Table S3: Results of U-Th-Pb analyses

				Isotope ratios								Apparent ages (Ma)								
Analysis	**U (ppm)**	**206Pb 204Pb**	**U/Th**	**206Pb* 207Pb***	**± (%)**	**207Pb* 235U***	**± (%)**	**206Pb* 238U**	**± (%)**	**error corr.**	**206Pb* 238U***	**± (Ma)**	**207Pb* 235U**	**± (Ma)**	**206Pb* 207Pb***	**± (Ma)**	**Best age (Ma)**	**± (Ma)**	**Conc (%)**
SVANETI																			
N1 (C16014B)																			
C16014B-Spot 276	3982	123469	3.0	18.0017	0.8	0.4748	1.6	0.0620	1.4	0.88	387.9	5.4	394.5	5.4	433.4	17.3	387.9	5.4	NA
C16014B-Spot 209	2047	169525	2.4	17.4452	0.9	0.5707	1.9	0.0722	1.7	0.89	449.7	7.4	458.5	7.0	503.0	19.0	449.7	7.4	89.4
C16014B-Spot 284	857	237690	0.6	16.9299	1.0	0.6016	2.9	0.0739	2.8	0.94	459.6	12.2	478.3	11.2	568.6	21.4	459.6	12.2	80.8
C16014B-Spot 246	2163	78877	2.0	17.2955	0.9	0.5998	1.7	0.0753	1.4	0.83	467.8	6.2	477.1	6.3	521.9	20.3	467.8	6.2	89.6
C16014B-Spot 282	1219	568675	0.8	17.2665	0.8	0.6073	1.5	0.0761	1.3	0.86	472.7	5.8	481.9	5.7	525.6	16.4	472.7	5.8	89.9
C16014B-Spot 1	1570	119132	2.9	17.3275	0.7	0.6067	1.5	0.0763	1.3	0.87	473.8	5.8	481.4	5.6	517.9	16.0	473.8	5.8	91.5
C16014B-Spot 240	1287	340506	0.7	17.5061	0.9	0.6006	1.7	0.0763	1.5	0.84	474.0	6.7	477.6	6.7	495.3	20.9	474.0	6.7	95.7
C16014B-Spot 91	2227	416832	4.8	17.4638	0.7	0.6042	1.3	0.0766	1.1	0.82	475.5	4.9	479.9	5.0	500.7	16.3	475.5	4.9	95.0
C16014B-Spot 6	1268	393643	3.8	17.2485	0.8	0.6214	1.6	0.0778	1.3	0.84	482.8	6.1	490.7	6.1	527.9	18.4	482.8	6.1	91.4
C16014B-Spot 103	475	106469	4.1	17.0709	0.9	0.6320	1.8	0.0783	1.6	0.88	485.9	7.4	497.3	7.1	550.5	18.9	485.9	7.4	88.3
C16014B-Spot 177	1885	105637	2.3	17.4320	0.8	0.6266	1.5	0.0793	1.2	0.82	491.7	5.6	494.0	5.7	504.7	18.4	491.7	5.6	97.4
C16014B-Spot 256	494	60080	1.8	17.2827	0.9	0.6352	1.5	0.0797	1.1	0.77	494.0	5.3	499.3	5.7	523.5	20.5	494.0	5.3	94.4
C16014B-Spot 63	1062	360445	0.7	16.8005	0.7	0.6559	1.8	0.0800	1.7	0.91	495.9	7.9	512.1	7.3	585.3	16.2	495.9	7.9	84.7
C16014B-Spot 133	1961	1176336	1.7	17.2177	0.7	0.6467	1.4	0.0808	1.1	0.84	500.9	5.5	506.5	5.4	531.8	16.3	500.9	5.5	94.2
C16014B-Spot 296	1096	191359	1.3	17.1369	0.9	0.6509	1.6	0.0809	1.3	0.81	501.7	6.1	509.0	6.3	542.1	19.9	501.7	6.1	92.6
C16014B-Spot 18	181	41289	1.9	17.1462	1.3	0.6511	2.0	0.0810	1.5	0.77	502.1	7.2	509.1	7.8	540.9	27.4	502.1	7.2	92.8
C16014B-Spot 67	313	46642	3.3	17.2843	1.1	0.6460	1.9	0.0810	1.5	0.81	502.2	7.3	506.0	7.5	523.3	24.3	502.2	7.3	96.0
C16014B-Spot 92	2141	106409	2.3	17.3343	0.9	0.6573	1.5	0.0827	1.2	0.80	512.0	6.0	512.9	6.1	517.0	19.9	512.0	6.0	99.0
C16014B-Spot 42	1303	101548	4.6	17.3257	0.9	0.6625	1.9	0.0833	1.7	0.87	515.7	8.2	516.2	7.6	518.1	20.1	515.7	8.2	99.5
C16014B-Spot 80	2096	173958	1.3	17.2964	0.9	0.6652	1.8	0.0835	1.6	0.88	516.9	7.7	517.8	7.2	521.8	18.9	516.9	7.7	99.1
C16014B-Spot 200	1130	450992	3.4	16.8773	0.7	0.6848	1.4	0.0839	1.2	0.87	519.1	6.0	529.7	5.7	575.4	14.7	519.1	6.0	90.2
C16014B-Spot 155	1405	245299	4.9	16.8807	0.9	0.6931	2.0	0.0849	1.7	0.89	525.2	8.8	534.6	8.1	574.9	19.2	525.2	8.8	91.4
C16014B-Spot 5	2253	216946	8.0	17.1307	0.7	0.6842	1.4	0.0850	1.3	0.88	526.2	6.4	529.3	5.9	542.9	14.7	526.2	6.4	96.9
C16014B-Spot 236	559	201698	2.3	16.9220	0.8	0.6950	1.6	0.0853	1.3	0.84	527.9	6.6	535.8	6.5	569.6	18.1	527.9	6.6	92.7
C16014B-Spot 214	1068	80741	1.1	17.0210	0.7	0.6931	1.5	0.0856	1.3	0.88	529.4	6.8	534.6	6.4	556.9	16.0	529.4	6.8	95.1
C16014B-Spot 46	813	97841	2.9	16.9059	0.9	0.7004	1.4	0.0859	1.1	0.78	531.4	5.6	539.0	5.9	571.7	19.1	531.4	5.6	92.9
C16014B-Spot 47	991	105358	1.2	16.8207	0.9	0.7079	1.6	0.0864	1.3	0.81	534.2	6.6	543.5	6.7	582.7	20.0	534.2	6.6	91.7
C16014B-Spot 183	813	159630	3.5	17.3536	0.8	0.6926	1.4	0.0872	1.2	0.84	539.0	6.2	534.3	5.9	514.6	16.8	539.0	6.2	104.7
C16014B-Spot 114	542	44841	1.2	16.6530	0.9	0.7237	1.3	0.0874	0.9	0.71	540.4	4.7	552.8	5.5	604.4	19.4	540.4	4.7	89.4
C16014B-Spot 190	665	116582	3.1	17.2354	1.1	0.6995	1.9	0.0875	1.6	0.82	540.6	8.3	538.5	8.1	529.6	24.4	540.6	8.3	102.1
C16014B-Spot 244	1361	2862474	3.1	16.9122	0.9	0.7153	1.4	0.0878	1.1	0.75	542.4	5.5	547.9	5.9	570.9	20.1	542.4	5.5	95.0
C16014B-Spot 226	352	40353	2.2	16.5835	1.1	0.7337	1.7	0.0883	1.2	0.73	545.4	6.5	558.7	7.2	613.4	24.7	545.4	6.5	88.9
C16014B-Spot 77	171	44102	2.1	16.8291	1.3	0.7253	2.0	0.0886	1.5	0.76	547.1	7.8	553.8	8.3	581.6	27.4	547.1	7.8	94.1
C16014B-Spot 139	1070	159785	14.2	17.0537	0.9	0.7161	1.5	0.0886	1.1	0.76	547.3	5.8	548.4	6.2	552.7	20.5	547.3	5.8	99.0
C16014B-Spot 306	475	117757	1.5	16.8133	0.9	0.7265	1.7	0.0886	1.4	0.84	547.4	7.5	554.5	7.3	583.6	19.8	547.4	7.5	93.8
C16014B-Spot 265	484	68210	1.2	17.0753	1.0	0.7157	1.5	0.0887	1.1	0.72	547.7	5.5	548.1	6.2	550.0	22.0	547.7	5.5	99.6
C16014B-Spot 266	389	42345	6.0	17.0163	1.1	0.7196	1.8	0.0888	1.5	0.82	548.7	7.9	550.4	7.8	557.5	23.2	548.7	7.9	98.4
C16014B-Spot 41	1194	202866	1.3	16.6416	0.9	0.7359	1.6	0.0889	1.3	0.84	548.8	7.0	560.0	6.8	605.9	18.8	548.8	7.0	90.6
C16014B-Spot 76	1090	94954	2.2	17.0455	0.9	0.7193	1.5	0.0890	1.2	0.80	549.4	6.4	550.2	6.5	553.8	20.3	549.4	6.4	99.2
C16014B-Spot 181	1554	376990	2.0	17.1163	0.7	0.7184	1.2	0.0892	1.0	0.79	550.9	5.0	549.7	5.1	544.7	16.0	550.9	5.0	101.1
C16014B-Spot 204	471	60757	2.9	17.2597	1.0	0.7131	1.5	0.0893	1.1	0.73	551.4	5.7	546.6	6.2	526.5	21.9	551.4	5.7	104.7
C16014B-Spot 96	570	117034	4.4	17.1010	0.7	0.7208	1.6	0.0894	1.4	0.89	552.2	7.5	551.2	6.7	546.7	15.4	552.2	7.5	101.0
C16014B-Spot 273	919	237466	1.2	16.8364	1.1	0.7328	2.4	0.0895	2.1	0.89	552.7	11.3	558.2	10.3	580.7	23.9	552.7	11.3	95.2
C16014B-Spot 121	342	50590	1.4	16.6758	1.0	0.7405	1.6	0.0896	1.2	0.78	553.2	6.4	562.7	6.8	601.4	21.3	553.2	6.4	92.0
C16014B-Spot 32	400	142446	5.5	17.0513	1.0	0.7247	1.5	0.0897	1.1	0.72	553.6	5.7	553.5	6.3	553.0	22.3	553.6	5.7	100.1
C16014B-Spot 109	234	25433	1.5	16.8630	0.9	0.7338	1.2	0.0898	0.8	0.70	554.3	4.5	558.8	5.2	577.2	18.6	554.3	4.5	96.0

C16014B-Spot 120	757	319105	2.9	17.0230	0.6	0.7271	1.3	0.0898	1.1	0.89	554.4	6.0	554.9	5.4	556.7	12.3	554.4	6.0	99.6
C16014B-Spot 89	817	115571	2.5	16.9714	0.8	0.7298	1.3	0.0899	1.1	0.83	554.7	5.9	556.4	5.8	563.3	16.4	554.7	5.9	98.5
C16014B-Spot 213	195	114927	1.3	16.6381	1.0	0.7449	1.9	0.0899	1.7	0.86	555.1	8.9	565.3	8.4	606.3	21.1	555.1	8.9	91.6
C16014B-Spot 33	526	92561	2.7	16.9792	0.9	0.7306	1.6	0.0900	1.3	0.81	555.6	6.9	556.9	6.8	562.3	20.0	555.6	6.9	98.8
C16014B-Spot 310	310	27725	2.3	16.6356	1.2	0.7467	2.0	0.0901	1.5	0.78	556.3	8.1	566.3	8.5	606.7	26.8	556.3	8.1	91.7
C16014B-Spot 129	473	153516	2.0	16.9383	1.0	0.7336	1.4	0.0902	1.0	0.71	556.5	5.2	558.6	5.9	567.6	21.1	556.5	5.2	98.0
C16014B-Spot 281	460	112498	2.6	17.1002	0.9	0.7267	1.8	0.0902	1.5	0.85	556.5	8.1	554.6	7.6	546.8	20.7	556.5	8.1	101.8
C16014B-Spot 168	672	67349	1.9	17.0693	0.9	0.7287	1.5	0.0902	1.2	0.80	557.0	6.4	555.8	6.4	550.8	19.4	557.0	6.4	101.1
C16014B-Spot 149	269	226505	1.7	16.7234	1.1	0.7440	1.6	0.0903	1.2	0.73	557.2	6.3	564.7	6.9	595.3	23.6	557.2	6.3	93.6
C16014B-Spot 141	407	54296	4.5	17.0883	1.1	0.7285	1.9	0.0903	1.6	0.84	557.5	8.6	555.7	8.2	548.3	23.2	557.5	8.6	101.7
C16014B-Spot 29	578	3818621	2.5	16.9686	0.9	0.7340	1.3	0.0904	1.0	0.73	557.7	5.2	558.9	5.7	563.6	19.7	557.7	5.2	99.0
C16014B-Spot 292	422	54803	3.5	16.7289	0.9	0.7458	1.4	0.0905	1.1	0.75	558.6	5.6	565.8	6.1	594.6	20.0	558.6	5.6	94.0
C16014B-Spot 208	989	2405132	2.3	16.9738	0.9	0.7358	1.6	0.0906	1.3	0.81	559.2	6.9	560.0	6.8	563.0	20.3	559.2	6.9	99.3
C16014B-Spot 94	347	700439	2.2	16.8761	1.2	0.7401	1.7	0.0906	1.2	0.72	559.2	6.5	562.5	7.2	575.5	25.0	559.2	6.5	97.2
C16014B-Spot 125	1162	151990	4.2	16.5072	0.8	0.7577	1.6	0.0908	1.3	0.85	560.0	7.2	572.7	6.9	623.4	17.7	560.0	7.2	89.8
C16014B-Spot 237	894	139457	1.0	16.9734	0.9	0.7370	1.6	0.0908	1.3	0.84	560.1	7.2	560.7	6.9	563.0	18.6	560.1	7.2	99.5
C16014B-Spot 192	614	203732	2.4	16.8261	0.9	0.7436	1.2	0.0908	0.9	0.72	560.2	4.7	564.5	5.3	582.0	18.5	560.2	4.7	96.3
C16014B-Spot 84	1492	235095	1.9	16.8718	0.8	0.7420	1.3	0.0908	1.1	0.81	560.5	5.9	563.6	5.8	576.1	17.0	560.5	5.9	97.3
C16014B-Spot 291	782	44463	1.8	16.8606	0.8	0.7429	1.3	0.0909	1.0	0.76	560.8	5.2	564.1	5.6	577.5	18.2	560.8	5.2	97.1
C16014B-Spot 68	866	124655	2.5	16.8409	0.9	0.7443	1.7	0.0909	1.4	0.85	561.1	7.6	564.9	7.2	580.1	19.3	561.1	7.6	96.7
C16014B-Spot 100	313	40390	1.0	16.7015	0.9	0.7510	1.3	0.0910	1.0	0.74	561.5	5.2	568.8	5.6	598.1	18.8	561.5	5.2	93.9
C16014B-Spot 102	266	158698	1.2	16.7305	0.8	0.7498	1.3	0.0910	1.0	0.75	561.6	5.1	568.1	5.5	594.3	18.1	561.6	5.1	94.5
C16014B-Spot 118	248	84128	2.7	17.0509	1.2	0.7359	1.6	0.0910	1.2	0.71	561.7	6.3	560.0	7.1	553.1	25.5	561.7	6.3	101.6
C16014B-Spot 283	363	109349	2.3	16.7021	1.0	0.7514	1.4	0.0911	1.0	0.73	561.8	5.6	569.0	6.2	598.0	21.0	561.8	5.6	93.9
C16014B-Spot 98	285	100446	1.8	16.7561	0.9	0.7494	1.5	0.0911	1.2	0.80	562.1	6.6	567.9	6.6	591.0	19.8	562.1	6.6	95.1
C16014B-Spot 163	890	103491	1.4	16.7726	1.0	0.7490	1.5	0.0912	1.1	0.73	562.4	6.0	567.6	6.6	588.9	22.7	562.4	6.0	95.5
C16014B-Spot 83	345	158351	2.1	17.0886	0.8	0.7356	1.2	0.0912	0.9	0.75	562.7	4.9	559.8	5.3	548.3	17.7	562.7	4.9	102.6
C16014B-Spot 23	1027	699018	0.9	16.7885	0.9	0.7488	2.3	0.0912	2.1	0.92	562.7	11.3	567.5	9.9	586.8	19.0	562.7	11.3	95.9
C16014B-Spot 134	459	1016510	6.8	16.8892	1.0	0.7445	1.6	0.0912	1.2	0.75	562.9	6.3	565.0	6.8	573.8	22.8	562.9	6.3	98.1
C16014B-Spot 48	392	105459	3.3	16.9949	1.1	0.7402	1.6	0.0913	1.1	0.70	563.1	6.0	562.5	6.8	560.3	24.5	563.1	6.0	100.5
C16014B-Spot 218	208	268667	0.5	16.5133	0.9	0.7620	1.8	0.0913	1.5	0.85	563.2	8.4	575.2	8.0	622.6	20.5	563.2	8.4	90.5
C16014B-Spot 210	405	89483	4.7	16.7456	1.0	0.7521	1.6	0.0914	1.3	0.80	563.7	7.0	569.4	7.1	592.4	21.3	563.7	7.0	95.1
C16014B-Spot 50	233	41148	1.9	16.7960	1.2	0.7506	1.7	0.0915	1.2	0.70	564.3	6.3	568.6	7.2	585.9	25.5	564.3	6.3	96.3
C16014B-Spot 4	854	109708	1.7	16.4876	0.8	0.7653	1.5	0.0915	1.3	0.84	564.7	6.9	577.0	6.7	625.9	17.8	564.7	6.9	90.2
C16014B-Spot 205	696	87204	4.1	16.9228	0.7	0.7464	1.4	0.0917	1.2	0.85	565.3	6.4	566.1	6.1	569.5	16.2	565.3	6.4	99.3
C16014B-Spot 313	285	1089318	3.7	16.7949	1.2	0.7529	1.8	0.0917	1.3	0.74	565.8	7.2	569.9	7.9	586.0	26.3	565.8	7.2	96.6
C16014B-Spot 30	233	23990	2.0	16.9636	1.1	0.7468	1.6	0.0919	1.1	0.71	566.9	6.1	566.4	6.9	564.3	24.4	566.9	6.1	100.5
C16014B-Spot 15	490	1176577	1.6	16.3278	1.2	0.7770	1.7	0.0921	1.2	0.70	567.7	6.6	583.8	7.7	646.9	26.8	567.7	6.6	87.7
C16014B-Spot 315	143	45864037	1.3	16.7180	1.2	0.7590	1.8	0.0921	1.3	0.74	567.8	7.3	573.5	7.9	596.0	26.3	567.8	7.3	95.3
C16014B-Spot 57	596	116138	10.6	16.6299	1.0	0.7650	1.6	0.0923	1.2	0.78	569.2	6.8	576.9	7.1	607.4	21.8	569.2	6.8	93.7
C16014B-Spot 81	481	158188	5.1	16.8266	0.8	0.7568	1.5	0.0924	1.2	0.85	569.7	6.8	572.2	6.4	581.9	16.9	569.7	6.8	97.9
C16014B-Spot 169	213	21301	3.0	16.9981	1.1	0.7498	1.6	0.0925	1.1	0.71	570.2	6.2	568.1	6.9	559.9	24.4	570.2	6.2	101.8
C16014B-Spot 199	566	1072204	3.2	16.7051	0.9	0.7631	1.3	0.0925	1.0	0.73	570.3	5.3	575.8	5.8	597.6	19.6	570.3	5.3	95.4
C16014B-Spot 180	653	100647	1.1	16.8836	1.1	0.7557	1.8	0.0926	1.5	0.81	570.8	8.1	571.5	8.0	574.6	23.6	570.8	8.1	99.3
C16014B-Spot 153	881	731196	0.7	16.4576	1.0	0.7756	2.0	0.0926	1.7	0.86	571.0	9.2	583.0	8.7	629.9	22.0	571.0	9.2	90.6
C16014B-Spot 116	476	558728	3.3	16.7333	1.2	0.7628	1.6	0.0926	1.0	0.65	571.0	5.7	575.6	7.0	594.0	26.3	571.0	5.7	96.1
C16014B-Spot 44	334	308725	2.6	16.4528	0.9	0.7762	1.4	0.0927	1.0	0.76	571.3	5.7	583.3	6.1	630.5	19.3	571.3	5.7	90.6
C16014B-Spot 302	285	275470	2.9	16.9277	1.1	0.7573	1.8	0.0930	1.5	0.82	573.4	8.3	572.5	8.1	568.9	23.0	573.4	8.3	100.8
C16014B-Spot 104	569	90116	2.4	16.6689	0.8	0.7695	1.3	0.0931	1.1	0.83	573.7	6.1	579.5	5.9	602.3	16.3	573.7	6.1	95.2
C16014B-Spot 55	659	2455562	2.3	16.8616	1.1	0.7608	1.6	0.0931	1.2	0.71	573.7	6.3	574.5	7.1	577.4	25.0	573.7	6.3	99.4
C16014B-Spot 130	378	195603	2.9	16.5753	1.3	0.7746	1.8	0.0932	1.2	0.67	574.2	6.5	582.4	7.8	614.5	28.1	574.2	6.5	93.4
C16014B-Spot 150	112	107902	1.3	16.8263	1.1	0.7633	1.5	0.0932	1.1	0.68	574.4	5.8	575.9	6.8	581.9	24.4	574.4	5.8	98.7
C16014B-Spot 267	858	136722	3.0	16.7753	1.0	0.7672	1.4	0.0934	1.0	0.72	575.5	5.6	578.1	6.3	588.5	21.5	575.5	5.6	97.8
C16014B-Spot 298	668	932382	2.5	16.8974	0.9	0.7626	1.5	0.0935	1.2	0.80	576.2	6.5	575.5	6.4	572.8	19.0	576.2	6.5	100.6
C16014B-Spot 45	297	79173	1.9	16.7350	1.1	0.7702	1.7	0.0935	1.2	0.73	576.4	6.7	579.9	7.3	593.8	24.6	576.4	6.7	97.1

C16014B-Spot 186	280	97704	0.8	16.6687	1.0	0.7734	1.5	0.0935	1.1	0.73	576.5	6.1	581.7	6.7	602.3	22.2	576.5	6.1	95.7
C16014B-Spot 101	278	1168055	1.7	16.6331	1.0	0.7752	1.5	0.0936	1.2	0.77	576.6	6.5	582.8	6.8	607.0	21.1	576.6	6.5	95.0
C16014B-Spot 207	250	173075	1.8	16.7214	1.1	0.7716	1.6	0.0936	1.1	0.70	576.9	6.0	580.7	6.9	595.5	23.9	576.9	6.0	96.9
C16014B-Spot 159	225	180902	3.3	16.6442	1.3	0.7763	1.8	0.0938	1.3	0.71	577.7	7.1	583.4	8.0	605.5	27.5	577.7	7.1	95.4
C16014B-Spot 148	256	72728	2.3	17.0598	1.2	0.7576	1.6	0.0938	1.1	0.68	577.9	6.1	572.6	7.1	552.0	26.2	577.9	6.1	104.7
C16014B-Spot 259	543	71941	1.5	16.8306	0.8	0.7682	1.5	0.0938	1.3	0.86	578.1	6.9	578.7	6.5	581.4	16.3	578.1	6.9	99.4
C16014B-Spot 201	259	72792	2.5	16.8678	0.9	0.7666	1.4	0.0938	1.1	0.78	578.1	6.2	577.8	6.4	576.6	19.8	578.1	6.2	100.3
C16014B-Spot 36	121	34162	2.1	16.2603	1.6	0.7978	2.1	0.0941	1.3	0.64	579.9	7.4	595.6	9.4	655.8	34.4	579.9	7.4	88.4
C16014B-Spot 20	187	75203	1.0	16.7408	1.0	0.7764	1.7	0.0943	1.4	0.82	581.0	7.7	583.4	7.6	593.0	21.2	581.0	7.7	98.0
C16014B-Spot 79	412	70673	2.3	16.6870	0.9	0.7790	1.5	0.0943	1.3	0.82	581.0	7.0	584.9	6.9	600.0	19.3	581.0	7.0	96.8
C16014B-Spot 191	218	74980	1.4	16.6470	1.1	0.7811	1.5	0.0943	1.0	0.68	581.2	5.7	586.1	6.7	605.2	23.8	581.2	5.7	96.0
C16014B-Spot 111	798	494049	0.8	16.6894	0.7	0.7797	1.2	0.0944	1.0	0.81	581.6	5.5	585.3	5.4	599.7	15.1	581.6	5.5	97.0
C16014B-Spot 25	481	92031	3.4	16.6507	1.0	0.7828	1.6	0.0946	1.2	0.75	582.5	6.6	587.1	7.0	604.7	22.4	582.5	6.6	96.3
C16014B-Spot 280	238	31192	2.5	16.5368	1.1	0.7888	1.8	0.0946	1.3	0.76	582.9	7.5	590.5	7.9	619.5	24.5	582.9	7.5	94.1
C16014B-Spot 131	654	58982	1.0	16.8503	0.9	0.7747	1.4	0.0947	1.1	0.77	583.4	6.2	582.5	6.4	578.8	19.8	583.4	6.2	100.8
C16014B-Spot 182	56	22644	2.1	16.8274	1.7	0.7762	2.2	0.0948	1.4	0.61	583.7	7.5	583.3	9.8	581.8	37.8	583.7	7.5	100.3
C16014B-Spot 175	262	81849	2.6	16.6073	1.0	0.7882	1.7	0.0950	1.4	0.80	584.9	7.6	590.1	7.6	610.3	22.2	584.9	7.6	95.8
C16014B-Spot 198	302	82556	1.6	16.7450	1.0	0.7821	1.4	0.0950	0.9	0.67	585.2	5.2	586.7	6.2	592.5	22.3	585.2	5.2	98.8
C16014B-Spot 178	270	37904	3.5	16.8713	1.0	0.7790	1.4	0.0954	1.0	0.72	587.2	5.7	584.9	6.2	576.2	21.1	587.2	5.7	101.9
C16014B-Spot 99	184	31913	2.0	16.5605	1.3	0.7941	1.7	0.0954	1.2	0.68	587.5	6.5	593.5	7.7	616.4	27.2	587.5	6.5	95.3
C16014B-Spot 176	77	57492	1.4	16.5947	1.4	0.7929	1.9	0.0955	1.2	0.66	587.8	6.9	592.8	8.3	612.0	30.1	587.8	6.9	96.1
C16014B-Spot 248	313	461176	2.4	16.5988	0.8	0.7928	1.6	0.0955	1.3	0.84	587.9	7.4	592.8	7.1	611.4	18.3	587.9	7.4	96.1
C16014B-Spot 263	801	6763155	1.2	16.4129	0.8	0.8020	1.5	0.0955	1.3	0.84	588.1	7.1	598.0	6.8	635.8	17.5	588.1	7.1	92.5
C16014B-Spot 195	494	134329	10.4	16.8049	0.9	0.7848	1.2	0.0957	0.8	0.65	589.1	4.3	588.2	5.3	584.7	19.5	589.1	4.3	100.7
C16014B-Spot 196	658	107299	1.1	16.4360	0.9	0.8035	1.6	0.0958	1.4	0.85	589.9	7.9	598.8	7.5	632.7	18.5	589.9	7.9	93.2
C16014B-Spot 146	66	24808	1.1	16.5178	1.3	0.7998	1.9	0.0959	1.4	0.75	590.1	7.9	596.7	8.5	622.0	27.0	590.1	7.9	94.9
C16014B-Spot 254	428	444796	15.4	16.5658	1.0	0.7988	1.5	0.0960	1.1	0.75	591.0	6.3	596.1	6.7	615.7	21.1	591.0	6.3	96.0
C16014B-Spot 70	532	205682	1.2	16.7181	1.0	0.7919	1.4	0.0961	1.0	0.71	591.3	5.8	592.3	6.4	595.9	21.8	591.3	5.8	99.2
C16014B-Spot 247	623	255171	13.2	16.6796	1.1	0.7964	2.0	0.0964	1.6	0.82	593.2	9.2	594.8	8.9	600.9	24.7	593.2	9.2	98.7
C16014B-Spot 222	1731	155592	4.4	16.2719	1.0	0.8164	1.8	0.0964	1.5	0.83	593.2	8.5	606.0	8.2	654.3	21.3	593.2	8.5	90.7
C16014B-Spot 206	217	353628	3.4	16.7303	1.0	0.7957	1.7	0.0966	1.4	0.82	594.4	7.8	594.4	7.6	594.4	21.0	594.4	7.8	100.0
C16014B-Spot 251	391	90719	2.9	16.9367	1.0	0.7869	1.7	0.0967	1.4	0.83	595.0	8.1	589.4	7.7	567.8	21.2	595.0	8.1	104.8
C16014B-Spot 87	142	96234	0.6	16.4929	1.2	0.8081	1.5	0.0967	1.0	0.65	595.0	5.6	601.4	6.9	625.2	25.0	595.0	5.6	95.2
C16014B-Spot 297	59	6561	8.8	16.7864	1.5	0.7941	2.0	0.0967	1.3	0.64	595.2	7.3	593.5	9.0	587.1	33.3	595.2	7.3	101.4
C16014B-Spot 143	401	84473	0.5	16.8007	0.8	0.7936	1.6	0.0967	1.4	0.86	595.3	8.0	593.2	7.4	585.3	17.9	595.3	8.0	101.7
C16014B-Spot 241	503	105615	1.1	16.8013	0.9	0.7960	1.7	0.0970	1.5	0.84	597.0	8.3	594.6	7.8	585.2	20.4	597.0	8.3	102.0
C16014B-Spot 93	82	40883	3.3	16.5492	1.3	0.8093	1.7	0.0972	1.1	0.64	597.9	6.2	602.1	7.7	617.9	28.2	597.9	6.2	96.8
C16014B-Spot 123	278	37538	2.5	16.7001	1.1	0.8032	2.0	0.0973	1.6	0.84	598.7	9.4	598.6	8.9	598.3	23.1	598.7	9.4	100.1
C16014B-Spot 255	287	63525	2.6	16.1418	1.0	0.8310	1.7	0.0973	1.3	0.77	598.8	7.3	614.2	7.6	671.5	22.4	598.8	7.3	89.2
C16014B-Spot 285	75	35868	1.9	16.8291	1.4	0.7986	2.0	0.0975	1.3	0.67	599.8	7.5	596.0	8.8	581.6	31.5	599.8	7.5	103.1
C16014B-Spot 279	75	57343	0.7	16.6181	1.5	0.8087	2.2	0.0975	1.5	0.70	599.8	8.7	601.7	9.9	608.9	33.5	599.8	8.7	98.5
C16014B-Spot 260	130	100445	0.8	16.6640	1.4	0.8075	1.9	0.0976	1.3	0.70	600.5	7.7	601.1	8.7	603.0	29.5	600.5	7.7	99.6
C16014B-Spot 138	450	75705	1.3	16.7823	0.9	0.8031	1.7	0.0978	1.4	0.84	601.5	8.3	598.6	7.8	587.6	20.6	601.5	8.3	102.4
C16014B-Spot 170	553	4042128	1.4	16.4044	0.8	0.8237	1.5	0.0980	1.2	0.83	602.9	7.0	610.1	6.7	636.9	17.8	602.9	7.0	94.7
C16014B-Spot 106	237	61642	1.4	16.3552	1.2	0.8272	2.1	0.0982	1.7	0.83	603.6	9.8	612.1	9.5	643.3	24.8	603.6	9.8	93.8
C16014B-Spot 230	200	36179	1.7	16.4968	1.4	0.8220	1.9	0.0984	1.4	0.71	605.0	8.0	609.2	8.9	624.7	29.7	605.0	8.0	96.8
C16014B-Spot 261	736	201204	1.5	16.6378	0.8	0.8163	1.6	0.0985	1.3	0.85	605.9	7.7	606.0	7.2	606.4	18.1	605.9	7.7	99.9
C16014B-Spot 26	611	93729	0.7	16.4005	0.9	0.8303	1.3	0.0988	0.9	0.71	607.4	5.2	613.8	5.8	637.4	19.2	607.4	5.2	95.3
C16014B-Spot 258	673	75489	30.6	16.4331	1.0	0.8310	1.4	0.0991	1.0	0.70	609.1	5.5	614.2	6.3	633.1	20.8	609.1	5.5	96.2
C16014B-Spot 88	347	77718	1.0	16.2818	0.9	0.8398	1.4	0.0992	1.0	0.73	609.8	5.9	619.0	6.4	653.0	20.0	609.8	5.9	93.4
C16014B-Spot 85	309	115143	1.1	16.2578	0.8	0.8419	1.2	0.0993	0.9	0.75	610.4	5.4	620.2	5.8	656.1	17.6	610.4	5.4	93.0
C16014B-Spot 293	481	52633	0.9	16.6194	0.8	0.8242	1.5	0.0994	1.3	0.85	610.8	7.3	610.4	6.8	608.8	16.7	610.8	7.3	100.3
C16014B-Spot 11	333	48890	1.4	16.5350	1.0	0.8288	1.7	0.0994	1.3	0.79	611.1	7.8	612.9	7.8	619.7	22.6	611.1	7.8	98.6
C16014B-Spot 233	365	89268	1.6	16.5120	0.8	0.8305	1.4	0.0995	1.1	0.78	611.5	6.2	613.9	6.2	622.8	18.2	611.5	6.2	98.2
C16014B-Spot 305	74	8281	2.8	16.7107	1.6	0.8207	2.0	0.0995	1.2	0.63	611.5	7.3	608.4	9.1	596.9	33.6	611.5	7.3	102.4

C16014B-Spot 162	957	143664	2.6	16.4399	1.1	0.8365	1.9	0.0998	1.5	0.79	613.1	8.8	617.2	8.7	632.2	24.7	613.1	8.8	97.0
C16014B-Spot 314	334	46000	1.4	16.3357	1.2	0.8418	2.1	0.0998	1.7	0.81	613.1	9.8	620.2	9.6	645.9	26.0	613.1	9.8	94.9
C16014B-Spot 301	779	166787	2.7	16.3061	0.7	0.8450	1.3	0.1000	1.1	0.84	614.2	6.5	621.9	6.2	649.8	15.4	614.2	6.5	94.5
C16014B-Spot 49	792	145150	0.4	16.4322	0.9	0.8430	1.5	0.1005	1.2	0.80	617.4	7.3	620.8	7.2	633.2	19.8	617.4	7.3	97.5
C16014B-Spot 239	548	97397	2.1	16.4904	0.9	0.8402	1.6	0.1005	1.3	0.81	617.5	7.8	619.3	7.6	625.6	20.4	617.5	7.8	98.7
C16014B-Spot 234	1209	464185	1.7	16.6440	0.8	0.8347	1.5	0.1008	1.3	0.85	619.1	7.5	616.2	6.9	605.6	16.8	619.1	7.5	102.2
C16014B-Spot 117	280	92200	3.1	16.4812	1.2	0.8439	1.7	0.1009	1.1	0.69	619.8	6.8	621.3	7.7	626.8	25.8	619.8	6.8	98.9
C16014B-Spot 8	213	113737	1.7	15.8646	1.3	0.8777	1.7	0.1010	1.2	0.68	620.5	6.9	639.7	8.2	708.4	27.1	620.5	6.9	87.6
C16014B-Spot 219	577	267608	1.3	16.5267	0.8	0.8450	1.5	0.1013	1.3	0.85	622.2	7.5	621.9	6.9	620.8	17.0	622.2	7.5	100.2
C16014B-Spot 188	388	168529	1.4	16.2850	0.9	0.8579	1.8	0.1014	1.6	0.86	622.5	9.4	629.0	8.6	652.6	19.8	622.5	9.4	95.4
C16014B-Spot 124	464	105371	11.1	16.4492	0.8	0.8496	1.2	0.1014	0.9	0.77	622.7	5.4	624.5	5.6	631.0	16.5	622.7	5.4	98.7
C16014B-Spot 224	333	282791	1.7	16.3492	1.0	0.8551	1.4	0.1014	1.0	0.69	622.9	5.8	627.5	6.7	644.1	22.3	622.9	5.8	96.7
C16014B-Spot 307	237	19582	1.8	16.3085	1.0	0.8573	1.5	0.1014	1.1	0.71	622.9	6.3	628.7	7.0	649.5	22.3	622.9	6.3	95.9
C16014B-Spot 54	123	19906	1.5	15.7589	1.1	0.8872	1.7	0.1015	1.4	0.79	622.9	8.2	644.9	8.3	722.6	22.6	622.9	8.2	86.2
C16014B-Spot 211	138	76436	3.4	16.6400	1.2	0.8410	1.6	0.1015	1.1	0.67	623.5	6.4	619.7	7.5	606.1	26.2	623.5	6.4	102.9
C16014B-Spot 34	601	48994	2.1	15.5178	1.0	0.9021	1.5	0.1016	1.1	0.75	623.6	6.6	652.9	7.2	755.2	20.8	623.6	6.6	82.6
C16014B-Spot 252	687	64078	2.1	16.5562	1.0	0.8459	1.5	0.1016	1.1	0.75	623.9	6.5	622.4	6.8	617.0	20.9	623.9	6.5	101.1
C16014B-Spot 74	882	109833	1.5	16.5200	0.8	0.8484	1.3	0.1017	1.0	0.79	624.3	5.9	623.8	5.9	621.7	16.6	624.3	5.9	100.4
C16014B-Spot 231	409	93653	0.8	16.6731	0.9	0.8416	1.4	0.1018	1.1	0.76	625.0	6.5	620.0	6.6	601.8	19.8	625.0	6.5	103.9
C16014B-Spot 232	862	465192	3.4	15.9917	0.9	0.8788	1.2	0.1020	0.9	0.70	626.0	5.2	640.4	5.9	691.4	19.0	626.0	5.2	90.5
C16014B-Spot 174	241	63143	3.7	16.1304	0.9	0.8733	1.5	0.1022	1.2	0.79	627.4	7.3	637.4	7.3	673.0	20.2	627.4	7.3	93.2
C16014B-Spot 27	603	168775	1.0	16.4931	0.9	0.8558	1.6	0.1024	1.3	0.81	628.6	7.8	627.8	7.5	625.2	20.2	628.6	7.8	100.5
C16014B-Spot 299	1136	98540	2.3	16.5028	0.8	0.8564	1.4	0.1025	1.2	0.82	629.3	6.9	628.1	6.7	624.0	17.7	629.3	6.9	100.9
C16014B-Spot 290	344	368505	1.6	15.9579	1.1	0.8889	1.7	0.1029	1.2	0.72	631.6	7.2	645.8	7.9	696.0	24.4	631.6	7.2	90.7
C16014B-Spot 289	232	26845	1.7	16.5046	1.0	0.8600	1.6	0.1030	1.3	0.78	631.9	7.5	630.1	7.6	623.7	21.9	631.9	7.5	101.3
C16014B-Spot 31	499	53092	1.0	16.5212	0.8	0.8613	1.3	0.1032	1.0	0.80	633.4	6.2	630.8	6.0	621.5	16.7	633.4	6.2	101.9
C16014B-Spot 16	576	192759	1.2	16.3953	0.9	0.8689	1.5	0.1034	1.2	0.79	634.1	7.2	635.0	7.1	638.1	20.0	634.1	7.2	99.4
C16014B-Spot 66	181	32359	1.3	16.4112	1.3	0.8724	1.8	0.1039	1.3	0.71	637.1	7.7	636.9	8.5	636.0	27.4	637.1	7.7	100.2
C16014B-Spot 245	489	190329	4.7	16.0061	1.1	0.8949	1.7	0.1039	1.3	0.77	637.4	8.1	649.0	8.3	689.5	23.3	637.4	8.1	92.4
C16014B-Spot 220	110	96196	3.3	16.6155	1.6	0.8638	2.1	0.1041	1.4	0.65	638.6	8.4	632.2	10.0	609.3	35.2	638.6	8.4	104.8
C16014B-Spot 269	1367	3689264	9.7	16.6217	0.8	0.8635	1.6	0.1041	1.4	0.86	638.7	8.5	632.1	7.7	608.5	18.3	638.7	8.5	105.0
C16014B-Spot 122	117	148983	1.6	16.1811	1.1	0.8898	1.5	0.1045	1.0	0.69	640.6	6.4	646.3	7.2	666.3	23.2	640.6	6.4	96.1
C16014B-Spot 308	626	275315	2.2	16.5147	0.9	0.8758	1.5	0.1049	1.2	0.79	643.3	7.3	638.7	7.2	622.4	20.1	643.3	7.3	103.4
C16014B-Spot 127	498	1059874	15.2	15.5866	1.2	0.9306	1.7	0.1052	1.3	0.74	645.1	7.9	668.0	8.5	745.9	24.7	645.1	7.9	86.5
C16014B-Spot 132	785	1299637	2.2	16.0939	0.9	0.9062	1.3	0.1058	0.9	0.70	648.4	5.6	655.0	6.3	677.8	19.8	648.4	5.6	95.7
C16014B-Spot 215	219	60045	4.6	16.0143	1.0	0.9151	1.7	0.1063	1.4	0.81	651.4	8.4	659.8	8.1	688.4	20.7	651.4	8.4	94.6
C16014B-Spot 272	161	205002	1.3	15.9086	1.0	0.9270	1.5	0.1070	1.2	0.77	655.3	7.3	666.0	7.4	702.5	20.4	655.3	7.3	93.3
C16014B-Spot 135	121	14499	2.6	15.8814	1.4	0.9313	1.7	0.1073	1.0	0.60	657.2	6.5	668.3	8.5	706.2	29.4	657.2	6.5	93.1
C16014B-Spot 242	183	483682	1.9	16.0036	1.2	0.9261	2.1	0.1075	1.7	0.81	658.4	10.8	665.6	10.4	689.9	26.3	658.4	10.8	95.4
C16014B-Spot 184	1139	296306	3.5	16.2989	0.9	0.9127	1.6	0.1079	1.3	0.84	660.8	8.4	658.5	7.7	650.7	18.3	660.8	8.4	101.5
C16014B-Spot 154	1207	393596	104.4	16.2247	0.8	0.9184	1.4	0.1081	1.1	0.81	661.8	7.0	661.5	6.7	660.5	17.1	661.8	7.0	100.2
C16014B-Spot 278	304	1336629	1.9	15.9199	0.8	0.9373	2.3	0.1083	2.1	0.93	662.7	13.5	671.4	11.3	701.1	17.8	662.7	13.5	94.5
C16014B-Spot 249	251	82877	1.8	15.8011	1.0	0.9464	1.6	0.1085	1.2	0.77	664.0	7.5	676.2	7.7	716.9	21.1	664.0	7.5	92.6
C16014B-Spot 172	211	23236	4.1	15.7549	1.0	0.9495	2.1	0.1085	1.9	0.89	664.3	12.0	677.8	10.6	723.1	20.4	664.3	12.0	91.9
C16014B-Spot 228	133	77386	1.1	16.3261	1.3	0.9195	1.9	0.1089	1.4	0.75	666.5	9.0	662.1	9.3	647.2	27.3	666.5	9.0	103.0
C16014B-Spot 179	164	60624	1.0	16.1045	1.0	0.9341	1.5	0.1091	1.1	0.73	667.8	7.0	669.8	7.5	676.4	22.4	667.8	7.0	98.7
C16014B-Spot 294	117	17627	2.0	16.0421	1.6	0.9397	2.3	0.1094	1.6	0.71	669.2	10.3	672.7	11.1	684.7	33.7	669.2	10.3	97.7
C16014B-Spot 112	77	321722	5.0	16.0998	1.3	0.9390	1.8	0.1097	1.3	0.71	671.0	8.0	672.4	8.8	677.0	26.9	671.0	8.0	99.1
C16014B-Spot 303	177	24899	1.8	16.1603	0.9	0.9445	1.3	0.1108	1.0	0.76	677.1	6.5	675.3	6.5	669.0	18.5	677.1	6.5	101.2
C16014B-Spot 227	939	173170	1.7	15.3386	0.9	1.0140	1.5	0.1129	1.2	0.80	689.3	8.0	710.9	7.9	779.7	19.4	689.3	8.0	88.4
C16014B-Spot 12	123	42879	2.3	15.7786	1.3	0.9888	2.0	0.1132	1.5	0.76	691.4	9.8	698.1	10.0	720.0	27.3	691.4	9.8	96.0
C16014B-Spot 157	189	87407	2.0	15.4743	1.1	1.0225	1.7	0.1148	1.3	0.77	700.6	8.5	715.2	8.5	761.2	22.4	700.6	8.5	92.0
C16014B-Spot 38	47	13029	1.2	15.9027	2.0	1.0284	2.4	0.1187	1.3	0.54	722.9	8.8	718.1	12.3	703.3	42.7	722.9	8.8	102.8
C16014B-Spot 271	855	1309358	6.6	15.5479	0.9	1.0793	1.8	0.1218	1.6	0.86	740.7	10.9	743.3	9.6	751.1	19.9	740.7	10.9	98.6
C16014B-Spot 270	242	54227	2.8	15.3316	1.0	1.1022	1.7	0.1226	1.4	0.82	745.6	10.0	754.4	9.2	780.7	20.8	745.6	10.0	95.5

C16014B-Spot 193	560	194812	2.0	15.4924	0.9	1.0974	1.4	0.1234	1.1	0.79	749.9	8.0	752.1	7.6	758.7	18.4	749.9	8.0	98.8
C16014B-Spot 152	703	316182	1.4	14.8440	0.9	1.1809	1.4	0.1272	1.1	0.77	771.8	7.7	791.7	7.6	848.3	18.4	771.8	7.7	91.0
C16014B-Spot 185	333	88020	2.4	15.2363	0.7	1.1616	1.5	0.1284	1.4	0.89	778.8	10.0	782.7	8.3	793.7	14.6	778.8	10.0	98.1
C16014B-Spot 235	223	44978	2.7	15.3524	1.0	1.1683	1.7	0.1301	1.3	0.82	788.7	10.0	785.9	9.1	777.8	20.1	788.7	10.0	101.4
C16014B-Spot 107	1043	442058	1.8	14.6251	0.6	1.2408	1.6	0.1317	1.5	0.92	797.4	11.3	819.3	9.2	879.0	13.3	797.4	11.3	90.7
C16014B-Spot 82	671	354824	1.9	14.1178	1.0	1.3413	2.2	0.1374	1.9	0.89	829.9	15.2	863.8	12.7	951.7	20.6	829.9	15.2	87.2
C16014B-Spot 142	86	35088	2.8	14.9457	1.3	1.2935	1.6	0.1403	1.0	0.64	846.2	8.3	842.8	9.4	834.1	26.1	846.2	8.3	101.5
C16014B-Spot 151	269	71787	1.4	14.9057	0.9	1.3058	1.7	0.1412	1.5	0.86	851.6	12.0	848.3	10.0	839.6	18.5	851.6	12.0	101.4
C16014B-Spot 286	474	161293	1.4	14.8209	1.0	1.3257	1.7	0.1426	1.3	0.79	859.2	10.6	857.0	9.7	851.5	21.6	859.2	10.6	100.9
C16014B-Spot 24	1141	352842	1.1	14.4273	0.8	1.3747	1.3	0.1439	1.0	0.79	866.7	8.5	878.2	7.8	907.2	16.7	866.7	8.5	95.5
C16014B-Spot 144	296	99352	0.6	14.3604	0.9	1.3892	1.7	0.1448	1.4	0.84	871.5	11.5	884.4	9.9	916.8	18.7	871.5	11.5	95.1
C16014B-Spot 64	223	46106	2.2	14.4325	1.0	1.4659	1.6	0.1535	1.2	0.78	920.6	10.5	916.4	9.5	906.4	20.3	906.4	20.3	101.6
C16014B-Spot 189	208	176142	1.0	14.1967	1.0	1.5416	1.6	0.1588	1.2	0.78	950.1	10.9	947.1	9.8	940.3	20.5	940.3	20.5	101.0
C16014B-Spot 140	319	96181	1.3	14.0627	0.9	1.4891	1.6	0.1519	1.3	0.84	911.8	11.4	925.9	9.7	959.7	17.5	959.7	17.5	95.0
C16014B-Spot 108	233	402547	2.8	13.9085	0.8	1.6003	1.4	0.1615	1.1	0.80	965.1	9.9	970.3	8.7	982.2	17.2	982.2	17.2	98.3
C16014B-Spot 225	716	210209	2.2	13.8280	0.7	1.6532	1.5	0.1659	1.3	0.89	989.3	12.3	990.8	9.5	994.0	13.7	994.0	13.7	99.5
C16014B-Spot 202	101	89118	1.2	13.7371	1.0	1.6469	1.6	0.1642	1.2	0.74	979.8	10.5	988.4	9.8	1007.4	21.0	1007.4	21.0	97.3
C16014B-Spot 105	130	130820	0.8	13.6807	0.9	1.6386	1.4	0.1627	1.0	0.73	971.5	9.0	985.2	8.6	1015.7	18.7	1015.7	18.7	95.6
C16014B-Spot 128	439	226022	0.9	13.6509	0.8	1.7081	1.4	0.1692	1.2	0.84	1007.6	11.1	1011.6	9.1	1020.1	15.5	1020.1	15.5	98.8
C16014B-Spot 257	314	73257	2.1	13.5681	0.8	1.7693	1.7	0.1742	1.5	0.87	1035.1	14.2	1034.3	11.0	1032.4	16.8	1032.4	16.8	100.3
C16014B-Spot 165	532	797196	6.2	13.4184	0.7	1.6728	1.5	0.1629	1.3	0.89	972.7	12.1	998.3	9.5	1054.8	13.8	1054.8	13.8	92.2
C16014B-Spot 21	185	35664	1.2	13.1864	1.0	1.8644	1.7	0.1784	1.4	0.82	1058.1	13.8	1068.6	11.4	1089.8	19.7	1089.8	19.7	97.1
C16014B-Spot 40	603	154556	2.0	12.7010	0.9	1.7111	1.4	0.1577	1.1	0.77	943.9	9.5	1012.7	9.0	1164.6	17.5	1164.6	17.5	81.1
C16014B-Spot 250	437	335396	2.2	12.1432	1.1	2.4186	2.0	0.2131	1.7	0.84	1245.3	18.8	1248.1	14.1	1253.0	20.8	1253.0	20.8	99.4
C16014B-Spot 304	629	139573	0.9	12.0427	1.0	2.2583	1.8	0.1973	1.5	0.84	1161.0	15.8	1199.4	12.5	1269.3	19.1	1269.3	19.1	91.5
C16014B-Spot 295	249	280651	0.9	11.1047	0.9	2.8712	1.4	0.2313	1.1	0.77	1341.5	12.7	1374.4	10.3	1425.8	16.6	1425.8	16.6	94.1
C16014B-Spot 97	189	167504	1.7	9.3234	0.8	4.3911	1.6	0.2971	1.4	0.87	1676.7	20.8	1710.7	13.4	1752.5	14.6	1752.5	14.6	95.7
C16014B-Spot 173	767	682098	3.8	9.3069	0.8	3.8685	1.7	0.2612	1.5	0.87	1496.2	19.8	1607.1	13.7	1755.7	15.4	1755.7	15.4	85.2
C16014B-Spot 62	328	40318	1.2	9.1078	1.2	4.1390	2.3	0.2735	1.9	0.84	1558.7	26.6	1662.0	18.6	1795.2	22.3	1795.2	22.3	86.8
C16014B-Spot 147	88	97763	1.8	9.0951	0.8	3.9830	1.3	0.2628	1.0	0.77	1504.4	13.2	1630.7	10.4	1797.8	15.0	1797.8	15.0	83.7
C16014B-Spot 264	167	110530	1.5	8.7522	1.0	4.9674	1.6	0.3155	1.2	0.77	1767.5	18.9	1813.8	13.4	1867.4	18.4	1867.4	18.4	94.7
C16014B-Spot 2	81	150422	1.4	8.6631	0.8	5.0472	1.3	0.3173	1.0	0.77	1776.3	14.9	1827.3	10.6	1885.8	14.4	1885.8	14.4	94.2
C16014B-Spot 160	109	120070	2.2	8.6516	0.9	5.1606	1.4	0.3240	1.1	0.79	1809.0	18.0	1846.1	12.3	1888.2	16.0	1888.2	16.0	95.8
C16014B-Spot 309	344	161755	2.0	8.6500	0.9	5.3289	1.4	0.3345	1.1	0.78	1860.0	18.0	1873.5	12.1	1888.6	15.9	1888.6	15.9	98.5
C16014B-Spot 78	130	67811	1.2	8.6108	0.8	5.1732	1.5	0.3232	1.2	0.84	1805.4	19.4	1848.2	12.5	1896.7	14.5	1896.7	14.5	95.2
C16014B-Spot 65	227	97850	1.2	8.6028	0.7	5.1618	1.7	0.3222	1.5	0.91	1800.5	24.2	1846.3	14.4	1898.4	12.6	1898.4	12.6	94.8
C16014B-Spot 14	137	91333	2.8	8.6006	0.7	5.3979	1.4	0.3369	1.2	0.87	1871.5	19.0	1884.5	11.6	1898.9	12.1	1898.9	12.1	98.6
C16014B-Spot 53	387	883742	3.1	8.4194	0.7	5.7481	1.5	0.3511	1.3	0.90	1940.1	22.5	1938.6	12.9	1937.1	11.7	1937.1	11.7	100.2
C16014B-Spot 253	425	192368	2.3	8.3667	0.8	5.9213	1.3	0.3595	1.0	0.78	1979.7	17.7	1964.4	11.5	1948.3	14.7	1948.3	14.7	101.6
C16014B-Spot 59	88	71222	1.6	8.2298	0.9	5.9158	1.4	0.3533	1.1	0.76	1950.1	17.8	1963.6	12.1	1977.7	16.0	1977.7	16.0	98.6
C16014B-Spot 171	456	523703	1.4	8.1831	0.9	5.3327	1.5	0.3166	1.3	0.82	1773.3	19.5	1874.1	13.1	1987.9	15.5	1987.9	15.5	89.2
C16014B-Spot 43	313	1031894	3.4	8.1338	0.8	6.1725	1.5	0.3643	1.2	0.84	2002.4	21.2	2000.6	12.8	1998.6	13.9	1998.6	13.9	100.2
C16014B-Spot 164	989	544363	2.0	8.0410	0.8	5.7922	1.3	0.3379	1.1	0.82	1876.8	17.9	1945.2	11.6	2019.0	13.4	2019.0	13.4	93.0
C16014B-Spot 312	281	928451	7.1	8.0182	0.8	6.3634	1.4	0.3702	1.2	0.84	2030.4	20.9	2027.2	12.5	2024.0	13.6	2024.0	13.6	100.3
C16014B-Spot 221	475	386625	2.5	8.0156	0.9	6.2217	1.2	0.3619	0.8	0.68	1990.9	13.7	2007.5	10.3	2024.6	15.3	2024.6	15.3	98.3
C16014B-Spot 51	708	809776	2.3	7.8489	1.0	5.1537	1.7	0.2935	1.4	0.80	1659.0	19.8	1845.0	14.3	2061.7	17.8	2061.7	17.8	80.5
C16014B-Spot 75	912	127255131	8.8	7.7965	0.9	6.3289	1.9	0.3580	1.7	0.88	1972.8	28.1	2022.5	16.4	2073.5	15.5	2073.5	15.5	95.1
C16014B-Spot 52	404	360204	2.5	7.7502	1.1	5.5596	1.5	0.3126	1.1	0.73	1753.7	17.4	1909.9	13.3	2084.0	18.5	2084.0	18.5	84.1
C16014B-Spot 39	536	210698	1.4	7.7203	0.7	5.6065	1.7	0.3141	1.6	0.91	1760.7	23.9	1917.1	14.8	2090.8	12.7	2090.8	12.7	84.2
C16014B-Spot 268	1024	620326	2.9	7.7177	1.4	5.3828	2.5	0.3014	2.0	0.82	1698.4	30.1	1882.1	21.1	2091.4	24.9	2091.4	24.9	81.2
C16014B-Spot 115	306	468952	2.6	7.6007	0.8	6.8961	1.3	0.3803	1.1	0.82	2077.7	19.4	2098.2	11.8	2118.2	13.4	2118.2	13.4	98.1
C16014B-Spot 9	627	3167482	7.9	7.4741	0.8	6.2053	1.4	0.3365	1.1	0.83	1869.9	18.4	2005.2	12.0	2147.6	13.5	2147.6	13.5	87.1
C16014B-Spot 56	165	106225	1.5	7.3449	0.9	7.3360	1.7	0.3910	1.4	0.83	2127.3	25.4	2153.2	15.1	2178.0	16.3	2178.0	16.3	97.7
C16014B-Spot 17	124	147767	1.9	7.3055	0.7	7.2614	1.3	0.3849	1.1	0.85	2099.2	20.0	2144.1	11.7	2187.4	11.8	2187.4	11.8	96.0
C16014B-Spot 212	223	23114	1.3	7.2954	0.9	6.0763	1.7	0.3216	1.4	0.83	1797.8	22.1	1986.9	14.8	2189.8	16.3	2189.8	16.3	82.1

