245.467	73.332	0.250	7.879	0.18358	1.17876	47	X
K21P15F	24.3	0.15	K2175	343.060	173.538	167.088	7.286	0.47595	2.28076	46	X
K21P15Z	18.8	0.15	K20CH	296.026	70.216	311.488	11.581	0.35368	3.13082	51	X
K21P16K	19.6	0.15	K20CH	296.599	348.695	339.767	11.121	0.27417	2.32360	53	X
K21P16O	19.3	0.15	K20CH	284.830	34.344	329.954	16.973	0.20601	2.53803	53	X
K21P24G	17.7	0.15	K20CH	272.039	48.002	335.044	8.110	0.25350	2.70972	52	X
K21P26D	19.7	0.15	K20CH	293.418	204.911	157.976	7.079	0.33144	2.60589	52	X
K21P26N	20.2	0.15	K2175	52.940	37.668	133.725	20.352	0.57751	0.72912	47	X
K21P27S	18.2	0.15	K20CH	297.864	68.524	290.911	6.963	0.25296	2.77578	51	X
K21P28H	18.8	0.15	K20CH	304.327	53.369	283.267	10.334	0.20542	2.69612	54	X
K21P29V	19.1	0.15	K20CH	313.142	340.935	353.160	13.876	0.27025	2.68552	53	X
K21P31N	18.7	0.15	K20CH	306.721	21.183	314.657	13.124	0.26980	2.63801	52	X
K21P33N	19.5	0.15	K20CH	294.309	12.562	316.941	2.888	0.20685	2.14472	53	X
K21P36L	17.8	0.15	K20CH	354.085	11.839	279.998	7.667	0.11033	3.07638	51	X
K21P38S	16.6	0.15	K20CH	304.355	34.878	349.524	14.321	0.19704	3.44753	53	X
K21P40Y	20.9	0.15	K2175	288.966	256.499	171.862	10.433	0.44213	1.53704	47	X
K21P41O	18.9	0.15	K2175	328.474	31.580	354.045	29.544	0.46016	2.39299	54	X
K21P45V	17.0	0.15	K20CH	153.617	250.276	250.843	12.393	0.06186	3.14690	51	X
K21P46D	20.1	0.15	K20CH	290.839	24.679	330.266	13.519	0.27490	2.58572	45	X
K21P46W	18.9	0.15	K20CH	273.283	203.454	162.114	8.376	0.22298	2.42971	53	X
K21P48S	18.6	0.15	K20CH	288.543	75.966	291.035	13.477	0.16603	2.88595	54	X
K21P51Z	16.8	0.15	K20CH	122.104	262.902	263.425	10.247	0.06379	3.04677	54	X
K21P53V	19.8	0.15	K20CH	301.632	359.798	325.256	4.084	0.20421	2.23171	53	X
K21P55F	17.3	0.15	K20CH	344.391	145.046	169.042	20.576	0.16476	3.11701	48	X
K21P56A	18.7	0.15	K20CH	313.636	353.688	319.517	4.062	0.24749	2.33345	45	X
K21P56C	20.2	0.15	K20CH	263.679	90.483	288.641	2.079	0.25699	2.15386	45	X
K21P56Q	18.4	0.15	K20CH	318.661	97.942	207.177	15.094	0.17285	2.47259	42	X
K21P56Y	19.1	0.15	K20CH	306.080	5.993	316.215	9.912	0.18844	2.35161	51	X
K21P64T	20.2	0.15	K20CH	290.169	18.019	322.849	10.202	0.25815	2.32730	51	X
K21P70S	20.2	0.15	K20CH	232.864	58.621	7.722	8.143	0.47286	2.03533	73	X
K21P71S	18.7	0.15	K20CH	299.323	29.331	325.128	11.251	0.28471	2.79557	53	X
K21P76Q	18.9	0.15	K20CH	300.488	26.837	319.803	14.259	0.19239	2.67938	51	X
K21P78E	19.0	0.15	K20CH	303.159	95.463	226.234	5.881	0.15162	2.36543	54	X
K21P78O	17.3	0.15	K20CH	277.446	96.608	291.697	10.630	0.15646	3.15935	54	X
K21P79N	18.4	0.15	K20CH	262.563	185.704	209.562	11.997	0.22466	2.52554	48	X
K21P80K	19.1	0.15	K20CH	333.393	317.186	329.924	12.766	0.25656	2.60764	53	X
K21P81C	19.6	0.15	K20CH	293.215	78.820	266.466	1.710	0.23129	2.35502	53	X
K21P82A	18.7	0.15	K20CH	279.927	345.023	10.948	6.650	0.23069	2.46042	56	X
K21P85B	17.5	0.15	K20CH	286.534	197.339	168.171	11.707	0.14182	3.02710	53	X
K21P89U	17.4	0.15	K20CH	334.793	16.250	307.002	7.973	0.09328	3.17789	44	X
K21P94E	19.0	0.15	K20CH	312.417	87.041	227.033	5.907	0.13428	2.33382	50	X
K21P96C	19.9	0.15	K20CH	303.670	48.017	270.103	4.429	0.20747	2.29562	51	X
K21P96D	18.0	0.15	K20CH	246.414	99.044	316.806	9.152	0.10377	2.76963	51	X
K21P98U	19.3	0.15	K20CH	258.390	117.139	267.891	4.060	0.15521	2.32581	43	X

K21P99M	18.0	0.15	K20CH	310.049	42.601	300.425	12.871	0.29432	2.58732	50 X
K21PA1M	20.1	0.15	K20CH	254.403	37.029	345.593	24.368	0.25536	2.12019	51 X
K21PA2F	20.0	0.15	K20CH	269.378	75.014	300.199	8.970	0.28147	2.34183	54 X
K21PA2J	19.5	0.15	K20CH	303.006	9.630	323.567	6.356	0.26929	2.55317	45 X
K21PA2L	18.7	0.15	K20CH	294.581	35.225	299.022	4.598	0.17355	2.32596	51 X
K21PA3E	17.6	0.15	K20CH	275.939	262.092	178.550	19.656	0.42684	3.13964	53 X
K21PA3O	16.9	0.15	K2175	8.476	248.576	68.792	17.257	0.36494	3.07564	51 V
K21PA3P	20.4	0.15	K2175	301.649	70.153	311.261	18.626	0.10357	1.85058	46 V
K21PA3Q	17.7	0.15	K2175	13.993	347.753	312.253	30.060	0.25501	3.12906	42 V
K21PA3R	18.0	0.15	K20CH	299.436	51.790	318.152	21.649	0.26621	3.17040	52 X
K21PA3S	20.1	0.15	K2175	342.317	107.765	235.924	5.426	0.31225	2.37033	54 V
K21PA3T	19.2	0.15	K2175	349.869	91.157	239.845	5.266	0.27615	2.45597	54 V
K21PA3U	18.8	0.15	K2175	346.576	147.084	195.787	12.618	0.31961	2.69521	42 V
K21PA3V	17.0	0.15	K2175	308.430	120.808	275.474	7.919	0.08469	3.13995	51 V
K21PA4B	19.3	0.15	K2175	332.930	124.193	234.539	4.914	0.25359	2.29032	46 V
K21PA4C	19.4	0.15	K2175	3.552	286.952	30.123	2.340	0.19935	2.33286	44 V
K21PA4D	18.4	0.15	K2175	351.588	17.666	318.212	13.284	0.20494	2.69067	51 V
K21PA4E	18.9	0.15	K2175	11.989	309.820	351.924	6.256	0.21918	2.33093	44 V
K21PA4F	17.9	0.15	K2175	25.217	36.987	254.347	7.622	0.17932	2.76761	48 V
K21PA4G	18.9	0.15	K2175	6.302	316.802	8.039	2.958	0.24755	2.78057	52 V
K21PA4H	16.8	0.15	K2175	6.893	317.710	8.831	8.268	0.23314	3.96545	44 V
K21PA4J	18.4	0.15	K2175	309.451	36.285	2.593	6.946	0.15815	2.70269	44 V
K21PA4K	17.0	0.15	K2175	315.443	56.939	325.035	21.184	0.04956	3.08650	51 V
K21PA4L	19.3	0.15	K2175	326.759	128.281	234.599	6.174	0.17731	2.27613	46 V
K21PA4M	17.6	0.15	K2175	351.870	50.152	293.893	7.359	0.18385	3.14937	43 V
K21PA4N	18.6	0.15	K2175	316.941	102.930	275.528	12.093	0.17981	2.40551	42 V
K21PA4O	18.3	0.15	K2175	327.260	51.170	319.650	11.649	0.19832	2.68928	45 V
K21PA4P	17.4	0.15	K2175	343.265	6.915	4.364	16.992	0.18737	3.11814	49 V
K21PA4Q	19.5	0.15	K2175	354.274	14.103	313.592	8.809	0.22138	2.38508	44 V
