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Table DR1. U-Pb (zircon) geochronologic analyses of Geste Formation samples by Laser-Ablation Multicollector ICP Mass Spectrometery.

				Isotopic ratios					Apparent ages (Ma)							
Analysis	U (ppm)	206Pb 204Pb	U/Th	207Pb* 235U	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)
1SP0-93	453	5467	1.3	0.51588	3.6	0.06412	3.3	0.91	400.7	12.7	422.4	12.4	542.8	32.2	400.7	12.7
1SP0-58	282	13854	1.4	0.55883	4.9	0.07128	4.5	0.92	443.9	19.2	450.8	17.7	486.0	41.6	443.9	19.2
1SP0-89	124	7149	1.2	0.58298	4.2	0.07444	2.3	0.55	462.8	10.4	466.4	15.8	483.8	77.6	462.8	10.4
1SP0-55	174	3851	0.7	0.62224	5.9	0.07505	2.0	0.34	466.5	9.1	491.2	23.0	608.4	120.3	466.5	9.1
1SP0-97	296	19198	1.6	0.59745	3.5	0.07729	3.3	0.95	479.9	15.4	475.6	13.3	454.7	23.0	479.9	15.4
1SP0-20	130	4729	1.1	0.60954	5.4	0.07769	4.5	0.84	482.3	21.1	483.3	20.8	487.7	64.4	482.3	21.1
1SP0-22	211	12940	1.2	0.61588	3.1	0.07836	2.8	0.90	486.3	12.9	487.3	11.9	491.7	29.9	486.3	12.9
1SP0-96	175	2206	7.9	0.59339	6.6	0.07922	4.4	0.67	491.5	20.9	473.0	25.1	384.4	111.3	491.5	20.9
1SP0-70	75	5998	1.1	0.61925	4.7	0.07936	2.1	0.44	492.3	9.9	489.4	18.4	475.8	94.4	492.3	9.9
1SP0-67	175	5587	1.0	0.66594	7.8	0.07996	2.4	0.31	495.9	11.6	518.2	31.5	618.2	159.3	495.9	11.6
1SP0-91	255	1985	4.5	0.65038	11.7	0.08044	10.4	0.88	498.8	49.7	508.7	47.0	553.7	120.0	498.8	49.7
1SP0-31	175	11277	3.2	0.64586	3.7	0.08096	2.1	0.56	501.9	10.1	505.9	14.7	524.4	67.0	501.9	10.1
1SP0-59	581	12991	1.2	0.65681	5.0	0.08097	4.6	0.92	501.9	22.4	512.7	20.3	560.9	42.9	501.9	22.4
1SP0-11	519	4266	3.9	0.81136	4.9	0.08256	2.2	0.45	511.4	10.9	603.2	22.3	965.4	89.3	511.4	10.9
1SP0-24	215	18305	1.0	0.67649	2.4	0.08322	1.5	0.62	515.3	7.5	524.7	10.0	565.6	41.7	515.3	7.5
1SP0-62	183	4207	1.1	0.70297	4.6	0.08366	2.5	0.56	517.9	12.7	540.6	19.1	637.2	81.2	517.9	12.7
1SP0-47	125	7946	0.9	0.67463	4.3	0.08373	2.5	0.59	518.3	12.7	523.5	17.8	546.2	76.9	518.3	12.7
1SP0-1	257	19006	0.9	0.67267	2.3	0.08378	1.0	0.43	518.6	5.0	522.3	9.6	538.5	46.3	518.6	5.0
1SP0-66	231	11616	1.3	0.67352	2.4	0.08379	1.1	0.44	518.7	5.3	522.8	9.9	540.8	47.3	518.7	5.3
1SP0-3	103	7262	1.4	0.68449	3.8	0.08523	2.7	0.70	527.3	13.5	529.5	15.7	539.0	59.5	527.3	13.5