C16014B-Spot 110	243	507154	1.3	7.2632	0.7	6.5474	1.7	0.3451	1.5	0.90	1910.9	25.1	2052.3	14.8	2197.4	12.6	2197.4	12.6	87.0
C16014B-Spot 161	47	62699	1.5	7.1369	0.9	7.9236	1.5	0.4103	1.1	0.78	2216.4	21.5	2222.4	13.3	2227.9	16.0	2227.9	16.0	99.5
C16014B-Spot 166	129	251216	2.8	7.0905	0.5	7.0466	1.3	0.3625	1.2	0.91	1994.1	20.0	2117.3	11.4	2239.2	9.2	2239.2	9.2	89.1
C16014B-Spot 203	166	83347	1.1	5.6975	1.3	12.3014	2.3	0.5085	1.9	0.84	2650.4	42.3	2627.7	21.7	2610.2	20.9	2610.2	20.9	101.5
C16014B-Spot 238	122	117116	1.7	5.4755	1.0	12.3584	1.7	0.4910	1.4	0.82	2575.0	29.4	2632.0	16.0	2676.2	16.2	2676.2	16.2	96.2
C16014B-Spot 61	66	201940	0.9	5.3694	0.8	12.8950	1.2	0.5024	0.9	0.74	2624.0	18.9	2672.0	11.1	2708.5	13.1	2708.5	13.1	96.9
C16014B-Spot 3	873	542982	1.2	5.3544	0.7	11.1574	1.4	0.4335	1.2	0.86	2321.3	22.8	2536.4	12.6	2713.1	11.3	2713.1	11.3	85.6
C16014B-Spot 277	528	1804307	1.8	5.3235	0.7	10.4596	1.6	0.4040	1.5	0.91	2187.5	27.6	2476.3	15.1	2722.7	11.1	2722.7	11.1	80.3
C16014B-Spot 71	284	685147	1.9	5.0962	0.9	14.1591	1.4	0.5236	1.0	0.74	2714.3	22.9	2760.4	13.3	2794.3	15.4	2794.3	15.4	97.1
C16014B-Spot 69	501	989985	1.3	4.9476	0.7	15.1219	1.6	0.5429	1.4	0.89	2795.4	32.3	2822.9	15.3	2842.7	12.1	2842.7	12.1	98.3
C16014B-Spot 35	373	629514	2.2	3.5390	0.8	26.0340	1.9	0.6685	1.7	0.90	3300.1	45.1	3347.8	18.9	3376.5	13.0	3376.5	13.0	97.7
Rejected Analyses																			
~~C16014B-Spot 137~~	~~1059~~	~~22985~~	~~2.1~~	~~7.0054~~	~~0.7~~	~~3.1533~~	~~1.5~~	~~0.1603~~	~~1.3~~	~~0.87~~	~~958.3~~	~~11.4~~	~~1445.8~~	~~11.3~~	~~2260.0~~	~~12.4~~	~~2260.0~~	~~12.4~~	~~42.4~~
~~C16014B-Spot 300~~	~~72~~	~~7614~~	~~2.2~~	~~12.3473~~	~~4.5~~	~~1.0054~~	~~4.7~~	~~0.0901~~	~~1.3~~	~~0.28~~	~~556.0~~	~~7.0~~	~~706.5~~	~~24.0~~	~~1220.3~~	~~89.2~~	~~556.0~~	~~7.0~~	~~45.6~~
~~C16014B-Spot 287~~	~~1301~~	~~103266~~	~~8.6~~	~~10.8075~~	~~1.0~~	~~1.6122~~	~~1.9~~	~~0.1264~~	~~1.6~~	~~0.84~~	~~767.4~~	~~11.4~~	~~975.0~~	~~11.7~~	~~1477.4~~	~~19.0~~	~~1477.4~~	~~19.0~~	~~51.9~~
~~C16014B-Spot 167~~	~~1276~~	~~245975~~	~~3.7~~	~~6.4780~~	~~0.9~~	~~4.7759~~	~~1.6~~	~~0.2245~~	~~1.3~~	~~0.83~~	~~1305.5~~	~~15.1~~	~~1780.7~~	~~13.0~~	~~2394.1~~	~~14.9~~	~~2394.1~~	~~14.9~~	~~54.5~~
~~C16014B-Spot 7~~	~~1152~~	~~195207~~	~~7.6~~	~~10.7724~~	~~1.0~~	~~1.7604~~	~~2.0~~	~~0.1376~~	~~1.7~~	~~0.86~~	~~831.1~~	~~13.2~~	~~1031.0~~	~~12.8~~	~~1483.6~~	~~19.2~~	~~1483.6~~	~~19.2~~	~~56.0~~
~~C16014B-Spot 72~~	~~243~~	~~1034649~~	~~6.0~~	~~11.0120~~	~~3.6~~	~~1.7220~~	~~4.0~~	~~0.1376~~	~~1.6~~	~~0.40~~	~~831.0~~	~~12.3~~	~~1016.8~~	~~25.6~~	~~1441.8~~	~~69.6~~	~~1441.8~~	~~69.6~~	~~57.6~~
~~C16014B-Spot 223~~	~~506~~	~~22623~~	~~5.9~~	~~8.8885~~	~~1.4~~	~~2.8520~~	~~1.9~~	~~0.1839~~	~~1.4~~	~~0.72~~	~~1088.4~~	~~13.9~~	~~1369.3~~	~~14.6~~	~~1839.5~~	~~24.6~~	~~1839.5~~	~~24.6~~	~~59.2~~
~~C16014B-Spot 156~~	~~395~~	~~68239~~	~~2.6~~	~~8.4193~~	~~1.0~~	~~3.2657~~	~~1.6~~	~~0.1995~~	~~1.3~~	~~0.78~~	~~1172.6~~	~~13.8~~	~~1472.9~~	~~12.7~~	~~1937.1~~	~~18.2~~	~~1937.1~~	~~18.2~~	~~60.5~~
~~C16014B-Spot 60~~	~~262~~	~~11013080~~	~~4.6~~	~~9.7068~~	~~0.9~~	~~2.4698~~	~~1.4~~	~~0.1740~~	~~1.1~~	~~0.76~~	~~1033.9~~	~~10.4~~	~~1263.2~~	~~10.4~~	~~1678.4~~	~~17.3~~	~~1678.4~~	~~17.3~~	~~61.6~~
~~C16014B-Spot 10~~	~~363~~	~~90228~~	~~2.8~~	~~11.0446~~	~~0.9~~	~~1.8556~~	~~2.3~~	~~0.1487~~	~~2.1~~	~~0.92~~	~~893.7~~	~~17.9~~	~~1065.4~~	~~15.3~~	~~1436.1~~	~~17.0~~	~~1436.1~~	~~17.0~~	~~62.2~~
~~C16014B-Spot 275~~	~~1419~~	~~332730~~	~~1.3~~	~~6.1176~~	~~1.0~~	~~6.2623~~	~~1.9~~	~~0.2780~~	~~1.6~~	~~0.85~~	~~1581.1~~	~~22.4~~	~~2013.2~~	~~16.4~~	~~2491.0~~	~~16.5~~	~~2491.0~~	~~16.5~~	~~63.5~~
~~C16014B-Spot 145~~	~~825~~	~~24989~~	~~0.5~~	~~15.9234~~	~~1.2~~	~~0.6741~~	~~1.9~~	~~0.0779~~	~~1.5~~	~~0.78~~	~~483.5~~	~~6.8~~	~~523.2~~	~~7.6~~	~~700.6~~	~~24.5~~	~~483.5~~	~~6.8~~	~~69.0~~
~~C16014B-Spot 113~~	~~224~~	~~105851~~	~~2.9~~	~~10.1681~~	~~1.0~~	~~2.5356~~	~~1.8~~	~~0.1871~~	~~1.5~~	~~0.82~~	~~1105.5~~	~~14.8~~	~~1282.3~~	~~12.9~~	~~1592.2~~	~~19.1~~	~~1592.2~~	~~19.1~~	~~69.4~~
~~C16014B-Spot 37~~	~~725~~	~~59869~~	~~2.1~~	~~8.4496~~	~~0.8~~	~~3.8156~~	~~1.3~~	~~0.2339~~	~~1.1~~	~~0.80~~	~~1355.1~~	~~13.2~~	~~1596.0~~	~~10.8~~	~~1930.6~~	~~14.4~~	~~1930.6~~	~~14.4~~	~~70.2~~
~~C16014B-Spot 229~~	~~351~~	~~197598~~	~~2.1~~	~~8.5790~~	~~1.1~~	~~3.7366~~	~~3.1~~	~~0.2326~~	~~2.9~~	~~0.93~~	~~1348.1~~	~~35.4~~	~~1579.2~~	~~25.0~~	~~1903.4~~	~~20.2~~	~~1903.4~~	~~20.2~~	~~70.8~~
~~C16014B-Spot 136~~	~~496~~	~~212563~~	~~1.3~~	~~16.3184~~	~~1.1~~	~~0.6245~~	~~1.9~~	~~0.0739~~	~~1.6~~	~~0.83~~	~~459.9~~	~~7.0~~	~~492.6~~	~~7.5~~	~~648.2~~	~~22.8~~	~~459.9~~	~~7.0~~	~~70.9~~
~~C16014B-Spot 197~~	~~181~~	~~172765~~	~~2.8~~	~~9.7953~~	~~1.2~~	~~2.9220~~	~~1.9~~	~~0.2077~~	~~1.4~~	~~0.77~~	~~1216.4~~	~~16.0~~	~~1387.6~~	~~14.1~~	~~1661.6~~	~~21.9~~	~~1661.6~~	~~21.9~~	~~73.2~~
~~C16014B-Spot 95~~	~~266~~	~~114285~~	~~6.6~~	~~7.7683~~	~~1.2~~	~~4.7463~~	~~4.5~~	~~0.2675~~	~~4.3~~	~~0.96~~	~~1528.2~~	~~59.0~~	~~1775.5~~	~~37.7~~	~~2079.9~~	~~20.9~~	~~2079.9~~	~~20.9~~	~~73.5~~
~~C16014B-Spot 28~~	~~248~~	~~37612~~	~~1.3~~	~~15.7152~~	~~1.1~~	~~0.7631~~	~~2.0~~	~~0.0870~~	~~1.6~~	~~0.82~~	~~537.8~~	~~8.5~~	~~575.8~~	~~8.8~~	~~728.5~~	~~24.2~~	~~537.8~~	~~8.5~~	~~73.8~~
~~C16014B-Spot 243~~	~~1029~~	~~317908~~	~~3.9~~	~~8.1655~~	~~1.0~~	~~4.3596~~	~~1.8~~	~~0.2583~~	~~1.5~~	~~0.84~~	~~1481.1~~	~~19.7~~	~~1704.7~~	~~14.7~~	~~1991.7~~	~~17.2~~	~~1991.7~~	~~17.2~~	~~74.4~~
~~C16014B-Spot 158~~	~~116~~	~~43592~~	~~0.9~~	~~14.7741~~	~~2.2~~	~~0.9960~~	~~2.4~~	~~0.1068~~	~~1.1~~	~~0.45~~	~~654.0~~	~~6.8~~	~~701.8~~	~~12.4~~	~~858.0~~	~~45.4~~	~~654.0~~	~~6.8~~	~~76.2~~
~~C16014B-Spot 22~~	~~554~~	~~70279~~	~~2.5~~	~~14.0355~~	~~0.9~~	~~1.1980~~	~~1.6~~	~~0.1220~~	~~1.3~~	~~0.82~~	~~742.1~~	~~8.9~~	~~799.7~~	~~8.6~~	~~963.7~~	~~18.1~~	~~742.1~~	~~8.9~~	~~77.0~~
~~C16014B-Spot 119~~	~~775~~	~~1251812~~	~~16.6~~	~~14.3766~~	~~1.1~~	~~1.1155~~	~~1.6~~	~~0.1164~~	~~1.1~~	~~0.73~~	~~709.6~~	~~7.7~~	~~760.8~~	~~8.4~~	~~914.4~~	~~22.2~~	~~709.6~~	~~7.7~~	~~77.6~~
~~C16014B-Spot 86~~	~~542~~	~~61195~~	~~1.0~~	~~15.3282~~	~~0.7~~	~~0.8948~~	~~3.7~~	~~0.0995~~	~~3.6~~	~~0.98~~	~~611.6~~	~~21.1~~	~~648.9~~	~~17.7~~	~~781.1~~	~~15.2~~	~~611.6~~	~~21.1~~	~~78.3~~
~~C16014B-Spot 216~~	~~603~~	~~234874~~	~~8.0~~	~~14.7181~~	~~1.1~~	~~1.0416~~	~~1.8~~	~~0.1112~~	~~1.4~~	~~0.77~~	~~679.9~~	~~8.9~~	~~724.7~~	~~9.2~~	~~865.9~~	~~23.4~~	~~679.9~~	~~8.9~~	~~78.5~~
~~C16014B-Spot 274~~	~~132~~	~~117046~~	~~0.7~~	~~8.5289~~	~~0.9~~	~~4.2831~~	~~3.1~~	~~0.2651~~	~~3.0~~	~~0.96~~	~~1515.7~~	~~39.9~~	~~1690.1~~	~~25.4~~	~~1913.9~~	~~16.0~~	~~1913.9~~	~~16.0~~	~~79.2~~
~~C16014B-Spot 58~~	~~382~~	~~61213~~	~~5.1~~	~~16.0382~~	~~1.3~~	~~0.7604~~	~~1.9~~	~~0.0885~~	~~1.3~~	~~0.71~~	~~546.6~~	~~6.9~~	~~574.2~~	~~8.2~~	~~685.3~~	~~28.0~~	~~546.6~~	~~6.9~~	~~79.8~~
~~C16014B-Spot 311~~	~~96~~	~~8478~~	~~0.7~~	~~16.8533~~	~~1.4~~	~~0.8112~~	~~1.9~~	~~0.0992~~	~~1.2~~	~~0.66~~	~~609.7~~	~~7.2~~	~~603.1~~	~~8.5~~	~~578.5~~	~~30.7~~	~~609.7~~	~~7.2~~	~~105.4~~
~~C16014B-Spot 90~~	~~181~~	~~16974~~	~~1.3~~	~~17.1803~~	~~1.1~~	~~0.7395~~	~~1.6~~	~~0.0922~~	~~1.2~~	~~0.75~~	~~568.4~~	~~6.6~~	~~562.1~~	~~7.0~~	~~536.6~~	~~23.6~~	~~568.4~~	~~6.6~~	~~105.9~~
~~C16014B-Spot 19~~	~~329~~	~~534119~~	~~3.8~~	~~5.4620~~	~~0.7~~	~~13.9702~~	~~1.2~~	~~0.5537~~	~~1.0~~	~~0.83~~	~~2840.4~~	~~23.3~~	~~2747.7~~	~~11.5~~	~~2680.3~~	~~11.2~~	~~2680.3~~	~~11.2~~	~~106.0~~
~~C16014B-Spot 288~~	~~330~~	~~19481~~	~~1.2~~	~~17.1910~~	~~0.9~~	~~0.7511~~	~~1.3~~	~~0.0937~~	~~0.9~~	~~0.73~~	~~577.3~~	~~5.2~~	~~568.9~~	~~5.7~~	~~535.2~~	~~19.6~~	~~577.3~~	~~5.2~~	~~107.9~~
~~C16014B-Spot 126~~	~~515~~	~~140629~~	~~1.7~~	~~16.6698~~	~~1.1~~	~~0.8879~~	~~1.6~~	~~0.1074~~	~~1.1~~	~~0.74~~	~~657.6~~	~~7.2~~	~~645.2~~	~~7.4~~	~~602.2~~	~~22.9~~	~~657.6~~	~~7.2~~	~~109.2~~
~~C16014B-Spot 13~~	~~257~~	~~27498~~	~~2.5~~	~~16.8350~~	~~1.0~~	~~0.8507~~	~~1.7~~	~~0.1039~~	~~1.4~~	~~0.82~~	~~637.3~~	~~8.4~~	~~625.1~~	~~7.9~~	~~580.8~~	~~21.0~~	~~637.3~~	~~8.4~~	~~109.7~~
~~C16014B-Spot 217~~	~~121~~	~~19472~~	~~2.5~~	~~17.2197~~	~~1.3~~	~~0.7609~~	~~1.6~~	~~0.0951~~	~~1.0~~	~~0.59~~	~~585.5~~	~~5.5~~	~~574.6~~	~~7.2~~	~~531.6~~	~~28.9~~	~~585.5~~	~~5.5~~	~~110.1~~
~~C16014B-Spot 73~~	~~162~~	~~83475~~	~~3.1~~	~~16.6671~~	~~1.0~~	~~0.9043~~	~~1.6~~	~~0.1094~~	~~1.2~~	~~0.76~~	~~669.1~~	~~7.7~~	~~654.0~~	~~7.7~~	~~602.6~~	~~22.7~~	~~669.1~~	~~7.7~~	~~111.0~~
N2 (C16033B)																			
C16033B-Spot 247	1882	140054	2.4	18.1037	1.6	0.4453	2.0	0.0585	1.1	0.57	366.5	4.0	374.0	6.2	420.8	36.2	366.5	4.0	NA
C16033B-Spot 14	1183	92977	3.3	17.6546	1.1	0.4585	1.5	0.0587	1.0	0.69	367.9	3.7	383.2	4.8	476.7	24.1	367.9	3.7	NA
C16033B-Spot 43	1481	61533	2.6	17.9075	1.2	0.4554	1.8	0.0592	1.3	0.73	370.6	4.7	381.1	5.6	445.1	26.9	370.6	4.7	NA

C16033B-Spot 172	405	65196	3.0	15.8218	2.4	0.5168	2.7	0.0593	1.3	0.49	371.5	4.8	423.0	9.4	714.2	50.2	371.5	4.8	NA
C16033B-Spot 8	1054	85122	3.8	15.9878	3.1	0.5134	3.3	0.0596	1.3	0.38	372.9	4.6	420.7	11.4	691.9	65.2	372.9	4.6	NA
C16033B-Spot 116	1869	886896	1.3	18.1470	1.0	0.4536	1.6	0.0597	1.2	0.78	374.0	4.4	379.8	4.9	415.5	21.9	374.0	4.4	NA
C16033B-Spot 158	933	548447	2.5	18.2864	1.2	0.4507	1.9	0.0598	1.5	0.79	374.4	5.4	377.8	5.9	398.4	26.0	374.4	5.4	NA
C16033B-Spot 80	2069	60663731	4.5	18.4390	0.9	0.4471	1.4	0.0598	1.1	0.78	374.5	3.9	375.2	4.3	379.7	19.4	374.5	3.9	NA
C16033B-Spot 202	1158	117695	3.3	18.5473	1.2	0.4446	1.8	0.0598	1.3	0.73	374.6	4.7	373.5	5.6	366.6	27.7	374.6	4.7	NA
C16033B-Spot 30	1883	153856	1.8	18.3294	1.0	0.4504	1.5	0.0599	1.2	0.76	375.0	4.3	377.5	4.9	393.1	22.4	375.0	4.3	NA
C16033B-Spot 9	1068	64151	2.3	18.0374	1.3	0.4584	2.0	0.0600	1.5	0.76	375.6	5.6	383.1	6.4	429.0	28.8	375.6	5.6	NA
C16033B-Spot 275	1478	125165	1.9	18.4773	0.9	0.4480	1.5	0.0601	1.2	0.78	376.0	4.2	375.9	4.7	375.1	20.9	376.0	4.2	NA
C16033B-Spot 126	1220	35208	4.7	18.4213	1.0	0.4497	1.5	0.0601	1.2	0.75	376.3	4.2	377.1	4.8	381.9	22.7	376.3	4.2	NA
C16033B-Spot 17	1131	34576	2.3	18.7255	0.8	0.4424	1.4	0.0601	1.2	0.84	376.3	4.4	372.0	4.5	345.0	17.8	376.3	4.4	NA
C16033B-Spot 36	731	149312	1.9	18.1167	1.0	0.4580	1.6	0.0602	1.3	0.79	376.9	4.7	382.9	5.2	419.2	22.5	376.9	4.7	NA
C16033B-Spot 302	1020	94846	2.4	18.5717	1.1	0.4468	1.4	0.0602	0.9	0.61	376.9	3.2	375.0	4.5	363.6	25.9	376.9	3.2	NA
C16033B-Spot 306	1006	71960	2.2	17.5142	1.2	0.4739	1.8	0.0602	1.2	0.70	377.0	4.5	393.9	5.7	494.3	27.5	377.0	4.5	NA
C16033B-Spot 243	3048	106973	1.3	18.5806	0.9	0.4468	1.5	0.0602	1.2	0.81	377.1	4.3	375.1	4.6	362.5	19.4	377.1	4.3	NA
C16033B-Spot 74	896	230802	3.4	18.4483	1.0	0.4502	1.5	0.0603	1.1	0.73	377.2	4.0	377.4	4.7	378.6	22.6	377.2	4.0	NA
C16033B-Spot 24	1438	656939	2.1	18.3217	1.0	0.4534	1.8	0.0603	1.5	0.84	377.3	5.6	379.6	5.7	394.1	22.2	377.3	5.6	NA
C16033B-Spot 114	1195	81591	1.7	18.4341	0.8	0.4507	1.5	0.0603	1.2	0.84	377.4	4.5	377.8	4.6	380.3	17.7	377.4	4.5	NA
C16033B-Spot 22	857	45358	3.8	18.1533	0.9	0.4578	1.5	0.0603	1.2	0.82	377.5	4.4	382.7	4.7	414.7	19.1	377.5	4.4	NA
C16033B-Spot 229	713	131358	1.9	18.0605	1.1	0.4604	1.6	0.0603	1.2	0.74	377.7	4.2	384.6	5.0	426.2	23.5	377.7	4.2	NA
C16033B-Spot 52	1036	143294	1.9	18.2764	1.3	0.4551	1.7	0.0604	1.1	0.65	377.8	4.1	380.9	5.4	399.6	29.0	377.8	4.1	NA
C16033B-Spot 129	1178	70184	0.8	18.1427	1.1	0.4587	1.6	0.0604	1.2	0.73	377.9	4.3	383.3	5.1	416.0	24.3	377.9	4.3	NA
C16033B-Spot 69	648	39905	4.6	18.4965	1.2	0.4505	1.9	0.0605	1.5	0.78	378.5	5.5	377.7	6.0	372.7	26.9	378.5	5.5	NA
C16033B-Spot 35	1163	154191	1.9	18.2734	1.2	0.4564	1.7	0.0605	1.2	0.70	378.7	4.2	381.7	5.3	400.0	26.7	378.7	4.2	NA
C16033B-Spot 173	768	90210	2.0	18.0824	1.2	0.4615	1.7	0.0606	1.3	0.73	379.0	4.6	385.3	5.5	423.5	26.0	379.0	4.6	NA
C16033B-Spot 161	1273	1805175	1.5	18.1519	0.7	0.4600	1.2	0.0606	0.9	0.81	379.2	3.5	384.3	3.7	414.9	15.1	379.2	3.5	NA
C16033B-Spot 91	1048	245640	2.9	18.1255	1.3	0.4607	1.9	0.0606	1.3	0.71	379.2	4.9	384.7	6.0	418.2	29.9	379.2	4.9	NA
C16033B-Spot 224	683	6053443	2.7	17.6271	1.4	0.4738	1.9	0.0606	1.3	0.69	379.2	4.8	393.8	6.2	480.1	30.3	379.2	4.8	NA
C16033B-Spot 4	1176	106562	2.2	17.8675	1.0	0.4677	1.3	0.0606	0.8	0.61	379.5	2.8	389.6	4.1	450.1	22.5	379.5	2.8	NA
C16033B-Spot 79	916	1640080	1.8	18.1021	1.1	0.4621	1.6	0.0607	1.2	0.75	379.9	4.4	385.7	5.2	421.0	23.9	379.9	4.4	NA
C16033B-Spot 221	437	23927	1.8	18.4166	1.4	0.4542	2.0	0.0607	1.5	0.73	379.9	5.5	380.2	6.4	382.5	31.0	379.9	5.5	NA
C16033B-Spot 56	748	28373	3.4	17.6369	1.6	0.4746	2.1	0.0607	1.3	0.63	380.1	4.9	394.4	6.8	478.9	35.9	380.1	4.9	NA
C16033B-Spot 51	227	17291	2.5	18.4955	1.8	0.4529	2.4	0.0608	1.6	0.66	380.3	5.9	379.3	7.7	372.9	41.2	380.3	5.9	NA
C16033B-Spot 96	3148	115610	2.9	18.6648	0.8	0.4488	1.5	0.0608	1.3	0.86	380.4	4.8	376.4	4.7	352.3	17.0	380.4	4.8	NA
C16033B-Spot 26	1701	234514	2.0	18.1421	1.1	0.4619	1.6	0.0608	1.2	0.72	380.5	4.3	385.6	5.1	416.1	24.7	380.5	4.3	NA
C16033B-Spot 130	715	26889	2.6	17.8978	1.1	0.4684	1.8	0.0608	1.4	0.78	380.6	5.1	390.0	5.8	446.3	25.1	380.6	5.1	NA
C16033B-Spot 278	239	81354	1.4	18.2188	1.5	0.4605	2.0	0.0609	1.3	0.67	381.0	4.9	384.6	6.4	406.7	33.1	381.0	4.9	NA
C16033B-Spot 63	709	25426	3.4	18.3622	1.6	0.4569	1.9	0.0609	1.0	0.54	381.0	3.8	382.1	6.0	389.1	35.6	381.0	3.8	NA
C16033B-Spot 291	715	66168	2.3	18.4342	1.0	0.4554	1.7	0.0609	1.4	0.82	381.2	5.1	381.0	5.4	380.3	22.0	381.2	5.1	NA
C16033B-Spot 83	651	17058	2.8	18.5416	1.2	0.4528	1.8	0.0609	1.4	0.76	381.2	5.1	379.2	5.8	367.2	26.7	381.2	5.1	NA
C16033B-Spot 57	1552	113052	3.0	18.6641	1.2	0.4500	1.8	0.0609	1.4	0.75	381.3	5.0	377.3	5.7	352.4	27.0	381.3	5.0	NA
C16033B-Spot 226	958	4354276	2.2	18.0546	1.1	0.4653	1.6	0.0610	1.2	0.76	381.5	4.6	388.0	5.2	426.9	23.5	381.5	4.6	NA
C16033B-Spot 138	563	23550	1.4	17.9252	1.1	0.4694	1.8	0.0610	1.4	0.80	382.0	5.4	390.7	5.9	442.9	24.3	382.0	5.4	NA
C16033B-Spot 105	1033	27270	1.6	18.5685	1.1	0.4533	1.6	0.0611	1.2	0.72	382.1	4.4	379.6	5.2	364.0	25.8	382.1	4.4	NA
C16033B-Spot 266	976	115095	2.1	18.0454	0.9	0.4665	1.5	0.0611	1.2	0.81	382.2	4.4	388.8	4.8	428.0	19.3	382.2	4.4	NA
C16033B-Spot 169	1566	850102	1.9	17.7429	2.0	0.4746	2.2	0.0611	1.0	0.46	382.3	3.8	394.4	7.2	465.6	43.7	382.3	3.8	NA
C16033B-Spot 282	1114	113068	3.2	18.3454	0.9	0.4593	1.5	0.0611	1.1	0.78	382.5	4.2	383.7	4.7	391.2	20.5	382.5	4.2	NA
C16033B-Spot 27	1040	68365	1.7	18.1536	1.2	0.4641	1.7	0.0611	1.2	0.71	382.5	4.4	387.1	5.4	414.7	26.4	382.5	4.4	NA
C16033B-Spot 170	903	79577	4.0	17.9375	1.0	0.4698	1.8	0.0611	1.5	0.82	382.6	5.7	391.1	6.0	441.4	23.3	382.6	5.7	NA
C16033B-Spot 135	1277	77266	2.2	18.3201	1.2	0.4601	1.6	0.0612	1.1	0.68	382.6	4.1	384.3	5.2	394.3	26.8	382.6	4.1	NA
C16033B-Spot 84	830	30838	3.9	18.3766	1.0	0.4589	1.3	0.0612	0.9	0.69	382.9	3.4	383.5	4.3	387.3	21.8	382.9	3.4	NA
C16033B-Spot 220	681	80552	4.3	18.3215	1.1	0.4606	1.7	0.0612	1.3	0.77	383.1	4.7	384.7	5.3	394.1	23.9	383.1	4.7	NA
C16033B-Spot 108	797	94604	3.3	17.7855	1.5	0.4746	2.0	0.0612	1.3	0.65	383.2	4.7	394.3	6.4	460.3	33.2	383.2	4.7	NA
C16033B-Spot 103	1368	56579	2.9	17.6158	1.0	0.4794	1.5	0.0613	1.0	0.71	383.4	3.9	397.7	4.8	481.6	23.0	383.4	3.9	NA
C16033B-Spot 311	287	23967	4.2	18.3424	1.6	0.4604	2.1	0.0613	1.3	0.63	383.4	5.0	384.6	6.7	391.5	36.4	383.4	5.0	NA

C16033B-Spot 293	765	41798	3.4	18.4950	1.2	0.4569	1.7	0.0613	1.1	0.67	383.6	4.1	382.1	5.3	372.9	27.9	383.6	4.1	NA
C16033B-Spot 211	620	70974	2.9	17.9752	1.1	0.4705	1.5	0.0614	1.0	0.69	383.9	3.8	391.5	4.8	436.7	24.0	383.9	3.8	NA
C16033B-Spot 48	1283	73265	3.7	18.2796	1.2	0.4629	1.7	0.0614	1.2	0.72	384.1	4.5	386.3	5.4	399.2	25.9	384.1	4.5	NA
C16033B-Spot 68	709	75423	1.8	18.3254	1.1	0.4618	1.8	0.0614	1.5	0.79	384.2	5.4	385.5	5.9	393.6	25.4	384.2	5.4	NA
C16033B-Spot 117	764	698163	3.2	18.1514	1.0	0.4663	1.5	0.0614	1.1	0.73	384.2	4.0	388.6	4.7	415.0	22.4	384.2	4.0	NA
C16033B-Spot 199	1055	106481	1.7	18.6714	1.0	0.4536	1.8	0.0615	1.5	0.84	384.5	5.6	379.8	5.7	351.5	22.0	384.5	5.6	NA
C16033B-Spot 236	1117	41377	5.3	18.3338	1.2	0.4621	1.5	0.0615	0.9	0.63	384.6	3.5	385.7	4.8	392.6	26.1	384.6	3.5	NA
C16033B-Spot 171	865	135553	2.8	18.3427	1.2	0.4620	1.9	0.0615	1.4	0.76	384.7	5.4	385.7	6.1	391.5	28.0	384.7	5.4	NA
C16033B-Spot 149	676	62676	2.7	18.2580	1.1	0.4644	1.6	0.0615	1.2	0.73	384.9	4.3	387.3	5.1	401.9	24.3	384.9	4.3	NA
C16033B-Spot 155	906	298701	5.1	18.3025	0.8	0.4634	1.5	0.0615	1.3	0.83	385.0	4.7	386.6	4.8	396.4	18.7	385.0	4.7	NA
C16033B-Spot 167	1351	60110	2.2	18.3463	1.2	0.4624	1.8	0.0616	1.3	0.73	385.1	4.8	386.0	5.6	391.1	26.8	385.1	4.8	NA
C16033B-Spot 228	850	1262827	2.7	18.1083	1.0	0.4686	1.4	0.0616	0.9	0.67	385.1	3.5	390.2	4.5	420.3	22.9	385.1	3.5	NA
C16033B-Spot 181	985	125359	2.6	17.9991	1.0	0.4717	1.7	0.0616	1.4	0.80	385.3	5.2	392.3	5.6	433.8	23.2	385.3	5.2	NA
C16033B-Spot 215	1672	2513500	2.1	18.2909	0.9	0.4644	1.6	0.0616	1.4	0.84	385.6	5.1	387.3	5.3	397.8	19.8	385.6	5.1	NA
C16033B-Spot 86	384	48141	3.3	17.8591	1.2	0.4757	1.7	0.0616	1.2	0.71	385.6	4.6	395.1	5.6	451.1	26.9	385.6	4.6	NA
C16033B-Spot 242	1440	44094	1.4	18.4528	1.2	0.4610	1.6	0.0617	1.1	0.65	386.1	4.0	385.0	5.3	378.0	28.0	386.1	4.0	NA
C16033B-Spot 10	1967	1357400	2.0	18.2321	1.1	0.4667	1.9	0.0617	1.5	0.80	386.2	5.6	388.9	6.1	405.1	25.0	386.2	5.6	NA
C16033B-Spot 122	1404	117612	2.5	18.2795	1.0	0.4656	1.6	0.0617	1.3	0.79	386.3	4.8	388.1	5.3	399.2	22.8	386.3	4.8	NA
C16033B-Spot 147	672	431520	3.8	17.7442	1.2	0.4798	1.7	0.0618	1.2	0.71	386.4	4.6	398.0	5.7	465.5	27.1	386.4	4.6	NA
C16033B-Spot 75	1300	234715	4.1	18.2129	0.9	0.4675	1.7	0.0618	1.4	0.85	386.4	5.3	389.5	5.4	407.4	19.6	386.4	5.3	NA
C16033B-Spot 3	1938	104213	1.7	18.3910	1.1	0.4635	1.9	0.0618	1.6	0.83	386.8	5.9	386.7	6.1	385.6	23.6	386.8	5.9	NA
C16033B-Spot 225	1409	60048	1.6	18.3008	0.9	0.4658	1.5	0.0619	1.2	0.81	386.9	4.6	388.3	4.8	396.6	19.6	386.9	4.6	NA
C16033B-Spot 72	1804	93683	1.4	18.2675	1.1	0.4668	1.6	0.0619	1.1	0.74	387.0	4.3	389.0	5.0	400.7	23.6	387.0	4.3	NA
C16033B-Spot 295	1465	294194	1.0	18.5205	1.0	0.4604	1.4	0.0619	1.0	0.70	387.0	3.8	384.5	4.6	369.8	23.2	387.0	3.8	NA
C16033B-Spot 29	687	118463	2.6	18.3114	1.1	0.4657	1.8	0.0619	1.4	0.79	387.0	5.4	388.2	5.9	395.3	25.4	387.0	5.4	NA
C16033B-Spot 276	2225	98722	1.7	18.6139	0.9	0.4583	1.6	0.0619	1.4	0.84	387.2	5.1	383.1	5.2	358.5	20.1	387.2	5.1	NA
C16033B-Spot 65	2135	113481	3.6	18.3462	1.0	0.4653	1.9	0.0619	1.6	0.85	387.4	6.1	387.9	6.2	391.1	22.6	387.4	6.1	NA
C16033B-Spot 154	694	205069	2.2	18.1059	1.2	0.4715	1.7	0.0619	1.2	0.71	387.4	4.4	392.2	5.4	420.6	26.3	387.4	4.4	NA
C16033B-Spot 294	406	10090	2.4	18.9759	1.4	0.4501	1.8	0.0620	1.1	0.62	387.6	4.1	377.4	5.5	314.8	31.4	387.6	4.1	NA
C16033B-Spot 11	666	115739	1.7	18.1554	1.1	0.4705	1.8	0.0620	1.5	0.79	387.7	5.5	391.6	6.0	414.5	25.2	387.7	5.5	NA
C16033B-Spot 292	536	12716	2.7	18.4773	1.2	0.4624	1.7	0.0620	1.3	0.75	387.7	4.9	385.9	5.6	375.1	26.1	387.7	4.9	NA
C16033B-Spot 73	826	33024	2.9	18.3935	1.0	0.4648	1.7	0.0620	1.4	0.82	388.0	5.4	387.6	5.6	385.3	22.4	388.0	5.4	NA
C16033B-Spot 159	831	21453	2.4	18.6397	1.0	0.4589	1.3	0.0621	0.9	0.67	388.1	3.3	383.5	4.1	355.4	21.7	388.1	3.3	NA
C16033B-Spot 283	938	242732	2.2	18.6113	1.2	0.4597	1.7	0.0621	1.2	0.70	388.3	4.5	384.1	5.4	358.8	27.2	388.3	4.5	NA
C16033B-Spot 289	4921	135545	1.0	18.8474	0.9	0.4540	1.7	0.0621	1.4	0.84	388.3	5.3	380.0	5.3	330.3	20.7	388.3	5.3	NA
C16033B-Spot 315	213	18330	1.8	18.8294	1.7	0.4549	2.2	0.0621	1.4	0.64	388.7	5.3	380.7	7.0	332.5	38.1	388.7	5.3	NA
C16033B-Spot 134	1009	117835	3.9	17.8780	1.2	0.4791	1.5	0.0622	1.0	0.65	388.7	3.8	397.5	5.0	448.8	25.8	388.7	3.8	NA
C16033B-Spot 21	444	31481	3.3	18.5974	1.3	0.4609	2.0	0.0622	1.5	0.74	389.0	5.6	384.9	6.4	360.5	30.3	389.0	5.6	NA
C16033B-Spot 128	1031	41990	4.2	18.3534	1.2	0.4671	1.8	0.0622	1.4	0.75	389.0	5.2	389.2	5.9	390.2	27.0	389.0	5.2	NA
C16033B-Spot 50	1293	3418117	1.8	18.1111	1.1	0.4735	1.7	0.0622	1.2	0.74	389.1	4.7	393.6	5.5	419.9	25.4	389.1	4.7	NA
C16033B-Spot 204	377	37338	4.3	18.0319	1.8	0.4760	2.3	0.0623	1.5	0.64	389.5	5.5	395.3	7.5	429.7	39.1	389.5	5.5	NA
C16033B-Spot 160	1099	371194	1.8	18.2342	1.3	0.4709	2.0	0.0623	1.5	0.78	389.6	5.8	391.8	6.5	404.8	28.0	389.6	5.8	NA
C16033B-Spot 124	397	25100	1.6	18.3140	1.2	0.4689	2.1	0.0623	1.7	0.81	389.6	6.5	390.4	6.9	395.0	28.0	389.6	6.5	NA
C16033B-Spot 235	999	56933	2.2	18.4479	0.9	0.4656	1.9	0.0623	1.7	0.87	389.7	6.3	388.1	6.2	378.6	21.0	389.7	6.3	NA
C16033B-Spot 49	1460	156037	1.7	18.6410	1.1	0.4609	1.6	0.0623	1.1	0.72	389.8	4.3	384.9	5.1	355.2	25.0	389.8	4.3	NA
C16033B-Spot 254	1478	201176	1.8	18.5907	1.1	0.4625	1.7	0.0624	1.3	0.78	390.1	5.1	386.0	5.5	361.3	24.1	390.1	5.1	NA
C16033B-Spot 194	2445	14456548	2.1	18.3329	1.0	0.4692	1.3	0.0624	0.8	0.65	390.3	3.2	390.6	4.2	392.7	22.1	390.3	3.2	NA
C16033B-Spot 66	1295	103257	3.4	18.4844	1.0	0.4660	1.6	0.0625	1.2	0.75	390.8	4.5	388.4	5.1	374.2	23.2	390.8	4.5	NA
C16033B-Spot 101	1711	617523	1.7	18.3509	1.0	0.4696	1.7	0.0625	1.4	0.82	391.0	5.1	390.9	5.4	390.5	21.5	391.0	5.1	NA
C16033B-Spot 207	1566	1003607	3.7	18.3621	1.0	0.4700	1.4	0.0626	1.1	0.74	391.5	4.1	391.2	4.7	389.1	21.8	391.5	4.1	NA
C16033B-Spot 120	1393	11549930	2.9	18.2291	1.2	0.4735	1.7	0.0626	1.2	0.72	391.6	4.6	393.6	5.5	405.4	26.3	391.6	4.6	NA
C16033B-Spot 12	240	36976	2.6	18.3367	1.7	0.4707	2.2	0.0626	1.3	0.60	391.6	4.9	391.7	7.1	392.2	39.2	391.6	4.9	NA
C16033B-Spot 89	847	69153	2.0	18.2062	1.1	0.4742	1.7	0.0626	1.3	0.76	391.7	4.8	394.1	5.5	408.2	24.6	391.7	4.8	NA
C16033B-Spot 144	800	365064	4.5	18.3849	1.2	0.4696	1.8	0.0626	1.4	0.77	391.7	5.3	390.9	5.9	386.3	26.0	391.7	5.3	NA
C16033B-Spot 110	712	35603	2.9	18.5325	1.0	0.4661	1.5	0.0627	1.2	0.76	391.8	4.4	388.5	4.9	368.3	22.5	391.8	4.4	NA

C16033B-Spot 234	781	1867812	1.3	18.2892	1.2	0.4725	1.6	0.0627	1.1	0.70	392.0	4.4	392.9	5.3	398.0	25.9	392.0	4.4	NA
C16033B-Spot 208	539	23994	3.0	18.5148	0.9	0.4672	1.4	0.0628	1.1	0.76	392.4	4.1	389.3	4.6	370.5	20.9	392.4	4.1	NA
C16033B-Spot 148	753	36465	2.0	18.2642	1.2	0.4738	1.6	0.0628	1.1	0.69	392.6	4.3	393.8	5.3	401.1	26.5	392.6	4.3	NA
C16033B-Spot 151	2748	146491	3.7	18.4038	1.0	0.4706	1.7	0.0628	1.4	0.81	392.8	5.3	391.6	5.6	384.0	23.0	392.8	5.3	NA
C16033B-Spot 232	616	48146	3.1	17.6381	2.1	0.4911	2.4	0.0629	1.2	0.50	393.0	4.6	405.7	8.0	478.7	45.7	393.0	4.6	NA
C16033B-Spot 209	731	31137	2.4	18.6143	0.9	0.4654	1.6	0.0629	1.3	0.83	393.0	5.1	388.0	5.1	358.4	19.9	393.0	5.1	NA
C16033B-Spot 47	455	33161	2.3	18.1611	1.3	0.4771	1.6	0.0629	0.9	0.54	393.0	3.3	396.1	5.2	413.8	30.1	393.0	3.3	NA
C16033B-Spot 118	339	109293	1.5	18.0877	1.3	0.4795	1.6	0.0629	1.1	0.64	393.4	4.0	397.7	5.4	422.8	28.2	393.4	4.0	NA
C16033B-Spot 136	2256	119259	2.8	18.4266	1.0	0.4711	1.4	0.0630	1.0	0.71	393.7	3.8	391.9	4.6	381.2	22.3	393.7	3.8	NA
C16033B-Spot 5	211	13881	1.7	16.2634	1.6	0.5347	2.4	0.0631	1.8	0.75	394.4	6.8	434.9	8.3	655.4	33.3	394.4	6.8	NA
C16033B-Spot 2	240	74216	2.4	18.0320	1.7	0.4828	2.1	0.0632	1.3	0.62	394.8	5.0	400.0	7.0	429.7	37.2	394.8	5.0	NA
C16033B-Spot 100	926	690852	2.4	17.4172	1.2	0.5002	1.6	0.0632	1.0	0.67	395.1	4.0	411.8	5.3	506.5	25.5	395.1	4.0	NA
C16033B-Spot 182	600	35940	1.8	17.1331	1.6	0.5086	2.1	0.0632	1.4	0.66	395.2	5.3	417.5	7.2	542.6	34.2	395.2	5.3	NA
C16033B-Spot 166	969	615977	4.9	18.1236	1.4	0.4809	1.9	0.0632	1.2	0.66	395.3	4.7	398.7	6.1	418.4	31.2	395.3	4.7	NA
C16033B-Spot 307	2144	114033	2.3	18.7640	0.9	0.4655	1.4	0.0634	1.0	0.76	396.1	4.0	388.1	4.4	340.4	19.9	396.1	4.0	NA
C16033B-Spot 303	1588	14596	3.4	15.5675	3.3	0.5621	3.5	0.0635	1.1	0.32	396.8	4.4	452.9	12.9	748.5	70.6	396.8	4.4	NA
C16033B-Spot 150	1354	130051	4.2	18.2441	1.2	0.4797	1.7	0.0635	1.2	0.69	396.9	4.6	397.8	5.7	403.6	27.9	396.9	4.6	NA
C16033B-Spot 1	1131	50637	3.5	18.1218	1.0	0.4838	1.6	0.0636	1.2	0.76	397.6	4.6	400.7	5.2	418.6	22.9	397.6	4.6	NA
C16033B-Spot 269	1446	4405	1.4	11.3105	5.5	0.7765	5.8	0.0637	1.8	0.32	398.2	7.0	583.5	25.6	1390.6	105.1	398.2	7.0	NA
C16033B-Spot 176	776	89194	2.9	18.0144	1.2	0.4877	1.7	0.0637	1.2	0.70	398.4	4.7	403.3	5.8	431.9	27.5	398.4	4.7	NA
C16033B-Spot 99	223	32220	1.9	18.0934	1.6	0.4863	1.9	0.0638	1.1	0.57	399.0	4.2	402.4	6.3	422.1	34.8	399.0	4.2	NA
C16033B-Spot 185	1849	108494	4.3	18.0923	1.0	0.4864	1.5	0.0639	1.2	0.77	399.0	4.5	402.5	5.0	422.3	21.5	399.0	4.5	NA
C16033B-Spot 246	724	75409	3.8	18.1024	1.2	0.4871	1.6	0.0640	1.0	0.66	399.8	4.0	402.9	5.3	421.0	26.6	399.8	4.0	NA
C16033B-Spot 55	1681	199261	2.9	18.1229	1.1	0.4877	1.6	0.0641	1.0	0.67	400.7	4.1	403.4	5.2	418.5	25.6	400.7	4.1	95.8
C16033B-Spot 213	499	99938	2.4	17.8811	1.2	0.4946	1.6	0.0642	1.1	0.67	401.0	4.2	408.1	5.4	448.4	26.4	401.0	4.2	89.4
C16033B-Spot 93	1306	284162	4.7	18.3052	1.1	0.4834	1.6	0.0642	1.2	0.74	401.1	4.6	400.4	5.3	396.1	24.2	401.1	4.6	101.3
C16033B-Spot 305	441	540376	2.6	18.2292	1.2	0.4866	1.7	0.0644	1.2	0.69	402.1	4.5	402.6	5.6	405.4	27.0	402.1	4.5	99.2
C16033B-Spot 267	1629	62605	2.9	18.3779	1.2	0.4842	2.0	0.0646	1.6	0.81	403.3	6.4	400.9	6.7	387.2	26.7	403.3	6.4	104.2
C16033B-Spot 104	937	51009	3.2	18.0413	1.2	0.5025	1.6	0.0658	1.2	0.71	410.6	4.6	413.4	5.6	428.6	25.8	410.6	4.6	95.8
C16033B-Spot 127	1852	58297	4.1	17.7078	1.3	0.5324	1.9	0.0684	1.4	0.74	426.6	5.8	433.4	6.7	470.0	28.6	426.6	5.8	90.7
C16033B-Spot 19	2046	85420	4.7	17.7331	0.9	0.5584	1.7	0.0718	1.5	0.86	447.3	6.3	450.5	6.2	466.9	19.6	447.3	6.3	95.8
C16033B-Spot 237	455	54765	1.8	17.4500	1.1	0.6559	1.5	0.0831	1.0	0.68	514.3	5.0	512.1	6.0	502.4	23.9	514.3	5.0	102.4
C16033B-Spot 200	386	27866	1.7	17.1162	0.9	0.6813	1.5	0.0846	1.2	0.81	523.6	6.2	527.6	6.3	544.8	19.5	523.6	6.2	96.1
C16033B-Spot 190	902	455142	1.9	16.8982	1.0	0.7050	1.5	0.0864	1.2	0.76	534.5	6.1	541.8	6.5	572.7	21.6	534.5	6.1	93.3
C16033B-Spot 249	726	55037	4.2	17.1500	1.0	0.6982	1.6	0.0869	1.2	0.74	537.1	5.9	537.7	6.5	540.5	22.9	537.1	5.9	99.4
C16033B-Spot 39	976	140321	2.0	17.3208	0.8	0.6963	1.5	0.0875	1.3	0.87	540.8	6.9	536.6	6.4	518.7	16.5	540.8	6.9	104.3
C16033B-Spot 189	144	8769	1.7	16.6206	1.5	0.7257	2.1	0.0875	1.5	0.71	540.8	7.8	554.0	9.0	608.6	32.2	540.8	7.8	88.9
C16033B-Spot 137	3308	158593	1.6	17.0390	0.7	0.7116	1.3	0.0880	1.0	0.82	543.5	5.4	545.7	5.3	554.6	16.0	543.5	5.4	98.0
C16033B-Spot 119	901	101001	1.7	17.1323	1.1	0.7117	1.7	0.0885	1.3	0.77	546.5	6.7	545.7	7.0	542.7	23.3	546.5	6.7	100.7
C16033B-Spot 180	669	94590	1.5	17.0032	0.9	0.7252	1.3	0.0895	1.0	0.75	552.4	5.1	553.7	5.5	559.2	18.7	552.4	5.1	98.8
C16033B-Spot 121	1224	54067	2.6	16.9690	0.9	0.7280	1.8	0.0896	1.6	0.87	553.3	8.5	555.4	7.9	563.6	19.7	553.3	8.5	98.2
C16033B-Spot 168	111	61110	1.7	16.8831	2.1	0.7322	2.5	0.0897	1.4	0.55	553.8	7.4	557.9	10.8	574.6	45.8	553.8	7.4	96.4
C16033B-Spot 113	225	26714	2.3	17.1566	1.4	0.7229	1.9	0.0900	1.3	0.69	555.5	6.9	552.4	8.0	539.6	29.5	555.5	6.9	102.9
C16033B-Spot 210	246	105920	1.7	17.0942	1.3	0.7264	1.7	0.0901	1.1	0.63	556.1	5.8	554.5	7.3	547.6	28.9	556.1	5.8	101.6
C16033B-Spot 16	1042	67878	1.5	16.8747	1.3	0.7415	2.0	0.0908	1.5	0.77	560.2	8.1	563.3	8.5	575.7	27.5	560.2	8.1	97.3
C16033B-Spot 183	669	2931184	1.3	16.4911	1.3	0.7592	2.2	0.0908	1.7	0.78	560.5	9.0	573.5	9.4	625.5	28.9	560.5	9.0	89.6
C16033B-Spot 85	1297	102539	1.2	16.8037	1.0	0.7458	1.6	0.0909	1.3	0.79	561.0	6.7	565.8	6.9	584.9	21.0	561.0	6.7	95.9
C16033B-Spot 40	493	760503	2.0	16.7102	1.2	0.7508	1.8	0.0910	1.3	0.75	561.6	7.1	568.7	7.7	597.0	25.5	561.6	7.1	94.1
C16033B-Spot 106	1103	173655	2.8	16.8967	1.0	0.7439	1.5	0.0912	1.1	0.75	562.6	5.9	564.7	6.3	572.9	20.8	562.6	5.9	98.2
C16033B-Spot 6	292	375119	1.8	16.6896	1.6	0.7562	1.9	0.0916	1.0	0.54	564.8	5.5	571.8	8.3	599.6	34.5	564.8	5.5	94.2
C16033B-Spot 279	593	140658	1.6	16.2229	1.3	0.7795	1.7	0.0918	1.1	0.65	565.9	5.9	585.2	7.4	660.7	27.3	565.9	5.9	85.7
C16033B-Spot 290	385	16347	2.1	17.1234	1.0	0.7387	1.5	0.0918	1.1	0.75	566.1	6.2	561.7	6.6	543.8	21.8	566.1	6.2	104.1
C16033B-Spot 25	484	50701	2.4	16.8996	1.2	0.7512	1.8	0.0921	1.4	0.76	568.0	7.5	568.9	7.9	572.5	25.6	568.0	7.5	99.2
C16033B-Spot 230	930	84926	0.7	16.8180	1.2	0.7551	1.7	0.0921	1.2	0.70	568.2	6.4	571.2	7.4	583.0	26.1	568.2	6.4	97.5
C16033B-Spot 268	1742	272766	4.0	17.0034	0.9	0.7503	1.7	0.0926	1.4	0.84	570.7	7.7	568.4	7.3	559.2	19.7	570.7	7.7	102.1