K21PA4R	17.8	0.15	K2175	330.756	28.839	341.704	9.596	0.10938	3.02415	44 V
K21PA4S	18.4	0.15	K2175	305.409	84.525	315.731	7.891	0.16640	2.57379	49 V
K21PA4T	17.5	0.15	K2175	34.442	288.248	4.082	10.957	0.11306	2.99527	44 V
K21PA4U	18.2	0.15	K2175	316.783	85.347	309.680	6.316	0.23545	2.81426	49 V
K21PA4V	17.0	0.15	K2175	15.942	28.626	286.642	7.817	0.08512	3.17590	51 V
K21PA4W	19.2	0.15	K2175	342.515	55.696	287.311	3.215	0.13594	2.20621	44 V
K21PA4X	17.9	0.15	K2175	12.058	343.659	328.159	13.126	0.17714	2.98181	53 V
K21PA4Y	20.2	0.15	K2175	347.254	171.473	168.993	4.986	0.27069	2.30576	50 V
K21Q00J	19.0	0.15	K20CH	291.243	117.402	273.520	8.253	0.46879	2.71096	37 X
K21Q00L	23.6	0.15	K2175	351.659	206.252	119.392	4.447	0.57304	2.77141	41 X
K21Q02O	23.6	0.15	K2175	214.787	296.451	159.377	20.393	0.14938	1.13109	28 X
K21Q04K	24.5	0.15	K2175	337.996	38.076	312.763	6.871	0.48747	2.15188	27 X
K21Q05F	24.0	0.15	K20CH	269.745	134.343	257.302	1.212	0.54661	2.25076	28 X
K21Q06P	18.3	0.15	K20CH	275.201	110.706	285.095	13.779	0.24857	2.86049	29 X
K21Q07Q	19.7	0.15	K20CH	280.480	17.335	338.778	5.085	0.18642	2.20235	39 X
K21Q08Y	18.5	0.15	K20CH	318.480	88.899	222.095	12.268	0.18782	2.59496	28 X
K21Q19N	20.8	0.15	K20CH	277.282	30.771	332.076	21.617	0.27763	2.34479	40 X
K21Q22P	19.0	0.15	K20CH	321.797	340.345	328.980	16.767	0.16697	2.55662	26 X
K21Q22S	17.8	0.15	K20CH	235.126	142.611	276.899	10.919	0.03429	2.90654	28 X
K21Q22U	18.5	0.15	K20CH	312.672	101.977	224.720	10.305	0.15122	2.75631	28 X
K21Q22W	20.4	0.15	K20CH	295.063	108.488	211.514	5.035	0.21308	2.18197	26 X
K21Q24M	19.8	0.15	K20CH	302.891	284.520	44.394	2.243	0.20456	2.31753	27 X
K21Q27Y	17.7	0.15	K20CH	326.221	204.890	142.617	17.980	0.29276	3.07029	26 X
K21Q29N	19.7	0.15	K20CH	256.968	46.934	342.249	23.294	0.22152	2.29964	41 X
K21Q30N	17.7	0.15	K20CH	264.586	168.256	241.275	10.885	0.19705	2.89071	42 X
K21Q30Z	19.1	0.15	K20CH	314.792	106.128	210.811	14.143	0.17065	2.56744	28 X
K21Q31A	18.7	0.15	K20CH	336.096	30.445	259.214	9.642	0.23865	2.62038	30 X
K21Q31E	18.3	0.15	K20CH	328.758	307.331	7.424	17.376	0.23669	2.74709	27 X
K21Q42J	17.7	0.15	K20CH	270.240	301.577	112.602	12.996	0.17871	2.69582	26 X
K21Q43Q	20.4	0.15	K20CH	277.577	10.649	354.850	13.692	0.26744	2.28046	27 X
K21Q44D	18.8	0.15	K20CH	323.576	236.132	82.259	3.624	0.16813	2.57352	27 X
K21Q44Q	17.7	0.15	K2175	345.905	94.620	252.129	9.921	0.16675	3.09548	28 V
K21Q44R	18.1	0.15	K2175	5.093	187.302	139.137	5.690	0.22577	3.04468	26 V
K21Q44S	18.1	0.15	K2175	5.720	194.459	129.665	4.399	0.19487	2.75439	26 V
K21Q44T	19.1	0.15	K2175	350.944	176.959	164.755	2.640	0.22728	2.59693	26 V
K21Q44U	19.1	0.15	K2175	329.179	156.576	211.526	11.033	0.21018	2.43864	28 V
K21Q44V	19.3	0.15	K2175	356.628	15.704	315.387	0.774	0.19590	2.38090	38 V
K21Q44W	19.7	0.15	K2175	351.167	263.351	74.826	2.478	0.23446	2.41900	26 V
K21Q44X	18.8	0.15	K2175	344.280	17.388	329.685	11.471	0.20442	2.59402	40 V
K21Q44Y	19.7	0.15	K2175	329.246	187.385	180.565	1.900	0.21777	2.38347	39 V
K21Q44Z	18.5	0.15	K2175	339.123	185.386	171.502	3.682	0.20237	2.75349	37 V
K21R00Q	22.6	0.15	K2175	358.540	112.368	166.100	16.592	0.65525	2.56341	23 X
K21R00S	24.9	0.15	K20CH	244.538	173.573	347.404	2.174	0.17161	0.90464	22 X
K21R00W	25.1	0.15	K2175	352.273	113.729	182.535	5.951	0.52077	2.00281	24 X
K21R02B	22.7	0.15	K2175	339.233	235.167	181.395	13.160	0.71294	3.20753	22 X
K21R02F	25.7	0.15	K2175	136.564	140.459	5.219	4.200	0.23244	0.88221	22 X
K21R03K	20.3	0.15	K2175	59.521	223.203	25.451	21.718	0.27028	1.78209	23 X
K21R04M	16.3	0.15	K20CH	224.661	265.223	192.099	25.346	0.18937	3.22408	23 X
K21R04S	25.0	0.15	K2175	276.085	110.144	331.317	3.449	0.45323	1.40608	27 X
K21R04V	25.2	0.15	K2175	288.056	224.426	165.980	17.035	0.21141	1.31784	24 X
K21R05F	24.4	0.15	K2175	328.178	248.041	153.720	3.914	0.58342	2.36043	20 X
K21R05M	26.4	0.15	K2175	275.914	215.719	180.295	5.872	0.17331	1.21855	20 X
K21R09S	22.8	0.15	K20CH	249.096	215.901	207.660	3.734	0.51154	2.14212	18 X
K21R09T	23.0	0.15	K2175	357.130	301.126	351.648	29.248	0.37767	1.69677	17 X
K21R10O	24.9	0.15	K2175	166.151	137.626	347.791	13.733	0.11809	1.02797	16 X
K21R10P	24.6	0.15	K2175	315.357	233.806	201.644	4.609	0.63382	2.00574	15 X
K21R10U	25.3	0.15	K2175	351.200	118.262	176.201	4.595	0.59403	2.16745	15 X
K21R12P	24.6	0.15	K2175	299.195	227.743	190.905	6.951	0.45011	1.63494	16 X
K21R12U	21.7	0.15	K20CH	266.661	232.410	205.287	10.916	0.63569	2.39120	44 X
K21R14K	23.7	0.15	K2175	4.690	85.675	173.219	11.761	0.21735	1.06165	19 X
K21R14U	25.2	0.15	K2175	334.692	2.052	12.480	3.967	0.55556	2.35804	19 X
K21R15C	26.0	0.15	K2175	351.166	273.235	5.347	2.921	0.40990	1.41152	13 X
K21R15E	20.4	0.15	K20CH	252.532	68.984	354.343	4.587	0.50582	2.28846	16 X
K21R15J	24.0	0.15	K2175	331.246	158.061	214.103	6.911	0.44657	2.20128	16 X
K21R17F	17.8	0.15	K20CH	256.281	93.210	333.077	15.089	0.18969	3.15193	18 X

K21R18K	19.9	0.15	K20CH	272.841	122.319	252.088	4.605	0.19699	2.43276	19	X
K21R19G	24.6	0.15	K2175	334.305	227.328	186.627	11.988	0.68540	2.75803	14	X
K21R19H	22.5	0.15	K2175	339.501	351.422	359.311	19.143	0.45058	2.24609	13	X
K21R20D	22.1	0.15	K20CH	290.425	126.091	178.550	25.169	0.59241	2.25144	11	X
K21R20J	17.6	0.15	K20CH	307.140	67.678	311.003	15.483	0.25346	3.08754	23	X
K21R23V	18.1	0.15	K20CH	295.640	114.343	283.956	15.497	0.35962	3.06852	23	X
K21R24C	16.8	0.15	K20CH	334.384	207.907	137.887	5.207	0.24719	4.01367	21	X