1SP0-18	127	2252	2.4	0.78083	11.7	0.08571	2.6	0.22	530.1	13.3	586.0	52.2	808.6	239.7	530.1	13.3
1SP0-39	129	8752	1.0	0.70278	5.0	0.08601	2.1	0.42	531.9	10.7	540.4	20.9	576.6	98.2	531.9	10.7
1SP0-19	127	10323	1.2	0.68286	1.8	0.08656	1.1	0.62	535.2	5.9	528.5	7.6	499.7	31.8	535.2	5.9
1SP0-81	156	2605	1.2	0.71933	5.9	0.08665	1.3	0.22	535.7	6.8	550.3	25.2	611.0	125.2	535.7	6.8
1SP0-76	172	5778	1.2	0.69479	5.4	0.08671	2.8	0.52	536.0	14.5	535.7	22.6	534.1	101.5	536.0	14.5
1SP0-61	366	1011	1.1	0.88162	16.0	0.08679	2.2	0.14	536.5	11.6	641.9	76.3	1032.6	322.2	536.5	11.6
1SP0-82	272	1451	1.1	0.76335	6.1	0.08813	5.0	0.83	544.5	26.2	575.9	26.6	702.1	72.2	544.5	26.2
1SP0-74	352	3299	1.2	0.75556	4.4	0.08818	4.2	0.94	544.8	21.8	571.4	19.4	679.0	32.2	544.8	21.8
1SP0-78	170	9825	1.5	0.72003	3.3	0.08834	2.9	0.87	545.7	15.0	550.7	13.9	571.2	34.8	545.7	15.0
1SP0-9	344	10151	1.6	0.74517	4.8	0.08859	3.9	0.82	547.2	20.4	565.4	20.6	639.5	58.7	547.2	20.4
1SP0-30	202	19998	1.5	0.71490	2.3	0.08873	1.9	0.80	548.0	9.7	547.7	9.7	546.2	29.9	548.0	9.7
1SP0-94	108	2015	0.6	0.72098	8.5	0.08943	2.9	0.35	552.2	15.6	551.2	36.2	547.4	174.4	552.2	15.6
1SP0-10	57	4618	1.4	0.72346	3.3	0.09002	1.7	0.53	555.7	9.3	552.7	14.2	540.6	61.8	555.7	9.3
1SP0-43	164	11185	2.7	0.71491	3.8	0.09137	3.4	0.88	563.6	18.3	547.7	16.3	481.7	39.9	563.6	18.3
1SP0-86	123	1556	0.8	0.79733	11.6	0.09298	7.5	0.65	573.1	41.0	595.3	52.2	680.9	189.4	573.1	41.0
1SP0-6	58	6570	1.2	0.77089	5.7	0.09388	2.2	0.39	578.5	12.3	580.3	25.1	587.4	113.6	578.5	12.3
1SP0-50	119	7974	0.9	0.82610	6.2	0.09390	2.4	0.39	578.5	13.1	611.4	28.3	735.3	120.4	578.5	13.1
1SP0-38	167	2761	0.8	0.92855	22.3	0.09504	5.8	0.26	585.3	32.2	666.9	109.6	953.3	446.2	585.3	32.2
1SP0-77	288	3991	1.8	0.84947	7.6	0.09658	3.4	0.45	594.3	19.3	624.4	35.5	734.8	144.3	594.3	19.3

1SP0-65	100	5114	0.9	0.80231	4.7	0.09683	1.7	0.37	595.8	9.8	598.1	21.1	606.9	93.8	595.8	9.8
1SP0-63	134	12392	3.4	0.82096	2.1	0.09754	1.0	0.48	600.0	5.7	608.6	9.6	640.7	39.6	600.0	5.7
1SP0-4	142	12222	0.8	0.82948	2.8	0.09863	2.0	0.70	606.4	11.4	613.3	13.1	639.0	43.8	606.4	11.4
1SP0-85	279	23297	6.5	0.83455	1.8	0.09976	1.2	0.67	613.0	6.9	616.1	8.1	627.5	28.2	613.0	6.9
1SP0-8	65	7655	0.6	0.86015	5.2	0.10246	1.0	0.20	628.8	6.1	630.2	24.3	635.2	109.3	628.8	6.1