C16033B-Spot 198	1331	295665	3.1	17.0639	0.9	0.7504	1.7	0.0929	1.4	0.84	572.7	7.7	568.5	7.2	551.4	19.7	572.7	7.7	103.9
C16033B-Spot 178	669	165699	6.3	16.7069	0.8	0.7789	1.5	0.0944	1.2	0.84	581.6	6.8	584.9	6.5	597.4	17.4	581.6	6.8	97.4
C16033B-Spot 61	383	109500	4.6	15.7653	1.4	0.8320	1.9	0.0952	1.3	0.67	586.1	7.2	614.7	8.9	721.8	30.7	586.1	7.2	81.2
C16033B-Spot 13	971	101163	17.6	16.6131	1.2	0.7957	1.7	0.0959	1.2	0.73	590.4	7.0	594.4	7.6	609.6	24.9	590.4	7.0	96.9
C16033B-Spot 186	805	161357	2.8	16.5403	1.0	0.7994	1.6	0.0959	1.2	0.78	590.5	7.0	596.5	7.2	619.1	21.6	590.5	7.0	95.4
C16033B-Spot 233	2818	119986	1.1	16.7496	1.1	0.8013	1.8	0.0974	1.4	0.80	599.1	8.2	597.6	8.1	591.9	23.1	599.1	8.2	101.2
C16033B-Spot 109	585	367372	4.5	16.4170	0.9	0.8178	1.5	0.0974	1.3	0.83	599.2	7.3	606.8	7.0	635.2	18.5	599.2	7.3	94.3
C16033B-Spot 140	78	13879	1.8	16.1571	2.4	0.8494	2.9	0.0996	1.5	0.54	611.9	9.0	624.3	13.3	669.5	51.3	611.9	9.0	91.4
C16033B-Spot 174	926	108146	2.3	16.4617	1.2	0.8390	1.7	0.1002	1.2	0.72	615.7	7.3	618.6	7.9	629.4	25.5	615.7	7.3	97.8
C16033B-Spot 20	627	798413	1.7	16.4060	1.0	0.8523	1.9	0.1015	1.6	0.84	622.9	9.5	625.9	8.9	636.7	22.3	622.9	9.5	97.8
C16033B-Spot 94	1341	96069	3.4	16.1226	0.9	0.8674	2.0	0.1015	1.8	0.89	623.0	10.7	634.1	9.6	674.0	20.0	623.0	10.7	92.4
C16033B-Spot 262	665	97189	1.7	16.3248	1.2	0.8686	1.9	0.1029	1.4	0.77	631.3	8.6	634.8	8.8	647.3	25.7	631.3	8.6	97.5
C16033B-Spot 205	696	66890	1.6	16.0091	1.1	0.9222	1.7	0.1071	1.2	0.72	656.0	7.5	663.5	8.1	689.1	24.5	656.0	7.5	95.2
C16033B-Spot 32	283	141201	3.1	14.6199	1.6	1.2363	3.4	0.1311	2.9	0.87	794.4	21.9	817.2	18.8	879.8	33.8	794.4	21.9	90.3
C16033B-Spot 187	221	21863	1.3	13.6053	1.3	1.6780	2.1	0.1656	1.6	0.76	988.1	14.3	1000.2	13.1	1026.9	26.9	1026.9	26.9	96.2
C16033B-Spot 44	667	112793	1.5	10.5954	2.0	3.0203	2.6	0.2322	1.7	0.66	1346.0	21.0	1412.8	20.1	1514.9	37.4	1514.9	37.4	88.9
C16033B-Spot 165	446	319830	3.0	9.1824	0.9	3.8696	1.4	0.2578	1.1	0.78	1478.7	14.3	1607.4	11.1	1780.4	15.6	1780.4	15.6	83.1
C16033B-Spot 131	407	107548	2.6	9.0713	0.9	4.0873	1.5	0.2690	1.2	0.80	1535.9	16.0	1651.8	11.9	1802.5	15.7	1802.5	15.7	85.2
C16033B-Spot 125	364	256286	2.6	8.9102	0.9	4.7000	1.3	0.3039	1.0	0.72	1710.4	14.4	1767.2	11.2	1835.0	16.9	1835.0	16.9	93.2
C16033B-Spot 139	611	132509	1.2	8.8213	0.8	4.5207	1.3	0.2894	1.0	0.80	1638.3	14.9	1734.8	10.7	1853.2	14.0	1853.2	14.0	88.4
C16033B-Spot 145	1076	1202985	4.5	8.7926	0.7	4.9392	1.3	0.3151	1.1	0.85	1765.8	16.8	1809.0	10.8	1859.1	12.3	1859.1	12.3	95.0
C16033B-Spot 280	203	253251	1.7	8.6991	1.1	5.3826	1.7	0.3397	1.3	0.77	1885.5	21.8	1882.1	14.8	1878.4	20.0	1878.4	20.0	100.4
C16033B-Spot 33	107	26033	1.3	8.6833	0.9	5.2046	1.7	0.3279	1.4	0.85	1828.3	22.8	1853.4	14.4	1881.7	16.3	1881.7	16.3	97.2
C16033B-Spot 67	229	51714	1.8	8.6732	1.1	5.3515	1.6	0.3368	1.1	0.72	1871.1	18.5	1877.1	13.6	1883.7	20.0	1883.7	20.0	99.3
C16033B-Spot 59	247	79776	2.0	8.6711	0.9	5.4156	1.8	0.3407	1.5	0.86	1890.2	25.1	1887.3	15.2	1884.2	16.3	1884.2	16.3	100.3
C16033B-Spot 196	24	18667	1.5	8.6532	1.4	5.4629	2.1	0.3430	1.6	0.76	1901.1	26.3	1894.8	18.1	1887.9	24.9	1887.9	24.9	100.7
C16033B-Spot 18	151	98360	1.1	8.6158	1.3	5.4661	1.9	0.3417	1.3	0.72	1894.9	21.9	1895.3	16.0	1895.7	23.5	1895.7	23.5	100.0
C16033B-Spot 34	61	122188	1.4	8.4643	0.8	5.5805	1.4	0.3427	1.2	0.82	1899.8	19.0	1913.1	12.0	1927.5	14.2	1927.5	14.2	98.6
C16033B-Spot 78	254	29443	2.3	8.4363	0.8	4.9001	1.2	0.2999	0.9	0.72	1691.0	13.0	1802.3	10.3	1933.5	15.2	1933.5	15.2	87.5
C16033B-Spot 143	314	548099	1.3	8.3768	1.0	5.6207	1.5	0.3416	1.1	0.74	1894.5	18.5	1919.3	13.2	1946.1	18.6	1946.1	18.6	97.3
C16033B-Spot 115	488	286088	1.9	8.2035	1.0	5.4024	1.6	0.3216	1.2	0.76	1797.4	18.6	1885.2	13.5	1983.4	18.3	1983.4	18.3	90.6
C16033B-Spot 258	140	55538	3.6	8.0082	1.1	6.4946	1.5	0.3774	1.0	0.67	2064.0	18.2	2045.2	13.5	2026.2	20.1	2026.2	20.1	101.9
C16033B-Spot 248	1766	229745	27.8	7.9959	0.8	6.6118	1.6	0.3836	1.4	0.88	2093.1	25.2	2060.9	14.1	2028.9	13.5	2028.9	13.5	103.2
C16033B-Spot 53	258	95976	1.2	7.8999	1.5	6.8580	2.0	0.3931	1.3	0.67	2137.2	24.2	2093.2	17.7	2050.3	26.2	2050.3	26.2	104.2
C16033B-Spot 272	379	6484968	23.8	7.8666	0.9	6.4238	1.5	0.3667	1.2	0.80	2013.7	21.2	2035.5	13.4	2057.7	16.0	2057.7	16.0	97.9
C16033B-Spot 123	462	165375	3.4	7.8605	0.8	6.3786	1.5	0.3638	1.3	0.85	2000.2	22.1	2029.3	13.3	2059.1	14.1	2059.1	14.1	97.1
C16033B-Spot 41	409	118097	7.3	7.7800	1.1	6.6392	1.4	0.3748	0.9	0.65	2051.9	16.0	2064.6	12.3	2077.3	18.7	2077.3	18.7	98.8
C16033B-Spot 23	568	4992222	5.8	7.7365	0.9	6.5373	1.6	0.3670	1.4	0.83	2015.1	23.4	2050.9	14.4	2087.1	16.2	2087.1	16.2	96.5
C16033B-Spot 206	214	95051	1.8	7.1727	0.7	7.0578	1.6	0.3673	1.5	0.91	2016.8	26.0	2118.7	14.7	2219.2	11.8	2219.2	11.8	90.9
C16033B-Spot 87	464	521093	11.3	6.8635	1.3	6.7163	2.2	0.3345	1.8	0.82	1860.0	29.6	2074.8	19.6	2295.3	21.6	2295.3	21.6	81.0
C16033B-Spot 142	685	173384	7.2	6.3783	1.2	9.4419	2.8	0.4370	2.6	0.90	2337.0	50.2	2381.9	26.1	2420.5	20.8	2420.5	20.8	96.6
C16033B-Spot 111	97	87906	1.7	6.0739	1.1	10.4922	1.9	0.4624	1.6	0.81	2450.2	31.6	2479.2	17.8	2503.1	19.0	2503.1	19.0	97.9
C16033B-Spot 218	862	173559	3.5	6.0382	0.9	10.4010	1.5	0.4557	1.1	0.76	2420.5	22.4	2471.1	13.5	2513.0	15.9	2513.0	15.9	96.3
C16033B-Spot 191	580	48664116	1.6	5.6822	0.9	12.0276	1.8	0.4959	1.5	0.85	2596.1	32.5	2606.6	16.7	2614.7	15.4	2614.7	15.4	99.3
C16033B-Spot 15	351	102971	1.6	5.6535	0.9	12.3467	1.8	0.5065	1.6	0.86	2641.6	33.6	2631.1	16.9	2623.1	15.2	2623.1	15.2	100.7
C16033B-Spot 71	802	168417	4.4	5.6453	0.9	12.5543	1.3	0.5142	0.9	0.73	2674.7	20.1	2646.8	11.8	2625.5	14.1	2625.5	14.1	101.9
C16033B-Spot 197	1816	9392147	8.6	5.3292	0.8	12.7369	1.4	0.4925	1.2	0.81	2581.5	24.5	2660.4	13.4	2720.9	13.9	2720.9	13.9	94.9
C16033B-Spot 102	179	70073	1.7	3.8280	1.0	23.8254	1.6	0.6618	1.2	0.77	3274.0	31.4	3261.3	15.5	3253.5	16.0	3253.5	16.0	100.6
C16033B-Spot 156	120	671939	1.8	3.6539	1.1	25.0727	1.9	0.6647	1.6	0.81	3285.5	39.9	3311.1	18.8	3326.6	17.7	3326.6	17.7	98.8
Rejected Analyses																			
~~C16033B-Spot 227~~	~~152~~	~~2851~~	~~1.0~~	~~7.1552~~	~~5.0~~	~~1.8439~~	~~5.3~~	~~0.0957~~	~~1.5~~	~~0.29~~	~~589.3~~	~~8.7~~	~~1061.3~~	~~34.7~~	~~2223.4~~	~~87.3~~	~~2223.4~~	~~87.3~~	~~26.5~~
~~C16033B-Spot 255~~	~~1224~~	~~93469~~	~~2.1~~	~~10.4601~~	~~1.4~~	~~1.4022~~	~~1.7~~	~~0.1064~~	~~1.0~~	~~0.56~~	~~651.9~~	~~6.0~~	~~889.8~~	~~10.3~~	~~1539.1~~	~~27.0~~	~~1539.1~~	~~27.0~~	~~42.4~~
~~C16033B-Spot 253~~	~~249~~	~~6568~~	~~2.9~~	~~11.7238~~	~~3.7~~	~~1.0826~~	~~4.4~~	~~0.0921~~	~~2.4~~	~~0.55~~	~~567.9~~	~~13.1~~	~~744.9~~	~~23.2~~	~~1321.4~~	~~71.5~~	~~1321.4~~	~~71.5~~	~~43.0~~
~~C16033B-Spot 107~~	~~444~~	~~39669~~	~~2.4~~	~~9.8228~~	~~1.6~~	~~1.7443~~	~~2.1~~	~~0.1243~~	~~1.4~~	~~0.68~~	~~755.4~~	~~10.2~~	~~1025.0~~	~~13.6~~	~~1656.4~~	~~28.8~~	~~1656.4~~	~~28.8~~	~~45.6~~

~~C16033B-Spot 90~~	~~623~~	~~38622~~	~~1.9~~	~~15.8633~~	~~2.0~~	~~0.5706~~	~~3.1~~	~~0.0657~~	~~2.4~~	~~0.76~~	~~410.1~~	~~9.4~~	~~458.4~~	~~11.5~~	~~708.6~~	~~43.2~~	~~410.1~~	~~9.4~~	~~57.9~~
~~C16033B-Spot 245~~	~~910~~	~~17965~~	~~1.9~~	~~16.1814~~	~~3.3~~	~~0.5591~~	~~3.6~~	~~0.0656~~	~~1.3~~	~~0.36~~	~~409.9~~	~~5.1~~	~~450.9~~	~~13.0~~	~~666.2~~	~~71.2~~	~~409.9~~	~~5.1~~	~~61.5~~
~~C16033B-Spot 193~~	~~728~~	~~108621~~	~~3.1~~	~~8.6176~~	~~1.0~~	~~4.2378~~	~~1.5~~	~~0.2650~~	~~1.1~~	~~0.75~~	~~1515.3~~	~~15.2~~	~~1681.4~~	~~12.3~~	~~1895.3~~	~~17.9~~	~~1895.3~~	~~17.9~~	~~79.9~~
~~C16033B-Spot 141~~	~~292~~	~~64471~~	~~2.0~~	~~16.6339~~	~~1.2~~	~~0.8967~~	~~2.2~~	~~0.1082~~	~~1.8~~	~~0.82~~	~~662.4~~	~~11.1~~	~~650.0~~	~~10.4~~	~~606.9~~	~~27.0~~	~~662.4~~	~~11.1~~	~~109.2~~
~~C16033B-Spot 112~~	~~378~~	~~23949~~	~~1.6~~	~~18.6137~~	~~1.2~~	~~0.4758~~	~~2.0~~	~~0.0643~~	~~1.5~~	~~0.77~~	~~401.5~~	~~5.9~~	~~395.2~~	~~6.4~~	~~358.5~~	~~28.1~~	~~401.5~~	~~5.9~~	~~112.0~~
N3 (C16034B)																			
C16034B-Spot 117	1755	104755	4.9	18.9693	0.9	0.3783	1.5	0.0521	1.2	0.81	327.2	3.9	325.8	4.2	315.6	20.3	327.2	3.9	NA
C16034B-Spot 230	1414	286809	2.9	19.0014	1.0	0.3778	1.9	0.0521	1.6	0.87	327.3	5.3	325.4	5.3	311.8	21.7	327.3	5.3	NA
C16034B-Spot 298	590	164863	2.4	18.8033	1.0	0.3956	2.2	0.0540	1.9	0.90	338.9	6.4	338.5	6.2	335.6	21.6	338.9	6.4	NA
C16034B-Spot 158	551	332979	2.6	18.7676	0.8	0.4028	1.6	0.0549	1.4	0.87	344.3	4.6	343.7	4.6	339.9	17.2	344.3	4.6	NA
C16034B-Spot 54	2132	3179078	308.6	18.7020	0.8	0.4055	1.7	0.0550	1.5	0.88	345.3	4.9	345.6	4.9	347.8	17.9	345.3	4.9	NA
C16034B-Spot 254	458	649424	1.9	18.5387	1.0	0.4138	1.3	0.0557	0.8	0.65	349.2	2.9	351.6	3.9	367.6	22.3	349.2	2.9	NA
C16034B-Spot 261	193	66126	3.0	18.4506	0.9	0.4174	1.4	0.0559	1.0	0.74	350.5	3.5	354.2	4.1	378.3	20.7	350.5	3.5	NA
C16034B-Spot 293	386	45308	2.3	18.3317	1.0	0.4211	1.4	0.0560	1.1	0.74	351.3	3.6	356.9	4.3	392.8	21.6	351.3	3.6	NA
C16034B-Spot 129	935	160409	1.9	18.5444	0.8	0.4165	1.5	0.0560	1.3	0.85	351.5	4.3	353.6	4.5	366.9	17.9	351.5	4.3	NA
C16034B-Spot 91	523	2704048	1.7	18.2197	0.7	0.4263	1.2	0.0564	1.0	0.79	353.4	3.3	360.5	3.7	406.6	16.8	353.4	3.3	NA
C16034B-Spot 11	448	31914	2.0	18.6357	0.8	0.4170	1.3	0.0564	1.0	0.76	353.6	3.3	353.9	3.8	355.8	18.6	353.6	3.3	NA
C16034B-Spot 307	541	96205	2.5	18.4810	0.8	0.4221	1.3	0.0566	1.0	0.77	354.9	3.5	357.5	4.0	374.6	19.1	354.9	3.5	NA
C16034B-Spot 236	410	109933	2.4	18.5958	2.0	0.4199	3.4	0.0567	2.8	0.81	355.3	9.5	356.0	10.2	360.7	44.6	355.3	9.5	NA
C16034B-Spot 285	1218	124122	4.3	18.5934	0.9	0.4205	1.8	0.0567	1.6	0.87	355.7	5.6	356.4	5.6	360.9	20.2	355.7	5.6	NA
C16034B-Spot 203	272	40467	2.2	18.4434	1.4	0.4258	2.0	0.0570	1.4	0.69	357.2	4.7	360.2	6.0	379.2	32.5	357.2	4.7	NA
C16034B-Spot 73	422	44456	2.5	18.6651	0.9	0.4214	1.5	0.0571	1.2	0.82	357.7	4.3	357.0	4.6	352.3	20.0	357.7	4.3	NA
C16034B-Spot 144	717	74757	1.5	18.6643	0.8	0.4221	1.3	0.0572	1.0	0.79	358.3	3.5	357.5	3.8	352.4	17.4	358.3	3.5	NA
C16034B-Spot 55	241	55744	3.7	18.3609	1.1	0.4310	1.5	0.0574	1.0	0.67	359.9	3.5	363.9	4.5	389.3	24.8	359.9	3.5	NA
C16034B-Spot 18	595	42671	2.2	18.2197	0.9	0.4378	1.3	0.0579	0.9	0.70	362.7	3.2	368.7	4.0	406.6	20.5	362.7	3.2	NA
C16034B-Spot 136	692	487459	1.9	18.3135	0.6	0.4435	1.5	0.0589	1.4	0.90	369.1	4.9	372.7	4.7	395.1	14.5	369.1	4.9	NA
C16034B-Spot 25	319	77813	2.5	18.3623	0.9	0.4430	1.2	0.0590	0.9	0.69	369.7	3.1	372.3	3.8	389.1	20.0	369.7	3.1	NA
C16034B-Spot 181	563	421949	1.5	18.2913	0.9	0.4449	1.4	0.0590	1.1	0.79	369.8	4.1	373.7	4.5	397.8	19.8	369.8	4.1	NA
C16034B-Spot 194	515	88945	1.9	18.4793	0.8	0.4409	1.3	0.0591	1.1	0.81	370.3	3.8	370.9	4.1	374.8	17.5	370.3	3.8	NA
C16034B-Spot 9	1110	1817900	27.2	18.4766	0.8	0.4422	2.3	0.0593	2.1	0.93	371.3	7.6	371.8	7.1	375.1	18.2	371.3	7.6	NA
C16034B-Spot 184	2419	392727	34.5	18.7315	0.7	0.4383	2.1	0.0596	1.9	0.94	373.0	7.0	369.0	6.4	344.3	16.3	373.0	7.0	NA
C16034B-Spot 99	447	57275	2.8	17.0702	1.5	0.4835	1.9	0.0599	1.2	0.60	374.9	4.2	400.5	6.4	550.6	33.8	374.9	4.2	NA
C16034B-Spot 302	301	94587	3.1	17.9701	0.9	0.4595	1.4	0.0599	1.1	0.78	375.1	4.1	383.9	4.6	437.4	19.9	375.1	4.1	NA
C16034B-Spot 81	376	11635765	2.1	17.9507	1.2	0.4651	1.7	0.0606	1.2	0.71	379.1	4.5	387.8	5.5	439.8	26.6	379.1	4.5	NA
C16034B-Spot 247	729	55568	47.2	18.2337	0.9	0.4595	1.4	0.0608	1.1	0.76	380.4	4.1	383.9	4.6	404.9	21.1	380.4	4.1	NA
C16034B-Spot 108	1058	72676	6.6	18.4163	1.0	0.4550	1.8	0.0608	1.4	0.81	380.5	5.3	380.8	5.7	382.5	23.4	380.5	5.3	NA
C16034B-Spot 299	761	105696	2.6	18.1259	1.1	0.4649	1.7	0.0611	1.3	0.76	382.6	4.9	387.7	5.6	418.1	25.6	382.6	4.9	NA
C16034B-Spot 119	287	36063	3.1	18.0782	1.0	0.4671	1.4	0.0613	1.0	0.68	383.3	3.6	389.2	4.6	424.0	23.1	383.3	3.6	NA
C16034B-Spot 16	1161	197341	4.9	18.1786	0.5	0.4734	1.4	0.0624	1.3	0.94	390.5	5.0	393.5	4.6	411.6	11.0	390.5	5.0	NA
C16034B-Spot 199	599	188125	3.3	17.8638	1.0	0.5472	1.5	0.0709	1.1	0.76	441.8	4.9	443.2	5.4	450.5	21.7	441.8	4.9	98.0
C16034B-Spot 264	3559	245094	19.8	18.0051	0.9	0.5572	4.8	0.0728	4.7	0.98	453.0	20.8	449.7	17.6	433.0	19.7	453.0	20.8	104.6
C16034B-Spot 215	300	104719	6.9	17.4431	1.0	0.5757	1.5	0.0729	1.2	0.78	453.4	5.2	461.7	5.7	503.2	21.0	453.4	5.2	90.1
C16034B-Spot 59	927	223737	5.7	17.8022	0.7	0.5654	1.4	0.0730	1.2	0.87	454.4	5.5	455.0	5.2	458.2	15.6	454.4	5.5	99.2
C16034B-Spot 67	406	523767	1.4	17.5758	0.8	0.5747	1.5	0.0733	1.3	0.83	455.9	5.5	461.0	5.6	486.6	18.2	455.9	5.5	93.7
C16034B-Spot 3	361	56596	1.6	17.5094	0.9	0.5793	1.6	0.0736	1.4	0.85	457.8	6.0	464.0	6.0	494.9	19.0	457.8	6.0	92.5
C16034B-Spot 196	1305	118800	6.7	17.7969	0.6	0.5755	1.1	0.0743	1.0	0.85	462.1	4.4	461.6	4.3	458.9	13.3	462.1	4.4	100.7
C16034B-Spot 221	1369	236587	7.6	17.9603	0.8	0.5708	1.4	0.0744	1.2	0.82	462.5	5.2	458.5	5.2	438.6	17.9	462.5	5.2	105.5
C16034B-Spot 102	398	55172	5.4	17.6266	0.9	0.5828	1.3	0.0745	0.9	0.71	463.4	4.1	466.3	4.9	480.2	20.1	463.4	4.1	96.5
C16034B-Spot 280	400	50220	3.1	17.5028	0.8	0.5885	1.3	0.0747	1.0	0.79	464.6	4.6	469.9	4.9	495.8	17.4	464.6	4.6	93.7
C16034B-Spot 123	574	217667	2.8	17.4936	0.8	0.5902	1.1	0.0749	0.7	0.69	465.7	3.3	471.0	4.0	496.9	17.2	465.7	3.3	93.7
C16034B-Spot 112	1101	351581	1.9	17.3684	0.8	0.5983	1.4	0.0754	1.2	0.81	468.6	5.3	476.2	5.5	512.7	18.6	468.6	5.3	91.4
C16034B-Spot 175	293	112771	2.4	17.1594	0.9	0.6065	1.4	0.0755	1.1	0.76	469.3	4.9	481.3	5.5	539.3	20.5	469.3	4.9	87.0
C16034B-Spot 50	521	865688	26.6	17.4029	0.9	0.6006	1.4	0.0758	1.0	0.73	471.3	4.5	477.6	5.2	508.3	20.5	471.3	4.5	92.7
C16034B-Spot 169	584	196158	3.1	17.6006	0.7	0.5955	1.4	0.0761	1.2	0.87	472.5	5.6	474.4	5.4	483.5	15.3	472.5	5.6	97.7

C16034B-Spot 224	389	311704	1.9	17.3679	0.8	0.6041	1.2	0.0761	0.9	0.74	473.0	3.9	479.8	4.4	512.8	17.1	473.0	3.9	92.2
C16034B-Spot 48	1283	749821	2.9	17.8289	0.8	0.5891	1.4	0.0762	1.2	0.83	473.4	5.3	470.3	5.2	454.9	17.1	473.4	5.3	104.1
C16034B-Spot 22	490	199745	22.9	17.5022	0.9	0.6003	1.5	0.0762	1.2	0.79	473.6	5.3	477.4	5.6	495.8	20.1	473.6	5.3	95.5
C16034B-Spot 272	349	54613	9.5	17.6223	0.9	0.5964	1.3	0.0763	0.9	0.72	473.7	4.2	474.9	4.8	480.7	19.3	473.7	4.2	98.6
C16034B-Spot 63	815	381753	11.9	17.5949	1.1	0.5980	1.9	0.0763	1.5	0.80	474.2	6.8	476.0	7.1	484.2	24.5	474.2	6.8	97.9
C16034B-Spot 105	1500	403803	5.3	17.8171	0.9	0.5918	1.6	0.0765	1.4	0.84	475.2	6.2	472.0	6.1	456.4	19.3	475.2	6.2	104.1
C16034B-Spot 167	291	124561	1.7	17.3428	0.7	0.6095	1.2	0.0767	1.0	0.82	476.4	4.5	483.3	4.6	515.9	14.9	476.4	4.5	92.3
C16034B-Spot 162	562	835985	4.9	17.4616	0.9	0.6063	1.7	0.0768	1.5	0.86	477.1	6.7	481.2	6.5	500.9	18.9	477.1	6.7	95.2
C16034B-Spot 138	256	61573	4.8	17.4202	0.9	0.6079	1.5	0.0768	1.2	0.80	477.2	5.5	482.2	5.8	506.1	20.0	477.2	5.5	94.3
C16034B-Spot 176	1340	1738874	2.2	17.6803	0.7	0.5991	1.4	0.0769	1.2	0.87	477.3	5.6	476.7	5.3	473.5	15.5	477.3	5.6	100.8
C16034B-Spot 10	172	28523	3.2	17.1305	0.8	0.6193	1.4	0.0770	1.2	0.84	478.0	5.4	489.4	5.4	542.9	16.5	478.0	5.4	88.0
C16034B-Spot 100	726	85634	7.2	17.4191	1.0	0.6091	1.3	0.0770	0.9	0.69	478.1	4.2	483.0	5.1	506.3	21.4	478.1	4.2	94.4
C16034B-Spot 115	462	429541	3.4	17.5611	0.9	0.6049	1.4	0.0771	1.1	0.78	478.6	5.1	480.3	5.4	488.4	19.6	478.6	5.1	98.0
C16034B-Spot 270	50	14794	2.3	17.5675	2.0	0.6049	2.4	0.0771	1.4	0.57	478.8	6.3	480.3	9.2	487.6	43.9	478.8	6.3	98.2
C16034B-Spot 39	724	210801	2.6	17.5438	0.8	0.6058	1.6	0.0771	1.4	0.87	478.9	6.3	480.9	6.0	490.6	16.9	478.9	6.3	97.6
C16034B-Spot 308	487	53129	27.4	17.7921	0.9	0.5976	1.3	0.0772	1.0	0.73	479.1	4.5	475.7	5.1	459.5	20.4	479.1	4.5	104.3
C16034B-Spot 71	597	119028	8.3	17.7050	0.8	0.6011	1.4	0.0772	1.1	0.79	479.5	4.9	477.9	5.2	470.4	18.5	479.5	4.9	101.9
C16034B-Spot 226	627	162607	3.5	17.8000	0.8	0.5987	1.3	0.0773	1.0	0.76	480.1	4.5	476.4	4.9	458.5	18.8	480.1	4.5	104.7
C16034B-Spot 315	194	19829	2.9	17.2777	1.0	0.6174	1.8	0.0774	1.6	0.85	480.6	7.2	488.2	7.1	524.2	21.2	480.6	7.2	91.7
C16034B-Spot 60	161	74051	3.9	17.2821	1.6	0.6172	1.8	0.0774	0.9	0.52	480.6	4.3	488.1	7.0	523.6	34.1	480.6	4.3	91.8
C16034B-Spot 297	360	381569	12.3	17.4892	0.8	0.6108	1.5	0.0775	1.2	0.82	481.2	5.5	484.0	5.6	497.4	18.5	481.2	5.5	96.7
C16034B-Spot 14	477	40187	4.8	17.5632	0.9	0.6085	1.4	0.0775	1.1	0.76	481.5	5.0	482.6	5.4	488.2	20.2	481.5	5.0	98.6
C16034B-Spot 273	246	673638	3.1	17.1815	1.3	0.6226	1.7	0.0776	1.1	0.65	481.9	5.3	491.5	6.8	536.4	28.9	481.9	5.3	89.8
C16034B-Spot 30	212	275090	1.7	17.2326	0.8	0.6213	1.3	0.0777	1.0	0.76	482.3	4.6	490.6	5.0	529.9	18.3	482.3	4.6	91.0
C16034B-Spot 145	537	110993	1.9	17.5691	0.7	0.6096	1.1	0.0777	0.9	0.79	482.4	4.2	483.3	4.4	487.4	15.7	482.4	4.2	99.0
C16034B-Spot 197	227	44331	3.3	17.5224	1.1	0.6112	1.8	0.0777	1.4	0.77	482.5	6.3	484.3	6.8	493.3	24.5	482.5	6.3	97.8
C16034B-Spot 95	558	90282	3.9	17.6552	0.8	0.6074	1.2	0.0778	0.8	0.70	483.0	3.8	481.9	4.5	476.6	18.4	483.0	3.8	101.4
C16034B-Spot 309	2322	184967	1.7	17.8145	0.9	0.6024	1.6	0.0779	1.3	0.83	483.3	6.2	478.7	6.1	456.7	19.9	483.3	6.2	105.8
C16034B-Spot 121	182	24793	1.4	17.5189	1.2	0.6140	1.8	0.0780	1.3	0.74	484.5	6.0	486.1	6.8	493.7	26.1	484.5	6.0	98.1
C16034B-Spot 70	548	105931	1.9	17.2417	0.9	0.6287	1.3	0.0786	0.9	0.72	488.0	4.2	495.3	4.9	528.8	19.2	488.0	4.2	92.3
C16034B-Spot 77	634	207852	12.7	17.5048	0.8	0.6199	1.4	0.0787	1.1	0.80	488.5	5.4	489.8	5.5	495.5	18.7	488.5	5.4	98.6
C16034B-Spot 131	236	75131	2.6	17.2810	1.3	0.6308	1.6	0.0791	1.0	0.63	490.8	4.9	496.6	6.4	523.8	27.8	490.8	4.9	93.7
C16034B-Spot 96	79	18417	3.2	17.0874	1.4	0.6392	1.8	0.0793	1.0	0.57	491.7	4.7	501.8	6.9	548.5	31.6	491.7	4.7	89.6
C16034B-Spot 23	45	25849	0.5	17.1129	1.6	0.6393	2.1	0.0794	1.3	0.62	492.4	6.2	501.9	8.2	545.2	35.5	492.4	6.2	90.3
C16034B-Spot 151	266	184100	1.4	17.0920	0.8	0.6420	1.6	0.0796	1.4	0.88	493.8	6.9	503.5	6.5	547.9	16.9	493.8	6.9	90.1
C16034B-Spot 42	72	35784	3.4	16.9435	1.9	0.6484	2.3	0.0797	1.3	0.54	494.4	6.0	507.5	9.2	566.9	42.1	494.4	6.0	87.2
C16034B-Spot 222	332	155150	9.3	17.3453	0.9	0.6371	1.5	0.0802	1.2	0.81	497.2	5.8	500.5	5.9	515.6	19.1	497.2	5.8	96.4
C16034B-Spot 246	329	67453	11.3	17.5664	0.9	0.6291	1.4	0.0802	1.0	0.76	497.3	5.0	495.6	5.3	487.7	19.3	497.3	5.0	102.0
C16034B-Spot 139	396	62475	6.7	17.5003	0.8	0.6326	1.4	0.0803	1.2	0.83	498.1	5.7	497.7	5.6	496.1	17.8	498.1	5.7	100.4
C16034B-Spot 137	227	113715	1.9	16.8562	0.8	0.6577	1.6	0.0804	1.3	0.86	498.7	6.4	513.2	6.3	578.1	17.4	498.7	6.4	86.3
C16034B-Spot 172	430	91231	4.3	17.2086	1.0	0.6506	1.4	0.0812	0.9	0.68	503.5	4.5	508.8	5.5	533.0	22.0	503.5	4.5	94.5
C16034B-Spot 122	502	39201	1.9	16.8594	0.9	0.6646	1.4	0.0813	1.1	0.78	503.9	5.3	517.4	5.7	577.7	18.9	503.9	5.3	87.2
C16034B-Spot 182	542	106463	2.7	17.5421	0.9	0.6431	1.5	0.0819	1.2	0.78	507.2	5.7	504.2	6.0	490.8	20.6	507.2	5.7	103.3
C16034B-Spot 97	543	105853	2.3	17.1734	0.9	0.6608	1.3	0.0823	1.0	0.75	510.1	4.7	515.1	5.2	537.5	18.7	510.1	4.7	94.9
C16034B-Spot 27	664	1015283	5.3	17.2233	0.9	0.6635	1.3	0.0829	1.0	0.73	513.5	4.9	516.8	5.5	531.1	20.1	513.5	4.9	96.7
C16034B-Spot 218	682	68389	7.4	17.3529	0.8	0.6713	1.6	0.0845	1.4	0.86	523.0	7.0	521.5	6.6	514.6	18.1	523.0	7.0	101.6
C16034B-Spot 287	290	117437	3.0	17.1834	0.8	0.6780	1.7	0.0845	1.5	0.88	523.2	7.4	525.6	6.8	536.2	17.0	523.2	7.4	97.6
C16034B-Spot 26	167	218849	8.6	16.6332	1.3	0.7051	2.0	0.0851	1.5	0.77	526.4	7.6	541.8	8.2	607.0	27.0	526.4	7.6	86.7
C16034B-Spot 98	283	104783	5.3	16.9165	1.0	0.6940	1.5	0.0852	1.1	0.74	527.0	5.6	535.2	6.2	570.4	22.1	527.0	5.6	92.4
C16034B-Spot 252	199	30796	3.6	16.7343	1.1	0.7063	1.6	0.0858	1.1	0.69	530.4	5.5	542.5	6.5	593.8	24.3	530.4	5.5	89.3
C16034B-Spot 128	447	190133	2.7	16.8345	0.7	0.7089	1.2	0.0866	1.0	0.80	535.4	5.0	544.1	5.1	580.9	16.0	535.4	5.0	92.2
C16034B-Spot 120	256	57760	1.6	16.9454	0.9	0.7075	1.7	0.0870	1.4	0.83	537.7	7.1	543.3	7.0	566.6	20.1	537.7	7.1	94.9
C16034B-Spot 301	285	52260	4.6	17.0674	0.8	0.7031	1.3	0.0871	1.0	0.76	538.2	5.0	540.6	5.3	551.0	17.8	538.2	5.0	97.7
C16034B-Spot 312	111	90250	1.6	16.8167	1.2	0.7146	1.8	0.0872	1.4	0.75	538.9	7.0	547.4	7.7	583.2	26.5	538.9	7.0	92.4
C16034B-Spot 212	177	48123	2.5	16.8601	1.3	0.7131	2.2	0.0872	1.8	0.81	539.2	9.2	546.6	9.3	577.6	27.7	539.2	9.2	93.3

C16034B-Spot 76	68	17110	4.9	16.6718	1.4	0.7230	2.0	0.0875	1.5	0.71	540.5	7.5	552.5	8.7	601.9	31.0	540.5	7.5	89.8
C16034B-Spot 20	983	247412	1.1	17.2512	0.7	0.6994	1.3	0.0875	1.2	0.86	541.0	6.0	538.4	5.6	527.6	14.9	541.0	6.0	102.5
C16034B-Spot 266	2038	104572	0.8	16.9498	0.7	0.7140	1.4	0.0878	1.2	0.85	542.6	6.0	547.1	5.8	566.1	16.0	542.6	6.0	95.9
C16034B-Spot 178	636	483834	5.1	17.1741	0.9	0.7118	1.6	0.0887	1.2	0.79	547.8	6.5	545.8	6.6	537.3	20.7	547.8	6.5	101.9
C16034B-Spot 253	209	1220810	14.9	16.8122	0.8	0.7276	1.2	0.0888	0.9	0.73	548.2	4.7	555.2	5.2	583.8	18.0	548.2	4.7	93.9
C16034B-Spot 256	428	100003	5.6	17.1927	0.8	0.7125	1.4	0.0889	1.1	0.81	548.9	6.0	546.2	5.9	535.0	18.2	548.9	6.0	102.6
C16034B-Spot 220	123	22025	2.5	16.6475	1.0	0.7362	1.5	0.0889	1.0	0.71	549.2	5.5	560.2	6.3	605.1	22.5	549.2	5.5	90.8
C16034B-Spot 216	423	116828	3.5	16.8967	1.1	0.7330	1.9	0.0899	1.5	0.80	554.8	8.0	558.3	8.0	572.9	24.3	554.8	8.0	96.8
C16034B-Spot 38	1794	472299	1.8	17.0100	0.8	0.7309	1.4	0.0902	1.2	0.83	556.8	6.4	557.1	6.2	558.4	17.4	556.8	6.4	99.7
C16034B-Spot 242	1486	203689	7.7	17.1524	0.6	0.7249	1.4	0.0902	1.3	0.89	556.8	6.8	553.6	6.1	540.1	14.1	556.8	6.8	103.1
C16034B-Spot 90	376	92926	0.8	16.8581	0.9	0.7386	1.5	0.0903	1.2	0.79	557.6	6.2	561.6	6.3	577.8	19.3	557.6	6.2	96.5
C16034B-Spot 235	586	676991	1.7	16.8072	0.8	0.7416	1.1	0.0904	0.8	0.70	558.1	4.0	563.3	4.6	584.5	16.6	558.1	4.0	95.5
C16034B-Spot 250	154	135163	4.4	17.1356	1.2	0.7301	1.9	0.0908	1.5	0.78	560.1	8.1	556.6	8.3	542.3	26.3	560.1	8.1	103.3
C16034B-Spot 110	663	416423	1.7	16.7795	1.0	0.7483	1.5	0.0911	1.1	0.72	562.0	5.7	567.2	6.4	588.0	22.2	562.0	5.7	95.6
C16034B-Spot 201	1230	206163	9.5	17.0549	0.9	0.7362	1.8	0.0911	1.5	0.86	562.1	8.1	560.2	7.6	552.6	19.9	562.1	8.1	101.7
C16034B-Spot 65	64	10742	2.3	16.9587	1.3	0.7410	1.6	0.0912	1.0	0.61	562.5	5.4	563.0	7.1	564.9	28.2	562.5	5.4	99.6
C16034B-Spot 154	868	106581	4.3	17.1255	0.9	0.7377	1.5	0.0917	1.3	0.83	565.4	6.8	561.1	6.6	543.6	18.7	565.4	6.8	104.0
C16034B-Spot 192	352	115404	1.4	16.7965	1.0	0.7554	1.9	0.0921	1.6	0.87	567.7	8.9	571.3	8.3	585.8	20.7	567.7	8.9	96.9
C16034B-Spot 229	502	136210	1.0	16.7114	0.8	0.7600	1.2	0.0922	0.9	0.72	568.3	4.8	574.0	5.3	596.8	18.2	568.3	4.8	95.2
C16034B-Spot 109	944	248266	2.3	16.8435	0.9	0.7541	1.5	0.0922	1.3	0.83	568.3	7.0	570.6	6.7	579.7	18.6	568.3	7.0	98.0
C16034B-Spot 62	227	84025	1.6	16.6645	0.9	0.7623	1.5	0.0922	1.2	0.82	568.4	6.8	575.3	6.7	602.9	18.7	568.4	6.8	94.3
C16034B-Spot 188	273	108331	1.0	16.9635	0.8	0.7490	1.6	0.0922	1.4	0.86	568.4	7.4	567.6	6.9	564.3	17.9	568.4	7.4	100.7
C16034B-Spot 168	2452	637091	7.5	16.9970	0.7	0.7495	1.5	0.0924	1.2	0.86	569.9	6.8	567.9	6.3	560.0	16.2	569.9	6.8	101.8
C16034B-Spot 311	110	35603	1.8	16.4584	1.1	0.7777	1.4	0.0929	0.9	0.62	572.5	4.7	584.2	6.1	629.8	23.1	572.5	4.7	90.9
C16034B-Spot 281	428	152480	5.5	16.6360	0.9	0.7711	1.7	0.0931	1.4	0.82	573.7	7.5	580.4	7.4	606.6	20.4	573.7	7.5	94.6
C16034B-Spot 239	89	21864	2.2	16.2678	1.3	0.7887	1.7	0.0931	1.2	0.69	573.8	6.6	590.4	7.8	654.8	27.0	573.8	6.6	87.6
C16034B-Spot 219	581	129248	0.9	16.7936	0.8	0.7643	1.4	0.0931	1.1	0.82	574.1	6.1	576.5	6.0	586.2	16.9	574.1	6.1	97.9
C16034B-Spot 53	188	68372	2.0	16.3098	0.8	0.7906	1.5	0.0936	1.3	0.85	576.6	7.0	591.5	6.7	649.3	16.7	576.6	7.0	88.8
C16034B-Spot 284	180	24286	2.2	15.9097	1.3	0.8126	1.7	0.0938	1.1	0.66	578.0	6.2	603.9	7.7	702.4	26.9	578.0	6.2	82.3
C16034B-Spot 61	583	566400	4.5	16.9543	0.7	0.7627	1.3	0.0938	1.1	0.85	578.1	6.3	575.6	5.9	565.5	15.2	578.1	6.3	102.2
C16034B-Spot 209	192	46972	2.9	16.7218	0.8	0.7736	1.7	0.0939	1.5	0.89	578.3	8.1	581.8	7.3	595.5	16.5	578.3	8.1	97.1
C16034B-Spot 46	973	127525	3.2	17.0193	0.8	0.7607	1.2	0.0939	1.0	0.77	578.8	5.3	574.4	5.4	557.1	17.2	578.8	5.3	103.9
C16034B-Spot 207	244	146039	2.0	16.5323	1.0	0.7836	1.4	0.0940	0.9	0.69	579.1	5.1	587.5	6.0	620.1	21.3	579.1	5.1	93.4
C16034B-Spot 240	51	17807	1.2	16.3716	1.8	0.7925	2.2	0.0941	1.2	0.55	580.0	6.7	592.6	9.9	641.2	39.4	580.0	6.7	90.5
C16034B-Spot 148	228	402412	1.4	16.3356	0.8	0.7942	1.2	0.0941	0.9	0.78	580.0	5.3	593.6	5.4	645.9	16.1	580.0	5.3	89.8
C16034B-Spot 126	542	1317367	1.4	16.5500	0.9	0.7846	1.3	0.0942	1.0	0.74	580.4	5.4	588.1	5.9	617.8	19.2	580.4	5.4	94.0
C16034B-Spot 290	181	36182	1.2	16.7083	1.2	0.7781	1.7	0.0943	1.1	0.67	581.1	6.2	584.4	7.4	597.2	26.8	581.1	6.2	97.3
C16034B-Spot 180	492	189698	2.5	16.7078	0.8	0.7804	1.4	0.0946	1.1	0.80	582.7	6.1	585.7	6.1	597.3	17.6	582.7	6.1	97.6
C16034B-Spot 17	360	161379	0.5	16.5059	0.8	0.7907	1.3	0.0947	1.0	0.77	583.3	5.7	591.6	5.9	623.5	18.1	583.3	5.7	93.5
C16034B-Spot 56	88	61733	1.0	16.1600	1.3	0.8081	1.9	0.0948	1.4	0.72	583.6	7.7	601.4	8.7	669.1	28.2	583.6	7.7	87.2
C16034B-Spot 31	314	63039	5.8	16.8268	0.8	0.7781	1.4	0.0950	1.2	0.85	585.1	6.9	584.4	6.4	581.9	16.6	585.1	6.9	100.5
C16034B-Spot 275	249	77706	1.3	16.7433	0.9	0.7826	1.3	0.0951	0.9	0.71	585.5	5.0	587.0	5.7	592.7	19.3	585.5	5.0	98.8
C16034B-Spot 208	830	651418	10.9	16.8867	0.8	0.7764	1.7	0.0951	1.5	0.88	585.8	8.4	583.4	7.6	574.2	17.8	585.8	8.4	102.0
C16034B-Spot 8	644	245115	5.8	16.8266	0.9	0.7824	1.4	0.0955	1.1	0.78	588.1	6.0	586.9	6.1	581.9	18.7	588.1	6.0	101.1
C16034B-Spot 2	822	226158	3.5	16.8012	0.8	0.7877	1.4	0.0960	1.1	0.81	591.1	6.4	589.9	6.2	585.2	17.9	591.1	6.4	101.0
C16034B-Spot 118	577	179903	0.8	16.4080	0.7	0.8075	1.4	0.0961	1.2	0.84	591.7	6.5	601.1	6.2	636.4	16.0	591.7	6.5	93.0
C16034B-Spot 24	240	309471	1.7	16.3429	0.8	0.8114	1.3	0.0962	1.0	0.77	592.2	5.9	603.2	6.1	645.0	18.2	592.2	5.9	91.8
C16034B-Spot 19	642	69135	7.9	16.9190	1.0	0.7881	1.3	0.0967	0.9	0.70	595.3	5.4	590.1	6.0	570.0	21.0	595.3	5.4	104.4
C16034B-Spot 72	416	98671	1.7	16.9001	0.7	0.7895	1.2	0.0968	1.0	0.80	595.7	5.6	590.9	5.5	572.5	16.1	595.7	5.6	104.1
C16034B-Spot 190	120	27477	1.2	15.6968	1.3	0.8509	1.6	0.0969	1.0	0.62	596.3	5.7	625.2	7.6	731.0	27.1	596.3	5.7	81.6
C16034B-Spot 21	209	202994	2.3	16.5049	1.0	0.8097	1.5	0.0970	1.1	0.76	596.6	6.4	602.3	6.7	623.7	20.6	596.6	6.4	95.7
C16034B-Spot 85	154	27547	1.9	16.7607	1.1	0.7978	1.6	0.0970	1.2	0.74	596.9	6.9	595.6	7.4	590.4	24.0	596.9	6.9	101.1
C16034B-Spot 255	108	51474	1.6	16.2342	0.9	0.8249	1.6	0.0972	1.3	0.81	597.8	7.5	610.8	7.4	659.3	20.1	597.8	7.5	90.7
C16034B-Spot 179	216	63256	1.3	16.3748	0.9	0.8206	1.7	0.0975	1.4	0.83	599.7	7.9	608.4	7.6	640.8	19.7	599.7	7.9	93.6
C16034B-Spot 43	134	70639	0.6	16.3597	1.0	0.8225	1.4	0.0976	1.0	0.71	600.5	5.9	609.5	6.6	642.8	22.1	600.5	5.9	93.4