K21R24E	18.8	0.15	K2175	337.193	65.004	293.935	9.666	0.21640	2.70016	18	V
K21R24J	17.7	0.15	K2175	356.268	133.092	203.469	9.327	0.11087	3.07080	19	V
K21R24K	20.1	0.15	K2175	332.915	180.455	177.904	6.513	0.20003	2.21088	21	V
K21R24L	19.0	0.15	K2175	287.399	201.965	208.813	6.918	0.09734	2.29510	19	V
K21R24M	18.6	0.15	K2175	308.392	141.616	261.985	5.524	0.25594	2.76636	17	V
K21R24N	18.6	0.15	K2175	323.692	202.989	180.390	2.058	0.19658	2.81424	21	V
K21S00B	26.1	0.15	K2175	296.824	212.668	175.219	18.455	0.27735	1.39455	11	X
K21S00F	23.9	0.15	K2175	338.463	136.279	176.082	19.765	0.28989	1.40271	11	X
K21S00O	25.4	0.15	K2175	70.038	343.528	194.860	4.109	0.31075	0.79115	9	X
K21S00T	25.9	0.15	K2175	320.401	191.410	214.102	0.168	0.53535	2.05756	3	V
K21S00U	24.7	0.15	K2175	346.723	312.669	6.772	4.212	0.58042	2.30808	2	V
K21S00V	22.7	0.15	K2175	286.553	312.261	173.970	17.509	0.77181	1.49424	2	V
K21S00W	27.9	0.15	K2175	346.256	276.760	0.613	3.200	0.34099	1.20632	2	V
K21S00X	18.6	0.15	K2175	59.790	6.810	266.774	19.605	0.03808	1.91389	9	V
K21S00Y	20.2	0.15	K2175	347.652	72.325	274.097	14.778	0.38128	2.55153	8	V
K21S00Z	23.0	0.15	K2175	336.212	181.573	192.436	10.203	0.47195	2.51222	2	V

New observations:

K02R25R	C2021	09	27.32295	21	15	48.191-09	37	10.31	20.1	wUES096F51
K02R25R	C2021	09	27.33219	21	15	46.211-09	36	57.41	20.2	wUES096F51
K02R25R	C2021	09	27.34132	21	15	44.259-09	36	44.60	20.1	wUES096F51
K02R25R	C2021	09	27.35063	21	15	42.255-09	36	31.45	20.0	wUES096F51
K03Q00A	C2021	09	27.23517922	58	29	777+12	14	29.23	20.22	wUES096F52
K03Q00A	C2021	09	27.24658122	58	29	056+12	14	15.96	20.39	wUES096F52
K03Q00A	C2021	09	27.25798322	58	28	335+12	14	02.36	20.37	wUES096F52
K03Q00A	C2021	09	27.26944422	58	27	613+12	13	49.08	20.53	wUES096F52
K05003G	C2021	09	26.38716723	04	12	11 -35	12	48.0	17.44	oVES096T08
K05003G	C2021	09	26.39039723	04	13	26 -35	12	44.9	17.47	oVES096T08
K05003G	C2021	09	26.39685423	04	15	53 -35	12	39.7	17.14	oVES096T08
K05003G	C2021	09	26.43138623	04	27	85 -35	12	09.6	16.62	oVES096T08
K05Q11N	C2021	09	27.23710	22	43	55.504+09	31	51.16	19.6	wUES096F52
K05Q11N	C2021	09	27.24849	22	43	56.253+09	31	43.57	19.5	wUES096F52
K05Q11N	C2021	09	27.25989	22	43	56.994+09	31	36.05	19.4	wUES096F52
K05Q11N	C2021	09	27.27136	22	43	57.741+09	31	28.43	19.3	wUES096F52
K07T25G	C2021	09	26.38670822	57	58	44 -16	27	10.2	18.15	oVES096T08
K07T25G	C2021	09	26.38993622	57	58	60 -16	27	06.8	17.87	oVES096T08
K07T25G	C2021	09	26.39593322	57	58	74 -16	27	00.3	18.16	oVES096T08
K07T25G	C2021	09	26.43092522	57	59	80 -16	26	21.7	18.20	oVES096T08
K08S01N	C2021	09	22.19503000	07	34	20 +28	28	37.5	18.77	gUES096I41
K08S01N	C2021	09	22.21769000	07	35	51 +28	28	55.0	18.81	gUES096I41
K08S01N	C2021	09	22.26002000	07	37	81 +28	29	27.0	18.31	rUES096I41
K08S01N	C2021	09	22.31528000	07	40	77 +28	30	07.4	18.45	iUES096I41
K08S01N	C2021	09	22.46260000	07	48	78 +28	31	48.1	18.77	gUES096I41
K08S01N	KC2021	09	23.92079200	09	24	22 +28	48	06.4	18.3	RVES096I60
K08S01N	KC2021	09	23.92364000	09	24	39 +28	48	08.4		VES096I60
K08S01N	KC2021	09	23.92647900	09	24	46 +28	48	10.6		VES096I60
K12P00A	HC2012	09	14.22878	19	29	15.33 -12	25	40.8		oES096291
K12P00A	HC2012	09	14.23803	19	29	16.16 -12	25	48.5		oES096291
K12U09Y	HC2012	10	21.37142	01	25	27.04 +20	23	44.6		oES096291
K12U09Y	HC2012	10	21.37728	01	25	26.63 +20	23	40.0		oES096291
K13T04S	C2021	09	26.40839	00	21	47.905+08	56	33.22	19.1	wUES096F51
K13T04S	C2021	09	26.41420	00	21	47.896+08	56	31.89	19.4	wUES096F51
K13T04S	C2021	09	26.43592	00	21	47.860+08	56	26.96	19.1	wUES096F51
K13T04S	C2021	09	26.44288	00	21	47.847+08	56	25.45	19.5	wUES096F51
K14HC9O	C2021	09	26.34476721	16	58	08 -29	16	43.1	17.10	oVES096T08
K14HC9O	C2021	09	26.34754821	16	59	13 -29	17	15.8	16.95	oVES096T08
K14HC9O	C2021	09	26.35399221	17	01	52 -29	18	31.7	17.44	oVES096T08
K14HC9O	C2021	09	26.36550621	17	05	87 -29	20	47.4	17.02	oVES096T08
K15TE3M	6C2021	09	05.21094121	07	16	533+07	41	01.26	23.3	RVES096G37
K15TE3M	6C2021	09	05.21679521	07	15	758+07	40	52.95	23.2	RVES096G37
K16Q44J	C2021	09	26.38882	01	00	30.849+32	30	37.71	19.7	iUES096F52
K16Q44J	C2021	09	26.39582	01	00	30.035+32	30	46.75	20.1	iUES096F52
K16Q44J	C2021	09	26.40284	01	00	29.208+32	30	55.76	19.9	iUES096F52
K16Q44J	C2021	09	26.40983	01	00	28.391+32	31	04.84	20.1	iUES096F52
K16Q44J	C2021	09	26.57614	01	00	09.047+32	34	33.79	20.0	iUES096F51
K16Q44J	C2021	09	26.58391	01	00	08.160+32	34	43.33	20.1	iUES096F51
K16Q44J	C2021	09	26.59169	01	00	07.265+32	34	52.74	20.1	iUES096F51
K18R01Y	C2021	09	27.32294821	19	13	555-11	33	05.84	21.12	wUES096F51
K18R01Y	C2021	09	27.34131821	19	06	922-11	33	49.15	21.09	wUES096F51
K18R01Y	C2021	09	27.35063121	19	03	503-11	34	11.02	21.45	wUES096F51
K19A03Q	C2021	09	26.52186010	06	25	39 +22	40	05.4	19.03	rUES096I41
K19A03Q	C2021	09	26.52424010	06	26	30 +22	40	06.1	19.14	rUES096I41
K19A03Q	C2021	09	26.52706910	06	27	40 +22	40	06.9	19.28	rUES096I41
K19A03Q	C2021	09	26.52895910	06	28	13 +22	40	07.4	19.08	rUES096I41
K19A03Q	C2021	09	26.52943110	06	28	31 +22	40	07.1	19.01	rUES096I41
K19A03Q	C2021	09	26.53131910	06	29	02 +22	40	07.7	19.08	rUES096I41
K20X07K	KC2021	09	26.06651022	05	55	47 -03	27	56.8	22.4	VuES096H21
K20X07K	KC2021	09	26.07360722	05	55	27 -03	28	01.7	21.8	VuES096H21
K20X07K	KC2021	09	26.07969022	05	55	12 -03	28	05.5	22.3	VuES096H21
K21E04Z	6C2021	09	05.24745222	55	11	883-18	12	08.40	22.1	RVES096G37