C16034B-Spot 75	1766	582215	3.7	16.9585	0.7	0.7951	1.5	0.0978	1.3	0.89	601.7	7.4	594.1	6.6	564.9	14.8	601.7	7.4	106.5
C16034B-Spot 47	283	77872	2.9	16.7911	0.7	0.8032	1.3	0.0979	1.1	0.83	601.9	6.3	598.7	6.0	586.5	16.2	601.9	6.3	102.6
C16034B-Spot 291	496	177421	1.8	16.3318	0.8	0.8260	1.2	0.0979	0.9	0.73	602.0	5.0	611.4	5.5	646.4	17.7	602.0	5.0	93.1
C16034B-Spot 49	109	26428	1.5	15.9341	1.1	0.8537	1.8	0.0987	1.4	0.79	606.8	8.0	626.7	8.2	699.1	23.2	606.8	8.0	86.8
C16034B-Spot 262	888	518839	3.0	16.7622	0.8	0.8121	1.8	0.0988	1.6	0.89	607.2	9.4	603.6	8.3	590.3	18.0	607.2	9.4	102.9
C16034B-Spot 82	245	75705	3.4	16.2846	0.8	0.8368	1.3	0.0989	1.1	0.82	607.8	6.2	617.4	6.1	652.6	16.2	607.8	6.2	93.1
C16034B-Spot 36	287	76570	2.9	16.3164	0.9	0.8377	1.4	0.0992	1.1	0.78	609.5	6.4	617.9	6.6	648.4	19.0	609.5	6.4	94.0
C16034B-Spot 303	106	38805	1.5	16.3138	1.2	0.8390	1.9	0.0993	1.5	0.77	610.4	8.5	618.6	8.7	648.8	25.6	610.4	8.5	94.1
C16034B-Spot 200	107	22382	1.5	16.2442	1.1	0.8440	1.8	0.0995	1.4	0.81	611.3	8.4	621.3	8.3	658.0	22.5	611.3	8.4	92.9
C16034B-Spot 111	1672	230441	1.8	16.5322	0.6	0.8326	1.2	0.0999	1.1	0.85	613.7	6.2	615.0	5.8	620.1	14.0	613.7	6.2	99.0
C16034B-Spot 104	687	981197	1.7	16.4518	0.8	0.8367	1.4	0.0999	1.1	0.80	613.7	6.5	617.3	6.4	630.7	18.0	613.7	6.5	97.3
C16034B-Spot 80	106	27745	2.0	15.8896	1.3	0.8685	1.9	0.1001	1.4	0.73	615.2	8.0	634.8	8.8	705.1	26.8	615.2	8.0	87.3
C16034B-Spot 127	615	335992	17.8	16.0743	0.7	0.8596	1.3	0.1003	1.1	0.83	615.9	6.4	629.9	6.1	680.4	15.4	615.9	6.4	90.5
C16034B-Spot 1	177	37298	1.4	16.0379	0.7	0.8626	1.1	0.1004	0.9	0.76	616.7	5.1	631.6	5.4	685.3	15.8	616.7	5.1	90.0
C16034B-Spot 233	67	43283	1.4	16.2637	1.4	0.8509	1.8	0.1004	1.2	0.67	616.8	7.3	625.2	8.6	655.4	29.4	616.8	7.3	94.1
C16034B-Spot 89	139	23130	1.8	16.2820	1.1	0.8504	1.6	0.1005	1.2	0.73	617.2	6.8	624.9	7.4	652.9	23.4	617.2	6.8	94.5
C16034B-Spot 198	735	89715	3.1	16.6752	0.7	0.8324	1.3	0.1007	1.1	0.83	618.6	6.3	614.9	5.9	601.5	15.5	618.6	6.3	102.8
C16034B-Spot 44	990	328711	3.1	16.2963	0.8	0.8538	1.5	0.1010	1.3	0.87	620.0	7.8	626.8	7.1	651.1	16.1	620.0	7.8	95.2
C16034B-Spot 231	261	90693	33.4	16.1251	1.1	0.8635	2.4	0.1010	2.2	0.89	620.5	12.7	632.0	11.4	673.7	24.2	620.5	12.7	92.1
C16034B-Spot 6	387	48774	1.5	16.3373	0.9	0.8530	1.5	0.1011	1.3	0.82	621.0	7.5	626.3	7.2	645.7	18.7	621.0	7.5	96.2
C16034B-Spot 134	639	142292	1.5	16.5671	0.9	0.8418	1.4	0.1012	1.0	0.75	621.4	6.2	620.2	6.4	615.6	19.7	621.4	6.2	101.0
C16034B-Spot 277	309	171889	2.7	16.2080	0.9	0.8630	2.4	0.1015	2.2	0.93	623.2	13.0	631.8	11.1	662.7	18.5	623.2	13.0	94.0
C16034B-Spot 159	334	107224	1.0	16.4212	0.8	0.8527	1.6	0.1016	1.4	0.86	623.8	8.2	626.1	7.5	634.7	17.6	623.8	8.2	98.3
C16034B-Spot 263	28	52537	0.9	15.6751	1.9	0.8933	2.1	0.1016	1.0	0.48	623.8	5.9	648.2	10.1	734.0	39.2	623.8	5.9	85.0
C16034B-Spot 259	867	218255	2.0	16.6296	0.7	0.8427	1.5	0.1017	1.3	0.87	624.3	7.7	620.7	6.9	607.4	16.0	624.3	7.7	102.8
C16034B-Spot 163	206	237287	2.6	15.9516	0.6	0.8797	1.2	0.1018	1.0	0.87	625.1	6.1	640.8	5.6	696.8	12.6	625.1	6.1	89.7
C16034B-Spot 288	254	118209	1.9	16.3681	0.8	0.8590	1.5	0.1020	1.2	0.83	626.3	7.3	629.6	6.9	641.6	17.6	626.3	7.3	97.6
C16034B-Spot 305	307	123094	2.1	16.2658	0.8	0.8646	1.3	0.1020	1.0	0.78	626.4	6.0	632.6	6.0	655.1	17.0	626.4	6.0	95.6
C16034B-Spot 147	398	280283	1.8	16.3279	0.9	0.8643	1.4	0.1024	1.1	0.77	628.5	6.6	632.5	6.7	646.9	19.2	628.5	6.6	97.1
C16034B-Spot 294	60	130112	1.2	16.0912	1.5	0.8775	2.0	0.1024	1.3	0.67	628.7	7.9	639.6	9.4	678.2	31.3	628.7	7.9	92.7
C16034B-Spot 217	376	92275	2.2	16.3548	0.8	0.8648	1.4	0.1026	1.1	0.81	629.8	6.9	632.8	6.6	643.4	17.6	629.8	6.9	97.9
C16034B-Spot 149	194	104035	1.3	16.2381	0.8	0.8728	1.3	0.1028	1.0	0.78	631.0	6.1	637.1	6.1	658.7	17.3	631.0	6.1	95.8
C16034B-Spot 130	239	127728	1.6	16.0854	0.9	0.8813	1.5	0.1029	1.2	0.79	631.2	7.1	641.7	7.2	679.0	19.7	631.2	7.1	93.0
C16034B-Spot 5	103	15831	1.4	16.4471	1.1	0.8637	1.4	0.1031	1.0	0.68	632.4	5.9	632.1	6.8	631.3	22.7	632.4	5.9	100.2
C16034B-Spot 177	135	97091	1.8	16.1481	1.2	0.8803	1.7	0.1031	1.1	0.69	632.8	6.9	641.2	7.9	670.6	25.6	632.8	6.9	94.4
C16034B-Spot 306	976	66102	3.5	16.1054	1.0	0.8843	1.5	0.1033	1.1	0.73	634.0	6.7	643.3	7.2	676.3	22.1	634.0	6.7	93.7
C16034B-Spot 244	122	25056	0.8	16.2642	1.1	0.8759	1.7	0.1034	1.3	0.75	634.1	7.7	638.8	8.0	655.3	23.9	634.1	7.7	96.8
C16034B-Spot 278	79	33908	0.8	16.1376	1.2	0.8828	1.7	0.1034	1.2	0.69	634.1	7.1	642.5	8.1	672.0	26.6	634.1	7.1	94.4
C16034B-Spot 202	135	21437	1.4	16.3908	1.3	0.8742	1.8	0.1040	1.2	0.67	637.6	7.2	637.9	8.3	638.7	27.8	637.6	7.2	99.8
C16034B-Spot 164	79	21402	1.8	16.4108	1.4	0.8747	1.9	0.1042	1.3	0.66	638.7	7.7	638.1	9.0	636.0	30.8	638.7	7.7	100.4
C16034B-Spot 228	464	337312	2.2	16.2424	0.9	0.8850	1.4	0.1043	1.1	0.79	639.6	7.0	643.7	6.9	658.2	19.0	639.6	7.0	97.2
C16034B-Spot 84	294	95969	3.5	16.1650	0.8	0.9013	1.6	0.1057	1.4	0.87	647.8	8.7	652.4	7.8	668.4	17.1	647.8	8.7	96.9
C16034B-Spot 132	56	13896	1.6	16.1923	1.6	0.8998	2.0	0.1057	1.3	0.62	647.8	7.7	651.6	9.8	664.8	34.4	647.8	7.7	97.4
C16034B-Spot 152	170	39398	1.5	16.4271	0.9	0.8913	1.2	0.1062	0.8	0.68	650.9	5.1	647.1	5.9	633.9	19.4	650.9	5.1	102.7
C16034B-Spot 265	54	28527	2.2	15.6228	1.1	0.9446	1.7	0.1071	1.3	0.79	655.8	8.4	675.3	8.4	741.0	22.4	655.8	8.4	88.5
C16034B-Spot 28	491	356835	1.9	16.2440	0.8	0.9189	1.5	0.1083	1.3	0.83	662.9	8.0	661.8	7.4	658.0	18.1	662.9	8.0	100.7
C16034B-Spot 141	973	378210	2.4	16.1419	0.9	0.9412	1.8	0.1102	1.6	0.88	674.1	10.3	673.5	9.0	671.5	18.5	674.1	10.3	100.4
C16034B-Spot 124	252	39161	1.4	16.2924	1.0	0.9373	1.8	0.1108	1.4	0.82	677.4	9.2	671.5	8.6	651.6	21.7	677.4	9.2	104.0
C16034B-Spot 257	43	39146	1.1	15.7840	1.5	0.9712	2.0	0.1112	1.3	0.65	679.9	8.2	689.1	9.8	719.2	31.3	679.9	8.2	94.5
C16034B-Spot 29	35	325799	0.6	15.9857	1.7	0.9596	1.9	0.1113	1.0	0.51	680.3	6.4	683.1	9.7	692.2	35.7	680.3	6.4	98.3
C16034B-Spot 187	215	191078	1.4	15.9930	0.9	0.9615	1.5	0.1116	1.2	0.79	681.9	7.9	684.1	7.7	691.3	20.2	681.9	7.9	98.6
C16034B-Spot 243	517	118852	2.9	16.2611	0.8	0.9482	1.4	0.1119	1.1	0.80	683.6	7.1	677.2	6.8	655.7	17.8	683.6	7.1	104.3
C16034B-Spot 310	93	19706	3.3	15.8251	1.0	0.9927	1.4	0.1140	1.0	0.70	695.9	6.5	700.1	7.1	713.7	21.6	695.9	6.5	97.5
C16034B-Spot 52	835	176858	6.5	15.8155	0.8	0.9938	1.7	0.1140	1.5	0.88	696.2	9.7	700.7	8.4	715.0	16.5	696.2	9.7	97.4
C16034B-Spot 268	52	16290	1.8	15.4527	1.3	1.0366	1.9	0.1162	1.4	0.73	708.8	9.1	722.2	9.6	764.1	26.7	708.8	9.1	92.8

C16034B-Spot 237	493	102577	2.5	16.0578	0.7	0.9993	1.3	0.1164	1.2	0.87	710.0	7.8	703.5	6.7	682.7	14.0	710.0	7.8	104.0
C16034B-Spot 271	645	1566834	25.4	15.8398	0.8	1.0246	2.1	0.1178	1.9	0.92	717.6	13.0	716.2	10.7	711.8	17.0	717.6	13.0	100.8
C16034B-Spot 214	459	229683	23.2	15.9770	0.9	1.0216	1.6	0.1184	1.4	0.84	721.5	9.3	714.7	8.3	693.4	19.0	721.5	9.3	104.1
C16034B-Spot 210	1321	1744410	5.4	15.9370	0.8	1.0279	2.2	0.1189	2.1	0.94	724.0	14.4	717.9	11.5	698.7	16.2	724.0	14.4	103.6
C16034B-Spot 93	246	275973	2.7	15.8757	1.6	1.0397	2.0	0.1198	1.2	0.58	729.2	8.1	723.8	10.5	706.9	34.9	729.2	8.1	103.2
C16034B-Spot 37	364	58299	3.4	15.4766	0.8	1.1330	1.3	0.1272	1.1	0.82	772.1	8.0	769.2	7.2	760.8	16.1	772.1	8.0	101.5
C16034B-Spot 227	201	210408	3.7	15.1188	0.9	1.1814	1.5	0.1296	1.1	0.77	785.6	8.4	791.9	8.1	810.0	19.4	785.6	8.4	97.0
C16034B-Spot 15	525	1117243	14.5	15.1441	0.7	1.2030	1.0	0.1322	0.8	0.78	800.4	6.2	802.0	5.8	806.5	13.6	800.4	6.2	99.2
C16034B-Spot 251	966	2999247	21.5	14.3131	1.8	1.2899	2.8	0.1340	2.1	0.77	810.4	16.4	841.3	16.0	923.5	36.8	810.4	16.4	87.8
C16034B-Spot 213	155	48652	4.2	15.1121	0.9	1.2246	1.7	0.1343	1.4	0.85	812.2	10.9	811.9	9.4	810.9	18.4	812.2	10.9	100.2
C16034B-Spot 155	505	263272	2.0	14.7690	1.0	1.2923	1.6	0.1385	1.2	0.77	836.1	9.5	842.3	9.0	858.7	20.7	836.1	9.5	97.4
C16034B-Spot 150	1157	561159	25.6	15.0252	0.8	1.2877	1.3	0.1404	1.1	0.83	846.9	8.8	840.3	7.7	823.0	15.7	846.9	8.8	102.9
C16034B-Spot 40	133	261036	1.1	14.2493	1.1	1.3673	1.6	0.1414	1.3	0.77	852.4	10.1	875.0	9.6	932.7	21.5	852.4	10.1	91.4
C16034B-Spot 204	543	716420	1.9	14.8837	0.8	1.3108	1.3	0.1416	1.1	0.80	853.5	8.4	850.5	7.6	842.7	16.3	853.5	8.4	101.3
C16034B-Spot 232	461	292247	1.5	14.1684	0.7	1.5419	1.2	0.1585	1.0	0.82	948.5	8.4	947.3	7.2	944.4	13.8	944.4	13.8	100.4
C16034B-Spot 12	420	139830	1.3	14.0881	0.8	1.6232	1.3	0.1659	1.0	0.80	989.6	9.5	979.2	8.2	956.0	16.1	956.0	16.1	103.5
C16034B-Spot 238	96	169904	1.8	13.9155	1.1	1.6011	1.7	0.1617	1.3	0.78	966.0	11.6	970.6	10.4	981.2	21.4	981.2	21.4	98.5
C16034B-Spot 64	201	49493	2.1	13.8828	0.8	1.6437	1.3	0.1656	1.0	0.80	987.6	9.5	987.1	8.2	985.9	15.9	985.9	15.9	100.2
C16034B-Spot 58	25	14392	1.4	13.8111	1.7	1.6398	2.1	0.1643	1.1	0.54	980.7	10.3	985.6	13.1	996.5	35.5	996.5	35.5	98.4
C16034B-Spot 142	115	1294295	1.5	13.7473	1.0	1.6188	1.5	0.1615	1.1	0.75	964.9	9.8	977.5	9.2	1005.9	19.6	1005.9	19.6	95.9
C16034B-Spot 211	173	283960	1.8	13.6668	0.8	1.6809	1.3	0.1667	1.0	0.77	993.8	9.2	1001.3	8.2	1017.8	16.6	1017.8	16.6	97.6
C16034B-Spot 191	43	28114	1.4	13.6444	1.1	1.6470	1.6	0.1631	1.2	0.73	973.7	10.6	988.4	10.2	1021.1	22.4	1021.1	22.4	95.4
C16034B-Spot 78	38	13914	0.8	13.1705	1.1	1.8794	1.6	0.1796	1.1	0.69	1064.8	10.5	1073.8	10.3	1092.3	22.8	1092.3	22.8	97.5
C16034B-Spot 66	115	65931	3.6	11.1758	0.7	2.8453	1.5	0.2307	1.3	0.88	1338.3	15.5	1367.6	11.0	1413.6	13.5	1413.6	13.5	94.7
C16034B-Spot 107	180	67290	1.6	9.5855	0.7	3.7873	2.0	0.2634	1.9	0.93	1507.3	24.9	1590.1	16.0	1701.6	13.3	1701.6	13.3	88.6
C16034B-Spot 143	34	48523	1.6	9.4349	1.1	4.2882	1.5	0.2936	1.0	0.70	1659.3	15.3	1691.1	12.3	1730.7	19.6	1730.7	19.6	95.9
C16034B-Spot 103	116	95155	1.3	9.3393	0.7	4.6115	1.4	0.3125	1.3	0.87	1753.0	19.3	1751.4	12.0	1749.4	12.8	1749.4	12.8	100.2
C16034B-Spot 140	199	205336	2.3	8.9589	0.7	4.5654	1.2	0.2968	1.0	0.82	1675.3	14.7	1743.0	10.0	1825.2	12.3	1825.2	12.3	91.8
C16034B-Spot 165	536	638683	1.7	8.8657	1.4	5.4354	2.7	0.3496	2.3	0.85	1932.9	37.6	1890.4	22.8	1844.1	25.7	1844.1	25.7	104.8
C16034B-Spot 92	119	119809	2.1	8.8556	0.8	4.5320	1.7	0.2912	1.5	0.88	1647.5	21.6	1736.9	14.0	1846.2	14.3	1846.2	14.3	89.2
C16034B-Spot 314	188	106610	1.4	8.8125	0.9	5.1345	1.5	0.3283	1.2	0.79	1830.2	18.6	1841.8	12.6	1855.0	16.4	1855.0	16.4	98.7
C16034B-Spot 7	288	111261	2.5	8.7480	0.7	5.4842	1.7	0.3481	1.5	0.91	1925.5	25.6	1898.1	14.6	1868.3	12.9	1868.3	12.9	103.1
C16034B-Spot 276	178	327972	0.8	8.7070	0.8	5.1549	1.4	0.3257	1.1	0.82	1817.3	18.0	1845.2	11.8	1876.7	14.5	1876.7	14.5	96.8
C16034B-Spot 223	94	180981	2.0	8.6082	0.9	5.5826	2.0	0.3487	1.8	0.90	1928.3	30.2	1913.4	17.3	1897.3	15.8	1897.3	15.8	101.6
C16034B-Spot 146	855	310456	3.5	8.6030	0.6	4.9484	1.4	0.3089	1.3	0.89	1735.2	19.6	1810.5	12.2	1898.4	11.6	1898.4	11.6	91.4
C16034B-Spot 248	162	2744947	2.2	8.5995	0.7	5.4406	1.2	0.3395	1.0	0.80	1884.1	15.7	1891.3	10.4	1899.1	13.2	1899.1	13.2	99.2
C16034B-Spot 45	544	194086	1.6	8.5228	0.9	5.4092	1.6	0.3345	1.3	0.83	1860.2	21.4	1886.3	13.7	1915.2	16.1	1915.2	16.1	97.1
C16034B-Spot 13	303	174522	5.3	8.4777	0.6	5.4166	1.0	0.3332	0.8	0.77	1853.8	12.2	1887.5	8.4	1924.7	11.3	1924.7	11.3	96.3
C16034B-Spot 106	1254	375108	20.1	8.4636	0.7	5.8112	1.5	0.3569	1.3	0.88	1967.3	22.5	1948.1	13.1	1927.7	12.9	1927.7	12.9	102.1
C16034B-Spot 51	1411	2263584	3.8	8.3971	0.7	5.9954	1.2	0.3653	1.0	0.82	2007.2	17.4	1975.2	10.7	1941.8	12.6	1941.8	12.6	103.4
C16034B-Spot 160	157	179025	1.6	8.3956	0.8	5.9823	1.4	0.3644	1.1	0.83	2003.1	19.2	1973.3	11.8	1942.1	13.7	1942.1	13.7	103.1
C16034B-Spot 171	321	160551	0.8	8.3827	0.6	4.9361	1.3	0.3002	1.1	0.89	1692.5	17.0	1808.5	10.8	1944.9	10.4	1944.9	10.4	87.0
C16034B-Spot 157	631	36749852	38.3	8.3739	0.8	4.8271	1.6	0.2933	1.3	0.86	1658.0	19.5	1789.6	13.1	1946.7	14.2	1946.7	14.2	85.2
C16034B-Spot 68	989	384468	4.3	8.2799	0.6	5.7798	1.5	0.3472	1.3	0.91	1921.4	22.1	1943.4	12.6	1966.9	10.5	1966.9	10.5	97.7
C16034B-Spot 296	333	755320	2.3	8.2226	0.7	6.1774	1.4	0.3686	1.2	0.85	2022.6	20.3	2001.3	12.0	1979.3	12.7	1979.3	12.7	102.2
C16034B-Spot 289	223	1301014	1.5	8.2155	0.8	6.0220	1.2	0.3590	0.9	0.78	1977.3	16.2	1979.0	10.6	1980.8	13.7	1980.8	13.7	99.8
C16034B-Spot 292	124	104318	3.0	8.1404	0.8	6.4358	1.2	0.3801	0.9	0.74	2076.9	15.8	2037.2	10.6	1997.2	14.3	1997.2	14.3	104.0
C16034B-Spot 69	138	238171	2.1	8.1373	0.9	5.9950	1.6	0.3540	1.3	0.83	1953.5	22.1	1975.1	13.8	1997.8	15.7	1997.8	15.7	97.8
C16034B-Spot 35	190	698742	1.0	8.1262	0.7	5.9662	1.9	0.3518	1.7	0.93	1943.1	29.0	1970.9	16.2	2000.2	12.0	2000.2	12.0	97.1
C16034B-Spot 32	182	358639	2.2	8.1247	0.6	6.4481	1.1	0.3801	0.8	0.80	2076.9	15.0	2038.8	9.3	2000.6	11.3	2000.6	11.3	103.8
C16034B-Spot 74	133	87087	3.2	8.0652	0.7	6.3004	1.2	0.3687	1.0	0.83	2023.3	17.0	2018.5	10.4	2013.6	11.8	2013.6	11.8	100.5
C16034B-Spot 83	274	124714	1.9	8.0308	0.7	6.3413	1.2	0.3695	1.0	0.80	2027.1	17.2	2024.2	10.8	2021.2	13.0	2021.2	13.0	100.3
C16034B-Spot 245	80	27189	1.0	7.9392	0.8	5.9942	1.7	0.3453	1.4	0.87	1912.1	23.9	1975.0	14.4	2041.5	14.4	2041.5	14.4	93.7
C16034B-Spot 161	337	1944341	2.5	7.8953	0.7	6.6975	1.4	0.3837	1.2	0.85	2093.4	21.1	2072.3	12.3	2051.3	13.1	2051.3	13.1	102.1
C16034B-Spot 295	50	92527	1.3	7.8754	0.9	6.1286	1.4	0.3502	1.1	0.78	1935.6	17.7	1994.3	11.9	2055.8	15.1	2055.8	15.1	94.2

C16034B-Spot 114	292	222047	4.7	7.8710	0.6	6.2529	1.5	0.3571	1.4	0.92	1968.4	22.9	2011.9	12.9	2056.8	10.3	2056.8	10.3	95.7
C16034B-Spot 283	74	75129	1.8	7.8245	0.7	6.5088	1.3	0.3695	1.1	0.83	2027.2	18.9	2047.1	11.5	2067.2	12.6	2067.2	12.6	98.1
C16034B-Spot 33	599	254342	6.7	7.6633	0.6	7.4088	1.0	0.4120	0.8	0.81	2223.9	15.3	2162.0	9.0	2103.8	10.3	2103.8	10.3	105.7
C16034B-Spot 41	353	200343	2.8	7.6180	0.8	6.3755	1.5	0.3524	1.2	0.86	1946.1	20.8	2028.9	12.7	2114.2	13.2	2114.2	13.2	92.0
C16034B-Spot 185	98	672993	1.8	7.5888	0.8	6.9620	1.3	0.3834	1.0	0.80	2091.9	18.5	2106.6	11.5	2120.9	13.7	2120.9	13.7	98.6
C16034B-Spot 125	283	161555	1.6	7.4902	0.7	6.6448	1.5	0.3611	1.3	0.89	1987.5	23.1	2065.3	13.4	2143.8	12.1	2143.8	12.1	92.7
C16034B-Spot 260	35	1043283	1.2	7.4874	1.1	6.7230	1.8	0.3652	1.4	0.78	2007.0	24.6	2075.6	16.2	2144.5	20.0	2144.5	20.0	93.6
C16034B-Spot 249	117	92658	2.0	7.4078	0.7	6.4705	1.3	0.3478	1.1	0.83	1924.0	17.7	2041.9	11.3	2163.2	12.6	2163.2	12.6	88.9
C16034B-Spot 94	383	746679	1.9	7.2417	0.8	8.1071	1.4	0.4260	1.1	0.83	2287.6	21.8	2243.0	12.3	2202.6	13.2	2202.6	13.2	103.9
C16034B-Spot 267	125	9225	2.2	7.0989	2.2	7.2273	2.5	0.3723	1.3	0.50	2040.1	22.0	2139.9	22.6	2237.1	38.0	2237.1	38.0	91.2
C16034B-Spot 225	136	104187	1.2	6.6718	1.8	8.6540	2.1	0.4189	1.1	0.54	2255.6	21.3	2302.3	19.0	2343.9	30.1	2343.9	30.1	96.2
C16034B-Spot 258	431	394425	2.0	6.6022	0.9	9.4653	1.3	0.4534	1.0	0.76	2410.5	20.6	2384.2	12.3	2361.8	14.7	2361.8	14.7	102.1
C16034B-Spot 286	1518	2414937	21.7	6.5253	0.8	9.4523	1.6	0.4475	1.3	0.87	2384.3	26.8	2382.9	14.3	2381.8	13.2	2381.8	13.2	100.1
C16034B-Spot 166	458	2333137	11.6	6.3354	1.4	9.8353	2.1	0.4521	1.6	0.76	2404.6	32.6	2419.5	19.8	2431.9	23.8	2431.9	23.8	98.9
C16034B-Spot 205	723	975351	5.4	6.0891	1.2	11.0377	1.7	0.4877	1.2	0.72	2560.5	26.0	2526.3	16.0	2498.9	20.1	2498.9	20.1	102.5
C16034B-Spot 195	2070	1954760	30.6	6.0884	0.8	11.2067	1.5	0.4951	1.3	0.85	2592.6	27.1	2540.5	13.9	2499.1	13.2	2499.1	13.2	103.7
C16034B-Spot 174	193	179554	2.0	5.9387	0.7	10.7224	1.5	0.4620	1.3	0.88	2448.5	26.3	2499.4	13.6	2540.9	11.6	2540.9	11.6	96.4
C16034B-Spot 234	348	238644	3.5	5.7821	1.1	11.9740	2.1	0.5024	1.8	0.85	2623.9	38.1	2602.4	19.5	2585.6	18.2	2585.6	18.2	101.5
C16034B-Spot 113	251	302111	3.7	5.7813	1.2	11.6305	2.1	0.4879	1.7	0.81	2561.5	35.8	2575.1	19.5	2585.9	20.3	2585.9	20.3	99.1
C16034B-Spot 313	143	387886	3.4	5.7026	0.8	12.1128	1.6	0.5012	1.5	0.88	2618.9	31.3	2613.2	15.4	2608.7	12.9	2608.7	12.9	100.4
C16034B-Spot 116	141	277380	1.8	5.6854	0.8	12.5790	1.7	0.5189	1.5	0.89	2694.6	33.2	2648.7	16.0	2613.8	13.1	2613.8	13.1	103.1
C16034B-Spot 133	89	975598	0.9	3.8234	0.9	23.1584	1.9	0.6425	1.6	0.87	3198.7	41.5	3233.6	18.3	3255.4	14.4	3255.4	14.4	98.3
Rejected Analyses																			
~~C16034B-Spot 173~~	~~91~~	~~5258~~	~~1.7~~	~~10.9445~~	~~5.4~~	~~1.0554~~	~~5.7~~	~~0.0838~~	~~1.7~~	~~0.30~~	~~518.8~~	~~8.3~~	~~731.5~~	~~29.5~~	~~1453.5~~	~~102.8~~	~~1453.5~~	~~102.8~~	~~35.7~~
~~C16034B-Spot 153~~	~~21~~	~~4112~~	~~2.4~~	~~13.5687~~	~~3.1~~	~~0.8868~~	~~3.4~~	~~0.0873~~	~~1.4~~	~~0.40~~	~~539.6~~	~~7.1~~	~~644.7~~	~~16.3~~	~~1032.3~~	~~63.4~~	~~539.6~~	~~7.1~~	~~52.3~~
~~C16034B-Spot 4~~	~~846~~	~~8755~~	~~3.5~~	~~8.4839~~	~~0.8~~	~~2.8387~~	~~1.5~~	~~0.1747~~	~~1.3~~	~~0.86~~	~~1038.2~~	~~12.1~~	~~1365.8~~	~~11.0~~	~~1923.4~~	~~13.6~~	~~1923.4~~	~~13.6~~	~~54.0~~
~~C16034B-Spot 193~~	~~518~~	~~10768680~~	~~4.5~~	~~10.0799~~	~~7.0~~	~~2.1833~~	~~7.7~~	~~0.1597~~	~~3.2~~	~~0.42~~	~~955.0~~	~~28.8~~	~~1175.7~~	~~53.9~~	~~1608.4~~	~~131.0~~	~~1608.4~~	~~131.0~~	~~59.4~~
~~C16034B-Spot 79~~	~~427~~	~~119517~~	~~9.5~~	~~13.2675~~	~~1.2~~	~~1.0980~~	~~1.6~~	~~0.1057~~	~~1.1~~	~~0.69~~	~~647.8~~	~~7.0~~	~~752.4~~	~~8.8~~	~~1077.5~~	~~24.0~~	~~647.8~~	~~7.0~~	~~60.1~~
~~C16034B-Spot 300~~	~~211~~	~~92099~~	~~3.8~~	~~8.1687~~	~~2.6~~	~~4.1801~~	~~3.3~~	~~0.2478~~	~~2.1~~	~~0.64~~	~~1426.9~~	~~27.3~~	~~1670.1~~	~~27.3~~	~~1991.0~~	~~45.4~~	~~1991.0~~	~~45.4~~	~~71.7~~
~~C16034B-Spot 88~~	~~2959~~	~~83908~~	~~3.1~~	~~16.8683~~	~~0.8~~	~~0.5463~~	~~1.7~~	~~0.0669~~	~~1.5~~	~~0.88~~	~~417.2~~	~~6.2~~	~~442.6~~	~~6.3~~	~~576.6~~	~~18.3~~	~~417.2~~	~~6.2~~	~~72.4~~
~~C16034B-Spot 186~~	~~604~~	~~329138~~	~~4.1~~	~~14.1129~~	~~1.0~~	~~1.1885~~	~~1.9~~	~~0.1217~~	~~1.6~~	~~0.85~~	~~740.3~~	~~11.1~~	~~795.2~~	~~10.3~~	~~952.4~~	~~20.5~~	~~740.3~~	~~11.1~~	~~77.7~~
~~C16034B-Spot 269~~	~~91~~	~~11324~~	~~1.5~~	~~8.1022~~	~~2.4~~	~~4.6631~~	~~2.7~~	~~0.2741~~	~~1.3~~	~~0.48~~	~~1561.8~~	~~18.1~~	~~1760.6~~	~~22.7~~	~~2005.5~~	~~42.3~~	~~2005.5~~	~~42.3~~	~~77.9~~
~~C16034B-Spot 101~~	~~834~~	~~314096~~	~~17.6~~	~~17.6095~~	~~0.9~~	~~0.6474~~	~~1.4~~	~~0.0827~~	~~1.1~~	~~0.80~~	~~512.3~~	~~5.6~~	~~506.9~~	~~5.7~~	~~482.3~~	~~19.0~~	~~512.3~~	~~5.6~~	~~106.2~~
~~C16034B-Spot 189~~	~~362~~	~~194629~~	~~2.0~~	~~8.8756~~	~~0.7~~	~~5.5205~~	~~1.1~~	~~0.3555~~	~~0.8~~	~~0.77~~	~~1960.9~~	~~14.3~~	~~1903.8~~	~~9.5~~	~~1842.1~~	~~12.8~~	~~1842.1~~	~~12.8~~	~~106.5~~
~~C16034B-Spot 135~~	~~759~~	~~285305~~	~~2.3~~	~~17.8015~~	~~0.8~~	~~0.6099~~	~~1.5~~	~~0.0788~~	~~1.3~~	~~0.85~~	~~488.8~~	~~5.9~~	~~483.5~~	~~5.7~~	~~458.3~~	~~17.1~~	~~488.8~~	~~5.9~~	~~106.7~~
~~C16034B-Spot 282~~	~~787~~	~~543310~~	~~20.7~~	~~16.7400~~	~~0.9~~	~~0.8493~~	~~1.7~~	~~0.1032~~	~~1.4~~	~~0.85~~	~~632.9~~	~~8.6~~	~~624.2~~	~~7.8~~	~~593.1~~	~~19.4~~	~~632.9~~	~~8.6~~	~~106.7~~
~~C16034B-Spot 279~~	~~367~~	~~155361~~	~~2.2~~	~~18.3730~~	~~1.0~~	~~0.4986~~	~~1.5~~	~~0.0665~~	~~1.1~~	~~0.77~~	~~414.8~~	~~4.6~~	~~410.7~~	~~5.1~~	~~387.8~~	~~21.6~~	~~414.8~~	~~4.6~~	~~107.0~~
~~C16034B-Spot 87~~	~~364~~	~~167503~~	~~5.4~~	~~18.3978~~	~~0.7~~	~~0.4964~~	~~1.4~~	~~0.0663~~	~~1.1~~	~~0.84~~	~~413.6~~	~~4.6~~	~~409.2~~	~~4.6~~	~~384.8~~	~~16.6~~	~~413.6~~	~~4.6~~	~~107.5~~
~~C16034B-Spot 304~~	~~64~~	~~12217~~	~~1.2~~	~~17.8640~~	~~1.7~~	~~0.6050~~	~~2.3~~	~~0.0784~~	~~1.5~~	~~0.65~~	~~486.7~~	~~6.9~~	~~480.4~~	~~8.6~~	~~450.5~~	~~38.0~~	~~486.7~~	~~6.9~~	~~108.0~~
~~C16034B-Spot 206~~	~~689~~	~~180677~~	~~40.3~~	~~16.7715~~	~~0.7~~	~~0.8527~~	~~1.2~~	~~0.1038~~	~~0.9~~	~~0.79~~	~~636.5~~	~~5.5~~	~~626.2~~	~~5.4~~	~~589.1~~	~~15.6~~	~~636.5~~	~~5.5~~	~~108.0~~
~~C16034B-Spot 57~~	~~818~~	~~1261440~~	~~2.0~~	~~5.8594~~	~~0.8~~	~~12.6324~~	~~1.5~~	~~0.5371~~	~~1.3~~	~~0.86~~	~~2771.1~~	~~28.4~~	~~2652.6~~	~~13.8~~	~~2563.5~~	~~12.7~~	~~2563.5~~	~~12.7~~	~~108.1~~
~~C16034B-Spot 274~~	~~1192~~	~~206813~~	~~2.7~~	~~16.8130~~	~~0.9~~	~~0.8485~~	~~1.6~~	~~0.1035~~	~~1.4~~	~~0.84~~	~~634.9~~	~~8.3~~	~~623.8~~	~~7.6~~	~~583.7~~	~~19.1~~	~~634.9~~	~~8.3~~	~~108.8~~
~~C16034B-Spot 183~~	~~40~~	~~6336~~	~~1.8~~	~~17.0053~~	~~2.2~~	~~0.8086~~	~~2.6~~	~~0.0998~~	~~1.5~~	~~0.57~~	~~613.1~~	~~8.8~~	~~601.7~~	~~11.9~~	~~558.9~~	~~47.1~~	~~613.1~~	~~8.8~~	~~109.7~~
~~C16034B-Spot 86~~	~~416~~	~~886511~~	~~3.8~~	~~16.7150~~	~~0.8~~	~~0.8900~~	~~1.6~~	~~0.1079~~	~~1.4~~	~~0.86~~	~~660.8~~	~~8.8~~	~~646.4~~	~~7.8~~	~~596.4~~	~~18.3~~	~~660.8~~	~~8.8~~	~~110.8~~
~~C16034B-Spot 170~~	~~773~~	~~55868~~	~~0.9~~	~~9.7886~~	~~2.0~~	~~1.6670~~	~~13.8~~	~~0.1184~~	~~13.6~~	~~0.99~~	~~721.3~~	~~92.9~~	~~996.0~~	~~87.6~~	~~1662.9~~	~~37.5~~	~~1662.9~~	~~37.5~~	~~43.4~~
~~C16034B-Spot 156~~	~~3715~~	~~161250~~	~~2.9~~	~~11.9060~~	~~1.4~~	~~0.9506~~	~~6.3~~	~~0.0821~~	~~6.2~~	~~0.98~~	~~508.8~~	~~30.3~~	~~678.4~~	~~31.4~~	~~1291.5~~	~~27.1~~	~~1291.5~~	~~27.1~~	~~39.4~~
~~C16034B-Spot 34~~	~~71~~	~~8761~~	~~1.1~~	~~7.0866~~	~~3.2~~	~~7.9684~~	~~7.8~~	~~0.4097~~	~~7.1~~	~~0.91~~	~~2213.7~~	~~133.7~~	~~2227.5~~	~~70.5~~	~~2240.1~~	~~54.7~~	~~2240.1~~	~~54.7~~	~~98.8~~
~~C16034B-Spot 241~~	~~179~~	~~1639~~	~~1.3~~	~~6.3666~~	~~19.5~~	~~1.4820~~	~~19.9~~	~~0.0685~~	~~4.0~~	~~0.20~~	~~426.9~~	~~16.5~~	~~923.0~~	~~121.1~~	~~2423.6~~	~~333.9~~	~~2423.6~~	~~333.9~~	~~17.6~~
(N4) CT15004B																			
CT15004B Spot 42	1017	65058	292.1	19.2200	1.1	0.3473	1.4	0.0484	0.9	0.65	304.9	2.7	302.7	3.6	285.7	24.2	304.9	2.7	NA
CT15004B Spot 44	889	51912	355.8	18.6434	0.9	0.3619	1.3	0.0490	0.9	0.72	308.1	2.8	313.6	3.5	354.9	20.4	308.1	2.8	NA
CT15004B Spot 41	1117	30947	321.2	19.0816	1.0	0.3543	1.6	0.0491	1.3	0.78	308.7	3.8	308.0	4.3	302.2	23.1	308.7	3.8	NA
CT15004B Spot 26	1673	99950	533.9	18.9792	1.0	0.3584	2.0	0.0494	1.8	0.86	310.6	5.3	311.0	5.5	314.5	23.4	310.6	5.3	NA

CT15004B Spot 7	1181	35549	264.0	19.0380	0.9	0.3579	1.6	0.0494	1.3	0.80	311.1	3.8	310.7	4.2	307.4	21.4	311.1	3.8	NA
CT15004B Spot 11	1665	182500	443.5	19.0008	0.9	0.3596	1.9	0.0496	1.6	0.86	311.9	4.9	311.9	5.0	311.9	21.6	311.9	4.9	NA
CT15004B Spot 47	1346	57797	506.0	19.0222	1.0	0.3619	1.5	0.0500	1.2	0.77	314.2	3.6	313.7	4.1	309.3	22.3	314.2	3.6	NA
CT15004B Spot 25	1649	89844	363.6	19.0000	0.8	0.3645	1.5	0.0502	1.2	0.83	316.0	3.8	315.5	4.0	312.0	18.5	316.0	3.8	NA
CT15004B Spot 29	742	160380	162.9	18.7711	1.1	0.3700	1.6	0.0504	1.2	0.73	316.9	3.6	319.6	4.4	339.5	24.6	316.9	3.6	NA
CT15004B Spot 48	1718	132643	117.2	18.6428	0.9	0.3767	1.5	0.0510	1.2	0.79	320.4	3.8	324.6	4.3	355.0	21.4	320.4	3.8	NA
CT15004B Spot 14	1658	50393	164.1	18.5691	0.9	0.3841	1.7	0.0517	1.4	0.85	325.2	4.6	330.0	4.8	363.9	20.3	325.2	4.6	NA
CT15004B Spot 46	1028	265775	29.7	18.2427	1.2	0.4238	4.2	0.0561	4.1	0.96	351.9	14.0	358.8	12.8	403.8	26.2	351.9	14.0	NA
CT15004B Spot 19	807	36234	5.6	18.2085	1.5	0.4633	2.3	0.0612	1.7	0.77	382.9	6.5	386.5	7.3	407.9	32.5	382.9	6.5	NA
CT15004B Spot 43	1305	401155	23.8	17.8490	1.0	0.4762	1.6	0.0617	1.2	0.76	385.8	4.4	395.5	5.1	452.4	22.5	385.8	4.4	NA
CT15004B Spot 30	325	10716	18.0	18.5131	1.5	0.4685	4.9	0.0629	4.7	0.95	393.4	18.0	390.1	16.0	370.7	33.3	393.4	18.0	NA
CT15004B Spot 23	771	244317	8.8	16.9529	1.2	0.7028	3.3	0.0864	3.1	0.93	534.5	15.7	540.5	13.8	565.7	27.1	534.5	15.7	94.5
CT15004B Spot 50	780	98015	12.1	16.3988	1.4	0.7496	3.0	0.0892	2.7	0.89	550.8	14.2	568.0	13.2	637.6	30.2	550.8	14.2	86.4
CT15004B Spot 12	190	99580	4.0	16.3879	1.4	0.7853	2.5	0.0934	2.0	0.82	575.5	11.3	588.5	11.2	639.0	30.7	575.5	11.3	90.0
CT15004B Spot 21	1165	155842	6.6	16.5623	0.9	0.7801	2.0	0.0937	1.7	0.88	577.6	9.5	585.5	8.7	616.2	19.9	577.6	9.5	93.7
CT15004B Spot 20	327	69124	1.6	16.8682	1.2	0.7701	2.1	0.0943	1.8	0.83	580.7	9.9	579.8	9.4	576.6	25.7	580.7	9.9	100.7
CT15004B Spot 31	379	35587	1.6	16.4290	1.1	0.8207	1.7	0.0978	1.3	0.76	601.7	7.5	608.4	7.8	633.7	23.8	601.7	7.5	95.0
CT15004B Spot 13	1005	329022	5.2	16.5120	1.1	0.8216	2.2	0.0984	2.0	0.88	605.2	11.4	608.9	10.3	622.8	22.8	605.2	11.4	97.2
CT15004B Spot 36	425	1578071	0.9	16.5715	1.2	0.8473	1.7	0.1019	1.2	0.71	625.4	7.1	623.2	7.8	615.0	25.4	625.4	7.1	101.7
CT15004B Spot 40	138	44426	2.9	16.6766	1.3	0.8499	1.8	0.1028	1.2	0.69	631.1	7.3	624.6	8.2	601.3	27.4	631.1	7.3	104.9
CT15004B Spot 16	387	1492542	1.2	16.3908	1.1	0.8655	1.9	0.1029	1.5	0.80	631.6	8.9	633.1	8.7	638.7	24.1	631.6	8.9	98.9
CT15004B Spot 34	551	113458	2.8	15.9537	1.2	0.8988	1.7	0.1040	1.3	0.74	638.1	7.8	651.1	8.3	696.5	24.7	638.1	7.8	91.6
CT15004B Spot 45	611	382917	13.3	16.4026	1.1	0.8854	1.9	0.1054	1.5	0.81	645.8	9.5	643.9	9.1	637.1	23.9	645.8	9.5	101.4
CT15004B Spot 35	161	48647	1.0	16.2580	1.4	0.9164	2.1	0.1081	1.5	0.74	661.7	9.7	660.4	10.1	656.1	29.8	661.7	9.7	100.9
CT15004B Spot 22	180	54138	1.5	15.3996	1.4	0.9921	2.0	0.1109	1.5	0.72	677.7	9.3	699.8	10.2	771.3	29.4	677.7	9.3	87.9
CT15004B Spot 5	541	401939	10.8	15.9065	1.0	0.9941	1.6	0.1147	1.3	0.77	700.2	8.3	700.8	8.2	702.8	21.9	700.2	8.3	99.6
CT15004B Spot 1	487	57604	4.2	15.5874	1.2	1.0334	2.0	0.1169	1.6	0.80	712.6	10.6	720.6	10.1	745.8	25.0	712.6	10.6	95.5
CT15004B Spot 3	330	37472	1.0	15.3043	1.1	1.0995	1.7	0.1221	1.3	0.75	742.6	8.9	753.1	8.9	784.4	23.3	742.6	8.9	94.7
CT15004B Spot 4	186	36320	1.8	15.2864	1.2	1.1869	1.7	0.1317	1.3	0.75	797.3	9.8	794.5	9.6	786.9	24.2	797.3	9.8	101.3
CT15004B Spot 32	260	43379	1.6	14.8378	1.4	1.2579	1.8	0.1354	1.2	0.66	818.8	9.4	827.0	10.4	849.1	28.7	818.8	9.4	96.4
CT15004B Spot 6	90	31174	2.2	14.5867	1.6	1.3184	2.0	0.1395	1.2	0.59	842.1	9.4	853.8	11.5	884.5	33.1	842.1	9.4	95.2
CT15004B Spot 15	402	177553	2.0	13.9330	1.0	1.4953	2.1	0.1512	1.9	0.88	907.5	15.9	928.5	12.9	978.6	20.4	978.6	20.4	92.7
CT15004B Spot 38	132	20166	1.6	13.8565	1.6	1.4195	2.4	0.1427	1.8	0.74	860.0	14.3	897.2	14.4	989.8	33.3	989.8	33.3	86.9
CT15004B Spot 8	121	114366	1.8	8.7505	1.1	5.1350	1.7	0.3260	1.3	0.77	1819.1	20.5	1841.9	14.3	1867.8	19.6	1867.8	19.6	97.4
CT15004B Spot 49	699	444761	42.9	8.5103	1.0	4.9651	1.9	0.3066	1.6	0.85	1723.9	24.8	1813.4	16.3	1917.8	18.3	1917.8	18.3	89.9
CT15004B Spot 33	164	102896	1.4	7.6956	0.8	6.3633	1.4	0.3553	1.2	0.83	1959.9	19.5	2027.2	12.2	2096.4	13.6	2096.4	13.6	93.5
CT15004B Spot 37	113	156741	3.6	7.5382	1.2	6.1224	2.1	0.3349	1.7	0.83	1861.9	27.9	1993.4	18.2	2132.7	20.5	2132.7	20.5	87.3
CT15004B Spot 17	232	260444	3.8	6.8734	0.8	8.3991	1.8	0.4189	1.7	0.91	2255.4	31.9	2275.1	16.8	2292.8	13.4	2292.8	13.4	98.4
CT15004B Spot 2	285	172122	3.3	6.8713	1.0	8.3861	1.9	0.4181	1.6	0.86	2251.9	31.2	2273.7	17.2	2293.3	16.4	2293.3	16.4	98.2
Rejected Analyses																			
~~CT15004B Spot 39~~	~~804~~	~~104773~~	~~18.1~~	~~15.1907~~	~~2.4~~	~~0.8583~~	~~3.3~~	~~0.0946~~	~~2.2~~	~~0.68~~	~~582.7~~	~~12.5~~	~~629.2~~	~~15.5~~	~~800.0~~	~~50.6~~	~~582.7~~	~~12.5~~	~~72.8~~
~~CT15004B Spot 18~~	~~599~~	~~27474~~	~~3.1~~	~~16.5957~~	~~1.2~~	~~0.6095~~	~~2.1~~	~~0.0734~~	~~1.7~~	~~0.83~~	~~456.5~~	~~7.6~~	~~483.2~~	~~8.0~~	~~611.8~~	~~24.9~~	~~456.5~~	~~7.6~~	~~74.6~~
~~CT15004B Spot 28~~	~~107~~	~~99711~~	~~1.6~~	~~13.9856~~	~~1.3~~	~~1.2297~~	~~2.0~~	~~0.1248~~	~~1.4~~	~~0.72~~	~~758.0~~	~~10.1~~	~~814.2~~	~~10.9~~	~~970.9~~	~~27.4~~	~~758.0~~	~~10.1~~	~~78.1~~
~~CT15004B Spot 9~~	~~662~~	~~73093~~	~~3.7~~	~~10.0875~~	~~1.4~~	~~2.9487~~	~~2.0~~	~~0.2158~~	~~1.5~~	~~0.73~~	~~1259.8~~	~~16.7~~	~~1394.5~~	~~15.3~~	~~1607.0~~	~~25.8~~	~~1607.0~~	~~25.8~~	~~78.4~~
~~CT15004B Spot 24~~	~~715~~	~~40795~~	~~9.5~~	~~17.2380~~	~~0.9~~	~~0.5378~~	~~1.7~~	~~0.0673~~	~~1.4~~	~~0.84~~	~~419.7~~	~~5.9~~	~~437.0~~	~~6.1~~	~~529.3~~	~~20.2~~	~~419.7~~	~~5.9~~	~~79.3~~
~~CT15004B Spot 10~~	~~122~~	~~11048~~	~~1.4~~	~~16.8826~~	~~1.8~~	~~0.8735~~	~~2.7~~	~~0.1070~~	~~2.0~~	~~0.75~~	~~655.3~~	~~12.5~~	~~637.5~~	~~12.7~~	~~574.7~~	~~38.6~~	~~655.3~~	~~12.5~~	~~114.0~~
~~CT15004B Spot 27~~	~~1213~~	~~35675~~	~~27.4~~	~~18.6958~~	~~1.6~~	~~0.4191~~	~~7.6~~	~~0.0569~~	~~7.4~~	~~0.98~~	~~356.5~~	~~25.6~~	~~355.4~~	~~22.7~~	~~348.6~~	~~36.6~~	~~356.5~~	~~25.6~~	~~NA~~
N5 (100211-3A)																			
-100211-3A Spot 181	258	16025	0.9	18.2784	1.3	0.2985	1.7	0.0396	1.1	0.63	250.3	2.6	265.3	4.0	399.4	29.6	250.3	2.6	NA
-100211-3A Spot 65	828	70031	1.7	19.4166	0.9	0.2829	1.7	0.0399	1.4	0.82	252.0	3.4	253.0	3.7	262.4	21.8	252.0	3.4	NA
-100211-3A Spot 190	390	15663	1.8	19.0051	1.2	0.2954	1.5	0.0407	1.0	0.66	257.4	2.5	262.8	3.5	311.3	26.3	257.4	2.5	NA
-100211-3A Spot 118	1399	24307	1.3	16.9112	1.6	0.3384	2.1	0.0415	1.4	0.65	262.2	3.6	295.9	5.5	571.0	35.5	262.2	3.6	NA
-100211-3A Spot 55	2394	65273	0.7	19.0332	0.8	0.3053	1.7	0.0422	1.5	0.87	266.3	3.9	270.6	4.1	308.0	19.1	266.3	3.9	NA

-100211-3A Spot 169	1192	49758	5.4	18.8649	1.4	0.3105	1.8	0.0425	1.1	0.61	268.3	2.9	274.5	4.3	328.2	32.5	268.3	2.9	NA
-100211-3A Spot 28	356	7073	2.2	17.7992	2.0	0.3321	2.5	0.0429	1.6	0.62	270.7	4.1	291.2	6.4	458.6	44.1	270.7	4.1	NA
-100211-3A Spot 253	505	101131	0.6	19.3332	0.9	0.3063	1.5	0.0430	1.2	0.81	271.2	3.2	271.3	3.6	272.2	20.1	271.2	3.2	NA
-100211-3A Spot 302	1992	65438	2.7	19.1342	0.8	0.3097	1.6	0.0430	1.4	0.88	271.4	3.8	274.0	3.9	295.9	17.3	271.4	3.8	NA
-100211-3A Spot 172	569	51698	1.0	19.1984	1.0	0.3106	1.8	0.0433	1.5	0.84	273.0	4.1	274.6	4.4	288.3	22.2	273.0	4.1	NA
-100211-3A Spot 39	302	10062	3.3	19.8743	1.2	0.3010	1.5	0.0434	1.0	0.63	273.9	2.6	267.2	3.6	208.6	27.7	273.9	2.6	NA
-100211-3A Spot 147	56	6024	1.4	19.5336	2.4	0.3121	2.9	0.0442	1.6	0.56	279.0	4.4	275.8	7.0	248.6	55.0	279.0	4.4	NA
-100211-3A Spot 261	366	21266	2.1	18.8755	1.2	0.3231	1.5	0.0442	0.9	0.59	279.1	2.4	284.3	3.7	326.9	27.3	279.1	2.4	NA
-100211-3A Spot 228	258	18811	1.2	19.3520	1.0	0.3198	1.5	0.0449	1.1	0.72	283.2	3.0	281.7	3.7	270.0	23.9	283.2	3.0	NA
-100211-3A Spot 22	2116	47464	4.7	18.8123	1.1	0.3290	1.8	0.0449	1.4	0.80	283.2	3.9	288.8	4.4	334.5	24.2	283.2	3.9	NA
-100211-3A Spot 307	304	9809	0.8	18.9090	1.2	0.3294	1.7	0.0452	1.2	0.72	285.0	3.4	289.1	4.2	322.9	26.5	285.0	3.4	NA
-100211-3A Spot 289	831	50047	1.7	18.6652	1.0	0.3339	1.6	0.0452	1.3	0.81	285.1	3.7	292.5	4.1	352.3	21.7	285.1	3.7	NA
-100211-3A Spot 287	669	69469	1.5	19.1269	0.9	0.3272	1.4	0.0454	1.1	0.79	286.3	3.2	287.5	3.5	296.8	19.6	286.3	3.2	NA
-100211-3A Spot 170	347	44851	1.5	19.0558	0.9	0.3326	1.4	0.0460	1.1	0.77	289.9	3.0	291.6	3.5	305.3	20.0	289.9	3.0	NA
-100211-3A Spot 24	1684	106564	9.6	18.9171	0.8	0.3352	1.4	0.0460	1.1	0.80	290.0	3.1	293.5	3.5	321.9	18.4	290.0	3.1	NA
-100211-3A Spot 7	730	30236	0.9	18.4751	1.3	0.3439	2.1	0.0461	1.6	0.78	290.6	4.5	300.2	5.3	375.3	28.9	290.6	4.5	NA
-100211-3A Spot 308	366	13712	1.5	19.4278	1.1	0.3273	1.6	0.0461	1.1	0.72	290.8	3.2	287.5	3.9	261.1	25.2	290.8	3.2	NA
-100211-3A Spot 306	351	8352	2.2	19.4312	1.0	0.3278	1.5	0.0462	1.1	0.74	291.3	3.2	287.9	3.9	260.6	23.9	291.3	3.2	NA
-100211-3A Spot 110	2004	377383	2.4	19.5035	0.7	0.3279	1.3	0.0464	1.1	0.83	292.4	3.1	288.0	3.3	252.1	17.0	292.4	3.1	NA
-100211-3A Spot 43	253	609	1.7	35.7620	27.3	0.1792	27.3	0.0465	1.4	0.05	292.9	4.1	167.3	42.2	NA	NA	292.9	4.1	NA
-100211-3A Spot 255	254	53619	1.4	18.8660	1.2	0.3410	1.7	0.0467	1.2	0.71	294.1	3.5	297.9	4.4	328.0	27.3	294.1	3.5	NA
-100211-3A Spot 8	2247	79989	2.1	19.3220	0.8	0.3333	1.2	0.0467	0.9	0.74	294.4	2.7	292.1	3.2	273.6	19.3	294.4	2.7	NA
-100211-3A Spot 148	1131	73072	1.5	18.3550	1.0	0.3514	2.9	0.0468	2.7	0.94	294.8	7.9	305.8	7.6	390.0	21.8	294.8	7.9	NA
-100211-3A Spot 146	407	499529	2.0	19.1750	0.7	0.3365	1.7	0.0468	1.5	0.90	295.0	4.4	294.5	4.3	291.1	16.6	295.0	4.4	NA
-100211-3A Spot 259	327	14052	2.0	19.1175	1.1	0.3379	1.6	0.0469	1.1	0.71	295.3	3.2	295.6	4.1	297.9	25.4	295.3	3.2	NA
-100211-3A Spot 227	366	30191	4.6	18.7833	1.0	0.3439	1.6	0.0469	1.3	0.81	295.3	3.8	300.1	4.2	338.0	21.9	295.3	3.8	NA
-100211-3A Spot 211	775	20027	4.2	19.0726	0.9	0.3424	1.9	0.0474	1.6	0.86	298.5	4.7	299.0	4.9	303.2	21.6	298.5	4.7	NA
-100211-3A Spot 97	159	669	0.6	5.8428	12.2	1.1248	12.3	0.0477	1.4	0.12	300.3	4.2	765.3	66.1	2568.2	204.6	300.3	4.2	NA
-100211-3A Spot 293	197	1598	1.3	10.1978	2.5	0.6450	2.9	0.0477	1.4	0.49	300.5	4.1	505.4	11.4	1586.7	46.6	300.5	4.1	NA
-100211-3A Spot 215	918	183671	0.5	19.0205	0.7	0.3465	1.4	0.0478	1.2	0.85	301.2	3.4	302.1	3.5	309.5	16.2	301.2	3.4	NA
-100211-3A Spot 89	229	4478	2.5	20.4965	3.5	0.3216	3.8	0.0478	1.3	0.35	301.2	3.8	283.1	9.3	136.6	82.8	301.2	3.8	NA
-100211-3A Spot 163	192	3743	1.7	14.3022	7.6	0.4617	7.9	0.0479	2.1	0.26	301.7	6.1	385.4	25.3	925.1	156.4	301.7	6.1	NA
-100211-3A Spot 179	499	31198	1.5	18.9714	0.9	0.3489	1.4	0.0480	1.1	0.77	302.4	3.2	303.9	3.6	315.4	20.0	302.4	3.2	NA
-100211-3A Spot 256	259	22081	2.1	17.7255	1.3	0.3746	1.7	0.0482	1.1	0.62	303.3	3.1	323.0	4.7	467.8	29.6	303.3	3.1	NA
-100211-3A Spot 165	779	57216	1.7	19.1839	0.9	0.3463	2.9	0.0482	2.8	0.95	303.5	8.3	301.9	7.7	290.0	21.4	303.5	8.3	NA
-100211-3A Spot 90	717	67038	1.1	18.6553	0.7	0.3573	1.6	0.0484	1.5	0.89	304.5	4.3	310.2	4.4	353.4	16.9	304.5	4.3	NA
-100211-3A Spot 219	374	48988	1.7	18.1970	0.8	0.3668	1.4	0.0484	1.2	0.85	304.9	3.6	317.3	3.9	409.4	17.0	304.9	3.6	NA
-100211-3A Spot 82	785	11713	2.4	17.3724	3.3	0.3889	3.6	0.0490	1.4	0.40	308.5	4.3	333.6	10.1	512.2	71.7	308.5	4.3	NA
-100211-3A Spot 171	1159	120143	4.4	18.8438	1.1	0.3605	1.6	0.0493	1.1	0.71	310.1	3.4	312.6	4.3	330.7	25.2	310.1	3.4	NA
-100211-3A Spot 240	1054	55842	2.9	19.0051	0.8	0.3577	1.8	0.0493	1.5	0.88	310.4	4.7	310.5	4.7	311.3	18.9	310.4	4.7	NA
-100211-3A Spot 246	663	50090	1.9	18.7402	1.0	0.3637	1.9	0.0495	1.6	0.85	311.2	4.8	315.0	5.1	343.2	22.6	311.2	4.8	NA
-100211-3A Spot 265	504	13304	1.1	17.7456	1.2	0.3845	1.9	0.0495	1.5	0.77	311.5	4.5	330.3	5.4	465.3	26.9	311.5	4.5	NA
-100211-3A Spot 18	272	17660	1.1	19.0989	1.3	0.3576	1.9	0.0496	1.3	0.70	311.8	4.0	310.4	5.0	300.2	30.1	311.8	4.0	NA
-100211-3A Spot 114	380	31741	2.6	19.0688	1.1	0.3590	1.7	0.0497	1.3	0.74	312.5	3.9	311.5	4.6	303.7	26.1	312.5	3.9	NA
-100211-3A Spot 156	583	55746	3.2	18.9377	1.3	0.3620	1.9	0.0497	1.4	0.73	313.0	4.2	313.7	5.1	319.4	29.5	313.0	4.2	NA
-100211-3A Spot 128	58	9608	2.9	16.5514	2.6	0.4147	4.1	0.0498	3.2	0.78	313.3	9.7	352.2	12.2	617.6	55.3	313.3	9.7	NA
-100211-3A Spot 74	307	107416	1.9	18.9400	1.3	0.3636	1.8	0.0500	1.2	0.66	314.3	3.7	314.9	4.9	319.2	30.6	314.3	3.7	NA
-100211-3A Spot 100	978	45371	3.9	18.8672	0.9	0.3652	1.5	0.0500	1.3	0.82	314.5	3.9	316.1	4.2	327.9	19.9	314.5	3.9	NA
-100211-3A Spot 29	667	29723	1.4	18.6977	1.0	0.3692	2.2	0.0501	1.9	0.88	315.1	5.8	319.1	5.9	348.4	23.7	315.1	5.8	NA
-100211-3A Spot 292	189	8382	1.7	19.7394	2.4	0.3502	2.8	0.0502	1.5	0.53	315.5	4.5	304.9	7.3	224.4	54.6	315.5	4.5	NA
-100211-3A Spot 132	924	56323	0.8	18.8086	0.9	0.3676	1.5	0.0502	1.2	0.80	315.6	3.7	317.9	4.1	335.0	20.4	315.6	3.7	NA
-100211-3A Spot 86	145	34258	1.9	16.5659	2.2	0.4188	2.7	0.0503	1.6	0.59	316.6	5.0	355.2	8.2	615.7	47.5	316.6	5.0	NA
-100211-3A Spot 303	227	10343	1.8	18.5747	1.2	0.3739	1.7	0.0504	1.3	0.72	317.0	3.9	322.6	4.8	363.2	27.3	317.0	3.9	NA
-100211-3A Spot 204	356	4510	2.1	14.8118	4.1	0.4704	7.2	0.0506	5.9	0.82	317.9	18.3	391.5	23.4	852.8	85.7	317.9	18.3	NA
-100211-3A Spot 13	226	13441	2.0	18.5767	1.2	0.3771	2.2	0.0508	1.9	0.84	319.6	5.8	324.9	6.2	363.0	26.9	319.6	5.8	NA

-100211-3A Spot 3	1028	18054	1.0	15.5303	3.0	0.4513	3.7	0.0509	2.1	0.56	319.8	6.5	378.2	11.7	753.5	64.4	319.8	6.5	NA
-100211-3A Spot 135	286	63159	3.0	10.8539	5.0	0.6465	5.2	0.0509	1.3	0.25	320.1	4.1	506.3	20.8	1469.3	95.7	320.1	4.1	NA
-100211-3A Spot 137	186	14894	1.3	18.5974	1.4	0.3774	1.9	0.0509	1.3	0.69	320.2	4.1	325.1	5.3	360.5	31.2	320.2	4.1	NA
-100211-3A Spot 80	204	10878	2.4	18.7354	1.7	0.3753	2.0	0.0510	1.2	0.57	320.8	3.6	323.6	5.6	343.8	37.6	320.8	3.6	NA
-100211-3A Spot 0	543	66589	0.6	18.1676	1.2	0.3891	1.7	0.0513	1.2	0.73	322.5	3.8	333.7	4.8	413.0	25.8	322.5	3.8	NA
-100211-3A Spot 99	268	14501	2.3	18.6091	1.2	0.3800	1.7	0.0513	1.2	0.71	322.6	3.9	327.1	4.9	359.0	27.5	322.6	3.9	NA
-100211-3A Spot 232	375	198534	2.8	18.4196	1.4	0.3848	1.9	0.0514	1.2	0.63	323.3	3.7	330.6	5.3	382.1	32.5	323.3	3.7	NA
-100211-3A Spot 159	129	13277	1.4	17.7753	1.5	0.3988	1.9	0.0514	1.1	0.60	323.3	3.5	340.8	5.4	461.6	33.1	323.3	3.5	NA
-100211-3A Spot 271	154	11036	2.2	18.5151	2.0	0.3832	2.3	0.0515	1.3	0.55	323.6	4.1	329.4	6.6	370.5	44.1	323.6	4.1	NA
-100211-3A Spot 258	451	62191	2.3	18.1979	0.9	0.3930	1.3	0.0519	1.0	0.73	326.1	3.0	336.6	3.8	409.2	20.1	326.1	3.0	NA
-100211-3A Spot 130	639	32725	0.9	18.8084	0.8	0.3814	1.5	0.0521	1.2	0.85	327.1	3.9	328.1	4.1	335.0	17.3	327.1	3.9	NA
-100211-3A Spot 98	539	108063	0.8	18.2574	0.9	0.3936	1.5	0.0521	1.1	0.77	327.6	3.6	337.0	4.2	401.9	20.8	327.6	3.6	NA
-100211-3A Spot 113	528	427232	1.5	18.4057	0.9	0.3911	1.2	0.0522	0.9	0.69	328.2	2.7	335.1	3.5	383.8	19.8	328.2	2.7	NA
-100211-3A Spot 136	783	78598	1.4	18.3422	1.3	0.3927	2.2	0.0523	1.8	0.81	328.4	5.8	336.4	6.4	391.6	29.5	328.4	5.8	NA
-100211-3A Spot 102	576	21685	1.0	19.0758	1.0	0.3779	1.6	0.0523	1.2	0.79	328.6	3.9	325.5	4.3	302.9	22.0	328.6	3.9	NA
-100211-3A Spot 277	324	15081	1.2	18.8946	1.4	0.3821	1.9	0.0524	1.4	0.69	329.1	4.3	328.6	5.5	324.6	31.7	329.1	4.3	NA
-100211-3A Spot 257	573	48113	53.1	18.5670	0.7	0.3899	1.5	0.0525	1.4	0.89	330.0	4.4	334.3	4.4	364.2	15.7	330.0	4.4	NA
-100211-3A Spot 26	65	3494	1.2	17.9926	3.8	0.4041	4.1	0.0528	1.5	0.35	331.4	4.7	344.6	12.0	434.6	85.3	331.4	4.7	NA
-100211-3A Spot 49	276	4590	3.5	16.6630	2.1	0.4368	2.5	0.0528	1.4	0.55	331.8	4.4	368.0	7.7	603.1	45.0	331.8	4.4	NA
-100211-3A Spot 16	824	74672	1.2	18.4486	1.0	0.3978	1.5	0.0532	1.1	0.74	334.4	3.6	340.0	4.4	378.6	22.8	334.4	3.6	NA
-100211-3A Spot 282	448	31285	1.5	18.7652	0.9	0.3945	1.7	0.0537	1.4	0.85	337.3	4.7	337.6	4.8	340.2	19.8	337.3	4.7	NA
-100211-3A Spot 217	310	9757	3.8	19.0258	1.3	0.3896	1.8	0.0538	1.1	0.65	337.8	3.8	334.1	5.0	308.9	30.7	337.8	3.8	NA
-100211-3A Spot 294	1375	79924	35.4	18.5408	1.0	0.4001	1.6	0.0538	1.2	0.79	338.0	4.1	341.7	4.6	367.3	21.9	338.0	4.1	NA
-100211-3A Spot 33	302	77941	1.4	18.1141	1.3	0.4100	3.2	0.0539	2.9	0.91	338.4	9.6	348.9	9.5	419.6	30.0	338.4	9.6	NA
-100211-3A Spot 168	143	1199612	1.2	18.9369	1.3	0.3931	1.8	0.0540	1.2	0.67	339.2	4.0	336.7	5.2	319.5	30.3	339.2	4.0	NA
-100211-3A Spot 304	199	99149	3.5	18.4179	1.3	0.4050	1.9	0.0541	1.5	0.76	339.8	4.8	345.3	5.6	382.3	28.2	339.8	4.8	NA
-100211-3A Spot 243	149	81838	1.2	18.3642	1.5	0.4078	1.9	0.0543	1.2	0.62	341.1	3.9	347.3	5.5	388.9	33.3	341.1	3.9	NA
-100211-3A Spot 176	424	35167	1.4	18.3215	1.1	0.4090	1.6	0.0544	1.1	0.71	341.3	3.7	348.2	4.6	394.1	24.7	341.3	3.7	NA
-100211-3A Spot 214	981	24242	0.9	18.2106	1.0	0.4164	1.7	0.0550	1.3	0.78	345.3	4.4	353.5	5.0	407.7	23.4	345.3	4.4	NA
-100211-3A Spot 237	119	70423	1.8	16.2406	1.6	0.4670	2.0	0.0550	1.1	0.57	345.3	3.8	389.1	6.4	658.4	34.8	345.3	3.8	NA
-100211-3A Spot 266	1761	86020	1.2	18.6727	0.7	0.4118	1.5	0.0558	1.3	0.87	350.0	4.4	350.1	4.4	351.3	16.6	350.0	4.4	NA
-100211-3A Spot 42	438	14846	1.1	18.6746	1.0	0.4136	1.8	0.0560	1.5	0.83	351.5	5.0	351.4	5.2	351.1	22.3	351.5	5.0	NA
-100211-3A Spot 178	186	9868	1.5	18.5559	1.3	0.4195	1.6	0.0565	1.0	0.60	354.2	3.4	355.7	4.9	365.5	29.1	354.2	3.4	NA
-100211-3A Spot 205	83	8052	1.0	18.1689	2.6	0.4299	3.0	0.0567	1.4	0.48	355.4	4.9	363.1	9.0	412.8	57.9	355.4	4.9	NA
-100211-3A Spot 160	413	420	3.3	10.1396	12.0	0.7823	12.3	0.0576	2.5	0.21	360.7	8.9	586.8	54.7	1597.4	224.5	360.7	8.9	NA
-100211-3A Spot 105	199	7971	1.8	13.4110	3.1	0.5965	3.5	0.0580	1.6	0.45	363.7	5.6	475.0	13.3	1056.0	63.2	363.7	5.6	NA
-100211-3A Spot 1	1020	33469	1.1	18.0967	1.5	0.4423	2.1	0.0581	1.4	0.69	363.9	5.1	371.9	6.5	421.7	33.5	363.9	5.1	NA
-100211-3A Spot 233	219	51504	1.6	18.7892	1.0	0.4281	1.8	0.0584	1.5	0.82	365.7	5.2	361.8	5.4	337.3	23.0	365.7	5.2	NA
-100211-3A Spot 131	1306	94290	0.7	17.3825	0.8	0.4638	1.6	0.0585	1.3	0.85	366.5	4.8	386.9	5.1	510.9	18.5	366.5	4.8	NA
-100211-3A Spot 196	400	13234	1.7	16.6653	1.5	0.4845	1.8	0.0586	1.1	0.61	367.0	4.0	401.1	6.1	602.8	31.4	367.0	4.0	NA
-100211-3A Spot 182	2181	72918	1.0	18.2495	1.0	0.4431	1.6	0.0587	1.2	0.78	367.5	4.4	372.4	4.9	402.9	22.2	367.5	4.4	NA
-100211-3A Spot 202	360	16758	1.2	17.1736	2.1	0.4741	2.3	0.0591	1.1	0.49	370.0	4.1	394.0	7.7	537.5	44.9	370.0	4.1	NA
-100211-3A Spot 85	452	36544	1.1	18.3371	1.0	0.4468	2.1	0.0594	1.8	0.87	372.3	6.6	375.0	6.5	392.2	22.9	372.3	6.6	NA
-100211-3A Spot 301	799	60964	1.7	18.1164	1.0	0.4526	1.8	0.0595	1.5	0.85	372.5	5.5	379.1	5.7	419.3	21.4	372.5	5.5	NA
-100211-3A Spot 252	665	62866	1.9	18.4185	0.8	0.4518	1.5	0.0604	1.3	0.86	378.0	4.8	378.6	4.8	382.2	17.5	378.0	4.8	NA
-100211-3A Spot 45	533	18647	2.8	17.4289	2.0	0.4788	2.7	0.0605	1.8	0.68	378.9	6.8	397.2	9.0	505.1	44.4	378.9	6.8	NA
-100211-3A Spot 6	1242	22826	6.5	15.9192	0.9	0.5247	1.7	0.0606	1.5	0.87	379.3	5.6	428.3	6.1	701.1	18.4	379.3	5.6	NA
-100211-3A Spot 20	246	39451	1.8	17.2848	2.1	0.4862	2.5	0.0610	1.3	0.53	381.6	4.9	402.3	8.2	523.3	46.2	381.6	4.9	NA
-100211-3A Spot 274	1481	77992	1.0	17.1163	1.3	0.4913	2.0	0.0610	1.5	0.76	381.8	5.5	405.8	6.5	544.7	27.7	381.8	5.5	NA
-100211-3A Spot 249	144	4638	1.6	19.3284	1.1	0.4401	1.7	0.0617	1.3	0.76	386.1	5.0	370.3	5.4	272.8	26.0	386.1	5.0	NA
-100211-3A Spot 73	287	59777	1.7	17.0974	1.1	0.4994	1.5	0.0620	1.0	0.69	387.5	3.9	411.3	5.1	547.2	23.9	387.5	3.9	NA
-100211-3A Spot 279	216	6507	2.5	18.0668	2.4	0.4744	2.6	0.0622	1.0	0.39	389.0	3.8	394.3	8.4	425.4	53.1	389.0	3.8	NA
-100211-3A Spot 36	428	25110	1.2	16.6004	2.1	0.5165	2.5	0.0622	1.3	0.54	389.0	5.0	422.8	8.5	611.2	45.0	389.0	5.0	NA
-100211-3A Spot 225	694	61804	2.2	17.9913	0.9	0.4776	1.5	0.0624	1.2	0.82	389.9	4.7	396.4	4.9	434.7	19.0	389.9	4.7	NA
-100211-3A Spot 264	631	34278	1.7	17.8371	0.8	0.4833	1.7	0.0626	1.5	0.88	391.1	5.5	400.3	5.5	453.9	17.6	391.1	5.5	NA

-100211-3A Spot 60	132	6832	2.7	17.1540	1.6	0.5028	1.9	0.0626	1.0	0.52	391.3	3.7	413.6	6.4	539.9	35.1	391.3	3.7	NA
-100211-3A Spot 70	169	17783	0.7	18.1912	1.5	0.4770	1.8	0.0630	1.1	0.58	393.6	4.1	396.0	6.0	410.1	33.3	393.6	4.1	NA
-100211-3A Spot 224	709	60780	1.7	17.9041	1.3	0.4861	1.8	0.0632	1.3	0.69	394.8	4.8	402.3	6.1	445.6	29.5	394.8	4.8	NA
-100211-3A Spot 285	477	17401	1.1	18.0004	0.8	0.4857	1.5	0.0634	1.3	0.85	396.5	5.0	402.0	5.1	433.6	18.3	396.5	5.0	NA
-100211-3A Spot 112	104	5653	1.6	17.0220	1.7	0.5151	2.0	0.0636	1.1	0.56	397.6	4.3	421.9	6.9	556.8	36.0	397.6	4.3	NA
-100211-3A Spot 52	525	26856	1.7	18.3627	1.0	0.4799	1.3	0.0639	0.8	0.65	399.5	3.3	398.0	4.3	389.1	22.3	399.5	3.3	NA
-100211-3A Spot 290	220	33124	1.8	16.7406	2.0	0.5264	2.2	0.0639	1.0	0.46	399.5	4.0	429.4	7.7	593.1	42.6	399.5	4.0	NA
-100211-3A Spot 125	735	19620	1.5	18.1981	0.9	0.4845	1.5	0.0640	1.2	0.81	399.8	4.8	401.2	5.1	409.2	20.2	399.8	4.8	NA
-100211-3A Spot 78	135	78768	1.5	17.8960	1.3	0.4930	1.8	0.0640	1.2	0.68	400.0	4.7	407.0	6.0	446.6	29.4	400.0	4.7	89.6
-100211-3A Spot 291	552	23251	1.9	17.5558	1.0	0.5033	2.0	0.0641	1.7	0.85	400.6	6.6	413.9	6.8	489.1	23.1	400.6	6.6	81.9
-100211-3A Spot 186	187	9450	2.5	18.2905	1.8	0.4836	2.3	0.0642	1.4	0.63	401.0	5.6	400.6	7.5	397.9	39.6	401.0	5.6	100.8
-100211-3A Spot 280	346	640537	1.1	17.9128	1.1	0.5085	1.6	0.0661	1.2	0.74	412.6	4.7	417.5	5.5	444.5	24.0	412.6	4.7	92.8
-100211-3A Spot 145	950	136400	2.4	18.1809	0.7	0.5072	1.2	0.0669	0.9	0.80	417.5	3.7	416.6	3.9	411.3	15.4	417.5	3.7	101.5
-100211-3A Spot 25	381	33974	1.4	17.9545	1.0	0.5162	1.6	0.0673	1.2	0.76	419.6	4.9	422.6	5.5	439.3	22.8	419.6	4.9	95.5
-100211-3A Spot 273	977	103735	13.9	17.9493	1.0	0.5177	1.9	0.0674	1.6	0.86	420.6	6.5	423.6	6.4	439.9	21.2	420.6	6.5	95.6
-100211-3A Spot 53	899	34008	1.6	17.7482	1.0	0.5236	1.5	0.0674	1.1	0.72	420.6	4.4	427.5	5.3	465.0	23.2	420.6	4.4	90.5
-100211-3A Spot 183	210	79047	1.9	18.0596	0.9	0.5152	1.3	0.0675	0.9	0.70	421.1	3.7	421.9	4.5	426.3	20.7	421.1	3.7	98.8
-100211-3A Spot 275	439	19224	0.7	17.9771	1.1	0.5205	1.4	0.0679	0.9	0.62	423.5	3.5	425.5	4.8	436.5	24.1	423.5	3.5	97.0
-100211-3A Spot 162	1303	42499	1.2	17.9410	1.0	0.5277	1.5	0.0687	1.1	0.75	428.3	4.7	430.3	5.3	441.0	22.3	428.3	4.7	97.1
-100211-3A Spot 120	664	48160	1.9	17.7637	0.7	0.5329	1.6	0.0687	1.5	0.91	428.3	6.2	433.8	5.8	463.1	14.7	428.3	6.2	92.5
-100211-3A Spot 54	803	66608	2.8	17.6457	0.7	0.5369	1.4	0.0687	1.2	0.86	428.6	5.1	436.4	5.1	477.8	16.2	428.6	5.1	89.7
-100211-3A Spot 296	394	31665	2.8	17.9831	1.1	0.5276	1.8	0.0688	1.4	0.78	429.1	5.7	430.2	6.2	435.8	24.3	429.1	5.7	98.5
-100211-3A Spot 254	111	8356	2.6	17.9433	1.8	0.5320	2.2	0.0693	1.2	0.57	431.7	5.2	433.1	7.7	440.7	40.2	431.7	5.2	98.0
-100211-3A Spot 108	341	78456	1.1	17.6992	0.9	0.5403	1.6	0.0694	1.3	0.82	432.4	5.6	438.6	5.9	471.1	21.0	432.4	5.6	91.8
-100211-3A Spot 161	366	34524	1.2	17.8827	0.9	0.5358	1.6	0.0695	1.3	0.80	433.3	5.3	435.7	5.5	448.2	20.7	433.3	5.3	96.7
-100211-3A Spot 61	304	25923	2.5	17.9100	1.3	0.5354	2.0	0.0696	1.6	0.78	433.6	6.6	435.4	7.1	444.8	27.8	433.6	6.6	97.5
-100211-3A Spot 263	680	42962	1.6	17.9374	0.8	0.5366	1.4	0.0698	1.1	0.79	435.2	4.6	436.2	4.9	441.4	18.6	435.2	4.6	98.6
-100211-3A Spot 314	502	528392	3.8	17.9004	1.0	0.5389	1.7	0.0700	1.4	0.81	436.2	5.8	437.7	6.0	446.0	21.8	436.2	5.8	97.8
-100211-3A Spot 247	1014	196974	15.6	18.0927	0.7	0.5358	1.4	0.0703	1.3	0.87	438.2	5.3	435.6	5.1	422.2	15.6	438.2	5.3	103.8
-100211-3A Spot 180	389	63751	1.0	17.8459	1.1	0.5474	1.6	0.0709	1.2	0.74	441.5	5.0	443.3	5.8	452.8	24.1	441.5	5.0	97.5
-100211-3A Spot 157	1050	235301	1.8	17.9225	0.9	0.5459	1.4	0.0710	1.1	0.79	442.1	4.8	442.3	5.1	443.3	19.2	442.1	4.8	99.7
-100211-3A Spot 206	1008	145861	1.4	17.7376	1.0	0.5527	1.8	0.0711	1.5	0.83	443.0	6.5	446.8	6.7	466.3	23.0	443.0	6.5	95.0
-100211-3A Spot 83	522	43663	4.2	17.7334	0.9	0.5530	1.5	0.0712	1.2	0.79	443.1	5.0	447.0	5.4	466.8	20.4	443.1	5.0	94.9
-100211-3A Spot 174	288	18431	1.2	18.0136	1.2	0.5453	2.2	0.0713	1.8	0.84	443.8	7.7	441.9	7.7	432.0	26.4	443.8	7.7	102.7
-100211-3A Spot 300	280	113694	1.7	17.7618	1.2	0.5543	2.0	0.0714	1.6	0.80	444.8	7.0	447.8	7.4	463.3	27.3	444.8	7.0	96.0
-100211-3A Spot 312	602	81776	0.9	17.3429	1.1	0.5681	1.9	0.0715	1.5	0.80	445.1	6.5	456.8	6.9	515.9	24.8	445.1	6.5	86.3
-100211-3A Spot 111	813	146857	1.2	17.8348	0.8	0.5527	1.5	0.0715	1.2	0.82	445.3	5.3	446.7	5.4	454.2	18.8	445.3	5.3	98.0
-100211-3A Spot 68	461	43444	2.1	17.8241	0.9	0.5535	1.3	0.0716	1.0	0.76	445.7	4.4	447.3	4.8	455.5	19.3	445.7	4.4	97.8
-100211-3A Spot 189	342	114708	2.5	17.7222	1.1	0.5624	1.6	0.0723	1.1	0.72	450.1	5.0	453.1	5.8	468.2	24.6	450.1	5.0	96.1
-100211-3A Spot 149	751	58787	3.5	17.1732	0.7	0.5824	1.7	0.0726	1.5	0.91	451.6	6.7	466.0	6.4	537.5	15.8	451.6	6.7	84.0
-100211-3A Spot 187	472	52918	3.8	17.9972	0.8	0.5583	1.7	0.0729	1.5	0.88	453.6	6.4	450.4	6.0	434.0	17.8	453.6	6.4	104.5
-100211-3A Spot 222	306	19177	1.0	17.1660	1.3	0.5863	1.7	0.0730	1.1	0.66	454.4	4.9	468.5	6.4	538.4	27.8	454.4	4.9	84.4
-100211-3A Spot 164	345	41513	2.8	17.6769	1.1	0.5725	1.6	0.0734	1.2	0.75	456.7	5.4	459.6	6.0	473.9	23.5	456.7	5.4	96.4
-100211-3A Spot 76	319	14325	1.1	17.7578	1.0	0.5707	1.6	0.0735	1.2	0.75	457.4	5.2	458.5	5.8	463.8	22.9	457.4	5.2	98.6
-100211-3A Spot 173	695	42636	2.6	17.7519	0.7	0.5729	1.4	0.0738	1.2	0.86	458.9	5.3	459.9	5.2	464.5	16.0	458.9	5.3	98.8
-100211-3A Spot 101	580	23764	1.1	17.7790	0.8	0.5721	1.5	0.0738	1.3	0.85	459.1	5.6	459.4	5.5	461.1	17.4	459.1	5.6	99.6
-100211-3A Spot 2	521	10136	2.0	17.0127	1.0	0.5987	1.9	0.0739	1.6	0.83	459.6	6.9	476.4	7.1	558.0	22.8	459.6	6.9	82.4
-100211-3A Spot 208	456	29047	1.5	17.7258	1.0	0.5752	1.8	0.0740	1.5	0.84	460.1	6.7	461.4	6.7	467.7	21.7	460.1	6.7	98.4
-100211-3A Spot 288	724	64116	1.9	17.7900	0.9	0.5800	1.6	0.0749	1.3	0.82	465.4	6.0	464.4	6.1	459.7	20.5	465.4	6.0	101.2
-100211-3A Spot 62	365	87551	1.3	17.8079	0.9	0.5818	1.7	0.0752	1.4	0.85	467.3	6.3	465.6	6.2	457.5	19.6	467.3	6.3	102.1
-100211-3A Spot 267	225	67634	2.4	17.0242	1.1	0.6474	1.9	0.0800	1.6	0.81	495.9	7.4	506.9	7.7	556.5	24.6	495.9	7.4	89.1
-100211-3A Spot 212	338	250954	5.3	17.6151	1.2	0.6322	1.9	0.0808	1.5	0.77	500.9	7.1	497.5	7.5	481.6	26.9	500.9	7.1	104.0
-100211-3A Spot 216	653	58009	1.7	17.3114	1.2	0.6440	3.2	0.0809	2.9	0.93	501.4	14.1	504.8	12.5	519.9	26.1	501.4	14.1	96.5
-100211-3A Spot 88	1156	213644	20.2	17.5533	0.5	0.6438	1.2	0.0820	1.1	0.90	508.0	5.2	504.6	4.7	489.4	11.6	508.0	5.2	103.8
-100211-3A Spot 119	471	37813	2.8	17.0704	0.9	0.6760	1.6	0.0837	1.3	0.83	518.3	6.5	524.3	6.5	550.6	19.4	518.3	6.5	94.1

-100211-3A Spot 185	427	81462	3.3	16.8993	1.0	0.7031	1.5	0.0862	1.1	0.76	533.1	5.9	540.6	6.3	572.6	21.5	533.1	5.9	93.1
-100211-3A Spot 127	787	310320	6.4	17.2363	0.8	0.7093	1.4	0.0887	1.1	0.79	547.9	5.7	544.3	5.7	529.5	18.1	547.9	5.7	103.5
-100211-3A Spot 133	875	286302	1.9	17.1235	0.8	0.7268	1.4	0.0903	1.1	0.82	557.3	6.1	554.7	6.0	543.8	17.7	557.3	6.1	102.5
-100211-3A Spot 235	189	51551	2.1	16.2660	1.0	0.7858	1.5	0.0927	1.2	0.76	571.7	6.4	588.8	6.9	655.1	21.4	571.7	6.4	87.3
-100211-3A Spot 238	1132	98279	1.4	16.6015	0.9	0.7757	1.6	0.0934	1.3	0.83	575.8	7.1	583.0	6.9	611.1	18.8	575.8	7.1	94.2
-100211-3A Spot 21	143	67521	1.6	15.9759	1.0	0.8067	1.4	0.0935	0.9	0.66	576.3	5.0	600.6	6.2	693.5	21.8	576.3	5.0	83.1
-100211-3A Spot 284	133	8478	0.9	15.9687	1.1	0.8215	1.7	0.0952	1.3	0.76	586.1	7.2	608.9	7.8	694.5	23.8	586.1	7.2	84.4
-100211-3A Spot 231	559	495640	128.8	16.0628	0.9	0.8549	1.7	0.0996	1.5	0.86	612.3	8.6	627.3	8.1	681.9	19.1	612.3	8.6	89.8
-100211-3A Spot 64	211	48233	6.7	15.8919	0.9	0.8789	1.5	0.1013	1.2	0.79	622.3	7.2	640.4	7.3	704.8	19.8	622.3	7.2	88.3
-100211-3A Spot 67	425	72344	3.4	15.5355	1.4	0.9047	3.9	0.1020	3.7	0.93	626.0	22.0	654.2	19.0	752.8	30.2	626.0	22.0	83.2
-100211-3A Spot 71	511	47015	2.4	16.3305	0.7	0.8982	1.4	0.1064	1.2	0.85	652.0	7.4	650.8	6.7	646.6	15.6	652.0	7.4	100.8
-100211-3A Spot 184	206	194107	0.8	15.6310	1.5	0.9462	2.0	0.1073	1.3	0.64	657.1	7.9	676.1	9.7	739.9	31.8	657.1	7.9	88.8
-100211-3A Spot 41	310	41984	4.1	15.6213	1.0	0.9707	1.8	0.1100	1.5	0.84	672.9	9.8	688.8	9.1	741.2	20.5	672.9	9.8	90.8
-100211-3A Spot 283	463	406485	14.6	15.9364	0.8	0.9568	1.4	0.1106	1.1	0.82	676.4	7.3	681.6	6.9	698.8	16.7	676.4	7.3	96.8
-100211-3A Spot 81	322	164120	21.3	15.8289	1.2	0.9774	2.1	0.1123	1.8	0.83	685.9	11.5	692.3	10.6	713.2	25.1	685.9	11.5	96.2
-100211-3A Spot 129	303	577908	1.5	14.7622	0.7	1.1683	1.4	0.1251	1.3	0.87	760.1	9.0	785.9	7.9	859.7	14.7	760.1	9.0	88.4
-100211-3A Spot 250	145	21097	0.5	15.1198	1.0	1.1571	2.2	0.1269	2.0	0.90	770.4	14.6	780.6	12.2	809.9	20.2	770.4	14.6	95.1
-100211-3A Spot 106	287	56379	0.8	15.0867	0.9	1.1672	1.5	0.1278	1.2	0.78	775.1	8.4	785.3	8.1	814.5	19.4	775.1	8.4	95.2
-100211-3A Spot 5	942	24811	3.3	14.8870	0.9	1.1944	1.3	0.1290	1.0	0.73	782.3	7.2	798.0	7.4	842.2	19.0	782.3	7.2	92.9
-100211-3A Spot 38	186	35286	0.8	14.9926	0.9	1.1962	1.8	0.1301	1.5	0.85	788.6	11.4	798.8	9.9	827.5	19.5	788.6	11.4	95.3
-100211-3A Spot 14	83	38130	4.5	15.2011	1.0	1.1866	2.1	0.1309	1.9	0.88	792.9	13.9	794.4	11.7	798.6	21.4	792.9	13.9	99.3
-100211-3A Spot 286	705	310570	2.2	14.9286	0.7	1.2126	1.6	0.1313	1.4	0.90	795.5	10.7	806.4	8.9	836.4	14.7	795.5	10.7	95.1
-100211-3A Spot 242	218	36579	1.5	15.0003	0.9	1.2245	1.4	0.1333	1.1	0.75	806.5	8.2	811.8	8.0	826.4	19.8	806.5	8.2	97.6
-100211-3A Spot 166	229	101366	1.4	15.1048	0.7	1.2172	1.3	0.1334	1.1	0.84	807.3	8.2	808.5	7.2	811.9	14.9	807.3	8.2	99.4
-100211-3A Spot 75	181	94653	1.4	14.6367	1.0	1.2599	1.4	0.1338	1.0	0.69	809.5	7.6	827.9	8.1	877.4	21.4	809.5	7.6	92.3
-100211-3A Spot 154	214	21826	2.2	15.2565	0.9	1.2155	1.7	0.1346	1.4	0.84	813.8	11.0	807.7	9.6	791.0	19.7	813.8	11.0	102.9
-100211-3A Spot 313	292	34207	1.2	15.0823	0.8	1.2454	1.7	0.1363	1.4	0.86	823.7	11.1	821.3	9.4	815.1	17.6	823.7	11.1	101.1
-100211-3A Spot 203	423	69906	1.1	14.6786	0.8	1.3179	1.4	0.1404	1.1	0.82	846.7	8.8	853.6	7.8	871.5	16.1	846.7	8.8	97.2
-100211-3A Spot 209	826	62986	3.3	14.6437	0.9	1.3331	1.6	0.1416	1.3	0.84	853.9	10.6	860.2	9.2	876.4	17.8	853.9	10.6	97.4
-100211-3A Spot 276	169	49285	2.0	14.7673	0.8	1.3222	1.2	0.1417	0.9	0.76	854.1	7.2	855.5	6.9	859.0	16.1	854.1	7.2	99.4
-100211-3A Spot 200	746	102766	2.6	14.2883	0.7	1.5047	1.4	0.1560	1.2	0.86	934.5	10.8	932.3	8.8	927.1	15.0	927.1	15.0	100.8
-100211-3A Spot 151	71	68455	0.4	14.2785	1.3	1.5438	1.8	0.1599	1.3	0.69	956.4	11.3	948.0	11.3	928.5	27.2	928.5	27.2	103.0
-100211-3A Spot 87	793	94980	27.0	14.2782	0.7	1.5136	1.4	0.1568	1.3	0.88	939.0	11.0	935.9	8.7	928.6	13.6	928.6	13.6	101.1
-100211-3A Spot 268	252	26593	2.8	14.1157	0.9	1.5595	1.6	0.1597	1.4	0.83	955.3	12.0	954.3	10.1	952.0	18.7	952.0	18.7	100.3
-100211-3A Spot 230	118	24588	1.6	14.0171	1.1	1.5454	1.6	0.1572	1.2	0.74	941.1	10.4	948.7	9.9	966.3	22.2	966.3	22.2	97.4
-100211-3A Spot 239	387	68251	0.6	13.9464	0.9	1.3934	1.8	0.1410	1.6	0.87	850.3	12.5	886.1	10.7	976.6	18.4	976.6	18.4	87.1
-100211-3A Spot 93	499	100282	6.3	13.8805	0.8	1.5852	1.6	0.1597	1.4	0.88	954.9	12.7	964.4	10.2	986.3	15.9	986.3	15.9	96.8
-100211-3A Spot 244	270	65584	1.3	13.8215	0.7	1.7330	1.2	0.1738	1.0	0.84	1033.0	9.7	1020.9	7.8	994.9	13.5	994.9	13.5	103.8
-100211-3A Spot 140	1051	132148	4.9	13.8063	0.8	1.6219	2.0	0.1625	1.8	0.91	970.5	16.1	978.7	12.4	997.2	16.9	997.2	16.9	97.3
-100211-3A Spot 309	247	23134	1.4	13.8040	1.0	1.5316	1.5	0.1534	1.1	0.74	920.0	9.8	943.2	9.5	997.5	21.1	997.5	21.1	92.2
-100211-3A Spot 311	209	32239	4.4	13.7813	1.0	1.6665	1.6	0.1666	1.3	0.78	993.6	11.8	995.8	10.4	1000.8	20.6	1000.8	20.6	99.3
-100211-3A Spot 46	1131	441221	3.6	13.6725	0.8	1.7097	1.5	0.1696	1.3	0.85	1010.0	12.0	1012.2	9.7	1016.9	16.0	1016.9	16.0	99.3
-100211-3A Spot 96	571	87736	8.0	13.5283	0.8	1.7473	1.6	0.1715	1.4	0.88	1020.5	13.3	1026.2	10.3	1038.4	15.4	1038.4	15.4	98.3
-100211-3A Spot 262	377	800416	1.3	13.4284	0.9	1.7507	1.4	0.1706	1.1	0.78	1015.3	10.3	1027.4	9.1	1053.3	18.0	1053.3	18.0	96.4
-100211-3A Spot 124	163	16127	1.2	13.3933	1.3	1.6917	1.9	0.1644	1.4	0.71	981.2	12.5	1005.4	12.2	1058.6	27.1	1058.6	27.1	92.7
-100211-3A Spot 138	76	826898	1.4	13.2287	1.3	1.7743	1.9	0.1703	1.3	0.69	1013.8	12.2	1036.1	12.1	1083.4	26.9	1083.4	26.9	93.6
-100211-3A Spot 213	199	397885	1.8	13.2153	0.9	1.7915	1.5	0.1718	1.2	0.80	1022.0	11.7	1042.4	10.0	1085.5	18.3	1085.5	18.3	94.1
-100211-3A Spot 115	137	35022	0.9	13.1884	1.2	1.8283	1.7	0.1750	1.3	0.73	1039.4	12.2	1055.7	11.3	1089.5	23.5	1089.5	23.5	95.4
-100211-3A Spot 270	519	105274	3.8	13.1673	0.9	1.9426	1.6	0.1856	1.3	0.83	1097.5	13.4	1095.9	10.7	1092.8	18.0	1092.8	18.0	100.4
-100211-3A Spot 278	112	25167	2.6	13.0596	1.0	1.9832	1.6	0.1879	1.2	0.77	1110.1	12.4	1109.8	10.7	1109.2	20.1	1109.2	20.1	100.1
-100211-3A Spot 201	300	104203	3.4	12.9908	1.0	1.9576	1.4	0.1845	1.1	0.74	1091.6	10.6	1101.0	9.6	1119.7	19.1	1119.7	19.1	97.5
-100211-3A Spot 104	473	74757	15.8	12.9011	0.8	2.0370	1.5	0.1907	1.3	0.84	1125.1	13.1	1128.0	10.2	1133.6	16.1	1133.6	16.1	99.2
-100211-3A Spot 40	1513	21399	1.8	12.5127	1.9	2.0333	2.4	0.1846	1.5	0.62	1092.1	15.1	1126.7	16.5	1194.1	37.6	1194.1	37.6	91.5
-100211-3A Spot 195	78	17207	1.9	12.3122	1.2	2.4116	1.8	0.2154	1.4	0.74	1257.7	15.5	1246.1	13.2	1225.9	24.4	1225.9	24.4	102.6
-100211-3A Spot 10	154	75706	3.1	12.1408	0.9	2.3518	1.8	0.2072	1.5	0.85	1213.8	17.0	1228.1	12.8	1253.4	18.4	1253.4	18.4	96.8

-100211-3A Spot 17	51	7973	6.4	11.6333	1.5	2.4121	2.6	0.2036	2.1	0.82	1194.7	23.3	1246.2	18.7	1336.4	28.7	1336.4	28.7	89.4
-100211-3A Spot 194	629	350373	1.4	11.6219	0.7	2.8426	1.5	0.2397	1.4	0.89	1385.2	17.0	1366.9	11.5	1338.3	13.4	1338.3	13.4	103.5
-100211-3A Spot 142	285	83569	4.0	11.3890	0.9	2.7127	1.4	0.2242	1.0	0.75	1303.9	12.2	1331.9	10.2	1377.3	17.5	1377.3	17.5	94.7
-100211-3A Spot 117	154	110146	2.2	10.9467	0.9	2.8593	2.0	0.2271	1.7	0.89	1319.3	20.8	1371.3	14.8	1453.1	17.3	1453.1	17.3	90.8
-100211-3A Spot 175	265	329207	2.6	10.5180	1.0	2.7995	2.2	0.2137	1.9	0.88	1248.3	21.7	1355.4	16.3	1528.7	19.4	1528.7	19.4	81.7
-100211-3A Spot 177	253	170691	1.2	10.2446	0.8	3.7095	1.3	0.2757	1.1	0.82	1569.9	15.1	1573.4	10.6	1578.2	14.1	1578.2	14.1	99.5
-100211-3A Spot 15	148	27154	1.7	10.0410	0.7	3.9359	1.2	0.2868	1.0	0.80	1625.3	14.1	1621.1	10.0	1615.6	13.9	1615.6	13.9	100.6
-100211-3A Spot 198	267	69108	0.8	9.7164	0.5	4.3665	1.1	0.3078	1.0	0.87	1730.1	14.4	1706.0	9.1	1676.6	10.1	1676.6	10.1	103.2
-100211-3A Spot 197	206	47919	0.7	9.6091	2.0	4.1810	2.2	0.2915	0.9	0.41	1649.0	13.3	1670.3	18.2	1697.1	37.2	1697.1	37.2	97.2
-100211-3A Spot 116	457	135332	10.0	9.4992	0.8	4.4437	1.5	0.3063	1.3	0.84	1722.4	19.4	1720.5	12.6	1718.3	15.1	1718.3	15.1	100.2
-100211-3A Spot 199	769	105647	5.5	9.4472	0.9	4.2792	1.6	0.2933	1.3	0.84	1658.1	19.7	1689.4	13.1	1728.3	15.8	1728.3	15.8	95.9
-100211-3A Spot 193	525	596539	4.5	9.3298	0.7	4.2489	1.6	0.2876	1.5	0.90	1629.7	21.2	1683.5	13.5	1751.2	13.2	1751.2	13.2	93.1
-100211-3A Spot 153	719	134284	3.8	9.3222	1.0	4.6249	1.5	0.3128	1.2	0.78	1754.6	18.1	1753.8	12.7	1752.7	17.5	1752.7	17.5	100.1
-100211-3A Spot 59	37	12319	0.9	9.2267	1.1	4.7194	1.8	0.3159	1.3	0.77	1769.9	20.8	1770.7	14.7	1771.6	20.6	1771.6	20.6	99.9
-100211-3A Spot 150	335	322785	2.0	9.2088	0.9	4.9979	1.6	0.3339	1.3	0.83	1857.5	21.7	1819.0	13.6	1775.1	16.3	1775.1	16.3	104.6
-100211-3A Spot 134	594	535592	5.8	9.2074	0.8	4.3181	1.9	0.2885	1.8	0.91	1633.9	25.7	1696.8	16.0	1775.4	14.5	1775.4	14.5	92.0
-100211-3A Spot 72	247	49642	1.5	9.1282	0.8	5.0773	1.3	0.3363	1.0	0.80	1868.8	16.9	1832.3	11.0	1791.1	14.2	1791.1	14.2	104.3
-100211-3A Spot 207	441	4607044	1.4	8.9401	0.9	5.3215	1.4	0.3452	1.1	0.76	1911.6	18.0	1872.3	12.2	1829.0	16.7	1829.0	16.7	104.5
-100211-3A Spot 155	503	2647702	5.8	8.8534	0.9	5.0365	2.0	0.3235	1.8	0.90	1807.0	28.9	1825.5	17.2	1846.6	16.0	1846.6	16.0	97.9
-100211-3A Spot 167	419	129841	3.0	8.7173	1.0	5.6284	1.5	0.3560	1.2	0.78	1963.2	20.1	1920.5	13.1	1874.6	17.2	1874.6	17.2	104.7
-100211-3A Spot 251	895	165950	11.3	8.6947	1.2	4.8936	1.8	0.3087	1.4	0.78	1734.4	21.9	1801.1	15.6	1879.3	20.8	1879.3	20.8	92.3
-100211-3A Spot 23	425	71930	2.3	8.6593	0.9	5.7068	1.5	0.3586	1.2	0.79	1975.4	20.1	1932.4	12.9	1886.6	16.6	1886.6	16.6	104.7
-100211-3A Spot 92	647	190610	1.7	8.6440	0.9	5.5000	1.7	0.3450	1.4	0.84	1910.5	23.6	1900.6	14.6	1889.8	16.4	1889.8	16.4	101.1
-100211-3A Spot 9	74	39208	70.1	8.6353	0.9	5.3142	1.4	0.3330	1.1	0.78	1852.8	17.2	1871.1	11.7	1891.6	15.5	1891.6	15.5	97.9
-100211-3A Spot 144	183	157610	2.6	8.5303	0.8	5.8117	1.4	0.3597	1.2	0.82	1980.8	19.8	1948.2	12.3	1913.6	14.6	1913.6	14.6	103.5
-100211-3A Spot 34	639	122323	1.0	8.5206	0.8	5.7765	1.3	0.3571	1.1	0.80	1968.5	18.2	1942.9	11.6	1915.7	14.4	1915.7	14.4	102.8
-100211-3A Spot 44	403	1100673	1.3	8.5088	0.9	5.5469	2.0	0.3425	1.7	0.88	1898.5	28.3	1907.9	16.8	1918.1	16.5	1918.1	16.5	99.0
-100211-3A Spot 51	54	25807	1.2	8.4808	0.9	5.4157	1.5	0.3333	1.2	0.81	1854.2	19.4	1887.3	12.7	1924.0	15.4	1924.0	15.4	96.4
-100211-3A Spot 107	163	24972	1.7	8.3871	0.7	6.0160	1.3	0.3661	1.2	0.86	2011.0	19.9	1978.2	11.7	1943.9	12.3	1943.9	12.3	103.5
-100211-3A Spot 37	136	71538	1.2	8.2976	1.1	5.7354	1.7	0.3453	1.3	0.74	1912.1	20.9	1936.7	14.7	1963.1	20.3	1963.1	20.3	97.4
-100211-3A Spot 32	221	243969	3.5	7.5159	0.9	7.1584	1.6	0.3904	1.3	0.83	2124.6	23.7	2131.3	14.1	2137.9	15.6	2137.9	15.6	99.4
-100211-3A Spot 218	576	91167	2.1	7.3939	0.9	7.5431	1.9	0.4047	1.6	0.88	2190.6	30.2	2178.1	16.6	2166.4	15.5	2166.4	15.5	101.1
-100211-3A Spot 31	285	70529	2.4	6.9260	0.7	8.6728	1.5	0.4358	1.3	0.88	2332.0	25.7	2304.2	13.7	2279.7	12.4	2279.7	12.4	102.3
-100211-3A Spot 91	498	260788	1.7	6.7902	0.8	8.7062	2.2	0.4289	2.0	0.93	2300.9	39.6	2307.7	20.0	2313.7	13.8	2313.7	13.8	99.4
-100211-3A Spot 27	137	268001	3.2	6.7688	1.4	8.4998	2.0	0.4175	1.5	0.74	2248.9	28.6	2285.9	18.6	2319.1	23.7	2319.1	23.7	97.0
-100211-3A Spot 139	234	64715	1.3	6.6522	0.9	9.2574	1.4	0.4468	1.0	0.73	2381.1	19.6	2363.8	12.4	2348.9	15.9	2348.9	15.9	101.4
-100211-3A Spot 69	475	154381	2.0	6.5821	1.2	8.6486	2.1	0.4130	1.7	0.83	2228.8	32.3	2301.7	18.9	2367.0	20.0	2367.0	20.0	94.2
-100211-3A Spot 84	1205	207498	10.7	6.3384	3.1	8.5528	3.4	0.3933	1.3	0.40	2138.3	24.3	2291.5	30.5	2431.1	52.2	2431.1	52.2	88.0
-100211-3A Spot 299	559	602839	1.2	6.2488	0.7	9.6079	1.5	0.4356	1.3	0.86	2331.0	24.5	2397.9	13.4	2455.2	12.6	2455.2	12.6	94.9
-100211-3A Spot 95	253	175538	2.2	6.2487	0.8	10.0621	1.6	0.4562	1.3	0.86	2422.8	27.3	2440.5	14.5	2455.3	13.7	2455.3	13.7	98.7
-100211-3A Spot 126	40	22489	0.3	6.1138	1.0	10.7901	1.6	0.4787	1.2	0.77	2521.4	25.3	2505.2	14.7	2492.1	17.0	2492.1	17.0	101.2
-100211-3A Spot 143	137	57899	1.7	5.9072	0.6	10.8712	1.6	0.4660	1.5	0.92	2465.8	30.5	2512.2	15.1	2549.8	10.8	2549.8	10.8	96.7
Rejected Analyses																			
~~-100211-3A Spot 50~~	~~450~~	~~1236~~	~~1.3~~	~~7.2825~~	~~14.4~~	~~1.3476~~	~~15.0~~	~~0.0712~~	~~4.3~~	~~0.29~~	~~443.4~~	~~18.4~~	~~866.5~~	~~87.7~~	~~2192.9~~	~~251.6~~	~~2192.9~~	~~251.6~~	~~20.2~~
~~-100211-3A Spot 236~~	~~137~~	~~1393~~	~~0.8~~	~~7.6819~~	~~14.9~~	~~1.3703~~	~~15.4~~	~~0.0764~~	~~4.1~~	~~0.27~~	~~474.5~~	~~18.7~~	~~876.3~~	~~90.7~~	~~2099.6~~	~~262.5~~	~~2099.6~~	~~262.5~~	~~22.6~~
~~-100211-3A Spot 141~~	~~364~~	~~1198~~	~~1.6~~	~~8.1499~~	~~8.3~~	~~1.3136~~	~~12.1~~	~~0.0777~~	~~8.9~~	~~0.73~~	~~482.2~~	~~41.1~~	~~851.7~~	~~70.1~~	~~1995.1~~	~~147.8~~	~~1995.1~~	~~147.8~~	~~24.2~~
~~-100211-3A Spot 35~~	~~944~~	~~1302~~	~~0.8~~	~~6.6286~~	~~10.7~~	~~3.6996~~	~~11.4~~	~~0.1779~~	~~3.9~~	~~0.35~~	~~1055.7~~	~~38.5~~	~~1571.3~~	~~91.6~~	~~2355.0~~	~~183.9~~	~~2355.0~~	~~183.9~~	~~44.8~~
~~-100211-3A Spot 260~~	~~21~~	~~1548~~	~~2.0~~	~~14.4495~~	~~8.1~~	~~0.6219~~	~~8.6~~	~~0.0652~~	~~2.7~~	~~0.32~~	~~407.2~~	~~10.8~~	~~491.0~~	~~33.3~~	~~904.0~~	~~167.3~~	~~407.2~~	~~10.8~~	~~45.0~~
~~-100211-3A Spot 58~~	~~856~~	~~6760~~	~~1.7~~	~~14.4952~~	~~1.1~~	~~0.6362~~	~~1.5~~	~~0.0669~~	~~1.1~~	~~0.72~~	~~417.6~~	~~4.5~~	~~500.0~~	~~6.1~~	~~897.5~~	~~22.3~~	~~417.6~~	~~4.5~~	~~46.5~~
~~-100211-3A Spot 4~~	~~538~~	~~7112~~	~~5.0~~	~~14.3516~~	~~2.3~~	~~0.6842~~	~~2.5~~	~~0.0712~~	~~0.9~~	~~0.37~~	~~443.7~~	~~3.9~~	~~529.3~~	~~10.2~~	~~918.0~~	~~47.3~~	~~443.7~~	~~3.9~~	~~48.3~~
~~-100211-3A Spot 77~~	~~364~~	~~6556~~	~~1.0~~	~~14.9467~~	~~1.1~~	~~0.6107~~	~~1.5~~	~~0.0662~~	~~1.0~~	~~0.68~~	~~413.4~~	~~4.1~~	~~484.0~~	~~5.7~~	~~833.9~~	~~22.7~~	~~413.4~~	~~4.1~~	~~49.6~~
~~-100211-3A Spot 79~~	~~1142~~	~~15921~~	~~64.2~~	~~14.1090~~	~~2.6~~	~~0.7703~~	~~3.1~~	~~0.0789~~	~~1.8~~	~~0.57~~	~~489.3~~	~~8.5~~	~~579.9~~	~~13.9~~	~~952.9~~	~~52.7~~	~~489.3~~	~~8.5~~	~~51.3~~
~~-100211-3A Spot 66~~	~~28~~	~~5211~~	~~1.3~~	~~12.5111~~	~~3.9~~	~~1.1166~~	~~4.5~~	~~0.1014~~	~~2.3~~	~~0.52~~	~~622.4~~	~~13.9~~	~~761.4~~	~~24.2~~	~~1194.4~~	~~76.1~~	~~1194.4~~	~~76.1~~	~~52.1~~
~~-100211-3A Spot 57~~	~~108~~	~~24285~~	~~1.2~~	~~14.3442~~	~~1.6~~	~~0.7619~~	~~1.9~~	~~0.0793~~	~~1.0~~	~~0.54~~	~~491.9~~	~~4.8~~	~~575.1~~	~~8.2~~	~~919.1~~	~~32.1~~	~~491.9~~	~~4.8~~	~~53.5~~