K21E04Z	6C2021	09	05.25017722	55	11	434-18	12	04.70	21.8	RVES096G37
K21J02H	C2021	09	26.25330001	17	32	70 +14	56	03.3	17.95	gUES096I41
K21J02H	C2021	09	26.27935001	17	29	85 +14	56	27.9	17.78	gUES096I41
K21J02H	C2021	09	26.28810001	17	28	89 +14	56	36.1	17.87	gUES096I41
K21J02H	C2021	09	26.31659001	17	25	74 +14	57	02.5	17.24	iUES096I41
K21J02H	C2021	09	26.31801001	17	25	57 +14	57	03.9	17.19	iUES096I41
K21J02H	KC2021	09	26.94797201	16	23	94 +15	06	15.3	16.8	GVES096L54

K21J02H	KC2021	09	26.95870301	16	22.78	+15	06	24.7	17.0	GVES096L54	
K21J02H	KC2021	09	26.96984201	16	21.58	+15	06	34.4	17.0	GVES096L54	
K21J07G	C2021	09	27.32603420	46	42.031	-01	36	15.68	21.31w	UES096F52	
K21J07G	C2021	09	27.33558320	46	45.020	-01	36	26.52	21.02w	UES096F52	
K21J07G	C2021	09	27.35473420	46	51.042	-01	36	48.94	21.01w	UES096F52	
K21L02K	C2021	09	26.56902	00	56	47.696	+36	10	25.02	19.5	iUES096F51
K21L02K	C2021	09	26.57678	00	56	47.262	+36	10	18.78	19.6	iUES096F51
K21L02K	C2021	09	26.58455	00	56	46.822	+36	10	12.37	19.4	iUES096F51
K21L02K	C2021	09	26.59234	00	56	46.378	+36	10	05.92	19.6	iUES096F51
K21L15N	KC2021	09	23.90827823	24	00.24	+25	51	01.5	17.8	RVES096160	
K21L15N	KC2021	09	23.91152523	24	00.35	+25	51	10.3	18.1	RVES096160	
K21L15N	KC2021	09	23.91434323	24	00.45	+25	51	16.8		VES096160	
K21L19C	KC2021	09	26.04759621	14	41.12	+05	43	40.7	22.2	VuES096H21	
K21L19C	KC2021	09	26.05590121	14	42.33	+05	43	36.6	22.4	VuES096H21	
K21M01G	C2021	09	27.33621	07	36	57.12	-28	55	10.5	17.8	VuES096807
K21M01G	C2021	09	27.33900	07	36	56.52	-28	55	22.4	18.0	VuES096807
K21M01G	C2021	09	27.34178	07	36	55.90	-28	55	34.4	17.9	VuES096807
K21M01O	C2021	09	26.44153223	32	32.14	-30	05	56.9	16.85o	VES096T08	
K21M01O	C2021	09	26.44478223	32	32.10	-30	05	43.6	17.06o	VES096T08	
K21M01O	C2021	09	26.48688823	32	31.48	-30	02	54.6	17.19o	VES096T08	
K21N01Y	C2021	09	26.62938405	15	20.36	-26	19	54.3	16.86o	VES096T08	
K21N01Y	C2021	09	26.63246405	15	17.62	-26	19	02.8	16.75o	VES096T08	
K21N01Y	C2021	09	26.63525505	15	15.12	-26	18	14.5	16.20o	VES096T08	
K21N01Y	C2021	09	26.63852105	15	12.19	-26	17	19.2	17.00o	VES096T08	
K21N05U	C2021	09	05.62372403	13	57.428	-07	41	29.75	21.17	GVES096T12	
K21N05U	C2021	09	05.62461903	13	57.470	-07	41	27.33	21.27	GVES096T12	
K21N05W	C2021	09	26.23297922	33	39.872	+04	11	50.64	20.24w	UES096F51	
K21N05W	C2021	09	26.24594422	33	39.734	+04	12	07.42	20.20w	UES096F51	
K21N05W	C2021	09	26.25892022	33	39.592	+04	12	24.23	20.15w	UES096F51	
K21N05W	C2021	09	27.24931422	33	35.562	+04	33	19.49	20.94w	UES096F51	
K21N05W	C2021	09	27.25520722	33	35.511	+04	33	26.78	20.86w	UES096F51	
K21N05W	C2021	09	27.26025822	33	35.469	+04	33	33.15	20.87w	UES096F51	
K21N39M	C2021	09	27.05366	21	45	12.84	-29	59	20.3	19.1	VuES096807
K21N39M	C2021	09	27.05645	21	45	12.82	-29	59	24.5	19.2	VuES096807
K21N39M	C2021	09	27.05915	21	45	12.83	-29	59	28.3	19.1	VuES096807
K21P02F	C2021	09	26.39263901	35	03.803	+34	19	44.36	19.09i	UES096F52	
K21P02F	C2021	09	26.39392501	35	04.775	+34	19	43.93	19.14i	UES096F52	
K21P02F	C2021	09	26.39964101	35	09.036	+34	19	42.42	19.22i	UES096F52	
K21P02F	C2021	09	26.40091601	35	09.992	+34	19	42.10	19.21i	UES096F52	
K21P02F	C2021	09	26.40664401	35	14.246	+34	19	40.29	19.15i	UES096F52	
K21P02F	C2021	09	26.40791801	35	15.210	+34	19	39.85	19.14i	UES096F52	
K21P02F	C2021	09	26.41364601	35	19.482	+34	19	37.88	19.02i	UES096F52	
K21P02F	C2021	09	26.41492001	35	20.448	+34	19	37.50	19.63i	UES096F52	
K21P02R	C2021	09	26.42566400	53	31.73	-16	11	39.9	17.62o	VES096T08	
K21P02R	C2021	09	26.45078100	53	43.03	-16	11	30.0	17.45o	VES096T08	
K21P02R	C2021	09	26.47903000	53	55.73	-16	11	18.0	17.58o	VES096T08	
K21P02R	C2021	09	26.48550600	53	58.63	-16	11	15.5	17.42o	VES096T08	
K21P02R	C2021	09	27.12016	00	59	13.87	-16	05	01.3	18.5	VuES096807
K21P02R	C2021	09	27.12332	00	59	15.31	-16	04	59.2	18.4	VuES096807
K21P02R	C2021	09	27.12649	00	59	16.70	-16	04	58.1	18.4	VuES096807
K21P02S	C2021	09	27.26212621	02	47.430	-18	26	25.20	20.53w	UES096F51	
K21P02S	C2021	09	27.27185521	02	48.750	-18	26	26.14	20.54w	UES096F51	
K21P02S	C2021	09	27.28159521	02	50.082	-18	26	27.04	20.61w	UES096F51	
K21P02S	C2021	09	27.29168421	02	51.449	-18	26	27.83	20.55w	UES096F51	
K21P04H	C2021	09	25.40220	18	19	08.27	-65	15	01.6	20.7	GVES096E10
K21P04H	C2021	09	25.40273	18	19	08.06	-65	15	02.7	20.6	GVES096E10
K21P04H	C2021	09	25.40326	18	19	07.83	-65	15	04.0	20.6	GVES096E10
K21P05N	C2021	09	27.35482	02	59	38.11	-56	59	30.6	22.0	GVES096807
K21P05N	C2021	09	27.36035	02	59	40.89	-56	59	25.6	22.1	GVES096807
K21P05N	C2021	09	27.36589	02	59	43.65	-56	59	20.6	22.1	GVES096807
K21P10E	C2021	09	27.00590	20	55	50.53	+01	35	00.1	19.8	VuES096807
K21P10E	C2021	09	27.00866	20	55	51.12	+01	34	59.6	19.1	VuES096807
K21P10E	C2021	09	27.01178	20	55	51.75	+01	34	59.1	19.3	VuES096807
K21P15B	KC2021	09	26.90835201	18	24.55	+19	18	55.4	16.9	GVES096L54	
K21P15B	KC2021	09	26.92153301	18	23.46	+19	20	49.0	16.8	GVES096L54	
K21P15B	KC2021	09	26.93471301	18	22.37	+19	22	42.6	17.0	GVES096L54	
K21P15F	C2021	09	27.12135	00	12	23.76	-10	31	21.9	21.8	GVES096807
K21P15F	C2021	09	27.12541	00	12	24.24	-10	31	25.7	21.7	GVES096807
K21P15F	C2021	09	27.12965	00	12	24.76	-10	31	29.7	22.0	GVES096807
K21P26N	C2021	09	27.02505	20	56	51.46	-64	31	39.0	20.3	VuES096807
K21P26N	C2021	09	27.02797	20	56	50.70	-64	31	35.5	20.3	VuES096807
K21P26N	C2021	09	27.03077	20	56	50.07	-64	31	32.1	20.2	VuES096807
K21P40Y	KC2021	09	26.98836	21	22	43.04	-32	56	13.6	17.2	GVES096W94
K21P40Y	KC2021	09	26.99423	21	22	41.06	-32	57	15.7	16.9	GVES096W94
K21P40Y	KC2021	09	27.00019	21	22	39.00	-32	58	19.1	16.9	GVES096W94
K21P41O	KC2021	09	24.94617522	43	23.88	-02	32	23.3	18.1	GVES096Z80	
K21P41O	KC2021	09	24.95080422	43	22.97	-02	32	04.2	17.9	GVES096Z80	
K21P41O	KC2021	09	24.95542922	43	22.00	-02	31	44.5	17.6	GVES096Z80	
K21P70S	C2021	09	27.27958321	32	06.732	-22	08	14.65	21.16w	UES096F51	
K21P70S	C2021	09	27.28969021	32	05.975	-22	08	09.11	20.89w	UES096F51	
K21P70S	C2021	09	27.29967721	32	05.221	-22	08	03.52	20.88w	UES096F51	
K21Q00L	C2021	09	27.23459	01	18	57.84	-10	28	15.9	22.0	GVES096807
K21Q00L	C2021	09	27.24012	01	18	57.81	-10	28	13.8	22.2	GVES096807
K21Q00L	C2021	09	27.24566	01	18	57.80	-10	28	11.6	22.0	GVES096807
K21Q02O	C2021	09	27.19422	00	36	22.02	-56	11	27.3	21.7	GVES096807
K21Q02O	C2021	09	27.19791	00	36	22.20	-56	11	45.0	21.9	GVES096807
K21Q02O	C2021	09	27.20160	00	36	22.38	-56	12	02.6	22.0	GVES096807
K21Q04K	KC2021	09	26.12104423	09	46.22	+44	02	21.3	22.3	VuES096H21	
K21Q04K	KC2021	09	26.13061323	09	48.49	+44	02	39.4	22.3	VuES096H21	
K21Q05F	C2021	09	27.23200222	36	46.551	+10	12	58.90	19.11w	UES096F52	
K21Q05F	C2021	09	27.23710222	36	47.853	+10	13	23.88	19.10w	UES096F52	
K21Q05F	C2021	09	27.24849222	36	50.754	+10	14	19.64	19.04w	UES096F52	
K21Q05F	C2021	09	27.25481322	36	52.357	+10	14	50.61	19.08w	UES096F52	
K21Q05F	C2021	09	27.25989222	36	53.639	+10	15	15.60	19.07w	UES096F52	

K21Q05F	C2021	09	27.26625922	36	55.239+10	15	46.67	19.11wUES096F52
K21R00Q	C2021	09	27.17827	00	30	13.74	-15 49 44.6	21.4 GVES096807
K21R00Q	C2021	09	27.18197	00	30	13.54	-15 49 49.3	21.4 GVES096807
K21R00Q	C2021	09	27.18566	00	30	13.32	-15 49 54.2	21.7 GVES096807
K21R00S	C2021	09	26.22845122	17	12.321+02	08	52.68	19.43wUES096F51
K21R00S	C2021	09	26.25438522	16	57.157+02	08	31.08	19.51wUES096F51
K21R00S	C2021	09	26.27094722	16	47.388+02	08	17.21	19.68wUES096F51
K21R00W	C2021	09	27.13964	00	13	22.01	+00 34 08.5	22.2 GVES096807
K21R00W	C2021	09	27.14518	00	13	22.13	+00 34 00.0	22.4 GVES096807
K21R00W	C2021	09	27.15072	00	13	22.25	+00 33 51.4	22.1 GVES096807
K21R02B	C2021	09	27.23328	03	35	47.81	+02 35 30.6	19.7 VuES096807
K21R02B	C2021	09	27.23580	03	35	50.65	+02 35 13.6	19.7 VuES096807
K21R02B	C2021	09	27.23833	03	35	53.58	+02 34 56.4	19.5 VuES096807
K21R02F	C2021	09	26.40100323	21	05.22	-12	37 04.4	18.50vVES096T08
K21R02F	C2021	09	26.43462023	20	05.92	-12	37 40.0	18.280VES096T08
K21R02F	C2021	09	26.43784723	20	00.36	-12	37 44.2	18.470VES096T08
K21R02F	C2021	09	26.44386223	19	49.74	-12	37 49.9	18.560VES096T08
K21R02F	C2021	09	27.06272	23	02	42.84	-12 42 21.6	18.7 VuES096807
K21R02F	C2021	09	27.06676	23	02	35.18	-12 42 24.9	18.7 VuES096807
K21R02F	C2021	09	27.07075	23	02	27.54	-12 42 29.0	18.7 VuES096807
K21R03K	C2021	09	27.25709	01	36	27.09	-00 40 44.7	22.2 GVES096807
K21R03K	C2021	09	27.26263	01	36	26.49	-00 40 43.5	22.1 GVES096807
K21R03K	C2021	09	27.26818	01	36	25.88	-00 40 42.1	22.2 GVES096807
K21R04S	KC2021	09	26.07815020	19	29.62	-00	05 06.5	22.1 VuES096H21
K21R04S	KC2021	09	26.08194220	19	26.69	-00	04 59.6	22.0 VuES096H21
K21R04V	C2021	09	27.28122	01	47	51.29	-57 27 30.5	22.2 GVES096807
K21R04V	C2021	09	27.28709	01	47	54.54	-57 27 58.5	22.3 GVES096807
K21R04V	C2021	09	27.29296	01	47	57.81	-57 28 26.3	22.2 GVES096807
K21R05F	C2021	09	27.07452	23	24	40.92	-30 22 38.9	19.7 VuES096807
K21R05F	C2021	09	27.07770	23	24	42.04	-30 22 57.5	20.1 VuES096807
K21R05F	C2021	09	27.08091	23	24	43.18	-30 23 16.7	19.8 VuES096807
K21R05M	C2021	09	27.13017	01	04	39.85	-08 42 20.8	19.7 VuES096807
K21R05M	C2021	09	27.13406	01	04	42.89	-08 43 02.4	19.8 VuES096807
K21R05M	C2021	09	27.13802	01	04	45.92	-08 43 44.8	19.7 VuES096807
K21R09S	KC2021	09	26.09234922	26	32.63	-01	47 09.2	22.5 VuES096H21
K21R09S	KC2021	09	26.09539122	26	32.41	-01	47 11.9	22.0 VuES096H21
K21R09S	KC2021	09	26.09965022	26	32.10	-01	47 15.2	22.0 VuES096H21
K21R09S	C2021	09	27.27787222	25	17.568-02	02	47.34	21.89wUES096F52
K21R09S	C2021	09	27.28930722	25	16.752-02	02	56.59	21.97wUES096F52
K21R09S	C2021	09	27.30079522	25	15.937-02	03	05.94	22.17wUES096F52
K21R09S	C2021	09	27.31224222	25	15.100-02	03	15.24	21.88wUES096F52
K21R09T	KC2021	09	26.18490423	14	27.88	+21	58 03.6	22.0 VuES096H21
K21R09T	KC2021	09	26.19220423	14	26.16	+21	58 20.9	22.1 VuES096H21
K21R09T	KC2021	09	26.20011023	14	24.28	+21	58 40.1	21.9 VuES096H21
K21R100	KC2021	09	26.11254820	51	41.07	+05	37 08.7	22.3 VuES096H21
K21R100	KC2021	09	26.12958720	51	36.80	+05	38 15.9	22.4 VuES096H21
K21R100	KC2021	09	26.13689120	51	34.96	+05	38 44.7	22.2 VuES096H21
K21R10P	KC2021	09	24.89077721	37	28.31	+50	55 48.0	19.0 GVES096Z80
K21R10P	KC2021	09	24.90464821	36	48.63	+51	04 22.0	19.3 GVES096Z80
K21R10P	KC2021	09	24.91855421	36	08.22	+51	12 56.3	19.5 GVES096Z80
K21R10U	C2021	09	27.10441	00	08	02.43	-03 53 57.4	21.8 GVES096807
K21R10U	C2021	09	27.10847	00	08	02.77	-03 53 59.7	21.8 GVES096807
K21R10U	C2021	09	27.11271	00	08	03.12	-03 54 02.1	21.8 GVES096807
K21R12P	C2021	09	27.03850	21	37	17.15	+08 07 19.1	19.1 VuES096807
K21R12P	C2021	09	27.04003	21	37	16.58	+08 07 14.4	19.9 VuES096807
K21R12P	C2021	09	27.04159	21	37	16.05	+08 07 09.1	19.5 VuES096807
K21R12U	C2021	09	27.23263222	29	56.860+13	24	06.60	20.53wUES096F52
K21R12U	C2021	09	27.24404922	29	55.436+13	23	50.75	20.65wUES096F52
K21R12U	C2021	09	27.25544222	29	53.994+13	23	34.99	20.55wUES096F52