-100211-3A Spot 223	407	17165	2.3	15.1099	4.4	0.6531	4.6	0.0716	1.3	0.28	445.8	5.6	510.4	18.4	811.2	92.0	445.8	5.6	55.0
-100211-3A Spot 152	495	131141	14.3	12.1479	1.7	1.2995	4.2	0.1145	3.8	0.91	699.1	25.2	845.5	24.0	1252.2	33.9	1252.2	33.9	55.8
-100211-3A Spot 109	2004	228414	17.8	9.7400	1.4	2.2167	2.1	0.1567	1.6	0.76	938.2	13.9	1186.3	14.7	1672.1	25.1	1672.1	25.1	56.1
-100211-3A Spot 281	540	15050	2.4	15.2279	2.9	0.6794	3.2	0.0751	1.1	0.36	466.6	5.2	526.4	13.0	794.9	61.6	466.6	5.2	58.7
-100211-3A Spot 63	567	4428	1.8	11.9809	4.8	1.4434	5.0	0.1255	1.4	0.28	762.0	10.2	907.1	30.1	1279.3	93.9	1279.3	93.9	59.6
-100211-3A Spot 11	487	5720	1.6	15.8012	3.0	0.5999	3.4	0.0688	1.6	0.46	428.8	6.5	477.2	13.1	716.9	64.8	428.8	6.5	59.8
-100211-3A Spot 12	329	17009	12.0	14.1182	1.6	0.9761	1.9	0.1000	1.2	0.60	614.4	6.9	691.6	9.8	951.6	31.8	614.4	6.9	64.6
-100211-3A Spot 47	2489	37086	4.6	14.3950	0.9	0.9514	1.5	0.0994	1.2	0.82	610.7	7.1	678.8	7.4	911.8	17.6	610.7	7.1	67.0
-100211-3A Spot 310	1165	77633	7.9	9.7962	5.0	2.8138	5.2	0.2000	1.5	0.29	1175.3	15.9	1359.2	38.8	1661.5	91.8	1661.5	91.8	70.7
-100211-3A Spot 298	204	70108	23.6	15.3885	1.4	0.8011	2.0	0.0894	1.3	0.68	552.3	7.1	597.5	8.9	772.9	30.3	552.3	7.1	71.5
-100211-3A Spot 269	602	35099	1.9	16.5497	1.3	0.5940	1.7	0.0713	1.1	0.64	444.2	4.7	473.4	6.6	617.8	28.9	444.2	4.7	71.9
-100211-3A Spot 226	565	179955	13.7	7.0263	1.1	5.6593	2.2	0.2885	1.9	0.86	1634.1	27.8	1925.2	19.2	2254.9	19.4	2254.9	19.4	72.5
-100211-3A Spot 123	370	151004	2.1	16.9339	1.1	0.5435	1.9	0.0668	1.5	0.80	416.7	6.1	440.7	6.8	568.1	24.7	416.7	6.1	73.4
-100211-3A Spot 56	173	27286	11.9	5.3378	1.4	9.3892	7.2	0.3636	7.0	0.98	1999.4	120.8	2376.8	65.8	2718.2	23.3	2718.2	23.3	73.6
-100211-3A Spot 229	26	9438	2.2	14.2586	2.6	1.0883	2.9	0.1126	1.4	0.48	687.8	9.3	747.7	15.6	931.4	53.0	687.8	9.3	73.8
-100211-3A Spot 272	102	30434	2.9	6.4257	0.8	6.9718	1.2	0.3251	0.9	0.76	1814.4	14.5	2107.8	10.7	2407.9	13.3	2407.9	13.3	75.3
-100211-3A Spot 94	242	34596	0.4	15.8750	1.2	0.7596	2.2	0.0875	1.8	0.82	540.7	9.4	573.8	9.7	707.0	26.6	540.7	9.4	76.5
-100211-3A Spot 248	216	1710	1.9	5.5512	5.2	9.1868	5.6	0.3700	2.1	0.38	2029.5	37.3	2356.8	51.5	2653.4	86.3	2653.4	86.3	76.5
-100211-3A Spot 220	765	288767	10.1	13.6256	2.4	1.3133	4.8	0.1298	4.1	0.87	786.9	30.6	851.6	27.5	1023.9	48.3	1023.9	48.3	76.9
-100211-3A Spot 158	176	9573	1.7	16.6617	2.8	0.6212	5.5	0.0751	4.8	0.86	466.8	21.4	490.6	21.6	603.3	61.6	466.8	21.4	77.4
-100211-3A Spot 30	334	23743	1.4	16.6641	1.2	0.6268	1.8	0.0758	1.3	0.73	471.0	5.8	494.1	6.9	603.0	25.8	471.0	5.8	78.1
-100211-3A Spot 295	111	20668	2.9	17.3807	1.8	0.5124	2.1	0.0646	1.2	0.55	403.7	4.6	420.1	7.3	511.1	39.1	403.7	4.6	79.0
-100211-3A Spot 241	782	25270	1.6	16.8254	1.3	0.6072	2.1	0.0741	1.6	0.77	461.0	7.1	481.8	8.0	582.1	28.8	461.0	7.1	79.2
-100211-3A Spot 192	551	97759	0.8	7.4831	1.4	5.5927	3.8	0.3037	3.6	0.93	1709.5	53.8	1915.0	33.2	2145.5	24.5	2145.5	24.5	79.7
-100211-3A Spot 188	425	4557913	1.2	13.8572	0.7	1.7579	1.6	0.1767	1.5	0.90	1049.2	14.1	1030.1	10.5	989.7	14.3	989.7	14.3	106.0
-100211-3A Spot 245	850	915463	2.3	14.2272	0.9	1.6266	1.5	0.1679	1.2	0.81	1000.6	11.6	980.6	9.6	935.9	18.2	935.9	18.2	106.9
-100211-3A Spot 48	41	115199	3.0	6.7434	1.2	9.6434	3.3	0.4718	3.1	0.93	2491.6	63.2	2401.3	30.2	2325.6	20.4	2325.6	20.4	107.1
-100211-3A Spot 122	978	209959	2.2	16.0377	0.7	1.0585	1.4	0.1232	1.1	0.84	748.8	8.0	733.1	7.1	685.3	16.0	748.8	8.0	109.3
-100211-3A Spot 121	511	79820	1.6	17.9894	1.0	0.5928	1.5	0.0774	1.1	0.75	480.5	5.1	472.7	5.5	435.0	21.4	480.5	5.1	110.5
-100211-3A Spot 191	228	25907	2.4	18.5846	1.0	0.4908	1.4	0.0662	1.0	0.73	413.1	4.2	405.5	4.8	362.0	22.1	413.1	4.2	114.1
-100211-3A Spot 305	171	5233	0.7	18.5658	1.2	0.4953	1.6	0.0667	1.1	0.70	416.4	4.6	408.5	5.5	364.3	26.1	416.4	4.6	114.3
-100211-3A Spot 297	197	15884	2.4	18.4702	1.3	0.5207	1.9	0.0698	1.4	0.73	434.8	5.7	425.6	6.4	375.9	28.4	434.8	5.7	115.7
-100211-3A Spot 19	200	16121	2.1	18.4683	1.0	0.5427	1.7	0.0727	1.3	0.77	452.5	5.6	440.2	5.9	376.2	23.6	452.5	5.6	120.3
-100211-3A Spot 103	201	9948	2.3	18.8169	1.1	0.4864	1.5	0.0664	1.0	0.66	414.5	4.0	402.5	5.0	334.0	25.8	414.5	4.0	124.1
-100211-3A Spot 234	92	3564	3.6	18.4452	1.3	0.5677	2.1	0.0760	1.6	0.79	472.1	7.5	456.5	7.6	379.0	28.6	472.1	7.5	124.6
-100211-3A Spot 221	22	3217	111242.0	18.6034	3.1	0.7163	3.4	0.0967	1.6	0.46	595.0	8.9	548.5	14.6	359.7	69.0	595.0	8.9	165.4
-100211-3A Spot 210	122	763	1.4	5.3932	18.9	1.1210	19.6	0.0439	5.2	0.27	276.8	14.1	763.4	105.4	2701.2	314.6	276.8	14.1	NA

KAZBEGI

K1 (V16046D)

V16046D Spot 56	2703	58235	1.4	19.0143	0.9	0.3518	1.4	0.0485	1.1	0.79	305.6	3.3	306.1	3.8	310.3	20.0	305.6	3.3	NA
V16046D Spot 68	1027	811474	2.9	18.6982	1.1	0.3592	1.7	0.0487	1.3	0.76	306.7	3.8	311.6	4.5	348.3	24.8	306.7	3.8	NA
V16046D Spot 97	1274	79938	1.2	18.5022	1.1	0.3635	1.8	0.0488	1.4	0.77	307.1	4.2	314.8	4.9	372.0	25.8	307.1	4.2	NA
V16046D Spot 72	1223	59225	3.6	19.1481	1.1	0.3522	1.7	0.0489	1.2	0.73	308.0	3.7	306.4	4.5	294.3	26.3	308.0	3.7	NA
V16046D Spot 61	513	29932	3.5	19.0518	1.0	0.3541	1.6	0.0489	1.2	0.76	308.1	3.7	307.8	4.2	305.8	23.5	308.1	3.7	NA
V16046D Spot 93	1200	303835	6.1	18.6309	0.8	0.3641	1.4	0.0492	1.2	0.84	309.7	3.7	315.3	3.9	356.4	17.5	309.7	3.7	NA
V16046D Spot 75	819	55175	4.7	18.8951	1.3	0.3591	1.9	0.0492	1.3	0.70	309.8	3.9	311.5	5.0	324.5	30.2	309.8	3.9	NA
V16046D Spot 65	1316	83296	5.6	18.9410	0.9	0.3583	1.5	0.0492	1.1	0.77	309.8	3.4	310.9	3.9	319.1	21.3	309.8	3.4	NA
V16046D Spot 81	1135	35098	6.2	18.9455	1.2	0.3584	1.7	0.0493	1.2	0.72	310.1	3.8	311.1	4.6	318.5	27.1	310.1	3.8	NA
V16046D Spot 58	727	227251	4.1	18.9432	0.9	0.3591	1.8	0.0494	1.5	0.86	310.6	4.7	311.5	4.8	318.7	20.8	310.6	4.7	NA
V16046D Spot 64	2666	132970	3.0	18.7977	1.3	0.3623	2.3	0.0494	1.9	0.83	310.9	5.9	313.9	6.3	336.3	29.4	310.9	5.9	NA
V16046D Spot 60	837	2759579	2.5	18.7673	1.2	0.3645	1.8	0.0496	1.3	0.74	312.3	4.0	315.6	4.9	340.0	27.3	312.3	4.0	NA
V16046D Spot 77	1174	720483	4.3	18.8510	0.9	0.3632	1.4	0.0497	1.0	0.73	312.5	3.0	314.6	3.7	329.8	21.2	312.5	3.0	NA
V16046D Spot 57	870	62075	3.5	19.1644	1.3	0.3574	2.0	0.0497	1.6	0.77	312.7	4.8	310.3	5.4	292.3	29.5	312.7	4.8	NA

V16046D Spot 86	1222	97227	2.7	19.0484	0.8	0.3605	1.4	0.0498	1.2	0.84	313.4	3.7	312.6	3.9	306.2	17.9	313.4	3.7	NA
V16046D Spot 84	784	95080	4.3	19.0419	1.4	0.3607	1.8	0.0498	1.1	0.63	313.5	3.4	312.8	4.8	307.0	31.4	313.5	3.4	NA
V16046D Spot 71	1430	85207	2.2	18.9239	0.9	0.3633	1.7	0.0499	1.4	0.84	313.8	4.3	314.7	4.5	321.1	20.9	313.8	4.3	NA
V16046D Spot 92	1176	112178	4.1	19.0991	1.1	0.3607	1.5	0.0500	1.1	0.71	314.5	3.3	312.8	4.1	300.1	24.5	314.5	3.3	NA
V16046D Spot 85	947	43553	2.6	17.9876	2.0	0.3833	2.4	0.0500	1.3	0.55	314.7	4.0	329.5	6.8	435.2	44.8	314.7	4.0	NA
V16046D Spot 59	997	170243	4.1	18.9152	1.1	0.3648	1.7	0.0501	1.3	0.75	314.9	4.0	315.8	4.7	322.1	26.1	314.9	4.0	NA
V16046D Spot 67	1136	276547	3.7	18.8323	1.1	0.3665	1.6	0.0501	1.2	0.74	315.0	3.6	317.1	4.3	332.1	23.9	315.0	3.6	NA
V16046D Spot 91	1003	21505	2.8	19.2464	1.1	0.3591	1.7	0.0502	1.4	0.79	315.5	4.2	311.6	4.7	282.6	24.4	315.5	4.2	NA
V16046D Spot 96	682	18625	3.2	19.1799	1.0	0.3606	1.6	0.0502	1.3	0.78	315.7	3.9	312.7	4.3	290.4	23.2	315.7	3.9	NA
V16046D Spot 95	992	60091	3.8	18.8117	1.3	0.3678	2.0	0.0502	1.5	0.76	315.8	4.6	318.0	5.4	334.6	28.8	315.8	4.6	NA
V16046D Spot 53	551	46620	2.8	18.8840	1.5	0.3670	2.1	0.0503	1.5	0.71	316.2	4.6	317.4	5.7	325.9	33.5	316.2	4.6	NA
V16046D Spot 87	894	140045	2.9	18.6751	1.1	0.3712	1.7	0.0503	1.3	0.76	316.4	3.9	320.5	4.6	351.1	24.6	316.4	3.9	NA
V16046D Spot 88	656	1357408	1.9	18.9547	1.3	0.3658	2.1	0.0503	1.7	0.80	316.4	5.1	316.5	5.7	317.4	28.4	316.4	5.1	NA
V16046D Spot 62	175	7064	2.7	19.3580	2.0	0.3592	2.3	0.0505	1.2	0.52	317.3	3.7	311.6	6.2	269.3	44.9	317.3	3.7	NA
V16046D Spot 100	913	62899	2.4	19.0238	1.3	0.3661	2.0	0.0505	1.5	0.76	317.8	4.6	316.7	5.4	309.1	29.4	317.8	4.6	NA
V16046D Spot 70	1178	81469	2.4	19.0761	1.1	0.3653	1.7	0.0506	1.2	0.73	318.0	3.8	316.2	4.5	302.8	26.1	318.0	3.8	NA
V16046D Spot 52	1126	172654	3.3	19.0711	0.9	0.3656	1.6	0.0506	1.3	0.82	318.2	4.1	316.4	4.4	303.5	21.3	318.2	4.1	NA
V16046D Spot 79	898	131035	6.0	18.7230	1.1	0.3725	1.7	0.0506	1.3	0.76	318.2	4.0	321.5	4.7	345.3	25.1	318.2	4.0	NA
V16046D Spot 78	706	143904	4.8	19.2423	0.8	0.3626	1.4	0.0506	1.2	0.83	318.3	3.7	314.1	3.8	283.1	18.3	318.3	3.7	NA
V16046D Spot 99	1061	1091950	3.2	18.6458	1.1	0.3744	1.9	0.0507	1.5	0.80	318.5	4.6	322.9	5.1	354.6	25.0	318.5	4.6	NA
V16046D Spot 55	259	39621	2.6	18.4588	1.4	0.3815	1.9	0.0511	1.2	0.66	321.3	3.8	328.2	5.2	377.3	31.3	321.3	3.8	NA
V16046D Spot 90	257	26246	2.6	19.3202	1.6	0.3649	2.3	0.0512	1.7	0.74	321.6	5.3	315.9	6.3	273.8	35.7	321.6	5.3	NA
V16046D Spot 74	1474	26246	3.2	19.0843	1.0	0.3698	1.5	0.0512	1.2	0.77	321.9	3.6	319.5	4.1	301.9	22.0	321.9	3.6	NA
V16046D Spot 51	366	112627	3.9	19.1340	1.4	0.3709	1.9	0.0515	1.3	0.70	323.7	4.2	320.3	5.3	295.9	31.3	323.7	4.2	NA
V16046D Spot 89	930	139569	3.6	18.6209	1.0	0.3815	1.6	0.0515	1.2	0.76	324.0	3.8	328.1	4.4	357.6	23.1	324.0	3.8	NA
V16046D Spot 80	325	716870	4.2	18.6611	1.4	0.3809	1.8	0.0516	1.1	0.61	324.1	3.4	327.7	5.0	352.8	32.3	324.1	3.4	NA
V16046D Spot 63	1500	53359	2.3	19.0694	1.2	0.3740	1.7	0.0517	1.2	0.71	325.2	3.7	322.6	4.6	303.6	26.9	325.2	3.7	NA
V16046D Spot 73	329	14990	3.3	19.0442	1.6	0.3760	2.3	0.0520	1.6	0.71	326.5	5.2	324.1	6.3	306.7	36.7	326.5	5.2	NA
V16046D Spot 76	1880	84904	2.8	19.2294	0.9	0.3727	1.6	0.0520	1.3	0.83	326.8	4.2	321.7	4.4	284.6	20.3	326.8	4.2	NA
V16046D Spot 54	1242	44419	5.1	18.9689	1.0	0.3813	1.6	0.0525	1.3	0.79	329.8	4.0	328.0	4.5	315.7	22.4	329.8	4.0	NA
V16046D Spot 98	923	149041	7.7	17.4224	1.1	0.4931	1.8	0.0623	1.4	0.80	389.8	5.3	407.0	5.9	505.9	23.4	389.8	5.3	NA
V16046D Spot 82	116	7683	2.6	17.1939	3.3	0.5771	3.6	0.0720	1.5	0.41	448.2	6.5	462.6	13.6	534.8	72.7	448.2	6.5	83.8
V16046D Spot 83	1100	111110	7.7	17.1661	1.3	0.6339	1.9	0.0789	1.3	0.71	489.8	6.4	498.5	7.4	538.4	29.0	489.8	6.4	91.0
V16046D Spot 69	1296	215122	0.8	16.8125	1.0	0.6722	2.4	0.0820	2.2	0.91	508.0	10.9	522.0	10.0	583.7	21.8	508.0	10.9	87.0
Rejected Analyses																			
~~V16046D Spot 94~~	~~1279~~	~~142256~~	~~2.3~~	~~7.2630~~	~~1.8~~	~~2.9705~~	~~3.3~~	~~0.1565~~	~~2.8~~	~~0.84~~	~~937.5~~	~~24.2~~	~~1400.1~~	~~25.1~~	~~2197.5~~	~~31.1~~	~~2197.5~~	~~31.1~~	~~42.7~~
~~V16046D Spot 66~~	~~891~~	~~3490~~	~~1.6~~	~~10.0209~~	~~10.9~~	~~0.7121~~	~~11.4~~	~~0.0518~~	~~3.2~~	~~0.28~~	~~325.4~~	~~10.1~~	~~546.0~~	~~48.0~~	~~1619.4~~	~~203.5~~	~~325.4~~	~~10.1~~	~~NA~~
K2 (V16052B)																			
V16052B-Spot 34	2546	66788	4.6	18.6992	0.7	0.3200	1.5	0.0434	1.3	0.88	274.0	3.5	281.9	3.6	348.2	15.9	274.0	3.5	NA
V16052B-Spot 127	2775	24679	1.2	18.2098	1.2	0.3296	1.8	0.0436	1.3	0.73	274.8	3.5	289.3	4.5	407.8	27.1	274.8	3.5	NA
V16052B-Spot 163	3276	7958	5.0	13.9299	3.0	0.4347	3.2	0.0439	1.1	0.35	277.2	3.0	366.5	9.9	979.1	61.2	277.2	3.0	NA
V16052B-Spot 257	2376	7100	2.7	12.9198	3.8	0.4840	4.6	0.0454	2.5	0.55	286.1	7.0	400.8	15.2	1130.7	76.7	286.1	7.0	NA
V16052B-Spot 120	2651	25493	1.7	17.3954	1.5	0.3668	2.0	0.0463	1.4	0.69	291.8	4.0	317.3	5.5	509.3	32.5	291.8	4.0	NA
V16052B-Spot 310	1255	285680	0.6	18.9504	0.9	0.3393	2.7	0.0467	2.6	0.94	294.0	7.4	296.7	7.1	317.9	21.0	294.0	7.4	NA
V16052B-Spot 20	949	41313	3.6	18.7356	1.3	0.3495	2.0	0.0475	1.5	0.77	299.2	4.5	304.3	5.3	343.7	29.3	299.2	4.5	NA
V16052B-Spot 187	1916	37812	2.5	17.4741	1.3	0.3778	1.8	0.0479	1.2	0.69	301.6	3.6	325.4	5.0	499.4	29.0	301.6	3.6	NA
V16052B-Spot 218	1511	263227	3.1	19.1504	0.6	0.3456	1.2	0.0480	1.0	0.86	302.4	3.1	301.4	3.2	294.0	14.2	302.4	3.1	NA
V16052B-Spot 245	415	27903	2.3	18.5885	1.3	0.3569	1.7	0.0481	1.2	0.67	303.0	3.4	309.9	4.6	361.5	28.4	303.0	3.4	NA
V16052B-Spot 186	1586	81373	2.5	18.4230	0.8	0.3632	1.5	0.0486	1.3	0.87	305.6	4.0	314.6	4.2	381.7	17.2	305.6	4.0	NA
V16052B-Spot 286	961	226809	2.1	18.5062	1.0	0.3617	1.4	0.0486	1.1	0.74	305.8	3.2	313.5	3.9	371.5	21.5	305.8	3.2	NA
V16052B-Spot 179	435	17364	1.6	18.6845	1.1	0.3584	2.0	0.0486	1.7	0.83	305.9	5.0	311.0	5.4	349.9	25.6	305.9	5.0	NA
V16052B-Spot 81	1334	198865	1.1	18.7159	0.9	0.3582	1.4	0.0486	1.1	0.79	306.2	3.3	310.9	3.7	346.1	19.3	306.2	3.3	NA
V16052B-Spot 103	1638	58819	3.8	18.0431	0.8	0.3715	1.3	0.0486	1.0	0.77	306.2	3.0	320.8	3.5	428.3	18.3	306.2	3.0	NA

V16052B-Spot 36	763	29629	1.7	19.0863	0.8	0.3513	1.6	0.0487	1.3	0.84	306.2	4.0	305.7	4.2	301.7	19.3	306.2	4.0	NA
V16052B-Spot 72	112	21056	2.9	18.5810	2.0	0.3609	2.5	0.0487	1.5	0.58	306.2	4.4	312.9	6.7	362.5	45.8	306.2	4.4	NA
V16052B-Spot 7	2073	294483	1.4	19.0188	0.8	0.3527	1.5	0.0487	1.3	0.86	306.4	3.9	306.8	4.0	309.7	17.5	306.4	3.9	NA
V16052B-Spot 255	748	173623	3.2	18.6228	1.3	0.3606	1.9	0.0487	1.4	0.73	306.7	4.0	312.7	5.0	357.4	28.5	306.7	4.0	NA
V16052B-Spot 293	856	48845	2.2	18.6565	1.1	0.3602	1.7	0.0488	1.4	0.79	306.9	4.1	312.4	4.6	353.3	24.0	306.9	4.1	NA
V16052B-Spot 156	1505	445594	1.5	18.3255	0.9	0.3672	1.6	0.0488	1.4	0.84	307.3	4.1	317.5	4.4	393.6	19.4	307.3	4.1	NA
V16052B-Spot 40	2359	72624	2.3	18.4873	0.9	0.3641	1.4	0.0488	1.1	0.79	307.4	3.4	315.2	3.8	373.9	19.6	307.4	3.4	NA
V16052B-Spot 30	954	30610	2.4	18.8473	1.0	0.3576	1.5	0.0489	1.1	0.73	307.8	3.3	310.4	4.0	330.3	23.0	307.8	3.3	NA
V16052B-Spot 236	158	10936	4.0	18.9120	2.1	0.3566	2.7	0.0489	1.8	0.65	308.0	5.3	309.7	7.3	322.5	47.0	308.0	5.3	NA
V16052B-Spot 313	501	30611	3.9	18.6760	1.3	0.3611	1.9	0.0489	1.4	0.71	308.0	4.1	313.1	5.1	350.9	30.1	308.0	4.1	NA
V16052B-Spot 273	1174	66328	1.6	18.7791	1.0	0.3596	1.6	0.0490	1.3	0.78	308.3	3.8	311.9	4.3	338.5	22.8	308.3	3.8	NA
V16052B-Spot 2	450	20104	3.0	18.6569	1.6	0.3625	1.9	0.0491	1.2	0.60	308.9	3.5	314.1	5.2	353.3	35.0	308.9	3.5	NA
V16052B-Spot 272	1028	40679	3.1	18.8051	0.6	0.3598	1.4	0.0491	1.3	0.91	308.9	3.8	312.0	3.8	335.4	13.1	308.9	3.8	NA
V16052B-Spot 119	910	81542	3.1	18.6180	1.1	0.3634	1.6	0.0491	1.2	0.73	309.0	3.5	314.8	4.3	358.0	24.4	309.0	3.5	NA
V16052B-Spot 5	1207	62337	2.1	18.7726	0.9	0.3604	1.6	0.0491	1.4	0.84	309.0	4.1	312.5	4.4	339.3	20.4	309.0	4.1	NA
V16052B-Spot 182	612	96481	1.8	18.6141	1.1	0.3637	1.9	0.0491	1.6	0.82	309.1	4.8	315.0	5.2	358.4	24.8	309.1	4.8	NA
V16052B-Spot 261	526	21394	4.0	18.6239	1.2	0.3636	1.8	0.0491	1.4	0.75	309.2	4.1	314.9	4.9	357.3	27.1	309.2	4.1	NA
V16052B-Spot 242	539	98429	2.2	19.1343	1.1	0.3543	1.9	0.0492	1.5	0.82	309.6	4.6	308.0	5.0	295.9	24.5	309.6	4.6	NA
V16052B-Spot 290	906	42167	2.8	17.4855	1.4	0.3878	2.1	0.0492	1.5	0.73	309.6	4.6	332.8	5.9	497.9	31.4	309.6	4.6	NA
V16052B-Spot 202	499	74043	3.7	18.5811	0.9	0.3655	1.5	0.0493	1.3	0.83	310.1	3.8	316.3	4.1	362.4	19.3	310.1	3.8	NA
V16052B-Spot 248	709	42363	2.6	17.5808	1.1	0.3866	1.7	0.0493	1.3	0.76	310.3	3.8	331.9	4.7	485.9	23.7	310.3	3.8	NA
V16052B-Spot 309	226	119168	3.2	18.9141	1.2	0.3595	1.9	0.0493	1.5	0.77	310.4	4.4	311.8	5.0	322.3	27.1	310.4	4.4	NA
V16052B-Spot 147	468	658047	2.1	18.2827	1.2	0.3720	1.8	0.0494	1.4	0.76	310.6	4.1	321.2	4.9	398.8	25.9	310.6	4.1	NA
V16052B-Spot 274	629	32275	3.2	18.6419	1.0	0.3649	1.5	0.0494	1.1	0.73	310.6	3.3	315.9	4.1	355.1	23.3	310.6	3.3	NA
V16052B-Spot 66	921	112857	2.1	18.9256	0.9	0.3596	1.6	0.0494	1.3	0.83	310.7	4.1	311.9	4.3	320.9	20.2	310.7	4.1	NA
V16052B-Spot 221	883	63380	4.8	18.6644	0.8	0.3647	1.5	0.0494	1.2	0.83	310.8	3.8	315.7	4.1	352.4	19.0	310.8	3.8	NA
V16052B-Spot 11	898	206588	2.6	18.5466	1.1	0.3673	1.6	0.0494	1.3	0.76	311.0	3.8	317.6	4.5	366.6	23.9	311.0	3.8	NA
V16052B-Spot 294	914	42525	4.0	16.5827	2.9	0.4108	3.2	0.0494	1.2	0.39	311.0	3.7	349.5	9.4	613.5	63.7	311.0	3.7	NA
V16052B-Spot 288	2292	6264166	1.8	17.1618	2.5	0.3970	2.8	0.0494	1.2	0.44	311.1	3.8	339.5	8.2	538.9	55.7	311.1	3.8	NA
V16052B-Spot 130	736	104980	4.4	18.6282	1.0	0.3658	1.5	0.0494	1.2	0.78	311.1	3.6	316.5	4.1	356.7	21.7	311.1	3.6	NA
V16052B-Spot 165	937	132813	2.2	18.7809	0.9	0.3629	1.6	0.0494	1.3	0.82	311.1	3.9	314.4	4.2	338.3	20.1	311.1	3.9	NA
V16052B-Spot 171	399	79482	2.8	18.4865	0.9	0.3688	1.6	0.0495	1.3	0.80	311.3	3.9	318.8	4.3	373.9	21.3	311.3	3.9	NA
V16052B-Spot 139	1892	19356	1.9	16.9866	1.5	0.4014	2.2	0.0495	1.6	0.73	311.3	5.0	342.7	6.5	561.3	33.6	311.3	5.0	NA
V16052B-Spot 195	364	83359	1.6	18.2974	1.3	0.3730	1.8	0.0495	1.3	0.71	311.6	3.8	321.9	4.9	397.0	28.0	311.6	3.8	NA
V16052B-Spot 235	798	51739	2.4	18.7593	1.1	0.3638	1.7	0.0495	1.3	0.74	311.6	3.9	315.1	4.6	340.9	25.7	311.6	3.9	NA
V16052B-Spot 152	732	43131	1.8	18.6904	1.2	0.3654	1.9	0.0496	1.4	0.76	311.8	4.3	316.3	5.1	349.2	27.9	311.8	4.3	NA
V16052B-Spot 258	742	69182	3.3	18.5931	0.8	0.3674	1.6	0.0496	1.3	0.86	311.8	4.1	317.7	4.3	361.0	18.0	311.8	4.1	NA
V16052B-Spot 123	876	929656	2.8	18.2195	1.2	0.3750	2.0	0.0496	1.7	0.81	311.9	5.0	323.3	5.7	406.6	26.9	311.9	5.0	NA
V16052B-Spot 149	287	16252	2.7	18.8956	1.2	0.3616	1.9	0.0496	1.4	0.75	312.0	4.3	313.4	5.0	324.5	27.9	312.0	4.3	NA
V16052B-Spot 43	1957	48998	1.5	19.1959	1.0	0.3560	1.7	0.0496	1.4	0.82	312.0	4.4	309.3	4.7	288.5	22.9	312.0	4.4	NA
V16052B-Spot 297	664	36435	5.5	18.6337	1.0	0.3668	1.8	0.0496	1.4	0.81	312.0	4.4	317.3	4.8	356.1	23.1	312.0	4.4	NA
V16052B-Spot 304	608	15515	4.2	18.1575	1.7	0.3767	2.2	0.0496	1.4	0.64	312.3	4.3	324.6	6.1	414.2	38.1	312.3	4.3	NA
V16052B-Spot 145	690	109250	1.4	18.9370	1.1	0.3612	1.7	0.0496	1.3	0.76	312.3	4.0	313.1	4.7	319.5	25.7	312.3	4.0	NA
V16052B-Spot 178	883	59712	2.0	18.8103	1.1	0.3637	1.8	0.0496	1.4	0.79	312.3	4.4	315.0	4.9	334.7	25.0	312.3	4.4	NA
V16052B-Spot 315	495	32866	3.8	18.8684	1.4	0.3627	1.8	0.0497	1.1	0.61	312.4	3.4	314.2	4.9	327.7	32.5	312.4	3.4	NA
V16052B-Spot 38	797	43640	2.2	18.6467	1.2	0.3670	1.8	0.0497	1.3	0.74	312.4	4.1	317.4	4.9	354.5	26.9	312.4	4.1	NA
V16052B-Spot 126	817	39757	4.3	18.9482	1.3	0.3612	2.0	0.0497	1.5	0.75	312.4	4.6	313.1	5.5	318.1	30.7	312.4	4.6	NA
V16052B-Spot 111	959	74279	3.4	19.0391	0.8	0.3595	1.4	0.0497	1.2	0.83	312.5	3.7	311.9	3.9	307.3	18.5	312.5	3.7	NA
V16052B-Spot 285	937	49744	3.4	18.5702	1.0	0.3688	1.5	0.0497	1.1	0.77	312.6	3.5	318.8	4.1	363.8	21.7	312.6	3.5	NA
V16052B-Spot 151	675	135639	2.8	18.7751	1.1	0.3648	1.6	0.0497	1.1	0.72	312.7	3.4	315.8	4.2	339.0	24.3	312.7	3.4	NA
V16052B-Spot 271	697	42676	3.9	19.1866	0.9	0.3570	1.5	0.0497	1.1	0.77	312.7	3.5	310.0	4.0	289.6	21.5	312.7	3.5	NA
V16052B-Spot 200	604	66031	3.1	18.9073	1.1	0.3624	1.8	0.0497	1.5	0.81	312.8	4.5	314.0	5.0	323.1	24.4	312.8	4.5	NA
V16052B-Spot 71	692	50803	2.6	18.7222	1.0	0.3660	1.6	0.0497	1.3	0.78	312.8	3.9	316.7	4.4	345.4	23.0	312.8	3.9	NA
V16052B-Spot 160	1120	67551	2.9	19.0000	1.0	0.3607	2.0	0.0497	1.7	0.86	312.8	5.3	312.7	5.5	312.0	23.8	312.8	5.3	NA
V16052B-Spot 268	1550	33542	2.1	17.6587	1.5	0.3882	1.9	0.0497	1.2	0.61	312.9	3.7	333.0	5.5	476.2	34.0	312.9	3.7	NA

V16052B-Spot 61	1962	139246	2.7	19.1701	0.7	0.3576	1.5	0.0497	1.3	0.87	312.9	4.0	310.4	4.0	291.6	16.7	312.9	4.0	NA
V16052B-Spot 217	1057	15634	3.9	16.4904	3.6	0.4159	4.0	0.0498	1.7	0.43	313.1	5.3	353.1	12.0	625.6	78.3	313.1	5.3	NA
V16052B-Spot 32	971	90046	3.5	19.0012	1.0	0.3610	1.6	0.0498	1.3	0.81	313.1	4.1	313.0	4.4	311.8	21.8	313.1	4.1	NA
V16052B-Spot 282	847	97117	2.4	18.8284	0.8	0.3643	1.5	0.0498	1.2	0.83	313.1	3.7	315.5	4.0	332.6	18.7	313.1	3.7	NA
V16052B-Spot 13	655	45141	4.0	18.6431	1.1	0.3680	1.8	0.0498	1.5	0.81	313.2	4.6	318.2	5.0	355.0	24.2	313.2	4.6	NA
V16052B-Spot 265	688	108269	3.3	18.7770	0.9	0.3654	1.7	0.0498	1.5	0.85	313.2	4.5	316.2	4.7	338.7	20.8	313.2	4.5	NA
V16052B-Spot 238	1511	213399	3.7	18.9772	0.8	0.3615	1.5	0.0498	1.3	0.84	313.2	3.9	313.4	4.1	314.7	18.7	313.2	3.9	NA
V16052B-Spot 35	737	129408	3.4	18.8071	0.8	0.3649	1.7	0.0498	1.5	0.89	313.3	4.7	315.9	4.7	335.1	17.8	313.3	4.7	NA
V16052B-Spot 77	884	91855	2.7	18.6660	1.1	0.3677	1.7	0.0498	1.3	0.76	313.3	3.9	317.9	4.6	352.1	24.6	313.3	3.9	NA
V16052B-Spot 92	781	4091537	3.2	18.7886	1.1	0.3654	1.5	0.0498	1.1	0.70	313.3	3.2	316.2	4.1	337.3	24.0	313.3	3.2	NA
V16052B-Spot 59	525	86745	3.4	18.6460	1.4	0.3683	2.0	0.0498	1.4	0.70	313.4	4.2	318.4	5.4	354.6	31.8	313.4	4.2	NA
V16052B-Spot 89	1690	129994	2.9	18.3565	1.1	0.3741	1.7	0.0498	1.2	0.74	313.5	3.8	322.7	4.6	389.8	24.9	313.5	3.8	NA
V16052B-Spot 260	802	42470	2.6	16.4629	1.9	0.4171	2.5	0.0498	1.5	0.62	313.5	4.7	354.0	7.4	629.2	42.0	313.5	4.7	NA
V16052B-Spot 29	458	19647	3.4	19.1198	1.5	0.3592	2.3	0.0498	1.8	0.78	313.5	5.5	311.6	6.3	297.6	33.6	313.5	5.5	NA
V16052B-Spot 220	1484	135504	2.9	19.0783	0.8	0.3600	1.4	0.0498	1.2	0.84	313.5	3.6	312.2	3.8	302.6	17.8	313.5	3.6	NA
V16052B-Spot 215	634	48406	4.0	19.0918	1.2	0.3598	1.7	0.0498	1.2	0.71	313.6	3.7	312.1	4.5	301.0	26.8	313.6	3.7	NA
V16052B-Spot 84	736	71253	2.5	18.6332	0.8	0.3688	1.9	0.0499	1.7	0.90	313.7	5.2	318.8	5.2	356.1	19.1	313.7	5.2	NA
V16052B-Spot 109	977	57734	2.9	18.5931	1.0	0.3697	1.9	0.0499	1.6	0.85	313.8	5.0	319.4	5.3	361.0	22.8	313.8	5.0	NA
V16052B-Spot 52	509	1076048	3.3	18.3250	1.1	0.3752	1.7	0.0499	1.4	0.79	313.8	4.2	323.5	4.8	393.7	23.6	313.8	4.2	NA
V16052B-Spot 150	554	120109	2.3	18.7110	1.2	0.3675	1.8	0.0499	1.3	0.72	313.8	4.0	317.8	4.9	346.8	28.3	313.8	4.0	NA
V16052B-Spot 101	1018	60479	3.0	18.8524	0.8	0.3647	1.5	0.0499	1.3	0.83	313.9	3.9	315.7	4.1	329.6	19.1	313.9	3.9	NA
V16052B-Spot 162	1023	72404	2.4	18.6053	1.1	0.3699	1.8	0.0499	1.4	0.79	314.1	4.4	319.6	5.0	359.5	25.3	314.1	4.4	NA
V16052B-Spot 58	609	580649	2.7	19.0372	1.0	0.3616	1.6	0.0499	1.3	0.80	314.2	4.0	313.4	4.4	307.5	22.3	314.2	4.0	NA
V16052B-Spot 244	921	147162	2.9	19.0123	0.9	0.3621	1.7	0.0499	1.4	0.83	314.2	4.3	313.8	4.5	310.5	20.9	314.2	4.3	NA
V16052B-Spot 307	1381	43592	1.4	19.0790	0.6	0.3608	1.4	0.0499	1.3	0.90	314.2	3.9	312.8	3.8	302.5	14.1	314.2	3.9	NA
V16052B-Spot 132	604	20396	2.5	18.5696	1.4	0.3707	1.8	0.0500	1.2	0.65	314.2	3.6	320.2	5.0	363.8	31.4	314.2	3.6	NA
V16052B-Spot 159	1497	61477	2.5	18.5132	1.1	0.3719	1.8	0.0500	1.4	0.80	314.3	4.3	321.1	4.9	370.7	23.8	314.3	4.3	NA
V16052B-Spot 135	259	10123	2.9	18.8502	1.4	0.3653	1.9	0.0500	1.2	0.67	314.3	3.8	316.1	5.1	329.9	31.4	314.3	3.8	NA
V16052B-Spot 203	380	26999	4.7	18.4497	1.2	0.3732	2.0	0.0500	1.6	0.81	314.3	4.9	322.0	5.4	378.4	26.0	314.3	4.9	NA
V16052B-Spot 185	945	112085	2.6	18.4701	1.7	0.3729	2.2	0.0500	1.4	0.62	314.3	4.2	321.8	6.1	375.9	38.9	314.3	4.2	NA
V16052B-Spot 138	1155	2788134	3.2	18.6455	1.1	0.3695	1.7	0.0500	1.3	0.78	314.5	4.1	319.3	4.7	354.7	24.1	314.5	4.1	NA
V16052B-Spot 50	540	44658	2.2	18.4435	0.9	0.3736	1.6	0.0500	1.3	0.82	314.5	4.1	322.3	4.5	379.2	21.1	314.5	4.1	NA
V16052B-Spot 181	659	30825	3.5	18.8220	1.2	0.3661	2.0	0.0500	1.6	0.80	314.5	4.9	316.8	5.4	333.3	27.1	314.5	4.9	NA
V16052B-Spot 233	925	51479	3.9	18.7749	0.8	0.3670	1.4	0.0500	1.2	0.81	314.5	3.5	317.5	3.9	339.0	18.8	314.5	3.5	NA
V16052B-Spot 284	498	24829	4.6	19.1827	0.9	0.3593	1.7	0.0500	1.4	0.84	314.6	4.3	311.7	4.5	290.1	20.7	314.6	4.3	NA
V16052B-Spot 155	1185	96256	2.6	18.9418	1.0	0.3638	1.4	0.0500	1.1	0.74	314.6	3.3	315.1	3.9	319.0	22.1	314.6	3.3	NA
V16052B-Spot 249	1278	68377	2.9	18.9045	0.8	0.3646	1.5	0.0500	1.2	0.84	314.6	3.8	315.6	4.0	323.4	18.0	314.6	3.8	NA
V16052B-Spot 167	1480	65050	2.6	19.0583	0.9	0.3618	1.3	0.0500	1.0	0.75	314.7	3.0	313.6	3.5	305.0	19.6	314.7	3.0	NA
V16052B-Spot 75	560	108843	5.8	18.4004	1.0	0.3748	1.8	0.0500	1.4	0.82	314.8	4.5	323.2	4.9	384.4	22.4	314.8	4.5	NA
V16052B-Spot 141	897	632391	3.1	18.6709	1.1	0.3694	1.6	0.0500	1.2	0.75	314.8	3.6	319.2	4.3	351.6	23.8	314.8	3.6	NA
V16052B-Spot 287	605	33361	4.0	18.7326	0.9	0.3682	1.6	0.0500	1.2	0.79	314.8	3.8	318.3	4.2	344.1	21.3	314.8	3.8	NA
V16052B-Spot 10	603	96944	3.7	18.8507	0.9	0.3660	1.7	0.0501	1.5	0.84	314.9	4.5	316.7	4.7	329.9	21.3	314.9	4.5	NA
V16052B-Spot 216	1019	110143	2.0	18.7748	0.8	0.3675	1.3	0.0501	1.1	0.81	314.9	3.2	317.8	3.6	339.0	17.3	314.9	3.2	NA
V16052B-Spot 191	711	80720	4.5	18.7596	1.0	0.3678	1.5	0.0501	1.1	0.77	314.9	3.5	318.1	4.1	340.9	21.8	314.9	3.5	NA
V16052B-Spot 256	686	23698	1.7	18.0701	1.6	0.3820	2.2	0.0501	1.5	0.69	315.0	4.6	328.5	6.1	425.0	35.2	315.0	4.6	NA
V16052B-Spot 115	1148	33102	2.9	18.9097	1.0	0.3651	1.6	0.0501	1.2	0.78	315.1	3.8	316.0	4.3	322.8	22.2	315.1	3.8	NA
V16052B-Spot 278	1751	67959	3.0	18.6884	0.9	0.3694	1.5	0.0501	1.1	0.76	315.1	3.4	319.2	4.0	349.5	21.4	315.1	3.4	NA
V16052B-Spot 131	893	42618	2.3	18.3060	1.1	0.3771	1.7	0.0501	1.3	0.76	315.1	3.9	324.9	4.6	396.0	23.9	315.1	3.9	NA
V16052B-Spot 226	749	168795	3.6	18.7500	0.9	0.3682	1.6	0.0501	1.3	0.82	315.1	4.1	318.3	4.4	342.0	20.8	315.1	4.1	NA
V16052B-Spot 3	903	45605	3.0	18.7828	1.1	0.3677	1.6	0.0501	1.2	0.75	315.2	3.8	317.9	4.5	338.0	24.6	315.2	3.8	NA
V16052B-Spot 164	1120	135170	1.6	19.0239	1.0	0.3632	1.6	0.0501	1.3	0.80	315.3	4.0	314.6	4.3	309.1	21.6	315.3	4.0	NA
V16052B-Spot 64	1104	111031	2.9	18.5097	1.1	0.3733	1.7	0.0501	1.4	0.78	315.3	4.2	322.1	4.8	371.1	24.4	315.3	4.2	NA
V16052B-Spot 73	1109	65393	15.2	18.6609	1.2	0.3703	1.8	0.0501	1.4	0.77	315.4	4.3	319.9	5.0	352.8	26.1	315.4	4.3	NA
V16052B-Spot 184	418	24200	2.0	18.8034	1.3	0.3676	2.2	0.0501	1.7	0.80	315.4	5.3	317.8	5.9	335.6	29.4	315.4	5.3	NA
V16052B-Spot 246	962	4894573	2.9	18.8118	0.9	0.3675	1.4	0.0502	1.1	0.76	315.5	3.3	317.8	3.9	334.6	21.2	315.5	3.3	NA

V16052B-Spot 250	559	23927	3.1	19.1622	1.0	0.3608	1.5	0.0502	1.2	0.75	315.5	3.6	312.8	4.2	292.6	23.3	315.5	3.6	NA
V16052B-Spot 129	561	430488	2.3	18.8548	1.2	0.3667	1.6	0.0502	1.2	0.72	315.6	3.6	317.2	4.5	329.4	26.1	315.6	3.6	NA
V16052B-Spot 175	950	2072364	3.6	18.5438	1.0	0.3730	1.5	0.0502	1.1	0.76	315.7	3.5	321.9	4.2	367.0	22.4	315.7	3.5	NA
V16052B-Spot 27	958	157583	3.3	19.0906	0.8	0.3626	1.4	0.0502	1.1	0.80	315.9	3.5	314.2	3.8	301.1	19.1	315.9	3.5	NA
V16052B-Spot 266	774	86567	2.3	18.6610	1.0	0.3710	1.6	0.0502	1.2	0.77	315.9	3.7	320.4	4.3	352.8	22.3	315.9	3.7	NA
V16052B-Spot 166	841	27757	3.7	18.8442	0.9	0.3675	1.4	0.0502	1.1	0.78	316.0	3.4	317.8	3.9	330.7	20.2	316.0	3.4	NA
V16052B-Spot 26	1233	168093	2.9	18.8622	0.8	0.3672	1.6	0.0503	1.4	0.87	316.1	4.2	317.5	4.3	328.5	18.0	316.1	4.2	NA
V16052B-Spot 234	669	114351	3.1	18.9985	1.1	0.3646	1.7	0.0503	1.2	0.74	316.1	3.8	315.6	4.5	312.2	25.3	316.1	3.8	NA
V16052B-Spot 39	896	50115	4.1	19.0917	1.0	0.3631	1.8	0.0503	1.5	0.84	316.3	4.6	314.5	4.8	301.0	22.1	316.3	4.6	NA
V16052B-Spot 136	735	55707	2.6	18.5974	1.0	0.3727	1.8	0.0503	1.4	0.81	316.4	4.5	321.7	4.9	360.5	23.3	316.4	4.5	NA
V16052B-Spot 228	776	62039	3.3	18.6702	1.0	0.3713	1.5	0.0503	1.2	0.76	316.4	3.6	320.6	4.2	351.6	22.5	316.4	3.6	NA
V16052B-Spot 299	858	89548	2.9	19.1941	0.9	0.3612	1.4	0.0503	1.0	0.75	316.4	3.2	313.1	3.7	288.8	21.0	316.4	3.2	NA
V16052B-Spot 208	1327	50982	2.1	18.4705	1.1	0.3754	1.6	0.0503	1.1	0.71	316.4	3.5	323.6	4.4	375.9	25.2	316.4	3.5	NA
V16052B-Spot 104	610	105819	3.5	18.8605	1.0	0.3677	1.6	0.0503	1.2	0.80	316.5	3.9	317.9	4.3	328.7	21.6	316.5	3.9	NA
V16052B-Spot 15	958	40817	3.3	18.5126	1.2	0.3746	2.1	0.0503	1.8	0.82	316.5	5.4	323.1	5.9	370.8	27.5	316.5	5.4	NA
V16052B-Spot 283	640	86898	1.9	18.6991	1.0	0.3709	1.8	0.0503	1.4	0.81	316.5	4.4	320.3	4.8	348.2	23.4	316.5	4.4	NA
V16052B-Spot 259	1626	108945	2.3	18.8846	0.9	0.3673	1.6	0.0503	1.3	0.82	316.6	4.1	317.7	4.4	325.8	20.8	316.6	4.1	NA
V16052B-Spot 229	979	61182	2.6	18.2065	0.9	0.3811	1.5	0.0503	1.1	0.76	316.6	3.4	327.8	4.1	408.2	21.2	316.6	3.4	NA
V16052B-Spot 117	803	247059	4.6	18.8729	1.3	0.3676	1.9	0.0503	1.3	0.72	316.6	4.1	317.9	5.1	327.2	29.0	316.6	4.1	NA
V16052B-Spot 219	663	47461	3.5	19.0322	1.0	0.3647	1.6	0.0504	1.3	0.79	316.7	4.0	315.7	4.4	308.1	22.3	316.7	4.0	NA
V16052B-Spot 128	694	77383	3.6	18.8203	0.9	0.3689	1.6	0.0504	1.3	0.81	316.8	4.0	318.8	4.4	333.6	21.5	316.8	4.0	NA
V16052B-Spot 291	642	27665	3.4	18.9341	1.1	0.3668	1.6	0.0504	1.1	0.70	316.9	3.4	317.2	4.3	319.9	25.8	316.9	3.4	NA
V16052B-Spot 276	1169	145205	3.7	18.8275	0.7	0.3689	1.7	0.0504	1.5	0.90	316.9	4.7	318.8	4.6	332.7	16.9	316.9	4.7	NA
V16052B-Spot 267	637	22367	3.3	18.8243	1.1	0.3690	1.8	0.0504	1.4	0.79	317.0	4.4	318.9	5.0	333.1	25.3	317.0	4.4	NA
V16052B-Spot 76	483	69838	2.7	18.8928	0.9	0.3677	1.4	0.0504	1.1	0.77	317.0	3.4	318.0	3.9	324.8	20.7	317.0	3.4	NA
V16052B-Spot 292	575	32305	3.1	17.8298	1.1	0.3898	1.6	0.0504	1.2	0.74	317.2	3.6	334.3	4.5	454.8	23.8	317.2	3.6	NA
V16052B-Spot 100	566	33864	3.4	18.5389	1.2	0.3750	1.6	0.0504	1.1	0.69	317.2	3.5	323.3	4.5	367.6	26.4	317.2	3.5	NA
V16052B-Spot 144	504	59312	1.0	18.7369	1.1	0.3710	1.7	0.0504	1.3	0.75	317.2	4.0	320.4	4.8	343.6	25.9	317.2	4.0	NA
V16052B-Spot 189	496	118849	4.0	18.7890	1.3	0.3702	2.0	0.0505	1.5	0.75	317.4	4.6	319.8	5.4	337.3	29.5	317.4	4.6	NA
V16052B-Spot 263	956	103044	2.3	17.0134	1.7	0.4089	2.1	0.0505	1.3	0.62	317.5	4.1	348.1	6.3	557.9	36.5	317.5	4.1	NA
V16052B-Spot 192	317	31792	6.8	18.6095	1.5	0.3739	2.0	0.0505	1.3	0.68	317.5	4.1	322.5	5.4	359.0	32.8	317.5	4.1	NA
V16052B-Spot 121	549	14786	4.1	18.3412	1.7	0.3795	2.5	0.0505	1.8	0.74	317.6	5.7	326.7	7.0	391.7	37.9	317.6	5.7	NA
V16052B-Spot 174	1533	260785	1.6	19.2079	0.9	0.3624	1.6	0.0505	1.3	0.81	317.7	3.9	314.0	4.2	287.2	20.7	317.7	3.9	NA
V16052B-Spot 188	1041	104084	2.1	19.0043	0.8	0.3663	1.4	0.0505	1.2	0.82	317.7	3.6	316.9	3.9	311.4	18.5	317.7	3.6	NA
V16052B-Spot 262	942	143886	4.3	18.7355	1.0	0.3716	1.5	0.0505	1.1	0.74	317.7	3.4	320.9	4.1	343.8	22.8	317.7	3.4	NA
V16052B-Spot 301	911	345546	6.0	18.8970	1.0	0.3686	1.6	0.0505	1.3	0.79	317.8	4.0	318.6	4.5	324.3	23.0	317.8	4.0	NA
V16052B-Spot 82	892	7854900	3.6	18.4176	0.7	0.3782	1.5	0.0505	1.3	0.87	317.9	4.0	325.7	4.2	382.3	16.4	317.9	4.0	NA
V16052B-Spot 161	358	23876	2.5	19.1387	1.6	0.3641	2.0	0.0506	1.2	0.59	317.9	3.7	315.2	5.4	295.4	36.9	317.9	3.7	NA
V16052B-Spot 308	992	376408	3.0	19.0135	0.9	0.3665	1.4	0.0506	1.1	0.79	318.0	3.5	317.0	3.9	310.3	20.0	318.0	3.5	NA
V16052B-Spot 87	844	248217	2.7	18.8362	1.1	0.3699	1.8	0.0506	1.5	0.81	318.0	4.5	319.6	4.9	331.6	24.0	318.0	4.5	NA
V16052B-Spot 42	783	214935	2.8	18.7915	1.2	0.3708	1.9	0.0506	1.5	0.77	318.0	4.6	320.3	5.3	337.0	27.8	318.0	4.6	NA
V16052B-Spot 140	558	24053	3.2	18.8150	1.1	0.3704	1.7	0.0506	1.3	0.78	318.0	4.1	320.0	4.7	334.2	24.3	318.0	4.1	NA
V16052B-Spot 99	1328	191790	2.4	18.6210	1.0	0.3744	1.7	0.0506	1.3	0.79	318.1	4.1	322.9	4.6	357.6	23.1	318.1	4.1	NA
V16052B-Spot 94	496	714896	4.2	18.8443	1.0	0.3700	1.7	0.0506	1.4	0.82	318.1	4.3	319.6	4.6	330.7	21.8	318.1	4.3	NA
V16052B-Spot 302	1223	89863	3.4	18.6857	1.1	0.3731	1.8	0.0506	1.5	0.80	318.1	4.5	322.0	5.0	349.8	24.7	318.1	4.5	NA
V16052B-Spot 68	197	20928	3.5	19.1741	1.7	0.3637	2.1	0.0506	1.3	0.61	318.2	4.0	315.0	5.7	291.2	38.2	318.2	4.0	NA
V16052B-Spot 306	757	323515	2.7	18.7195	1.0	0.3725	1.8	0.0506	1.5	0.83	318.2	4.6	321.5	4.9	345.7	22.3	318.2	4.6	NA
V16052B-Spot 170	342	16998	3.6	19.2404	1.3	0.3625	1.8	0.0506	1.3	0.72	318.2	4.1	314.1	5.0	283.3	29.1	318.2	4.1	NA
V16052B-Spot 116	875	89311	4.3	18.8383	1.0	0.3703	1.4	0.0506	1.0	0.72	318.3	3.2	319.8	3.9	331.4	22.3	318.3	3.2	NA
V16052B-Spot 91	673	49947	3.3	18.9456	1.2	0.3683	1.9	0.0506	1.5	0.77	318.4	4.5	318.4	5.2	318.5	27.6	318.4	4.5	NA
V16052B-Spot 86	970	34008	3.3	19.2152	1.0	0.3632	1.8	0.0506	1.5	0.84	318.4	4.8	314.6	4.9	286.3	22.5	318.4	4.8	NA
V16052B-Spot 88	1177	94138	3.3	18.9078	1.0	0.3692	1.6	0.0507	1.3	0.80	318.5	3.9	319.1	4.4	323.0	21.9	318.5	3.9	NA
V16052B-Spot 63	846	96056	3.3	18.9513	0.9	0.3684	1.8	0.0507	1.5	0.85	318.6	4.6	318.5	4.8	317.8	21.1	318.6	4.6	NA
V16052B-Spot 269	1204	84986	3.3	18.8875	0.8	0.3697	1.3	0.0507	1.1	0.81	318.6	3.3	319.5	3.6	325.4	17.5	318.6	3.3	NA
V16052B-Spot 230	1197	270802	2.4	19.0542	1.1	0.3665	1.6	0.0507	1.2	0.74	318.6	3.7	317.1	4.4	305.5	24.7	318.6	3.7	NA

V16052B-Spot 108	335	24485	1.8	18.3866	1.2	0.3798	1.7	0.0507	1.2	0.69	318.6	3.7	326.9	4.8	386.1	27.9	318.6	3.7	NA
V16052B-Spot 270	751	73745	3.5	18.4291	1.3	0.3790	1.7	0.0507	1.2	0.67	318.7	3.6	326.3	4.8	380.9	28.6	318.7	3.6	NA
V16052B-Spot 110	858	31816	3.2	19.0716	0.8	0.3663	1.4	0.0507	1.2	0.84	318.8	3.7	316.9	3.8	303.4	17.1	318.8	3.7	NA
V16052B-Spot 16	1081	42870	2.0	19.3215	0.8	0.3616	1.6	0.0507	1.4	0.87	318.8	4.3	313.4	4.3	273.6	17.8	318.8	4.3	NA
V16052B-Spot 280	513	73718	2.1	18.4228	0.9	0.3793	1.7	0.0507	1.5	0.85	318.8	4.6	326.5	4.9	381.7	20.5	318.8	4.6	NA
V16052B-Spot 225	620	29880	2.1	18.5881	1.1	0.3760	1.9	0.0507	1.5	0.81	318.9	4.8	324.1	5.3	361.6	25.4	318.9	4.8	NA
V16052B-Spot 312	1000	44597	4.1	18.8999	0.8	0.3699	1.7	0.0507	1.5	0.89	319.0	4.6	319.6	4.6	323.9	17.2	319.0	4.6	NA
V16052B-Spot 48	2281	61565	1.8	18.1159	1.1	0.3860	1.7	0.0507	1.3	0.79	319.1	4.2	331.4	4.8	419.3	23.6	319.1	4.2	NA
V16052B-Spot 279	920	112947	2.5	18.9591	1.0	0.3689	1.7	0.0507	1.3	0.78	319.1	4.0	318.8	4.5	316.8	23.7	319.1	4.0	NA
V16052B-Spot 83	1375	111400	2.7	18.9161	0.9	0.3698	1.4	0.0508	1.1	0.79	319.1	3.4	319.5	3.8	322.0	19.4	319.1	3.4	NA
V16052B-Spot 237	875	159570	3.1	18.6832	1.2	0.3747	1.5	0.0508	0.9	0.62	319.4	2.9	323.2	4.2	350.1	26.9	319.4	2.9	NA
V16052B-Spot 253	1125	315956	3.4	18.8969	0.9	0.3706	1.7	0.0508	1.4	0.84	319.5	4.4	320.1	4.6	324.3	21.1	319.5	4.4	NA
V16052B-Spot 180	872	106743	3.1	18.7526	0.9	0.3734	1.5	0.0508	1.2	0.80	319.5	3.7	322.2	4.1	341.7	20.1	319.5	3.7	NA
V16052B-Spot 240	798	131338	2.8	19.1962	0.8	0.3648	1.5	0.0508	1.2	0.83	319.5	3.9	315.8	4.1	288.5	19.2	319.5	3.9	NA
V16052B-Spot 199	1214	95473	4.7	18.7810	0.8	0.3731	1.6	0.0508	1.3	0.87	319.7	4.2	321.9	4.3	338.3	17.6	319.7	4.2	NA
V16052B-Spot 41	868	1487233	2.9	18.7017	1.2	0.3747	2.0	0.0509	1.6	0.80	319.7	4.9	323.2	5.4	347.8	26.3	319.7	4.9	NA
V16052B-Spot 201	1201	281642	1.9	18.8099	0.9	0.3726	1.8	0.0509	1.5	0.86	319.7	4.8	321.6	4.9	334.8	21.0	319.7	4.8	NA
V16052B-Spot 60	785	100594	2.5	18.9876	1.0	0.3693	1.7	0.0509	1.5	0.83	319.9	4.5	319.1	4.8	313.5	22.0	319.9	4.5	NA
V16052B-Spot 277	1043	133370	5.4	18.7143	0.9	0.3747	1.7	0.0509	1.5	0.85	319.9	4.6	323.1	4.8	346.3	20.8	319.9	4.6	NA
V16052B-Spot 193	1401	512046	1.3	19.1187	1.0	0.3668	1.6	0.0509	1.2	0.77	319.9	3.9	317.3	4.4	297.8	23.5	319.9	3.9	NA
V16052B-Spot 303	597	101886	2.5	18.7220	1.1	0.3746	1.6	0.0509	1.2	0.73	320.0	3.6	323.0	4.4	345.4	24.8	320.0	3.6	NA
V16052B-Spot 17	338	1790855	2.6	18.8320	1.1	0.3724	1.9	0.0509	1.6	0.83	320.0	5.0	321.5	5.3	332.1	24.2	320.0	5.0	NA
V16052B-Spot 214	428	129402	3.3	18.2111	1.1	0.3856	1.8	0.0510	1.4	0.77	320.4	4.3	331.2	5.0	407.6	25.3	320.4	4.3	NA
V16052B-Spot 69	594	60006	2.2	18.7662	0.8	0.3742	1.4	0.0510	1.2	0.81	320.4	3.6	322.8	4.0	340.1	19.1	320.4	3.6	NA
V16052B-Spot 154	355	72547	2.4	17.3149	1.4	0.4056	2.1	0.0510	1.5	0.72	320.4	4.7	345.7	6.1	519.5	31.3	320.4	4.7	NA
V16052B-Spot 18	786	162534	2.5	19.0710	0.9	0.3685	1.5	0.0510	1.2	0.82	320.6	3.8	318.6	4.1	303.5	19.5	320.6	3.8	NA
V16052B-Spot 134	724	71993	3.7	18.9957	1.2	0.3701	1.9	0.0510	1.5	0.79	320.7	4.8	319.7	5.3	312.5	27.1	320.7	4.8	NA
V16052B-Spot 137	804	35761	3.0	18.6021	0.7	0.3780	1.4	0.0510	1.1	0.84	320.8	3.6	325.6	3.8	359.9	16.4	320.8	3.6	NA
V16052B-Spot 67	446	218729	2.0	18.7796	1.1	0.3745	1.5	0.0510	1.1	0.72	320.9	3.5	323.0	4.3	338.4	24.3	320.9	3.5	NA
V16052B-Spot 196	620	160862	5.1	18.4401	0.9	0.3815	1.8	0.0510	1.6	0.86	320.9	4.9	328.1	5.1	379.6	20.4	320.9	4.9	NA
V16052B-Spot 56	1078	91771	2.7	18.9718	0.9	0.3708	1.9	0.0510	1.6	0.88	320.9	5.2	320.3	5.1	315.3	20.1	320.9	5.2	NA
V16052B-Spot 113	614	307801	2.8	18.5573	1.0	0.3794	1.6	0.0511	1.3	0.78	321.2	3.9	326.6	4.5	365.3	23.1	321.2	3.9	NA
V16052B-Spot 204	668	48026	3.6	19.0463	0.9	0.3697	1.6	0.0511	1.4	0.85	321.2	4.3	319.4	4.4	306.4	19.5	321.2	4.3	NA
V16052B-Spot 8	785	66554	2.3	19.2146	1.2	0.3665	1.9	0.0511	1.5	0.79	321.2	4.6	317.0	5.1	286.3	26.7	321.2	4.6	NA
V16052B-Spot 146	873	179917	3.8	18.7893	1.0	0.3749	1.6	0.0511	1.3	0.79	321.4	4.0	323.3	4.4	337.3	22.2	321.4	4.0	NA
V16052B-Spot 125	414	28850	2.9	18.8936	1.3	0.3729	1.8	0.0511	1.3	0.72	321.4	4.1	321.8	5.0	324.7	28.6	321.4	4.1	NA
V16052B-Spot 157	555	7386	2.5	11.1931	8.0	0.6295	8.4	0.0511	2.7	0.32	321.4	8.4	495.8	33.0	1410.6	153.1	321.4	8.4	NA
V16052B-Spot 168	974	173331	2.6	18.6600	0.8	0.3777	1.7	0.0511	1.4	0.86	321.5	4.5	325.4	4.6	352.9	19.1	321.5	4.5	NA
V16052B-Spot 252	839	79239	3.0	18.5810	0.9	0.3793	1.6	0.0511	1.3	0.81	321.5	4.1	326.5	4.5	362.5	21.3	321.5	4.1	NA
V16052B-Spot 46	619	2576913	3.8	18.8246	1.1	0.3746	1.8	0.0512	1.4	0.78	321.6	4.4	323.0	5.0	333.0	25.7	321.6	4.4	NA
V16052B-Spot 264	1439	59228	3.3	19.3252	0.9	0.3650	1.7	0.0512	1.4	0.83	321.8	4.4	315.9	4.5	273.2	21.2	321.8	4.4	NA
V16052B-Spot 243	529	50043	3.0	18.8513	1.2	0.3742	1.9	0.0512	1.4	0.76	321.8	4.5	322.8	5.2	329.8	27.8	321.8	4.5	NA
V16052B-Spot 31	932	65962	2.1	18.9385	1.1	0.3726	1.5	0.0512	1.1	0.71	321.8	3.4	321.5	4.2	319.4	24.2	321.8	3.4	NA
V16052B-Spot 194	1098	122373	3.2	18.9061	0.8	0.3732	1.3	0.0512	1.1	0.81	321.8	3.4	322.0	3.7	323.2	17.7	321.8	3.4	NA
V16052B-Spot 62	1758	167422	5.1	19.0629	0.9	0.3701	1.6	0.0512	1.4	0.84	321.9	4.3	319.7	4.4	304.5	20.1	321.9	4.3	NA
V16052B-Spot 23	856	128623	3.7	19.0341	1.1	0.3708	1.8	0.0512	1.5	0.80	321.9	4.6	320.2	5.0	307.9	24.8	321.9	4.6	NA
V16052B-Spot 224	1155	30900	1.9	17.1761	1.3	0.4111	2.0	0.0512	1.5	0.75	322.1	4.7	349.7	6.0	537.1	29.1	322.1	4.7	NA
V16052B-Spot 1	529	282333	2.5	18.7102	1.1	0.3774	1.6	0.0512	1.1	0.72	322.1	3.5	325.1	4.3	346.8	24.5	322.1	3.5	NA
V16052B-Spot 53	773	176506	1.3	18.7123	1.0	0.3774	1.5	0.0512	1.2	0.78	322.2	3.7	325.2	4.2	346.6	21.7	322.2	3.7	NA
V16052B-Spot 37	212	9410	3.5	19.3339	1.6	0.3654	2.0	0.0513	1.2	0.57	322.3	3.6	316.3	5.5	272.1	37.7	322.3	3.6	NA
V16052B-Spot 143	1131	68612	3.7	18.5123	1.0	0.3818	1.4	0.0513	1.1	0.75	322.4	3.4	328.4	4.1	370.8	21.5	322.4	3.4	NA
V16052B-Spot 105	572	84717	4.0	18.6917	1.0	0.3782	1.7	0.0513	1.4	0.82	322.5	4.4	325.7	4.7	349.1	22.2	322.5	4.4	NA
V16052B-Spot 314	1680	497968	3.7	18.8249	0.8	0.3757	1.3	0.0513	1.1	0.81	322.6	3.3	323.8	3.6	333.0	17.2	322.6	3.3	NA
V16052B-Spot 295	1469	1333846	2.9	18.9318	0.8	0.3736	1.5	0.0513	1.2	0.84	322.6	3.9	322.3	4.1	320.2	18.2	322.6	3.9	NA
V16052B-Spot 65	829	208011	1.6	18.9220	0.9	0.3738	1.6	0.0513	1.3	0.82	322.6	4.2	322.5	4.5	321.3	21.5	322.6	4.2	NA

V16052B-Spot 247	676	175477	3.1	18.9664	1.0	0.3731	1.5	0.0513	1.1	0.75	322.8	3.6	322.0	4.2	316.0	22.7	322.8	3.6	NA
V16052B-Spot 24	964	53954	3.2	19.0764	1.2	0.3712	2.0	0.0514	1.7	0.82	323.0	5.3	320.5	5.6	302.8	27.0	323.0	5.3	NA
V16052B-Spot 197	437	17952	3.1	19.0257	1.2	0.3723	2.0	0.0514	1.7	0.82	323.1	5.2	321.4	5.6	308.9	26.8	323.1	5.2	NA
V16052B-Spot 311	896	161511	3.5	18.6037	1.2	0.3808	1.9	0.0514	1.5	0.77	323.1	4.6	327.6	5.4	359.7	27.8	323.1	4.6	NA
V16052B-Spot 85	1117	32039	3.5	18.8317	1.0	0.3763	1.7	0.0514	1.4	0.83	323.2	4.4	324.3	4.7	332.2	21.6	323.2	4.4	NA
V16052B-Spot 254	585	98496	2.9	18.7521	1.2	0.3779	1.9	0.0514	1.5	0.78	323.2	4.7	325.5	5.3	341.8	26.9	323.2	4.7	NA
V16052B-Spot 14	512	16367	2.4	18.8666	1.2	0.3757	2.2	0.0514	1.9	0.84	323.3	5.9	323.9	6.2	328.0	27.2	323.3	5.9	NA
V16052B-Spot 96	751	115224	2.9	18.8441	1.1	0.3762	1.5	0.0514	1.0	0.68	323.3	3.2	324.2	4.1	330.7	24.8	323.3	3.2	NA
V16052B-Spot 190	551	101112	2.5	18.9290	1.0	0.3748	1.6	0.0515	1.3	0.79	323.6	4.0	323.2	4.4	320.5	22.2	323.6	4.0	NA
V16052B-Spot 93	1059	64859	2.0	18.6066	0.9	0.3814	1.7	0.0515	1.4	0.83	323.7	4.4	328.1	4.7	359.3	21.2	323.7	4.4	NA
V16052B-Spot 239	1450	81876	3.8	19.0433	1.0	0.3729	1.6	0.0515	1.3	0.78	323.9	4.1	321.8	4.5	306.8	23.6	323.9	4.1	NA
V16052B-Spot 289	1375	266813	2.4	19.0002	0.7	0.3738	1.6	0.0515	1.4	0.88	323.9	4.4	322.4	4.3	312.0	16.5	323.9	4.4	NA
V16052B-Spot 223	955	1712723	2.5	18.7665	0.8	0.3785	1.6	0.0515	1.4	0.86	324.0	4.4	325.9	4.5	340.1	18.4	324.0	4.4	NA
V16052B-Spot 78	352	59980	4.2	18.7715	1.7	0.3784	2.2	0.0515	1.5	0.67	324.0	4.7	325.9	6.2	339.4	37.5	324.0	4.7	NA
V16052B-Spot 231	1172	128166	5.0	18.7814	0.9	0.3782	1.3	0.0515	1.0	0.74	324.0	3.2	325.7	3.8	338.2	20.4	324.0	3.2	NA
V16052B-Spot 90	832	42073	1.8	19.2045	1.0	0.3703	1.6	0.0516	1.3	0.78	324.3	4.0	319.9	4.5	287.5	23.5	324.3	4.0	NA
V16052B-Spot 176	734	23056	4.0	17.2471	2.3	0.4124	2.6	0.0516	1.2	0.46	324.4	3.8	350.6	7.7	528.1	50.6	324.4	3.8	NA
V16052B-Spot 102	619	10697309	4.0	18.7769	1.1	0.3789	1.6	0.0516	1.2	0.74	324.5	3.8	326.2	4.6	338.8	24.8	324.5	3.8	NA
V16052B-Spot 70	1382	168856	4.4	18.7911	0.9	0.3788	1.7	0.0516	1.4	0.85	324.6	4.6	326.1	4.7	337.0	20.1	324.6	4.6	NA
V16052B-Spot 169	384	23720	2.4	19.3335	1.6	0.3687	2.1	0.0517	1.3	0.64	325.1	4.3	318.7	5.7	272.2	36.5	325.1	4.3	NA
V16052B-Spot 251	608	21797	2.2	19.0206	1.2	0.3750	1.9	0.0517	1.5	0.78	325.3	4.6	323.3	5.1	309.5	26.5	325.3	4.6	NA
V16052B-Spot 305	821	88087	3.8	18.8905	1.1	0.3776	1.6	0.0518	1.2	0.76	325.3	3.9	325.3	4.5	325.1	23.8	325.3	3.9	NA
V16052B-Spot 183	1270	4043	3.8	11.6867	7.3	0.6108	7.9	0.0518	3.0	0.38	325.5	9.4	484.1	30.4	1327.6	141.6	325.5	9.4	NA
V16052B-Spot 114	1437	98355	2.6	18.8341	0.8	0.3792	1.8	0.0518	1.7	0.90	325.7	5.3	326.5	5.2	331.9	17.9	325.7	5.3	NA
V16052B-Spot 209	810	103968	3.9	18.9432	0.8	0.3771	1.6	0.0518	1.4	0.87	325.8	4.4	324.9	4.5	318.7	18.3	325.8	4.4	NA
V16052B-Spot 57	594	54419	5.0	18.3818	1.1	0.3887	1.6	0.0518	1.1	0.69	325.8	3.4	333.4	4.4	386.7	25.2	325.8	3.4	NA
V16052B-Spot 54	586	48136	3.3	18.8222	1.2	0.3797	2.0	0.0519	1.6	0.79	325.9	5.1	326.8	5.7	333.3	27.9	325.9	5.1	NA
V16052B-Spot 95	313	131395	2.9	18.2708	1.2	0.3912	1.7	0.0519	1.2	0.70	326.0	3.7	335.3	4.7	400.3	26.6	326.0	3.7	NA
V16052B-Spot 211	828	86371	2.6	18.9399	0.8	0.3775	1.5	0.0519	1.3	0.86	326.0	4.2	325.2	4.2	319.2	17.8	326.0	4.2	NA
V16052B-Spot 25	940	75116	2.8	18.9666	0.8	0.3770	1.8	0.0519	1.6	0.90	326.1	5.1	324.8	4.9	315.9	17.8	326.1	5.1	NA
V16052B-Spot 97	679	32953	2.9	19.0461	1.2	0.3756	1.8	0.0519	1.4	0.77	326.2	4.4	323.8	5.0	306.4	26.4	326.2	4.4	NA
V16052B-Spot 300	424	36508	3.6	18.8713	1.1	0.3794	1.7	0.0520	1.3	0.77	326.5	4.1	326.6	4.7	327.4	24.7	326.5	4.1	NA
V16052B-Spot 210	971	43841	2.9	18.7972	0.9	0.3811	1.4	0.0520	1.1	0.77	326.6	3.5	327.8	4.0	336.3	20.4	326.6	3.5	NA
V16052B-Spot 4	1338	137416	5.7	19.0803	1.0	0.3754	1.7	0.0520	1.4	0.81	326.6	4.5	323.6	4.8	302.4	23.3	326.6	4.5	NA
V16052B-Spot 47	971	442454	2.8	18.9341	1.0	0.3785	1.6	0.0520	1.3	0.79	326.8	4.0	325.9	4.5	319.9	22.5	326.8	4.0	NA
V16052B-Spot 281	329	9427	2.9	19.0706	1.2	0.3762	1.9	0.0521	1.5	0.79	327.1	4.8	324.2	5.3	303.5	26.7	327.1	4.8	NA
V16052B-Spot 80	536	23847	3.7	19.0742	1.4	0.3764	1.9	0.0521	1.3	0.68	327.3	4.0	324.3	5.2	303.1	31.0	327.3	4.0	NA
V16052B-Spot 19	658	184559	3.8	19.0202	1.0	0.3775	1.7	0.0521	1.3	0.79	327.4	4.3	325.2	4.7	309.6	23.7	327.4	4.3	NA
V16052B-Spot 55	555	31787	3.4	19.2642	0.9	0.3731	1.7	0.0522	1.5	0.86	327.7	4.7	322.0	4.8	280.5	20.1	327.7	4.7	NA
V16052B-Spot 213	978	56729	2.1	18.7843	0.8	0.3832	1.6	0.0522	1.4	0.86	328.2	4.5	329.4	4.6	337.9	19.2	328.2	4.5	NA
V16052B-Spot 148	273	10571	3.2	19.2133	1.0	0.3747	1.4	0.0522	1.0	0.68	328.2	3.1	323.1	4.0	286.5	23.9	328.2	3.1	NA
V16052B-Spot 241	481	88972	3.3	18.4633	1.0	0.3902	1.6	0.0523	1.3	0.79	328.5	4.1	334.5	4.6	376.8	22.1	328.5	4.1	NA
V16052B-Spot 212	1085	407417	4.6	18.7972	0.9	0.3836	1.7	0.0523	1.5	0.86	328.7	4.7	329.7	4.8	336.3	19.8	328.7	4.7	NA
V16052B-Spot 12	1502	5198	2.4	12.9393	5.5	0.5574	6.1	0.0523	2.6	0.43	328.8	8.5	449.8	22.3	1127.7	110.5	328.8	8.5	NA
V16052B-Spot 158	1755	90087	7.1	19.0541	0.9	0.3785	1.5	0.0523	1.2	0.80	328.8	3.8	325.9	4.1	305.5	20.1	328.8	3.8	NA
V16052B-Spot 198	661	40624	3.1	18.6862	0.9	0.3860	1.5	0.0523	1.2	0.80	328.8	3.9	331.4	4.3	349.7	20.4	328.8	3.9	NA
V16052B-Spot 133	523	34136	3.8	18.7117	1.0	0.3857	1.8	0.0524	1.5	0.82	329.0	4.9	331.2	5.2	346.7	23.7	329.0	4.9	NA
V16052B-Spot 142	308	149845	3.0	18.8668	1.4	0.3825	2.0	0.0524	1.5	0.73	329.0	4.7	328.9	5.6	328.0	30.6	329.0	4.7	NA
V16052B-Spot 22	925	49670	4.1	19.1687	1.1	0.3765	1.8	0.0524	1.4	0.78	329.1	4.4	324.5	4.9	291.8	25.2	329.1	4.4	NA
V16052B-Spot 118	863	162892	3.1	18.8050	1.0	0.3841	1.6	0.0524	1.3	0.80	329.3	4.2	330.0	4.6	335.4	22.2	329.3	4.2	NA
V16052B-Spot 79	1331	387323	2.5	18.9856	0.6	0.3807	1.6	0.0524	1.5	0.91	329.5	4.7	327.6	4.5	313.7	14.8	329.5	4.7	NA
V16052B-Spot 172	414	84411	5.8	18.9226	1.3	0.3825	1.9	0.0525	1.3	0.70	329.9	4.2	328.8	5.2	321.3	30.0	329.9	4.2	NA
V16052B-Spot 275	952	26738	4.0	19.2467	1.0	0.3761	1.5	0.0525	1.1	0.74	330.0	3.4	324.1	4.0	282.5	22.5	330.0	3.4	NA
V16052B-Spot 205	179	54647	3.6	19.0741	1.7	0.3797	2.4	0.0525	1.7	0.70	330.2	5.4	326.8	6.6	303.1	38.5	330.2	5.4	NA
V16052B-Spot 51	735	45677	5.6	19.0502	0.9	0.3806	1.5	0.0526	1.3	0.81	330.5	4.0	327.5	4.3	306.0	20.5	330.5	4.0	NA

V16052B-Spot 124	567	35678	2.9	18.9168	1.0	0.3833	1.5	0.0526	1.0	0.71	330.5	3.3	329.5	4.1	322.0	23.6	330.5	3.3	NA
V16052B-Spot 298	442	256740	3.3	19.1100	1.5	0.3794	2.1	0.0526	1.5	0.72	330.5	4.9	326.6	5.9	298.8	33.1	330.5	4.9	NA
V16052B-Spot 9	1030	152998	3.0	18.7910	1.0	0.3870	1.7	0.0528	1.4	0.80	331.5	4.4	332.2	4.8	337.1	22.9	331.5	4.4	NA
V16052B-Spot 227	504	20787	4.1	18.8281	0.9	0.3864	1.6	0.0528	1.3	0.83	331.6	4.3	331.7	4.6	332.6	20.8	331.6	4.3	NA
V16052B-Spot 296	399	24955	2.2	19.1963	1.3	0.3792	2.0	0.0528	1.5	0.76	331.8	4.9	326.4	5.5	288.5	29.2	331.8	4.9	NA
V16052B-Spot 122	947	59916	3.8	18.5732	1.4	0.3922	2.0	0.0529	1.4	0.69	332.0	4.5	336.0	5.7	363.4	32.3	332.0	4.5	NA
V16052B-Spot 44	378	200396	3.9	18.5818	1.3	0.3942	1.8	0.0531	1.3	0.70	333.8	4.1	337.4	5.1	362.4	28.4	333.8	4.1	NA
V16052B-Spot 112	293	13303	3.3	18.4486	1.4	0.3995	2.0	0.0535	1.4	0.70	335.8	4.6	341.3	5.8	378.6	31.7	335.8	4.6	NA
V16052B-Spot 45	1035	35611	2.8	18.9059	0.9	0.3930	1.6	0.0539	1.3	0.82	338.5	4.3	336.6	4.6	323.2	21.2	338.5	4.3	NA
V16052B-Spot 107	425	23397	4.3	18.5663	1.2	0.4008	1.5	0.0540	1.0	0.64	339.0	3.2	342.2	4.4	364.2	26.2	339.0	3.2	NA
V16052B-Spot 207	390	19655	3.2	16.9437	2.5	0.4398	2.9	0.0541	1.4	0.49	339.4	4.7	370.1	9.1	566.9	55.5	339.4	4.7	NA
V16052B-Spot 21	508	44643	2.5	18.9855	1.1	0.3946	1.6	0.0544	1.2	0.75	341.3	4.1	337.7	4.7	313.7	24.5	341.3	4.1	NA
V16052B-Spot 222	561	102270	8.2	18.4040	1.1	0.4473	1.8	0.0597	1.4	0.79	374.0	5.2	375.4	5.7	384.0	25.3	374.0	5.2	NA
V16052B-Spot 28	477	33460	6.6	17.9371	1.5	0.4931	2.1	0.0642	1.5	0.71	401.0	5.7	407.0	6.9	441.4	32.4	401.0	5.7	90.8
V16052B-Spot 6	988	102228	2.8	17.6258	0.9	0.5189	2.0	0.0664	1.8	0.89	414.2	7.2	424.4	7.0	480.3	20.7	414.2	7.2	86.2
V16052B-Spot 232	638	88788	0.7	16.9056	0.9	0.7858	1.4	0.0964	1.1	0.79	593.2	6.3	588.8	6.3	571.7	18.9	593.2	6.3	103.8
V16052B-Spot 173	230	17903	1.9	16.2646	1.0	0.8506	1.6	0.1004	1.3	0.78	616.6	7.4	625.0	7.6	655.2	22.0	616.6	7.4	94.1
V16052B-Spot 177	504	35453	3.8	15.4129	0.8	0.9609	1.8	0.1075	1.6	0.89	658.0	10.1	683.7	9.0	769.5	17.6	658.0	10.1	85.5
V16052B-Spot 33	249	115234	3.0	14.9560	1.0	1.2233	1.9	0.1328	1.6	0.84	803.5	12.0	811.3	10.6	832.6	21.5	803.5	12.0	96.5
V16052B-Spot 153	242	58699	1.2	8.8448	0.9	4.7047	1.7	0.3019	1.5	0.86	1700.9	22.0	1768.1	14.3	1848.4	15.8	1848.4	15.8	92.0
V16052B-Spot 206	1204	565338	22.2	6.0954	0.9	8.8690	1.4	0.3922	1.1	0.76	2133.2	19.7	2324.6	13.0	2497.2	15.7	2497.2	15.7	85.4
Rejected Analyses																			
~~V16052B-Spot 49~~	~~617~~	~~205134~~	~~3.8~~	~~7.3446~~	~~1.5~~	~~4.9507~~	~~2.4~~	~~0.2638~~	~~1.9~~	~~0.78~~	~~1509.4~~	~~24.9~~	~~1810.9~~	~~20.1~~	~~2178.1~~	~~25.9~~	~~2178.1~~	~~25.9~~	~~69.3~~
~~V16052B-Spot 74~~	~~323~~	~~140564~~	~~3.1~~	~~15.3145~~	~~1.1~~	~~0.8259~~	~~1.8~~	~~0.0918~~	~~1.4~~	~~0.80~~	~~566.0~~	~~7.8~~	~~611.3~~	~~8.3~~	~~783.0~~	~~22.8~~	~~566.0~~	~~7.8~~	~~72.3~~
~~V16052B-Spot 98~~	~~577~~	~~609894~~	~~1.4~~	~~6.0778~~	~~0.8~~	~~6.3270~~	~~1.6~~	~~0.2790~~	~~1.4~~	~~0.86~~	~~1586.4~~	~~19.4~~	~~2022.2~~	~~14.0~~	~~2502.1~~	~~13.7~~	~~2502.1~~	~~13.7~~	~~63.4~~
~~V16052B-Spot 106~~	~~24~~	~~12516~~	~~4.7~~	~~12.5649~~	~~2.9~~	~~1.3137~~	~~3.2~~	~~0.1198~~	~~1.2~~	~~0.38~~	~~729.2~~	~~8.4~~	~~851.8~~	~~18.3~~	~~1185.9~~	~~58.0~~	~~1185.9~~	~~58.0~~	~~61.5~~
K3 (100711-3)																			
100711-3-Spot 49	739	151535	1.9	20.2797	1.0	0.2078	1.6	0.0306	1.3	0.81	194.2	2.5	191.7	2.8	161.6	22.6	194.2	2.5	NA
100711-3-Spot 59	139	5867	1.5	20.8172	1.6	0.2037	2.0	0.0308	1.1	0.55	195.4	2.1	188.3	3.4	100.1	38.4	195.4	2.1	NA
100711-3-Spot 247	188	17831	1.6	20.2123	1.5	0.2114	1.9	0.0310	1.3	0.65	196.8	2.4	194.7	3.4	169.4	34.2	196.8	2.4	NA
100711-3-Spot 23	202	957235	1.6	20.0752	1.9	0.2129	2.4	0.0310	1.5	0.61	196.9	2.9	196.0	4.3	185.2	44.3	196.9	2.9	NA
100711-3-Spot 213	324	38097	1.5	20.1680	1.3	0.2120	1.6	0.0310	0.9	0.57	196.9	1.8	195.2	2.9	174.5	31.0	196.9	1.8	NA
100711-3-Spot 74	157	35366	1.5	19.8336	1.5	0.2180	1.9	0.0314	1.2	0.61	199.1	2.3	200.2	3.4	213.4	34.8	199.1	2.3	NA
100711-3-Spot 164	92	12888	1.4	19.7903	2.1	0.2242	2.4	0.0322	1.2	0.51	204.2	2.4	205.4	4.4	218.5	47.6	204.2	2.4	NA
100711-3-Spot 230	147	11001	1.9	20.4245	1.9	0.2182	2.2	0.0323	1.2	0.53	205.1	2.4	200.4	4.0	144.9	43.4	205.1	2.4	NA
100711-3-Spot 263	458	62694	1.2	19.9118	1.2	0.2252	1.7	0.0325	1.1	0.68	206.4	2.3	206.3	3.1	204.3	28.7	206.4	2.3	NA
100711-3-Spot 71	554	35145	0.9	19.9332	1.0	0.2273	1.4	0.0329	1.0	0.70	208.5	2.1	207.9	2.7	201.7	23.6	208.5	2.1	NA
100711-3-Spot 108	217	20538	1.2	20.4985	1.3	0.2222	1.8	0.0331	1.2	0.68	209.6	2.6	203.8	3.4	136.4	31.5	209.6	2.6	NA
100711-3-Spot 237	518	404393	1.9	19.9155	1.0	0.2321	1.4	0.0335	1.0	0.73	212.6	2.2	211.9	2.8	203.8	22.9	212.6	2.2	NA
100711-3-Spot 197	103	5623	2.3	20.5844	1.3	0.2284	1.8	0.0341	1.1	0.65	216.2	2.4	208.8	3.3	126.6	31.4	216.2	2.4	NA
100711-3-Spot 289	176	100841	2.2	19.6906	1.5	0.2411	1.9	0.0344	1.1	0.58	218.3	2.3	219.3	3.7	230.1	35.2	218.3	2.3	NA
100711-3-Spot 9	77	15980	2.2	18.0953	2.2	0.2650	2.6	0.0348	1.4	0.52	220.5	3.0	238.7	5.6	421.9	49.9	220.5	3.0	NA
100711-3-Spot 85	243	38517	2.0	19.6476	1.5	0.2442	1.8	0.0348	1.0	0.55	220.6	2.2	221.9	3.6	235.2	35.2	220.6	2.2	NA
100711-3-Spot 183	471	100857	1.0	19.8103	0.9	0.2436	1.6	0.0350	1.3	0.83	221.8	2.9	221.3	3.2	216.1	21.0	221.8	2.9	NA
100711-3-Spot 96	80	6093	1.6	19.5212	2.1	0.2493	2.4	0.0353	1.2	0.51	223.7	2.7	226.0	4.8	250.0	47.4	223.7	2.7	NA
100711-3-Spot 84	330	61670	1.3	20.0820	1.0	0.2427	1.4	0.0354	1.0	0.71	224.0	2.2	220.6	2.8	184.4	23.3	224.0	2.2	NA
100711-3-Spot 270	218	45317	1.8	18.9715	1.2	0.2569	1.9	0.0354	1.4	0.77	224.0	3.1	232.2	3.8	315.4	27.1	224.0	3.1	NA
100711-3-Spot 198	1007	55237	1.9	19.0554	0.8	0.2559	1.2	0.0354	0.9	0.76	224.1	2.1	231.3	2.6	305.3	18.3	224.1	2.1	NA
100711-3-Spot 211	292	48497	1.0	19.4752	0.9	0.2507	1.5	0.0354	1.2	0.78	224.4	2.6	227.2	3.1	255.5	21.7	224.4	2.6	NA
100711-3-Spot 258	100	27868	1.9	20.2544	2.0	0.2421	2.6	0.0356	1.6	0.63	225.4	3.6	220.1	5.2	164.5	47.8	225.4	3.6	NA
100711-3-Spot 177	2151	444261	1.9	19.4867	1.0	0.2524	1.5	0.0357	1.1	0.75	226.0	2.6	228.5	3.1	254.1	23.4	226.0	2.6	NA
100711-3-Spot 233	942	91321	1.3	19.3852	0.8	0.2542	1.4	0.0358	1.1	0.78	226.5	2.4	230.0	2.8	266.1	19.4	226.5	2.4	NA
100711-3-Spot 283	190	96255	1.6	19.6271	1.3	0.2540	1.6	0.0362	1.0	0.60	229.0	2.2	229.8	3.4	237.6	30.3	229.0	2.2	NA
100711-3-Spot 14	915	137873	1.5	19.8414	0.9	0.2515	1.3	0.0362	0.9	0.74	229.3	2.1	227.8	2.6	212.4	19.8	229.3	2.1	NA

100711-3-Spot 47	771	65160	0.6	19.5362	1.1	0.2563	1.8	0.0363	1.4	0.78	230.1	3.2	231.7	3.7	248.3	26.2	230.1	3.2	NA
100711-3-Spot 33	541	300137	1.4	19.1575	1.4	0.2616	2.0	0.0364	1.5	0.72	230.3	3.3	236.0	4.2	293.1	31.8	230.3	3.3	NA
100711-3-Spot 38	1738	91865	2.0	19.7958	0.9	0.2532	1.6	0.0364	1.3	0.82	230.3	2.9	229.2	3.3	217.8	21.3	230.3	2.9	NA
100711-3-Spot 166	1017	40666	1.5	19.3166	1.0	0.2595	1.3	0.0364	0.9	0.69	230.3	2.1	234.2	2.8	274.2	22.2	230.3	2.1	NA
100711-3-Spot 100	1764	253005	1.6	19.1843	0.8	0.2620	1.3	0.0365	1.1	0.80	230.9	2.4	236.3	2.8	289.9	18.1	230.9	2.4	NA
100711-3-Spot 132	1035	107178	2.0	19.4851	0.9	0.2581	1.5	0.0365	1.2	0.79	231.0	2.7	233.1	3.1	254.3	21.0	231.0	2.7	NA
100711-3-Spot 285	475	210633	2.7	19.0956	0.9	0.2646	1.2	0.0367	0.8	0.69	232.1	1.9	238.4	2.6	300.5	20.2	232.1	1.9	NA
100711-3-Spot 82	553	58418	1.9	19.5443	0.9	0.2586	1.4	0.0367	1.1	0.76	232.1	2.4	233.5	2.9	247.3	20.9	232.1	2.4	NA
100711-3-Spot 153	1858	195368	1.3	19.4749	0.9	0.2598	1.4	0.0367	1.1	0.78	232.4	2.5	234.5	2.9	255.5	20.1	232.4	2.5	NA
100711-3-Spot 98	449	56072	1.1	19.7377	0.8	0.2568	1.3	0.0368	1.0	0.78	232.8	2.3	232.0	2.7	224.6	18.8	232.8	2.3	NA
100711-3-Spot 232	587	36385	2.8	18.8526	1.1	0.2689	1.5	0.0368	1.0	0.69	232.8	2.4	241.8	3.2	329.6	24.8	232.8	2.4	NA
100711-3-Spot 182	671	90421	1.7	19.7662	1.1	0.2564	1.5	0.0368	1.0	0.67	232.8	2.3	231.8	3.2	221.2	26.3	232.8	2.3	NA
100711-3-Spot 28	739	42871	1.8	19.3555	1.1	0.2620	1.5	0.0368	1.1	0.70	233.0	2.4	236.3	3.2	269.6	24.8	233.0	2.4	NA
100711-3-Spot 167	878	177603	2.0	19.2943	0.8	0.2633	1.4	0.0369	1.2	0.82	233.3	2.7	237.3	3.0	276.9	18.7	233.3	2.7	NA
100711-3-Spot 119	1380	324960	1.5	19.5362	0.8	0.2601	1.1	0.0369	0.8	0.72	233.4	1.9	234.8	2.4	248.3	18.1	233.4	1.9	NA
100711-3-Spot 206	764	196056	1.6	19.3943	1.2	0.2625	1.6	0.0369	1.1	0.68	233.8	2.5	236.7	3.4	265.0	27.0	233.8	2.5	NA
100711-3-Spot 93	476	59861	1.7	19.6513	1.1	0.2591	1.4	0.0369	0.9	0.62	233.9	2.0	234.0	2.9	234.7	25.7	233.9	2.0	NA
100711-3-Spot 229	292	12882	1.3	19.9072	1.2	0.2560	1.6	0.0370	1.1	0.66	234.1	2.5	231.5	3.4	204.8	28.4	234.1	2.5	NA
100711-3-Spot 264	462	52137	2.2	19.2770	1.0	0.2646	1.6	0.0370	1.2	0.74	234.3	2.7	238.4	3.3	278.9	23.8	234.3	2.7	NA
100711-3-Spot 146	494	16762	1.4	19.6371	1.1	0.2599	1.5	0.0370	1.0	0.66	234.4	2.3	234.6	3.1	236.4	25.7	234.4	2.3	NA
100711-3-Spot 35	211	34927	1.3	19.4491	1.4	0.2626	1.7	0.0371	1.0	0.59	234.6	2.3	236.8	3.6	258.5	31.6	234.6	2.3	NA
100711-3-Spot 295	553	119502	1.6	19.5005	0.9	0.2620	1.5	0.0371	1.2	0.78	234.6	2.7	236.3	3.1	252.5	21.3	234.6	2.7	NA
100711-3-Spot 185	769	106517	1.4	19.5262	1.1	0.2621	1.7	0.0371	1.3	0.76	235.0	2.9	236.4	3.5	249.4	25.2	235.0	2.9	NA
100711-3-Spot 142	1377	102016	1.9	19.4128	0.7	0.2640	1.2	0.0372	0.9	0.78	235.3	2.1	237.9	2.4	262.8	16.4	235.3	2.1	NA
100711-3-Spot 51	361	86878	1.2	19.7416	1.2	0.2597	1.6	0.0372	1.0	0.66	235.4	2.4	234.4	3.3	224.1	27.2	235.4	2.4	NA
100711-3-Spot 301	423	93685	0.7	19.5486	1.2	0.2622	1.5	0.0372	1.0	0.66	235.4	2.4	236.5	3.3	246.8	26.7	235.4	2.4	NA
100711-3-Spot 279	235	23901	0.6	19.3933	1.4	0.2648	1.7	0.0373	1.0	0.58	235.9	2.3	238.6	3.6	265.1	31.6	235.9	2.3	NA
100711-3-Spot 300	1868	93556	5.3	19.4930	0.6	0.2640	1.1	0.0373	0.9	0.83	236.3	2.1	237.9	2.3	253.4	13.9	236.3	2.1	NA
100711-3-Spot 2	549	221321	2.3	19.5297	0.9	0.2636	1.6	0.0373	1.3	0.83	236.4	3.0	237.5	3.3	249.0	20.1	236.4	3.0	NA
100711-3-Spot 160	549	54876	2.1	19.2735	1.1	0.2673	1.5	0.0374	1.0	0.68	236.6	2.4	240.6	3.3	279.4	25.6	236.6	2.4	NA
100711-3-Spot 105	260	32978	0.9	19.6049	1.2	0.2630	1.5	0.0374	0.9	0.59	236.8	2.0	237.1	3.2	240.2	27.7	236.8	2.0	NA
100711-3-Spot 179	277	99160	1.8	19.6031	1.1	0.2632	1.5	0.0374	0.9	0.64	236.9	2.2	237.2	3.1	240.4	26.2	236.9	2.2	NA
100711-3-Spot 208	958	78489	1.8	19.3375	1.0	0.2668	1.6	0.0374	1.2	0.79	236.9	2.8	240.1	3.3	271.7	22.0	236.9	2.8	NA
100711-3-Spot 79	286	112931	0.9	19.6360	1.1	0.2632	1.5	0.0375	1.0	0.67	237.3	2.3	237.2	3.1	236.5	25.2	237.3	2.3	NA
100711-3-Spot 169	555	2003644	0.6	19.2599	0.9	0.2684	1.5	0.0375	1.2	0.81	237.4	2.9	241.4	3.3	281.0	20.5	237.4	2.9	NA
100711-3-Spot 147	318	25242	1.2	19.4606	0.8	0.2658	1.2	0.0375	0.9	0.73	237.5	2.1	239.3	2.6	257.2	19.2	237.5	2.1	NA
100711-3-Spot 7	419	32778	2.2	17.5158	3.6	0.2958	3.8	0.0376	1.3	0.34	237.9	3.0	263.1	8.8	494.1	79.2	237.9	3.0	NA
100711-3-Spot 241	238	46707	0.7	19.4348	1.3	0.2667	1.6	0.0376	0.9	0.58	238.0	2.1	240.1	3.3	260.3	29.2	238.0	2.1	NA
100711-3-Spot 203	389	316721	2.2	19.4383	1.1	0.2670	1.5	0.0377	1.0	0.68	238.3	2.3	240.3	3.1	259.8	24.8	238.3	2.3	NA
100711-3-Spot 199	332	34285	2.2	19.7319	0.9	0.2633	1.7	0.0377	1.4	0.84	238.5	3.3	237.3	3.5	225.3	20.6	238.5	3.3	NA
100711-3-Spot 299	154	35063	1.6	19.7882	1.3	0.2626	1.9	0.0377	1.4	0.74	238.6	3.3	236.8	4.0	218.7	29.4	238.6	3.3	NA
100711-3-Spot 228	384	7062705	2.1	19.5795	1.2	0.2658	1.6	0.0378	1.1	0.66	238.9	2.5	239.3	3.5	243.2	28.2	238.9	2.5	NA
100711-3-Spot 277	167	605839	1.6	19.4676	1.6	0.2673	1.9	0.0378	1.1	0.55	238.9	2.5	240.5	4.2	256.4	37.3	238.9	2.5	NA
100711-3-Spot 281	438	76363	2.1	19.5791	1.2	0.2658	1.6	0.0378	1.1	0.69	238.9	2.6	239.3	3.5	243.2	27.0	238.9	2.6	NA
100711-3-Spot 99	491	119671	1.9	19.6145	1.0	0.2653	1.5	0.0378	1.2	0.78	238.9	2.8	238.9	3.3	239.1	22.1	238.9	2.8	NA
100711-3-Spot 137	165	31146	1.1	19.5770	1.6	0.2659	1.9	0.0378	1.1	0.55	239.0	2.5	239.4	4.1	243.5	37.1	239.0	2.5	NA
100711-3-Spot 15	996	150275	1.7	19.4023	0.9	0.2686	1.4	0.0378	1.1	0.77	239.3	2.5	241.6	3.0	264.1	20.6	239.3	2.5	NA
100711-3-Spot 298	356	43096	1.4	19.7650	1.0	0.2641	1.5	0.0379	1.0	0.71	239.6	2.4	237.9	3.1	221.4	23.9	239.6	2.4	NA
100711-3-Spot 212	456	48302	2.4	19.8474	0.8	0.2630	1.5	0.0379	1.2	0.84	239.7	2.9	237.1	3.2	211.7	18.8	239.7	2.9	NA
100711-3-Spot 122	284	193133	3.0	19.3783	1.2	0.2695	1.8	0.0379	1.3	0.74	239.7	3.1	242.3	3.8	266.9	27.6	239.7	3.1	NA
100711-3-Spot 186	234	49131	1.5	19.6884	1.0	0.2653	1.6	0.0379	1.2	0.77	239.8	2.9	238.9	3.3	230.3	23.1	239.8	2.9	NA
100711-3-Spot 207	178	17199	1.2	19.7248	1.3	0.2649	1.9	0.0379	1.3	0.71	239.8	3.2	238.6	4.0	226.1	30.9	239.8	3.2	NA
100711-3-Spot 311	159	12336	1.1	19.9138	1.9	0.2626	2.2	0.0379	1.1	0.51	240.1	2.6	236.7	4.6	204.0	43.4	240.1	2.6	NA
100711-3-Spot 165	203	21347	2.1	19.2609	1.6	0.2720	2.0	0.0380	1.2	0.60	240.5	2.7	244.3	4.2	280.9	35.9	240.5	2.7	NA
100711-3-Spot 242	761	1187300	1.6	19.1692	0.7	0.2735	1.5	0.0380	1.3	0.88	240.7	3.0	245.5	3.2	291.7	16.3	240.7	3.0	NA
100711-3-Spot 161	263	40770	1.1	19.3200	1.2	0.2715	1.8	0.0381	1.3	0.73	240.8	3.1	243.9	3.9	273.8	27.9	240.8	3.1	NA
100711-3-Spot 292	291	17931	1.8	19.9941	1.5	0.2624	2.2	0.0381	1.5	0.71	240.9	3.7	236.6	4.6	194.7	35.5	240.9	3.7	NA
100711-3-Spot 129	414	93327	1.7	19.8377	1.0	0.2646	1.4	0.0381	0.9	0.66	241.0	2.2	238.4	2.9	212.9	24.0	241.0	2.2	NA