K21R12U	C2021	09	27.26689722	29	52.546+13	23	19.15	20.48wUES096F52
K21R14K	C2021	09	27.14158	01	13	09.58	-25 59 20.0	19.9 VuES096807
K21R14K	C2021	09	27.14433	01	13	09.02	-25 59 31.5	19.7 VuES096807
K21R14K	C2021	09	27.14716	01	13	08.43	-25 59 43.1	19.7 VuES096807
K21R14U	C2021	09	27.15017	01	10	07.36	-04 26 49.8	19.9 VuES096807
K21R14U	C2021	09	27.15272	01	10	09.18	-04 26 23.0	19.9 VuES096807
K21R14U	C2021	09	27.15533	01	10	11.06	-04 25 55.9	19.9 VuES096807
K21R15C	KC2021	09	26.23866300	00	21.66	-01	09 56.4	22.2 VuES096H21
K21R15C	KC2021	09	26.24495100	00	21.09	-01	09 47.7	22.5 VuES096H21
K21R15C	KC2021	09	26.24819600	00	20.80	-01	09 43.1	22.3 VuES096H21
K21R15E	C2021	09	27.26600221	32	21.711-15	59	41.19	20.95wUES096F51
K21R15E	C2021	09	27.27572121	32	21.140-15	59	39.47	21.26wUES096F51
K21R15E	C2021	09	27.28582421	32	20.552-15	59	37.64	20.62wUES096F51
K21R15E	C2021	09	27.29556321	32	19.987-15	59	36.34	21.35wUES096F51
K21R15J	KC2021	09	26.15005223	12	39.40	+16	26 46.8	22.3 VuES096H21
K21R15J	KC2021	09	26.15491923	12	39.95	+16	26 43.0	22.6 VuES096H21
K21R15J	KC2021	09	26.16100523	12	40.63	+16	26 37.6	22.1 VuES096H21
K21R15J	KC2021	09	26.16891523	12	41.47	+16	26 30.7	22.2 VuES096H21
K21R19G	KC2021	09	25.78563	22	38	28.15	+28 50 25.4	17.5 GVES096B72
K21R19G	KC2021	09	25.78672	22	38	28.76	+28 50 36.1	17.9 GVES096B72
K21R19G	KC2021	09	26.76633	22	53	20.21	+32 35 25.4	17.2 GVES096G02
K21R19G	KC2021	09	26.77126	22	53	26.33	+32 37 04.2	17.4 GVES096G02
K21R19G	KC2021	09	26.77614	22	53	32.49	+32 38 42.1	17.3 GVES096G02
K21R19G	C2021	09	26.81887	22	54	30.86	+32 52 37.2	16.8 GVES096C23
K21R19G	C2021	09	26.82539	22	54	39.46	+32 54 53.0	16.9 GVES096C23
K21R19G	C2021	09	26.82917	22	54	44.38	+32 56 11.6	16.9 GVES096C23
K21R19G	KC2021	09	26.82922	22	54	43.35	+32 57 43.9	16.8 VqES096C82
K21R19G	KC2021	09	26.83259	22	54	47.63	+32 58 54.0	16.8 VqES096C82
K21R19G	KC2021	09	26.83662	22	54	52.85	+33 00 18.0	17.1 VqES096C82
K21R19H	C2021	09	27.08428	23	41	30.69	+04 31 10.8	19.4 VuES096807
K21R19H	C2021	09	27.08704	23	41	30.39	+04 31 24.4	19.8 VuES096807
K21R19H	C2021	09	27.08982	23	41	29.98	+04 31 38.4	20.2 VuES096807
K21R20D	C2021	09	26.37564722	39	40.70	-18	33 41.2	18.520VES096T08
K21R20D	C2021	09	26.37933422	39	43.64	-18	34 16.8	18.810VES096T08
K21R20D	C2021	09	26.38532722	39	47.91	-18	35 13.7	18.750VES096T08

K21R20D	C2021	09	26.39916022	39	58.27	-18	37	26.9	18.25oVES096T08	
K21S00B	C2021	09	27.37376	03	20	40.52	-55	01	47.1	21.8 GVES096807
K21S00B	C2021	09	27.37790	03	20	45.76	-55	02	14.1	21.5 GVES096807
K21S00B	C2021	09	27.38197	03	20	50.97	-55	02	40.6	21.7 GVES096807
K21S00F	C2021	09	27.11028	00	04	27.06	-30	00	16.4	19.8 VuES096807
K21S00F	C2021	09	27.11347	00	04	28.13	-30	00	36.5	20.3 VuES096807
K21S00F	C2021	09	27.11667	00	04	29.27	-30	00	57.4	19.8 VuES096807
K21S000	C2021	09	27.04401	21	43	15.36	+09	27	26.2	20.6 VuES096807
K21S000	C2021	09	27.04722	21	43	13.15	+09	26	48.9	20.2 VuES096807
K21S000	C2021	09	27.05037	21	43	10.88	+09	26	11.9	20.2 VuES096807
00433	C2021	09	26.25944918	00	14.36	-23	27	32.1	13.48oVES096T08	
00433	C2021	09	26.26267218	00	14.68	-23	27	31.2	13.52oVES096T08	
00433	C2021	09	26.26912318	00	15.32	-23	27	29.3	13.59oVES096T08	
00433	C2021	09	26.28202618	00	16.61	-23	27	25.5	13.77oVES096T08	
01943	KC2021	09	22.22389	22	38	27.48	+14	34	19.8	16.7 VqES096U76
01943	KC2021	09	22.23818	22	38	26.51	+14	34	03.8	16.6 VqES096U76
01943	KC2021	09	22.25247	22	38	25.53	+14	33	47.6	16.6 VqES096U76
01943	C2021	09	27.23263222	33	44.808+13	00	01.93			16.53wUES096F52
01943	C2021	09	27.24404922	33	44.208+12	59	49.15			16.53wUES096F52
01943	C2021	09	27.25544222	33	43.601+12	59	36.48			16.50wUES096F52
01943	C2021	09	27.26689722	33	42.979+12	59	23.83			16.45wUES096F52
02063	C2021	09	26.51106009	10	50.12	+18	35	37.4	18.52rUES096I41	
02063	C2021	09	26.51352009	10	50.96	+18	35	36.3	18.73rUES096I41	
02063	C2021	09	26.51598009	10	51.81	+18	35	35.0	18.81rUES096I41	
02063	C2021	09	26.51845009	10	52.64	+18	35	33.7	18.64rUES096I41	
03200	C2021	09	12.98687	04	54	02.76	+37	23	01.5	19.0 RuES096B18
03200	C2021	09	12.98969	04	54	02.80	+37	23	02.1	19.1 RuES096B18
03200	C2021	09	12.99249	04	54	02.82	+37	23	02.9	19.0 RuES096B18
03200	C2021	09	12.99530	04	54	02.86	+37	23	03.7	19.0 RuES096B18
03200	C2021	09	12.99811	04	54	02.91	+37	23	04.7	19.1 RuES096B18
03200	C2021	09	13.00093	04	54	02.95	+37	23	05.4	18.8 RuES096B18
03200	C2021	09	13.97083	04	54	15.56	+37	27	51.5	18.9 RuES096B18
03200	C2021	09	13.97365	04	54	15.60	+37	27	52.2	18.9 RuES096B18
03200	C2021	09	13.97646	04	54	15.64	+37	27	53.1	18.9 RuES096B18
03200	C2021	09	13.97926	04	54	15.66	+37	27	54.0	18.8 RuES096B18
03200	C2021	09	13.98207	04	54	15.72	+37	27	54.7	18.9 RuES096B18
03200	C2021	09	13.99051	04	54	15.79	+37	27	57.4	18.8 RuES096B18
03200	C2021	09	13.99331	04	54	15.81	+37	27	58.1	18.9 RuES096B18
03200	C2021	09	13.99612	04	54	15.88	+37	27	59.1	uES096B18
03200	C2021	09	14.06019	04	54	16.51	+37	28	18.4	18.7 RuES096B18
03200	C2021	09	14.06300	04	54	16.53	+37	28	19.3	18.6 RuES096B18
03200	C2021	09	14.06580	04	54	16.55	+37	28	20.0	18.7 RuES096B18
03200	C2021	09	14.06861	04	54	16.60	+37	28	21.1	uES096B18
03200	C2021	09	14.07142	04	54	16.64	+37	28	21.7	18.9 RuES096B18
03200	C2021	09	14.07424	04	54	16.66	+37	28	22.5	18.7 RuES096B18
04341	C2021	09	26.42750600	40	02.21	-28	48	05.1	16.55oVES096T08	
04341	C2021	09	26.42934800	40	02.00	-28	48	08.5	16.82oVES096T08	
04341	C2021	09	26.46440400	39	57.52	-28	49	18.2	16.80oVES096T08	
04341	C2021	09	26.48504500	39	54.90	-28	49	58.9	16.67oVES096T08	
04954	C2021	09	26.26036919	03	52.27	-38	21	14.2	14.70oVES096T08	
04954	C2021	09	26.26359419	03	52.45	-38	21	10.7	14.75oVES096T08	
04954	C2021	09	26.27004719	03	52.79	-38	21	03.7	14.76oVES096T08	
04954	C2021	09	26.27050719	03	52.82	-38	21	03.1	14.76oVES096T08	
04954	C2021	09	26.28340819	03	53.50	-38	20	48.8	14.90oVES096T08	
04954	C2021	09	26.29031619	03	53.86	-38	20	41.2	14.89oVES096T08	
05751	C2021	09	26.42566400	39	12.07	-20	09	08.1	18.44oVES096T08	
05751	C2021	09	26.45078100	39	10.51	-20	09	21.9	18.26oVES096T08	
05751	C2021	09	26.47903000	39	08.59	-20	09	38.7	18.16oVES096T08	
05751	C2021	09	26.48550600	39	08.27	-20	09	42.4	18.50oVES096T08	
06611	C2021	09	27.32792420	48	40.503-05	09	57.78			20.81wUES096F52
06611	C2021	09	27.33754120	48	40.317-05	10	01.60			20.97wUES096F52
06611	C2021	09	27.34705120	48	40.121-05	10	05.24			21.10wUES096F52
06611	C2021	09	27.35662320	48	39.937-05	10	08.87			21.00wUES096F52
07341	KC2021	09	26.82546	00	27	31.76	+19	10	17.6	17.0 GVES096G02
07341	KC2021	09	26.82906	00	27	31.40	+19	10	18.7	17.2 GVES096G02
07341	KC2021	09	26.83268	00	27	31.04	+19	10	19.3	17.2 GVES096G02
12923	C2021	09	26.27557518	59	57.42	-24	14	46.9	15.00oVES096T08	
12923	C2021	09	26.28479119	00	02.69	-24	14	55.0	14.93oVES096T08	
12923	C2021	09	26.28847419	00	04.79	-24	14	58.1	14.93oVES096T08	
12923	C2021	09	26.29630819	00	09.27	-24	15	04.9	14.89oVES096T08	
12923	C2021	09	26.29861219	00	10.59	-24	15	07.0	14.92oVES096T08	
18736	C2021	09	27.36939200	53	36.684+10	04	31.95			19.77iUES096F51
18736	C2021	09	27.38042600	53	36.027+10	04	28.46			19.91iUES096F51
18736	C2021	09	27.39146900	53	35.369+10	04	25.10			20.08iUES096F51
18736	C2021	09	27.40260600	53	34.725+10	04	21.46			19.87iUES096F51
37336	C2021	09	26.22949216	12	25.01	+09	40	45.0	18.58oVES096T05	
37336	C2021	09	26.23317216	12	25.57	+09	40	44.7	18.91oVES096T05	
37336	C2021	09	26.24004116	12	26.60	+09	40	43.8	18.86oVES096T05	
37336	C2021	09	26.25331116	12	28.61	+09	40	41.6	18.87oVES096T05	
52750	C2021	09	26.37518722	52	29.91	-27	34	36.7	16.45oVES096T08	
52750	C2021	09	26.37887222	52	29.28	-27	34	43.9	16.50oVES096T08	
52750	C2021	09	26.38486822	52	28.29	-27	34	55.2	16.59oVES096T08	
52750	C2021	09	26.39777822	52	26.14	-27	35	19.7	16.47oVES096T08	
66146	C2021	09	26.21833516	44	01.60	-28	58	56.2	15.45oVES096T08	
66146	C2021	09	26.22249516	44	03.31	-28	59	00.3	15.46oVES096T08	
66146	C2021	09	26.22848916	44	05.78	-28	59	06.0	15.66oVES096T08	
68063	KC2021	09	26.09652322	08	19.98	+08	32	06.5	14.4 GVES096V93	
68063	KC2021	09	26.13016322	08	21.96	+08	32	40.3	14.3 GVES096V93	
68063	KC2021	09	26.16555022	08	24.04	+08	33	15.8	14.4 GVES096V93	
85709	C2021	09	26.23104222	24	40.471+04	34	52.28			17.90wUES096F51
85709	C2021	09	26.24401222	24	39.974+04	34	31.60			17.92wUES096F51
85709	C2021	09	26.25698422	24	39.475+04	34	10.96			17.89wUES096F51
85709	C2021	09	26.27356522	24	38.836+04	33	44.49			17.85wUES096F51
87309	C2021	09	26.26436417	12	40.22	+16	22	17.6	18.74oVES096T05	

87309	C2021	09	26.26758917	12	40.23	+16	22	18.1	18.61oVES096T05	
87309	C2021	09	26.27409317	12	40.28	+16	22	19.1	18.79oVES096T05	
87309	C2021	09	26.28461317	12	40.50	+16	22	20.2	19.06oVES096T05	
E2563	C2021	09	27.29568122	27	12.744	-05	04	52.15	20.04wUES096F52	
E2563	C2021	09	27.30713222	27	11.854	-05	04	51.71	20.08wUES096F52	
E2563	C2021	09	27.31854222	27	10.971	-05	04	51.40	20.17wUES096F52	
E3649	KC2021	09	23.93331900	19	25.57	+25	48	24.3	12.9 RVES096160	
E3649	KC2021	09	23.93493600	19	21.96	+25	48	58.9	13.1 RVES096160	
E3649	C2021	09	24.80865	23	46	04.52	+30	40	57.5	13.8 GVES096C23
E3649	C2021	09	24.81137	23	45	58.05	+30	41	48.7	13.8 GVES096C23
E3649	C2021	09	24.81392	23	45	52.01	+30	42	36.6	13.8 GVES096C23
E3649	C2021	09	24.81647	23	45	45.95	+30	43	24.2	13.8 GVES096C23
E3649	C2021	09	24.96286	23	39	55.40	+31	28	23.5	14.0 GVES096C23
E3649	C2021	09	24.96541	23	39	49.28	+31	29	09.5	13.9 GVES096C23
E3649	C2021	09	24.96778	23	39	43.55	+31	29	52.5	13.9 GVES096C23
E3649	C2021	09	24.97016	23	39	37.83	+31	30	35.3	13.9 GVES096C23
E3649	KC2021	09	24.99367423	38	41.53	+31	37	38.4	14.3 GVES096Z80	
E3649	KC2021	09	24.99534723	38	37.57	+31	38	08.5	14.1 GVES096Z80	
E3649	KC2021	09	24.99708323	38	33.36	+31	38	39.3	14.1 GVES096Z80	
E3649	C2021	09	25.77871	23	07	15.76	+35	10	32.9	14.2 GVES096C23
E3649	C2021	09	25.78143	23	07	09.17	+35	11	12.9	14.2 GVES096C23
E3649	C2021	09	25.78500	23	07	00.48	+35	12	05.2	14.2 GVES096C23
E3649	C2021	09	25.78856	23	06	51.81	+35	12	57.7	14.1 GVES096C23
E3649	KC2021	09	26.19425722	50	30.47	+36	45	07.6	14.0 GVES096V93	
E3649	KC2021	09	26.23788722	48	44.44	+36	54	12.2	14.1 GVES096V93	
E3649	KC2021	09	26.26860622	47	29.96	+37	00	28.8	14.1 GVES096V93	
G2510	C2021	09	26.23169122	20	25.887	+06	49	32.70	18.75wUES096F51	
G2510	C2021	09	26.24465522	20	23.917	+06	49	40.97	18.70wUES096F51	
G2510	C2021	09	26.25762422	20	21.946	+06	49	49.22	18.70wUES096F51	
G2566	C2021	09	27.32683721	39	08.518	-12	07	22.13	20.41wUES096F51	
G2566	C2021	09	27.33606521	39	08.110	-12	07	22.84	20.39wUES096F51	
G2566	C2021	09	27.34530921	39	07.704	-12	07	23.44	20.32wUES096F51	
G2566	C2021	09	27.35452121	39	07.301	-12	07	24.03	20.38wUES096F51	
J9003	C2021	09	22.14273017	20	53.72	+41	59	43.4	18.48rUES096I41	
J9003	C2021	09	22.16120017	20	57.50	+41	59	46.4	18.87gUES096I41	
J9003	C2021	09	22.25350017	21	16.59	+41	59	59.3	18.42rUES096I41	