100711-3-Spot 259	506	46500	2.2	19.3971	1.2	0.2708	1.7	0.0381	1.1	0.65	241.1	2.6	243.4	3.6	264.7	28.6	241.1	2.6	NA
100711-3-Spot 303	578	102479	1.6	19.2724	1.0	0.2727	1.4	0.0381	1.0	0.73	241.3	2.4	244.9	3.1	279.5	22.2	241.3	2.4	NA
100711-3-Spot 310	642	207659	2.1	19.6546	0.9	0.2675	1.5	0.0381	1.2	0.78	241.3	2.8	240.7	3.2	234.4	21.6	241.3	2.8	NA
100711-3-Spot 102	491	276437	0.7	19.2439	0.9	0.2733	1.9	0.0382	1.6	0.88	241.4	3.9	245.3	4.1	282.9	20.7	241.4	3.9	NA
100711-3-Spot 26	431	258081	2.8	19.8177	1.1	0.2655	1.7	0.0382	1.3	0.78	241.6	3.2	239.1	3.7	215.2	24.9	241.6	3.2	NA
100711-3-Spot 218	186	72318	2.0	19.5510	1.4	0.2692	1.9	0.0382	1.2	0.65	241.6	2.9	242.1	4.0	246.5	32.7	241.6	2.9	NA
100711-3-Spot 6	905	63774	2.1	19.4989	1.0	0.2702	1.3	0.0382	0.9	0.69	241.9	2.2	242.9	2.8	252.7	21.9	241.9	2.2	NA
100711-3-Spot 69	263	60101	1.2	19.6314	1.5	0.2687	2.2	0.0383	1.6	0.72	242.1	3.7	241.6	4.6	237.0	34.4	242.1	3.7	NA
100711-3-Spot 72	286	14507	2.0	20.0993	1.4	0.2624	1.7	0.0383	1.0	0.58	242.1	2.3	236.6	3.5	182.4	31.7	242.1	2.3	NA
100711-3-Spot 267	391	106528	1.4	19.4913	1.1	0.2712	1.5	0.0384	1.1	0.68	242.6	2.5	243.6	3.4	253.6	26.1	242.6	2.5	NA
100711-3-Spot 178	814	76451	2.0	19.7492	0.8	0.2678	1.3	0.0384	1.1	0.81	242.7	2.5	240.9	2.8	223.3	17.7	242.7	2.5	NA
100711-3-Spot 222	513	27198	2.1	19.9280	1.0	0.2655	1.4	0.0384	0.9	0.64	242.8	2.1	239.1	2.9	202.3	24.2	242.8	2.1	NA
100711-3-Spot 302	232	20344	1.5	19.6623	1.3	0.2691	1.6	0.0384	1.1	0.65	242.9	2.6	242.0	3.5	233.5	28.8	242.9	2.6	NA
100711-3-Spot 41	776	509567	2.3	19.4845	0.8	0.2716	1.3	0.0384	1.1	0.81	242.9	2.6	244.0	2.8	254.3	17.5	242.9	2.6	NA
100711-3-Spot 13	247	93933	2.2	19.6953	1.3	0.2689	1.7	0.0384	1.1	0.64	243.1	2.7	241.8	3.7	229.5	30.6	243.1	2.7	NA
100711-3-Spot 94	555	112796	1.7	19.5971	1.0	0.2703	1.3	0.0384	0.8	0.63	243.1	1.9	242.9	2.8	241.1	23.0	243.1	1.9	NA
100711-3-Spot 155	432	196250	1.5	19.5046	0.9	0.2716	1.2	0.0384	0.7	0.61	243.1	1.7	244.0	2.6	252.0	21.8	243.1	1.7	NA
100711-3-Spot 244	469	179951	2.0	19.2529	1.2	0.2756	1.6	0.0385	1.0	0.66	243.5	2.4	247.2	3.4	281.8	26.8	243.5	2.4	NA
100711-3-Spot 201	329	21130	1.7	20.1146	1.1	0.2644	1.7	0.0386	1.2	0.74	244.1	2.9	238.2	3.5	180.7	26.3	244.1	2.9	NA
100711-3-Spot 44	72	4718	1.5	20.1933	2.1	0.2637	2.5	0.0386	1.4	0.53	244.4	3.2	237.7	5.4	171.6	50.0	244.4	3.2	NA
100711-3-Spot 40	462	118589	2.5	19.2772	1.2	0.2764	1.7	0.0387	1.1	0.69	244.5	2.8	247.8	3.7	278.9	27.7	244.5	2.8	NA
100711-3-Spot 297	1337	70187	2.3	19.4430	0.9	0.2744	1.5	0.0387	1.2	0.80	244.8	3.0	246.2	3.4	259.2	21.2	244.8	3.0	NA
100711-3-Spot 251	284	37523	1.4	19.5343	1.1	0.2731	1.4	0.0387	0.8	0.61	244.8	2.0	245.2	3.0	248.5	24.7	244.8	2.0	NA
100711-3-Spot 77	81	6144	0.8	20.3650	1.9	0.2625	2.1	0.0388	0.9	0.43	245.3	2.2	236.7	4.5	151.8	45.3	245.3	2.2	NA
100711-3-Spot 284	692	103938	1.3	19.6065	1.1	0.2731	1.5	0.0389	1.1	0.70	245.7	2.6	245.2	3.3	240.0	25.2	245.7	2.6	NA
100711-3-Spot 62	396	365874	2.1	19.4460	1.0	0.2756	1.6	0.0389	1.2	0.76	245.9	2.9	247.1	3.5	258.9	23.5	245.9	2.9	NA
100711-3-Spot 67	900	40192	0.7	19.3091	0.7	0.2775	1.4	0.0389	1.2	0.88	245.9	2.9	248.7	3.1	275.1	15.4	245.9	2.9	NA
100711-3-Spot 152	229	32157	2.2	19.2857	1.1	0.2779	1.7	0.0389	1.3	0.76	246.0	3.2	249.0	3.9	277.9	25.8	246.0	3.2	NA
100711-3-Spot 156	369	20910	2.2	19.8667	1.4	0.2699	1.8	0.0389	1.2	0.65	246.1	2.8	242.6	3.9	209.5	31.5	246.1	2.8	NA
100711-3-Spot 149	225	16319	2.2	19.2479	1.6	0.2787	2.3	0.0389	1.7	0.73	246.2	4.2	249.6	5.2	282.4	36.6	246.2	4.2	NA
100711-3-Spot 30	258	42222	1.5	19.2289	1.8	0.2791	2.3	0.0389	1.5	0.64	246.3	3.6	249.9	5.2	284.7	41.0	246.3	3.6	NA
100711-3-Spot 194	153	797524	0.9	19.7795	1.3	0.2717	1.8	0.0390	1.3	0.70	246.6	3.1	244.1	3.9	219.7	29.7	246.6	3.1	NA
100711-3-Spot 240	464	85000	1.6	19.4327	0.9	0.2770	1.4	0.0391	1.0	0.77	247.0	2.5	248.3	3.0	260.5	20.1	247.0	2.5	NA
100711-3-Spot 52	168	36444	0.9	19.7472	1.3	0.2726	1.7	0.0391	1.1	0.66	247.0	2.7	244.8	3.7	223.5	29.2	247.0	2.7	NA
100711-3-Spot 226	349	106551	1.4	19.7411	1.2	0.2728	1.5	0.0391	1.0	0.64	247.1	2.4	244.9	3.3	224.2	27.1	247.1	2.4	NA
100711-3-Spot 126	448	59450	2.5	19.5322	0.9	0.2757	1.3	0.0391	0.9	0.74	247.1	2.3	247.3	2.8	248.7	19.6	247.1	2.3	NA
100711-3-Spot 106	412	14548	1.2	18.6940	1.6	0.2890	1.9	0.0392	1.0	0.53	247.9	2.4	257.8	4.2	348.8	35.7	247.9	2.4	NA
100711-3-Spot 231	71	4996	1.4	20.4310	3.1	0.2659	3.4	0.0394	1.4	0.42	249.3	3.5	239.4	7.2	144.2	71.9	249.3	3.5	NA
100711-3-Spot 175	217	92421	1.4	19.2235	1.4	0.2834	1.9	0.0395	1.3	0.69	249.9	3.1	253.3	4.2	285.3	30.9	249.9	3.1	NA
100711-3-Spot 216	301	115193	1.6	19.7296	1.0	0.2768	1.6	0.0396	1.2	0.75	250.5	2.9	248.1	3.4	225.6	23.7	250.5	2.9	NA
100711-3-Spot 116	246	94902	2.1	19.2760	1.1	0.2834	1.7	0.0396	1.3	0.77	250.6	3.2	253.4	3.8	279.1	25.2	250.6	3.2	NA
100711-3-Spot 48	630	175247	1.2	19.6197	0.9	0.2793	1.5	0.0398	1.2	0.78	251.4	2.9	250.1	3.3	238.4	21.4	251.4	2.9	NA
100711-3-Spot 181	82	4559	1.2	18.0050	3.7	0.3067	4.3	0.0401	2.2	0.52	253.3	5.5	271.6	10.3	433.0	82.9	253.3	5.5	NA
100711-3-Spot 63	135	385589	1.0	19.9945	1.5	0.2764	1.9	0.0401	1.2	0.61	253.4	2.9	247.8	4.2	194.6	35.1	253.4	2.9	NA
100711-3-Spot 173	616	107113	1.5	19.4491	1.0	0.2861	1.4	0.0404	1.1	0.74	255.1	2.6	255.5	3.2	258.5	22.0	255.1	2.6	NA
100711-3-Spot 5	197	23370	1.3	19.9693	1.6	0.2794	2.0	0.0405	1.3	0.64	255.8	3.3	250.1	4.5	197.5	36.1	255.8	3.3	NA
100711-3-Spot 163	165	10938	2.3	19.5045	1.8	0.2873	2.2	0.0407	1.2	0.56	256.9	3.1	256.4	5.0	252.0	42.3	256.9	3.1	NA
100711-3-Spot 195	1144	437692	1.3	19.1504	0.8	0.2929	1.6	0.0407	1.3	0.86	257.2	3.4	260.9	3.6	294.0	18.5	257.2	3.4	NA
100711-3-Spot 90	164	15136	2.0	17.8788	2.8	0.3155	3.1	0.0409	1.3	0.43	258.6	3.4	278.5	7.6	448.7	62.1	258.6	3.4	NA
100711-3-Spot 21	140	25504	1.2	18.9393	1.9	0.3007	2.4	0.0413	1.4	0.60	261.0	3.7	266.9	5.6	319.3	43.6	261.0	3.7	NA
100711-3-Spot 239	959	16959	1.0	17.8775	1.4	0.3186	2.5	0.0413	2.1	0.83	261.1	5.3	280.8	6.2	448.8	31.2	261.1	5.3	NA
100711-3-Spot 103	119	105725	2.4	18.8194	1.5	0.3068	1.8	0.0419	1.0	0.56	264.6	2.6	271.7	4.3	333.6	34.0	264.6	2.6	NA
100711-3-Spot 150	643	47527	1.9	19.2104	0.9	0.3009	1.4	0.0419	1.1	0.76	264.9	2.7	267.1	3.3	286.8	20.8	264.9	2.7	NA
100711-3-Spot 101	610	57228	1.0	19.2153	0.9	0.3020	1.4	0.0421	1.1	0.78	265.9	2.8	268.0	3.3	286.3	19.8	265.9	2.8	NA
100711-3-Spot 80	92	11253	2.6	20.0471	1.8	0.2934	2.3	0.0427	1.3	0.58	269.4	3.5	261.3	5.2	188.5	43.0	269.4	3.5	NA
100711-3-Spot 65	2955	893826	2.0	18.5945	0.9	0.3178	1.6	0.0429	1.3	0.82	270.7	3.4	280.2	3.9	360.8	20.2	270.7	3.4	NA
100711-3-Spot 312	123	56177	1.7	19.5083	1.4	0.3063	1.7	0.0434	1.0	0.60	273.6	2.8	271.3	4.1	251.6	31.8	273.6	2.8	NA
100711-3-Spot 4	624	78536	1.0	19.2789	0.9	0.3119	1.8	0.0436	1.5	0.84	275.3	4.0	275.7	4.2	278.7	21.7	275.3	4.0	NA

100711-3-Spot 124	954	57637730	1.0	19.1352	0.7	0.3167	1.3	0.0440	1.2	0.87	277.4	3.1	279.4	3.3	295.8	15.2	277.4	3.1	NA
100711-3-Spot 20	525	83048	1.3	19.1391	1.0	0.3202	1.6	0.0445	1.2	0.76	280.5	3.3	282.1	3.9	295.3	23.5	280.5	3.3	NA
100711-3-Spot 92	95	27929	1.0	19.2395	1.8	0.3200	2.0	0.0447	0.9	0.47	281.8	2.6	281.9	4.9	283.4	40.1	281.8	2.6	NA
100711-3-Spot 158	962	91880	0.9	19.1752	0.9	0.3217	1.5	0.0448	1.2	0.80	282.3	3.4	283.2	3.8	291.1	20.9	282.3	3.4	NA
100711-3-Spot 97	335	87190	0.7	19.5582	0.9	0.3162	1.3	0.0449	1.0	0.73	283.0	2.7	279.0	3.2	245.7	20.6	283.0	2.7	NA
100711-3-Spot 209	360	110800	1.3	19.2060	0.9	0.3240	1.6	0.0452	1.3	0.82	284.7	3.7	285.0	4.0	287.4	21.3	284.7	3.7	NA
100711-3-Spot 262	404	114971	1.5	19.2744	1.1	0.3233	1.6	0.0452	1.2	0.72	285.0	3.3	284.4	4.0	279.2	25.8	285.0	3.3	NA
100711-3-Spot 288	375	55112	1.3	18.4624	1.3	0.3376	1.6	0.0452	1.0	0.59	285.2	2.7	295.4	4.2	376.9	29.6	285.2	2.7	NA
100711-3-Spot 89	282	108775	1.1	19.4290	1.0	0.3211	1.3	0.0453	0.8	0.60	285.4	2.2	282.7	3.2	260.9	23.7	285.4	2.2	NA
100711-3-Spot 274	1204	57053	0.5	18.6382	0.9	0.3369	1.6	0.0456	1.3	0.83	287.2	3.8	294.8	4.1	355.5	20.3	287.2	3.8	NA
100711-3-Spot 113	568	159972	0.7	19.0685	0.9	0.3308	1.2	0.0458	0.8	0.65	288.5	2.3	290.2	3.1	303.8	21.4	288.5	2.3	NA
100711-3-Spot 50	604	68068	3.2	18.9350	1.1	0.3343	1.4	0.0459	0.9	0.63	289.5	2.6	292.9	3.7	319.8	25.6	289.5	2.6	NA
100711-3-Spot 215	3328	77819	0.2	18.6423	1.1	0.3409	1.7	0.0461	1.3	0.77	290.6	3.7	297.8	4.4	355.0	24.3	290.6	3.7	NA
100711-3-Spot 235	279	93102	1.0	19.0763	0.8	0.3343	1.4	0.0463	1.1	0.79	291.6	3.1	292.9	3.5	302.8	19.1	291.6	3.1	NA
100711-3-Spot 151	1629	131937	1.7	18.7038	0.8	0.3412	1.2	0.0463	0.9	0.76	291.8	2.5	298.1	3.0	347.6	17.2	291.8	2.5	NA
100711-3-Spot 157	446	316472	1.0	19.1830	0.8	0.3333	1.4	0.0464	1.1	0.84	292.4	3.3	292.1	3.5	290.1	17.2	292.4	3.3	NA
100711-3-Spot 123	1410	122799	1.2	19.0342	0.7	0.3366	1.3	0.0465	1.1	0.85	292.9	3.2	294.6	3.3	307.8	15.3	292.9	3.2	NA
100711-3-Spot 115	236	35426	1.0	19.4819	1.0	0.3292	1.5	0.0465	1.1	0.73	293.2	3.2	288.9	3.8	254.7	23.9	293.2	3.2	NA
100711-3-Spot 114	198	24734	1.8	19.4505	1.3	0.3300	1.6	0.0466	0.9	0.60	293.5	2.7	289.6	4.0	258.4	29.3	293.5	2.7	NA
100711-3-Spot 172	599	110112	1.8	18.9459	0.9	0.3399	1.4	0.0467	1.1	0.77	294.4	3.1	297.1	3.6	318.4	20.2	294.4	3.1	NA
100711-3-Spot 248	1011	44974	2.1	18.8469	1.0	0.3426	1.5	0.0469	1.1	0.73	295.2	3.2	299.2	3.9	330.4	23.2	295.2	3.2	NA
100711-3-Spot 121	247	16457	1.1	19.3269	1.0	0.3352	1.4	0.0470	1.0	0.71	296.1	2.9	293.5	3.6	273.0	22.6	296.1	2.9	NA
100711-3-Spot 117	154	23567	1.1	19.3288	1.3	0.3353	1.7	0.0470	1.1	0.63	296.2	3.1	293.6	4.4	272.7	30.7	296.2	3.1	NA
100711-3-Spot 91	1682	902369	1.9	18.9549	0.7	0.3420	1.3	0.0470	1.1	0.85	296.3	3.2	298.7	3.4	317.3	16.0	296.3	3.2	NA
100711-3-Spot 61	1093	120152	1.9	18.9618	0.9	0.3424	1.4	0.0471	1.1	0.76	296.8	3.1	299.0	3.7	316.5	21.0	296.8	3.1	NA
100711-3-Spot 280	942	828215	3.6	18.7122	0.8	0.3482	1.5	0.0473	1.2	0.84	297.8	3.6	303.3	3.8	346.6	17.7	297.8	3.6	NA
100711-3-Spot 306	494	2433303	2.4	18.8023	0.9	0.3465	1.4	0.0473	1.1	0.76	297.8	3.1	302.1	3.6	335.7	20.5	297.8	3.1	NA
100711-3-Spot 254	850	563669	0.8	18.6595	0.9	0.3496	1.6	0.0473	1.3	0.84	298.1	3.8	304.4	4.1	353.0	19.5	298.1	3.8	NA
100711-3-Spot 256	485	105662	2.2	19.0211	1.1	0.3432	1.4	0.0474	1.0	0.67	298.4	2.8	299.6	3.7	309.4	23.9	298.4	2.8	NA
100711-3-Spot 196	1206	235842	3.4	18.9443	0.9	0.3447	1.4	0.0474	1.0	0.74	298.4	2.9	300.7	3.6	318.6	21.0	298.4	2.9	NA
100711-3-Spot 220	1613	409813	2.9	18.9424	0.7	0.3453	1.1	0.0475	0.8	0.78	298.9	2.5	301.2	2.9	318.8	15.7	298.9	2.5	NA
100711-3-Spot 290	222	45090	1.0	18.7458	1.1	0.3502	1.4	0.0476	0.9	0.62	300.0	2.6	304.9	3.7	342.5	25.0	300.0	2.6	NA
100711-3-Spot 286	1116	286340	1.4	19.0558	0.9	0.3456	1.7	0.0478	1.4	0.83	300.9	4.0	301.4	4.3	305.3	21.4	300.9	4.0	NA
100711-3-Spot 134	67	21092	0.8	19.1396	2.1	0.3448	2.4	0.0479	1.1	0.47	301.5	3.3	300.8	6.3	295.3	48.4	301.5	3.3	NA
100711-3-Spot 224	575	498228	2.7	19.3725	0.8	0.3408	1.2	0.0479	0.9	0.74	301.6	2.5	297.8	3.0	267.6	17.9	301.6	2.5	NA
100711-3-Spot 143	1268	240960	2.2	18.9664	0.7	0.3490	1.2	0.0480	0.9	0.79	302.4	2.7	304.0	3.1	316.0	16.1	302.4	2.7	NA
100711-3-Spot 249	3151	93954	0.2	18.6348	0.9	0.3557	1.6	0.0481	1.4	0.83	302.8	4.0	309.0	4.4	355.9	20.6	302.8	4.0	NA
100711-3-Spot 131	585	174079	0.8	18.4591	1.1	0.3596	1.9	0.0482	1.6	0.82	303.2	4.7	311.9	5.2	377.3	25.3	303.2	4.7	NA
100711-3-Spot 315	256	47300	2.6	19.1470	1.2	0.3474	1.6	0.0483	1.1	0.70	303.8	3.3	302.8	4.2	294.4	26.5	303.8	3.3	NA
100711-3-Spot 252	400	330442	1.1	18.8244	0.8	0.3535	1.3	0.0483	1.0	0.78	304.0	3.1	307.4	3.5	333.0	18.8	304.0	3.1	NA
100711-3-Spot 34	998	210371	0.9	18.7802	0.9	0.3544	1.4	0.0483	1.1	0.79	304.1	3.3	308.1	3.7	338.4	19.6	304.1	3.3	NA
100711-3-Spot 1	201	22131	1.2	18.9635	1.2	0.3521	1.6	0.0485	1.0	0.62	305.0	2.9	306.3	4.1	316.3	27.8	305.0	2.9	NA
100711-3-Spot 37	610	339336	1.2	19.1190	0.9	0.3495	1.2	0.0485	0.8	0.65	305.2	2.3	304.3	3.1	297.7	20.3	305.2	2.3	NA
100711-3-Spot 168	512	146819	1.1	18.5998	1.1	0.3594	1.6	0.0485	1.1	0.69	305.3	3.2	311.8	4.2	360.2	25.8	305.3	3.2	NA
100711-3-Spot 271	504	51305	1.9	18.8889	0.8	0.3548	1.3	0.0486	0.9	0.75	306.1	2.8	308.3	3.3	325.3	18.8	306.1	2.8	NA
100711-3-Spot 190	524	103587	1.5	18.9729	0.9	0.3537	1.5	0.0487	1.3	0.83	306.5	3.9	307.5	4.1	315.2	19.3	306.5	3.9	NA
100711-3-Spot 210	436	47198	4.1	18.7967	0.9	0.3582	1.3	0.0489	1.0	0.77	307.5	3.1	310.9	3.6	336.4	19.3	307.5	3.1	NA
100711-3-Spot 205	2406	61229	1.1	18.2427	1.1	0.3697	1.4	0.0489	1.0	0.67	308.0	2.9	319.4	4.0	403.7	24.2	308.0	2.9	NA
100711-3-Spot 171	837	22576	2.7	16.0838	3.3	0.4205	3.5	0.0491	1.1	0.30	308.8	3.2	356.4	10.5	679.2	71.0	308.8	3.2	NA
100711-3-Spot 58	506	240906	1.6	18.9969	1.0	0.3565	1.6	0.0491	1.3	0.80	309.2	3.9	309.6	4.4	312.3	22.5	309.2	3.9	NA
100711-3-Spot 22	354	39040	4.9	18.7267	1.2	0.3629	1.5	0.0493	1.0	0.63	310.3	2.9	314.4	4.1	344.8	26.2	310.3	2.9	NA
100711-3-Spot 170	1701	116153	28.4	19.0127	1.2	0.3578	1.7	0.0494	1.3	0.74	310.6	3.9	310.6	4.6	310.4	26.3	310.6	3.9	NA
100711-3-Spot 253	742	31079	2.9	17.1906	1.7	0.3968	2.1	0.0495	1.3	0.60	311.4	3.8	339.3	6.0	535.2	36.6	311.4	3.8	NA
100711-3-Spot 81	187	40471	3.4	18.4706	1.3	0.3698	1.6	0.0496	0.9	0.57	311.8	2.8	319.5	4.4	375.9	29.8	311.8	2.8	NA
100711-3-Spot 32	2509	113635	1.4	18.3379	1.0	0.3732	1.2	0.0497	0.8	0.61	312.4	2.3	322.0	3.4	392.1	22.0	312.4	2.3	NA
100711-3-Spot 296	790	82064	2.9	18.8669	0.9	0.3629	1.5	0.0497	1.2	0.80	312.6	3.6	314.4	4.0	328.0	20.4	312.6	3.6	NA
100711-3-Spot 257	752	907950	1.6	18.6167	0.8	0.3687	1.3	0.0498	1.1	0.80	313.3	3.3	318.7	3.7	358.1	18.1	313.3	3.3	NA
100711-3-Spot 243	450	55050	5.2	18.5125	1.0	0.3713	1.3	0.0499	0.9	0.64	313.8	2.6	320.6	3.7	370.8	23.2	313.8	2.6	NA

100711-3-Spot 86	2275	589252	1.2	18.7520	0.7	0.3667	1.5	0.0499	1.3	0.88	313.9	4.1	317.2	4.1	341.8	16.2	313.9	4.1	NA
100711-3-Spot 73	1431	558155	4.4	19.1695	0.9	0.3588	1.4	0.0499	1.0	0.76	314.0	3.2	311.3	3.7	291.7	20.7	314.0	3.2	NA
100711-3-Spot 88	508	10885246	3.3	18.8824	0.9	0.3643	1.5	0.0499	1.2	0.81	314.0	3.7	315.4	4.1	326.0	20.1	314.0	3.7	NA
100711-3-Spot 11	388	49936	4.0	18.7985	1.3	0.3662	1.8	0.0500	1.3	0.71	314.2	3.9	316.8	4.9	336.2	29.1	314.2	3.9	NA
100711-3-Spot 159	308	100349	1.6	19.0295	1.2	0.3620	1.7	0.0500	1.2	0.71	314.4	3.7	313.7	4.6	308.5	27.1	314.4	3.7	NA
100711-3-Spot 278	429	24745	1.7	18.9804	1.0	0.3644	1.6	0.0502	1.2	0.79	315.6	3.8	315.5	4.2	314.3	21.6	315.6	3.8	NA
100711-3-Spot 192	2072	91203	1.6	18.4583	0.9	0.3751	1.4	0.0502	1.0	0.73	316.0	3.1	323.5	3.8	377.4	21.0	316.0	3.1	NA
100711-3-Spot 104	554	178077	3.0	19.0185	1.0	0.3645	1.4	0.0503	0.9	0.67	316.3	2.8	315.6	3.7	309.8	23.2	316.3	2.8	NA
100711-3-Spot 75	1796	579712	1.7	18.8474	0.7	0.3682	1.6	0.0504	1.4	0.88	316.7	4.2	318.4	4.2	330.3	16.6	316.7	4.2	NA
100711-3-Spot 266	1061	141732	1.4	18.7388	0.9	0.3710	1.4	0.0504	1.1	0.79	317.3	3.5	320.4	3.9	343.4	19.7	317.3	3.5	NA
100711-3-Spot 145	373	42624	1.6	18.9633	1.0	0.3670	1.4	0.0505	1.0	0.71	317.5	3.0	317.4	3.7	316.3	21.7	317.5	3.0	NA
100711-3-Spot 29	243	47631	2.3	18.9538	1.2	0.3681	1.8	0.0506	1.3	0.74	318.4	4.2	318.2	5.0	317.5	28.1	318.4	4.2	NA
100711-3-Spot 76	266	95466	3.2	18.5948	1.0	0.3786	1.5	0.0511	1.1	0.74	321.1	3.6	326.0	4.3	360.8	23.5	321.1	3.6	NA
100711-3-Spot 141	1073	135908	0.9	18.8112	0.9	0.3747	1.4	0.0511	1.1	0.78	321.5	3.4	323.1	3.8	334.6	19.6	321.5	3.4	NA
100711-3-Spot 66	1546	90287	2.1	18.6512	0.9	0.3793	1.3	0.0513	0.9	0.69	322.7	2.8	326.5	3.6	353.9	20.9	322.7	2.8	NA
100711-3-Spot 70	656	434135	1.3	18.9639	0.9	0.3735	1.3	0.0514	0.8	0.67	323.1	2.7	322.2	3.5	316.3	21.4	323.1	2.7	NA
100711-3-Spot 176	1550	119939	1.4	18.5036	0.7	0.3833	1.3	0.0515	1.1	0.85	323.5	3.5	329.5	3.7	371.9	15.7	323.5	3.5	NA
100711-3-Spot 189	1179	113418	1.2	18.6315	0.8	0.3807	1.3	0.0515	1.0	0.81	323.5	3.2	327.6	3.6	356.3	16.9	323.5	3.2	NA
100711-3-Spot 219	1584	158423	0.9	18.8977	0.8	0.3756	1.2	0.0515	1.0	0.78	323.7	3.1	323.8	3.4	324.2	17.5	323.7	3.1	NA
100711-3-Spot 118	1001	239382	1.0	18.7481	0.7	0.3800	1.3	0.0517	1.1	0.82	324.9	3.4	327.1	3.6	342.3	16.8	324.9	3.4	NA
100711-3-Spot 135	536	341099	1.1	18.6158	0.8	0.3837	1.3	0.0518	1.0	0.75	325.7	3.1	329.7	3.6	358.2	19.0	325.7	3.1	NA
100711-3-Spot 276	887	109179	3.9	18.6550	0.9	0.3845	1.5	0.0520	1.2	0.81	327.0	3.9	330.3	4.3	353.5	20.1	327.0	3.9	NA
100711-3-Spot 217	363	39227	1.4	18.7918	0.9	0.3818	1.4	0.0521	1.1	0.75	327.2	3.4	328.4	4.0	337.0	21.2	327.2	3.4	NA
100711-3-Spot 95	383	52906	1.9	18.9456	0.8	0.3793	1.5	0.0521	1.2	0.83	327.7	3.9	326.6	4.1	318.5	18.9	327.7	3.9	NA
100711-3-Spot 87	1425	128471	1.7	18.8440	0.8	0.3819	1.3	0.0522	1.1	0.80	328.1	3.4	328.4	3.7	330.7	17.9	328.1	3.4	NA
100711-3-Spot 268	143	90036	1.4	18.7808	1.2	0.3854	1.6	0.0525	1.0	0.65	329.9	3.3	331.0	4.4	338.3	26.9	329.9	3.3	NA
100711-3-Spot 204	412	46234	1.0	18.9315	1.0	0.3825	1.7	0.0525	1.3	0.77	330.1	4.1	328.9	4.6	320.2	23.8	330.1	4.1	NA
100711-3-Spot 78	1524	207963	2.5	18.8173	0.6	0.3883	1.1	0.0530	1.0	0.85	333.0	3.1	333.1	3.2	333.9	13.7	333.0	3.1	NA
100711-3-Spot 313	1352	96617	1.7	18.2500	0.9	0.4008	1.6	0.0531	1.4	0.84	333.3	4.4	342.2	4.7	402.8	19.8	333.3	4.4	NA
100711-3-Spot 287	153	245881	1.7	18.5453	1.2	0.3947	1.8	0.0531	1.4	0.75	333.6	4.5	337.8	5.2	366.8	26.9	333.6	4.5	NA
100711-3-Spot 180	928	100154	1.8	18.8809	0.8	0.3882	1.5	0.0532	1.3	0.84	334.0	4.1	333.1	4.3	326.3	18.9	334.0	4.1	NA
100711-3-Spot 174	724	104697	3.0	19.2132	0.8	0.3819	1.8	0.0532	1.6	0.89	334.4	5.2	328.5	5.1	286.5	18.9	334.4	5.2	NA
100711-3-Spot 148	623	2367080	2.4	18.6792	1.2	0.3932	1.7	0.0533	1.2	0.71	334.7	3.8	336.7	4.7	350.6	26.4	334.7	3.8	NA
100711-3-Spot 19	744	110095	2.0	18.9011	0.9	0.3893	1.3	0.0534	1.0	0.74	335.3	3.1	333.8	3.7	323.8	19.9	335.3	3.1	NA
100711-3-Spot 214	508	286884	2.2	18.8100	0.9	0.3912	1.4	0.0534	1.1	0.77	335.3	3.5	335.2	3.9	334.8	19.8	335.3	3.5	NA
100711-3-Spot 46	319	118645	2.9	18.8847	1.0	0.3898	1.4	0.0534	1.1	0.74	335.4	3.5	334.2	4.1	325.8	21.9	335.4	3.5	NA
100711-3-Spot 261	456	73750	1.9	18.5957	1.1	0.3963	1.6	0.0535	1.1	0.71	335.8	3.7	339.0	4.6	360.7	25.3	335.8	3.7	NA
100711-3-Spot 83	843	109687	0.9	18.9038	0.9	0.3904	1.5	0.0536	1.2	0.81	336.3	3.8	334.7	4.2	323.5	19.6	336.3	3.8	NA
100711-3-Spot 282	205	51422	2.0	19.1256	1.6	0.3871	2.1	0.0537	1.4	0.67	337.4	4.6	332.3	5.9	296.9	35.5	337.4	4.6	NA
100711-3-Spot 55	414	102751	2.1	19.1938	1.0	0.3872	1.5	0.0539	1.2	0.77	338.6	3.9	332.3	4.4	288.8	22.6	338.6	3.9	NA
100711-3-Spot 138	847	15726	2.4	16.4651	2.6	0.4516	2.9	0.0540	1.4	0.47	338.7	4.5	378.4	9.2	628.9	55.1	338.7	4.5	NA
100711-3-Spot 294	520	38399	1.3	18.8057	0.9	0.3954	1.3	0.0540	1.0	0.73	338.8	3.2	338.3	3.9	335.3	20.8	338.8	3.2	NA
100711-3-Spot 56	355	98091	2.9	18.5568	0.9	0.4030	1.2	0.0543	0.8	0.66	340.7	2.8	343.9	3.6	365.4	21.0	340.7	2.8	NA
100711-3-Spot 227	258	102613	1.5	18.7590	1.0	0.3989	1.6	0.0543	1.3	0.81	340.9	4.4	340.9	4.7	340.9	21.9	340.9	4.4	NA
100711-3-Spot 57	327	31471	3.3	18.8130	1.1	0.3978	1.5	0.0543	1.1	0.69	340.9	3.5	340.1	4.4	334.4	25.1	340.9	3.5	NA
100711-3-Spot 127	586	68814	3.3	18.5369	0.7	0.4045	1.2	0.0544	1.0	0.84	341.5	3.5	344.9	3.6	367.8	15.2	341.5	3.5	NA
100711-3-Spot 308	408	39151	1.8	18.9650	0.8	0.3988	1.3	0.0549	1.0	0.76	344.4	3.3	340.7	3.7	316.1	19.0	344.4	3.3	NA
100711-3-Spot 202	888	691397	3.6	18.2240	0.7	0.4180	1.3	0.0553	1.0	0.81	346.8	3.5	354.6	3.8	406.0	16.7	346.8	3.5	NA
100711-3-Spot 42	144	2780	1.6	8.8495	13.9	0.8622	14.5	0.0554	4.1	0.28	347.4	14.0	631.3	68.4	1847.4	253.3	347.4	14.0	NA
100711-3-Spot 25	363	33795	0.9	18.7275	1.0	0.4093	1.5	0.0556	1.1	0.73	348.9	3.7	348.4	4.4	344.7	23.1	348.9	3.7	NA
100711-3-Spot 3	539	105246	6.6	18.4598	1.0	0.4309	1.4	0.0577	1.0	0.73	361.7	3.6	363.8	4.3	377.2	21.6	361.7	3.6	NA
100711-3-Spot 314	183	43971	1.6	18.6107	1.0	0.4312	1.4	0.0582	0.9	0.69	364.9	3.3	364.0	4.2	358.9	22.3	364.9	3.3	NA
100711-3-Spot 36	915	60517	1.2	18.8411	0.8	0.4279	1.5	0.0585	1.3	0.84	366.5	4.5	361.7	4.6	331.0	18.6	366.5	4.5	NA
100711-3-Spot 128	205	25538	2.3	18.2538	1.0	0.4478	1.4	0.0593	1.0	0.72	371.4	3.7	375.7	4.4	402.4	22.0	371.4	3.7	NA
100711-3-Spot 223	617	204066	3.1	18.4254	0.9	0.4466	1.6	0.0597	1.2	0.80	373.8	4.5	374.9	4.9	381.4	21.1	373.8	4.5	NA
100711-3-Spot 140	230	13277	0.5	18.2551	1.2	0.4590	1.8	0.0608	1.3	0.73	380.4	4.9	383.5	5.8	402.2	27.9	380.4	4.9	NA
100711-3-Spot 255	138	36136	2.4	18.5545	1.4	0.4540	1.9	0.0611	1.2	0.64	382.4	4.4	380.0	5.9	365.7	32.1	382.4	4.4	NA
100711-3-Spot 260	101	11705	1.8	18.8366	1.0	0.4480	1.5	0.0612	1.1	0.74	383.1	4.1	375.9	4.7	331.6	22.9	383.1	4.1	NA

100711-3-Spot 234	299	507063	2.9	17.9639	1.0	0.4702	1.4	0.0613	1.0	0.72	383.5	3.8	391.4	4.6	438.1	22.0	383.5	3.8	NA
100711-3-Spot 187	216	37258	2.6	18.3406	1.0	0.4642	1.4	0.0618	1.0	0.68	386.4	3.6	387.2	4.6	391.7	23.4	386.4	3.6	NA
100711-3-Spot 43	428	132907	1.6	18.2830	0.9	0.4743	1.4	0.0629	1.1	0.77	393.4	4.2	394.2	4.7	398.8	20.6	393.4	4.2	NA
100711-3-Spot 250	208	59516	2.5	18.2649	0.9	0.4751	1.7	0.0630	1.5	0.84	393.6	5.6	394.7	5.7	401.0	21.2	393.6	5.6	NA
100711-3-Spot 139	457	47818	1.7	18.0004	0.8	0.5301	1.2	0.0692	1.0	0.79	431.5	4.0	431.9	4.3	433.6	17.0	431.5	4.0	99.5
100711-3-Spot 125	571	76216	2.4	18.0325	0.7	0.5617	1.2	0.0735	1.0	0.83	457.2	4.3	452.6	4.3	429.6	14.5	457.2	4.3	106.4
100711-3-Spot 111	681	164734	11.1	17.3474	1.0	0.5900	2.1	0.0743	1.9	0.88	461.8	8.3	470.9	8.0	515.3	22.2	461.8	8.3	89.6
100711-3-Spot 136	1055	93473	3.5	12.3169	1.3	0.8414	1.9	0.0752	1.3	0.71	467.4	6.1	619.9	8.8	1225.2	26.0	467.4	6.1	38.1
100711-3-Spot 246	585	108526	2.0	17.5786	1.0	0.5928	1.5	0.0756	1.1	0.75	469.8	5.0	472.6	5.6	486.2	21.5	469.8	5.0	96.6
100711-3-Spot 10	186	112172	1.3	17.5917	0.9	0.6053	1.3	0.0773	0.9	0.71	479.8	4.3	480.6	5.0	484.6	20.4	479.8	4.3	99.0
100711-3-Spot 162	279	78140	5.1	17.7135	0.9	0.6021	1.3	0.0774	1.0	0.74	480.5	4.6	478.6	5.1	469.3	20.2	480.5	4.6	102.4
100711-3-Spot 68	442	59715	1.3	16.8833	0.9	0.6881	1.4	0.0843	1.0	0.74	521.7	5.1	531.6	5.7	574.6	20.1	521.7	5.1	90.8
100711-3-Spot 133	249	55925	2.7	17.3245	1.2	0.6947	1.8	0.0873	1.3	0.73	539.7	6.6	535.6	7.3	518.2	26.5	539.7	6.6	104.1
100711-3-Spot 107	124	29299	2.8	16.9504	1.4	0.7158	1.9	0.0880	1.2	0.64	543.9	6.2	548.2	7.9	566.0	31.0	543.9	6.2	96.1
100711-3-Spot 293	566	105572	0.8	16.4831	0.6	0.7709	1.2	0.0922	1.0	0.85	568.6	5.6	580.3	5.4	626.5	13.9	568.6	5.6	90.7
100711-3-Spot 144	1264	463113	1.6	16.6605	0.7	0.7957	1.3	0.0962	1.0	0.81	592.0	5.8	594.4	5.7	603.4	16.0	592.0	5.8	98.1
100711-3-Spot 112	271	255514	1.7	16.5951	0.9	0.8354	1.4	0.1006	1.0	0.76	617.9	6.1	616.6	6.3	611.9	19.1	617.9	6.1	101.0
100711-3-Spot 27	333	221410	1.2	16.0821	0.9	0.8660	1.4	0.1011	1.0	0.77	620.6	6.2	633.4	6.4	679.4	18.2	620.6	6.2	91.3
100711-3-Spot 238	173	345717	0.4	16.3610	0.9	0.8566	1.5	0.1017	1.2	0.81	624.3	7.2	628.3	7.0	642.6	19.0	624.3	7.2	97.2
100711-3-Spot 109	628	621346	16.9	15.2515	1.2	0.9616	2.0	0.1064	1.6	0.81	651.9	9.9	684.1	9.9	791.7	24.5	651.9	9.9	82.3
100711-3-Spot 225	334	156644	10.8	15.8585	0.8	0.9527	1.3	0.1096	1.0	0.78	670.6	6.3	679.5	6.3	709.3	16.7	670.6	6.3	94.5
100711-3-Spot 39	250	40292	2.4	16.0059	0.9	0.9849	1.3	0.1144	0.9	0.69	698.1	5.8	696.1	6.4	689.5	19.9	698.1	5.8	101.2
100711-3-Spot 31	221	82194	2.1	15.4936	0.9	1.0738	1.4	0.1207	1.1	0.78	734.7	7.8	740.6	7.5	758.5	18.8	734.7	7.8	96.9
100711-3-Spot 269	289	1245191	2.3	15.4127	0.8	1.1020	1.3	0.1232	1.0	0.78	749.2	7.4	754.3	7.1	769.6	17.5	749.2	7.4	97.3
100711-3-Spot 120	828	257797	0.3	15.3881	0.7	1.1330	1.4	0.1265	1.2	0.87	767.9	8.6	769.2	7.4	772.9	14.0	767.9	8.6	99.3
100711-3-Spot 245	72	11077	1.8	14.9360	1.0	1.1676	1.3	0.1265	1.0	0.71	768.1	6.9	785.5	7.4	835.4	19.8	768.1	6.9	91.9
100711-3-Spot 275	432	143508	0.5	15.2206	0.7	1.1807	1.2	0.1304	1.0	0.83	790.1	7.4	791.6	6.6	795.9	13.9	790.1	7.4	99.3
100711-3-Spot 184	251	88700	1.7	15.0125	0.8	1.2318	1.5	0.1342	1.2	0.83	811.7	9.2	815.2	8.2	824.7	17.2	811.7	9.2	98.4
100711-3-Spot 273	395	199593	1.0	14.3435	0.9	1.4730	1.5	0.1533	1.2	0.82	919.4	10.6	919.4	9.1	919.2	17.9	919.2	17.9	100.0
100711-3-Spot 236	395	626868	3.9	14.3269	0.7	1.4828	1.7	0.1541	1.6	0.91	924.1	13.5	923.4	10.4	921.6	14.5	921.6	14.5	100.3
100711-3-Spot 130	51	18212	0.6	13.8692	1.1	1.6781	1.4	0.1689	0.9	0.63	1005.9	8.6	1000.2	9.2	987.9	22.7	987.9	22.7	101.8
100711-3-Spot 191	128	67464	1.9	13.6517	1.0	1.7441	1.3	0.1728	0.9	0.67	1027.3	8.3	1025.0	8.5	1020.0	19.8	1020.0	19.8	100.7
100711-3-Spot 291	165	38971	0.5	13.5870	0.9	1.7676	1.3	0.1743	1.0	0.76	1035.5	9.8	1033.6	8.7	1029.6	17.7	1029.6	17.7	100.6
100711-3-Spot 309	329	958153	1.2	13.5086	0.6	1.6352	1.2	0.1603	1.0	0.86	958.3	9.3	983.9	7.6	1041.3	12.6	1041.3	12.6	92.0
100711-3-Spot 265	88	91650	2.6	13.5066	1.2	1.6231	1.6	0.1591	1.1	0.69	951.6	9.8	979.2	10.1	1041.6	23.6	1041.6	23.6	91.4
100711-3-Spot 12	689	191072	10.3	10.5575	0.8	3.4927	1.3	0.2676	1.0	0.81	1528.4	14.1	1525.6	10.1	1521.7	14.2	1521.7	14.2	100.4
100711-3-Spot 188	84	37395	1.1	9.3628	0.9	4.5106	1.4	0.3064	1.1	0.80	1723.1	17.3	1732.9	11.9	1744.8	15.6	1744.8	15.6	98.8
100711-3-Spot 221	60	124310	1.1	9.2778	0.8	4.5526	1.4	0.3065	1.1	0.80	1723.3	16.9	1740.6	11.6	1761.5	15.3	1761.5	15.3	97.8
100711-3-Spot 307	134	63006	1.0	8.6291	0.8	5.1288	1.5	0.3211	1.3	0.87	1795.2	20.7	1840.9	13.0	1892.9	13.7	1892.9	13.7	94.8
100711-3-Spot 193	87	44721	1.4	8.5115	0.9	5.7343	1.4	0.3541	1.1	0.78	1954.3	18.8	1936.5	12.4	1917.6	16.0	1917.6	16.0	101.9
100711-3-Spot 154	268	275860	3.6	7.8662	0.7	6.3838	1.3	0.3644	1.2	0.87	2002.8	20.2	2030.0	11.8	2057.8	11.8	2057.8	11.8	97.3
100711-3-Spot 18	113	75587	2.4	7.8191	0.7	6.6810	1.4	0.3790	1.2	0.84	2071.8	20.8	2070.1	12.2	2068.4	13.1	2068.4	13.1	100.2
100711-3-Spot 24	154	210962	1.7	7.5208	0.7	7.2424	1.3	0.3952	1.0	0.82	2147.0	19.0	2141.7	11.3	2136.7	12.7	2136.7	12.7	100.5
100711-3-Spot 110	811	557205	12.8	6.6946	1.1	7.9949	1.6	0.3884	1.2	0.72	2115.2	20.8	2230.5	14.5	2338.0	19.2	2338.0	19.2	90.5
100711-3-Spot 8	154	114302	1.9	6.6096	0.7	7.4529	1.6	0.3574	1.4	0.89	1970.0	23.7	2167.3	14.1	2359.9	12.5	2359.9	12.5	83.5
100711-3-Spot 16	48	196047	1.0	6.1920	0.9	9.5916	1.8	0.4309	1.6	0.87	2309.9	31.3	2396.4	17.0	2470.7	15.2	2470.7	15.2	93.5
100711-3-Spot 305	50	509535	0.6	5.4961	0.8	12.5108	1.4	0.4989	1.2	0.82	2609.1	25.4	2643.5	13.5	2670.0	13.5	2670.0	13.5	97.7
100711-3-Spot 54	890	546867	1.7	5.4806	0.8	12.2916	1.6	0.4888	1.4	0.88	2565.4	28.9	2626.9	14.6	2674.6	12.4	2674.6	12.4	95.9
100711-3-Spot 200	901	16282166	3.5	5.4396	0.6	12.9878	1.1	0.5126	0.9	0.86	2667.8	20.7	2678.8	10.3	2687.1	9.2	2687.1	9.2	99.3
100711-3-Spot 45	667	279586	2.0	5.2608	0.6	13.7214	1.1	0.5238	0.9	0.81	2715.1	19.2	2730.7	10.1	2742.2	10.2	2742.2	10.2	99.0
Rejected Analyses																			
~~100711-3-Spot 136~~	~~1055~~	~~93473~~	~~3.5~~	~~12.3169~~	~~1.3~~	~~0.8414~~	~~1.9~~	~~0.0752~~	~~1.3~~	~~0.71~~	~~467.4~~	~~6.1~~	~~619.9~~	~~8.8~~	~~1225.2~~	~~26.0~~	~~467.4~~	~~6.1~~	~~38.1~~
~~100711-3-Spot 53~~	~~299~~	~~99858~~	~~12.2~~	~~10.3614~~	~~5.9~~	~~1.4230~~	~~6.4~~	~~0.1070~~	~~2.4~~	~~0.38~~	~~655.2~~	~~15.0~~	~~898.6~~	~~38.1~~	~~1556.9~~	~~111.2~~	~~1556.9~~	~~111.2~~	~~42.1~~
~~100711-3-Spot 17~~	~~250~~	~~584466~~	~~3.7~~	~~8.9413~~	~~0.7~~	~~3.1079~~	~~2.3~~	~~0.2016~~	~~2.2~~	~~0.95~~	~~1184.1~~	~~23.9~~	~~1434.7~~	~~17.8~~	~~1828.7~~	~~12.9~~	~~1828.7~~	~~12.9~~	~~64.7~~
~~100711-3-Spot 60~~	~~417~~	~~229851~~	~~2.1~~	~~9.3568~~	~~0.8~~	~~3.2850~~	~~1.8~~	~~0.2230~~	~~1.6~~	~~0.90~~	~~1297.8~~	~~19.1~~	~~1477.5~~	~~14.0~~	~~1746.0~~	~~14.2~~	~~1746.0~~	~~14.2~~	~~74.3~~
~~100711-3-Spot 304~~	~~1622~~	~~399863~~	~~13.0~~	~~5.8782~~	~~0.9~~	~~8.4964~~	~~2.1~~	~~0.3624~~	~~1.9~~	~~0.91~~	~~1993.5~~	~~33.4~~	~~2285.5~~	~~19.4~~	~~2558.1~~	~~14.6~~	~~2558.1~~	~~14.6~~	~~77.9~~

~~100711-3-Spot 272~~	~~765~~	~~4764~~	~~2.0~~	~~10.5932~~	~~5.4~~	~~3.2137~~	~~24.3~~	~~0.2470~~	~~23.7~~	~~0.97~~	~~1423.0~~	~~302.5~~	~~1460.5~~	~~190.2~~	~~1515.3~~	~~102.3~~	~~1515.3~~	~~102.3~~	~~93.9~~

1. Analyses with >10% uncertainty (1-sigma) in 206Pb/238U age are rejected.
2. Analyses with >10% uncertainty (1-sigma) in 206Pb/207Pb age are rejected, unless 206Pb/238U age is <400 Ma.
3. Best age is determined from 206Pb/238U age for analyses with 206Pb/238U age <900 Ma and from 206Pb/207Pb age for analyses with 206Pb/238U age >900 Ma.
4. Concordance is based on 206Pb/238U age / 206Pb/207Pb age. Value is not reported for 206Pb/238U ages <400 Ma because of large uncertainty in 206Pb/207Pb age.
5. Analyses with 206Pb/238U age >400 Ma and with >20% discordance (<80% concordance) are rejected.
6. Analyses with 206Pb/238U age >400 Ma and with >5% reverse discordance (<105% concordance) are rejected.
7. All uncertainties are reported at the 1-sigma level, and include only measurement errors.
8. Systematic errors are as follows (at 2-sigma level): [C16014B: 1.0% (206Pb/238U) & 0.7% (206Pb/207Pb), CT15004B: 0.7% (206Pb/238U) & 0.6% (206Pb/207Pb), 100211-3A: 0.9% (206Pb/238U) & 0.8% (206Pb/207Pb) , C16034B: 0.8% (206Pb/238U) & 0.8% (206Pb/207Pb), C16033B: 0.8% (206Pb/238U) & 0.7% (206Pb/207Pb), 100711-3: 1.0% (206Pb/238U) & 0.6% (206Pb/207Pb), V16046D: 0.7% (206Pb/238U) & 0.6% (206Pb/207Pb), V16052B: 1.0% (206Pb/238U) & 0.8% (206Pb/207Pb)].
9. Analyses conducted by LA-ICPMS, as described by Gehrels et al. (2008) and Gehrels and Pecha (2014).
10. U concentration and U/Th are calibrated relative to FC-1 zircon standard and are accurate to ~20%.
11. Common Pb correction is from measured 204Pb with common Pb composition interpreted from Stacey and Kramers (1975).
12. Common Pb composition assigned uncertainties of 1.5 for 206Pb/204Pb, 0.3 for 207Pb/204Pb, and 2.0 for 208Pb/204Pb.
13. U/Pb and 206Pb/207Pb fractionation is calibrated relative to fragments of large Sri Lanka zircons and individual crystals of FC-1, and R33.
14. U decay constants and composition as follows: 238U = 9.8485 x 10-10, 235U = 1.55125 x 10-10, 238U/235U = 137.88.
15. Weighted mean plots in Fig. S7 determined with Isoplot (Ludwig, 2008).