J9003	C2021	09	22.27383017	21	20.87	+42	00	02.0	18.54iUES096I41	
N7805	KC2021	09	26.08161018	54	56.63	+12	52	26.5	16.5 GVES096V93	
N7805	KC2021	09	26.11180618	54	54.18	+12	55	49.4	16.5 GVES096V93	
N7805	KC2021	09	26.14545618	54	51.49	+12	59	35.6	16.6 GVES096V93	
P7744	C2019	05	01.06934616	26	54.50	-02	00	28.9	18.8 GVES096C95	
P7744	C2019	05	01.07235816	26	54.42	-02	00	24.8	18.5 GVES096C95	
P7744	C2019	05	01.07536416	26	54.32	-02	00	21.0	19.0 GVES096C95	
P7744	C2019	05	01.07898616	26	54.19	-02	00	16.4	18.8 GVES096C95	
S3460	KC2021	09	23.82560621	44	38.82	+14	23	36.5	16.8 RVES096160	
S3460	KC2021	09	23.82741621	44	38.88	+14	23	37.9	16.3 RVES096160	
S3460	KC2021	09	23.82923321	44	38.92	+14	23	39.4	17.1 RVES096160	
S3460	C2021	09	26.24758	21	46	35.826	+14	55	01.35	17.3 wUES096F52
S3460	C2021	09	26.25911	21	46	36.306	+14	55	10.29	17.4 wUES096F52
S3460	C2021	09	26.27067	21	46	36.787	+14	55	19.18	17.3 wUES096F52
S5571	KC2021	09	26.08956522	04	48.60	+41	56	41.3	17.7 GVES096V93	
S5571	KC2021	09	26.12074822	04	50.78	+41	56	12.5	17.7 GVES096V93	
S5571	KC2021	09	26.15662222	04	53.29	+41	55	38.0	17.4 GVES096V93	
T7300	KC2021	09	23.89688822	54	21.23	+17	51	14.2	18.6 RVES096160	
T7300	KC2021	09	23.89900522	54	20.91	+17	51	09.5	18.3 RVES096160	
T7300	KC2021	09	23.90111222	54	20.54	+17	51	05.0	17.6 RVES096160	
T7300	KC2021	09	24.96358322	51	42.55	+17	07	45.5	18.6 GVES096Z80	
T7300	KC2021	09	24.96821322	51	41.81	+17	07	34.3	18.0 GVES096Z80	
T7300	KC2021	09	24.97284322	51	41.16	+17	07	22.8	19.0 GVES096Z80	
T7300	KC2021	09	26.01971	22	49	05.37	+16	22	38.6	18.7 GVES096W46
T7300	KC2021	09	26.03744	22	49	02.58	+16	21	52.1	18.7 GVES096W46
T7300	KC2021	09	26.06565	22	48	58.10	+16	20	38.5	18.5 GVES096W46
U2871	C2021	09	27.26470821	21	07.148	-19	12	43.38	19.73wUES096F51	
U2871	C2021	09	27.28429121	21	09.738	-19	12	30.02	19.81wUES096F51	
U2871	C2021	09	27.29426921	21	11.055	-19	12	23.13	19.80wUES096F51	
W6732	KC2021	09	26.21459823	47	49.59	-10	05	19.4	16.4 GVES096V93	
W6732	KC2021	09	26.24857923	47	50.76	-10	05	33.7	16.4 GVES096V93	
W6732	KC2021	09	26.28049623	47	51.86	-10	05	47.4	16.5 GVES096V93	
X3889	C2021	09	26.50138602	55	01.01	-37	48	21.9	17.68oVES096T08	
X3889	C2021	09	26.50322902	55	00.70	-37	48	37.3	17.89oVES096T08	
X3889	C2021	09	26.50599402	55	00.39	-37	49	00.3	17.93oVES096T08	
X3889	C2021	09	26.51014402	54	59.90	-37	49	35.1	17.64oVES096T08	
X3889	C2021	09	26.51976702	54	58.68	-37	50	55.5	17.90oVES096T08	
X3889	C2021	09	26.52022802	54	58.62	-37	50	59.4	18.04oVES096T08	
X3889	C2021	09	26.52484002	54	58.11	-37	51	37.9	17.84oVES096T08	
X3889	C2021	09	26.53086202	54	57.35	-37	52	28.2	18.00oVES096T08	
Z3938	KC2021	09	23.88642822	47	25.13	+24	15	42.3	17.1 RVES096160	
Z3938	KC2021	09	23.88912522	47	25.14	+24	15	49.1	15.9 RVES096160	
Z3938	KC2021	09	23.89120422	47	25.14	+24	15	54.4	16.4 RVES096160	
Z3938	KC2021	09	26.10339122	48	09.53	+25	47	57.2	16.7 GVES096V93	
Z3938	KC2021	09	26.13678722	48	09.96	+25	49	20.3	16.9 GVES096V93	
Z3938	KC2021	09	26.17251322	48	10.38	+25	50	48.5	16.7 GVES096V93	
Z3938	C2021	09	26.27299022	48	12.37	+25	54	59.1	17.22gUES096I41	
Z3938	C2021	09	26.29966022	48	12.65	+25	56	04.1	16.62iUES096I41	
Z3938	C2021	09	26.30014022	48	12.66	+25	56	05.2	16.57iUES096I41	
Z3938	C2021	09	26.34817022	48	13.22	+25	58	01.4	16.67rUES096I41	
a3027	KC2021	09	23.87629222	36	35.27	+33	12	49.6	17.5 RVES096160	
a3027	KC2021	09	23.87841122	36	34.37	+33	12	39.9	17.0 RVES096160	
a3027	KC2021	09	23.88038222	36	33.56	+33	12	30.6	16.5 RVES096160	
a3027	KC2021	09	25.87354122	23	41.60	+30	29	53.0	17.2 GVES096G33	
a3027	KC2021	09	25.87559022	23	40.69	+30	29	41.1	17.5 GVES096G33	
a3027	KC2021	09	25.87820622	23	39.73	+30	29	28.1	17.3 GVES096G33	
a3027	KC2021	09	25.88053822	23	38.78	+30	29	15.6	17.1 GVES096G33	
a3027	KC2021	09	26.01897	22	46.73	+30	17	16.7	17.8 GXES096W34	

a3027	KC2021	09	26.02661	22	22	43.69	+30	16	37.3	17.6	GXES096W34
a3027	KC2021	09	26.03473	22	22	40.43	+30	15	55.0	17.6	GXES096W34
d6794	C2021	09	26.52139009	34	25.10	+18	30	31.6		19.43r	UES096I41
d6794	C2021	09	26.52376009	34	25.74	+18	30	21.6		19.29r	UES096I41
d6794	C2021	09	26.52613009	34	26.35	+18	30	11.7		19.21r	UES096I41
d6794	C2021	09	26.52850009	34	27.00	+18	30	02.2		19.54r	UES096I41
d6794	C2021	09	26.53086009	34	27.66	+18	29	52.4		19.72r	UES096I41
f8896	C2021	09	27.27787222	21	55.905	-01	46	10.22		21.49w	UES096F52
f8896	C2021	09	27.28930722	21	55.207	-01	46	24.09		21.56w	UES096F52
f8896	C2021	09	27.30079522	21	54.518	-01	46	37.93		21.05w	UES096F52
f8896	C2021	09	27.31224222	21	53.819	-01	46	51.63		20.97w	UES096F52
14532	HC2012	10	05.47729	08	27	16.76	+28	57	24.8		oES096291
14532	HC2012	10	05.48504	08	27	18.88	+28	57	16.1		oES096291
14532	HC2012	11	06.50618	10	42	36.29	+16	08	44.5	20.1	RoES096291
14532	HC2012	11	06.50921	10	42	36.95	+16	08	38.8	20.4	RoES096291
14532	HC2012	11	06.51224	10	42	37.65	+16	08	33.6	20.0	RoES096291
n5615	C2021	09	26.24507416	18	38.50	+27	31	16.9		18.96o	VES096T05
n5615	C2021	09	26.24827516	18	38.89	+27	31	15.8		19.07o	VES096T05
n5615	C2021	09	26.25469416	18	39.53	+27	31	12.9		19.25o	VES096T05
n5615	C2021	09	26.26482916	18	40.76	+27	31	06.3		18.92o	VES096T05
q3786	!C2021	09	26.11232	22	16	41.39	-49	59	29.7	20.7	G ES096W84
q3786	!C2021	09	26.11991	22	16	40.84	-49	59	34.8	20.8	G ES096W84
q3786	!C2021	09	26.12751	22	16	40.28	-49	59	40.0	20.7	G ES096W84

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