1SP0-69	71	6724	1.2	0.89229	4.1	0.10281	1.0	0.25	630.9	6.0	647.6	19.5	706.3	84.0	630.9	6.0
1SP0-29	167	8908	0.9	0.89966	5.9	0.10335	4.9	0.83	634.0	29.7	651.5	28.6	712.8	70.9	634.0	29.7
1SP0-92	108	3992	1.3	0.93966	7.3	0.10623	2.0	0.27	650.8	12.4	672.7	35.9	746.6	148.3	650.8	12.4
1SP0-7	41	4344	1.5	0.88178	5.3	0.10724	1.7	0.33	656.7	10.7	641.9	25.0	590.4	107.9	656.7	10.7
1SP0-73	302	17197	1.2	0.94293	1.8	0.11040	1.5	0.83	675.1	9.7	674.4	9.0	672.1	21.8	675.1	9.7
1SP0-64	191	10518	1.2	1.04132	3.4	0.11873	2.9	0.85	723.3	19.5	724.6	17.4	728.6	37.7	723.3	19.5
1SP0-32	236	41942	2.2	1.14276	1.8	0.12575	1.5	0.83	763.6	10.9	773.8	9.9	803.5	21.0	763.6	10.9
1SP0-53	176	17663	2.2	1.15401	2.9	0.12952	2.6	0.90	785.1	18.9	779.1	15.5	762.1	26.7	785.1	18.9
1SP0-87	538	21392	1.4	1.18721	4.0	0.12975	3.5	0.87	786.4	26.2	794.7	22.3	817.8	40.9	786.4	26.2
1SP0-13	209	21843	2.1	1.19380	2.5	0.13077	1.6	0.65	792.3	12.2	797.7	13.9	812.9	40.1	792.3	12.2
1SP0-72	48	3842	1.9	1.24247	4.9	0.13196	3.3	0.68	799.0	25.0	820.0	27.3	877.3	73.4	799.0	25.0
1SP0-88	154	17287	1.1	1.62075	3.1	0.16597	2.6	0.84	989.9	24.0	978.3	19.5	952.4	34.3	952.4	34.3
1SP0-41	87	11718	0.6	1.50020	3.0	0.15201	1.4	0.48	912.2	12.2	930.5	18.4	974.0	54.1	974.0	54.1
1SP0-84	53	10660	1.9	1.74277	4.1	0.17404	2.8	0.69	1034.3	26.8	1024.5	26.3	1003.5	59.8	1003.5	59.8
1SP0-57	68	9122	1.8	1.65250	2.2	0.16447	1.3	0.59	981.6	11.7	990.5	13.7	1010.3	35.4	1010.3	35.4
1SP0-98	121	12962	3.1	1.81367	1.5	0.17835	1.1	0.69	1058.0	10.4	1050.4	10.1	1034.7	22.5	1034.7	22.5
1SP0-21	179	29726	1.9	1.82329	3.3	0.17908	3.2	0.95	1061.9	31.1	1053.9	21.9	1037.2	20.2	1037.2	20.2
1SP0-54	99	14690	1.4	1.77228	2.7	0.17399	2.4	0.89	1034.0	23.2	1035.4	17.8	1038.1	25.4	1038.1	25.4
1SP0-68	600	80138	2.3	1.73077	1.7	0.16985	1.4	0.81	1011.3	12.9	1020.0	11.0	1038.8	20.2	1038.8	20.2
1SP0-35	416	51180	5.1	1.72628	1.7	0.16816	1.4	0.81	1002.0	12.6	1018.4	10.9	1053.8	20.2	1053.8	20.2
1SP0-26	117	19752	1.3	1.65527	4.8	0.16106	4.7	0.98	962.7	42.2	991.6	30.6	1056.0	20.6	1056.0	20.6
1SP0-45	96	12235	1.5	1.76127	3.2	0.17073	2.6	0.81	1016.1	24.5	1031.3	20.8	1063.6	37.8	1063.6	37.8
1SP0-5	59	9277	1.4	1.77092	3.5	0.17141	1.0	0.29	1019.9	9.4	1034.9	22.4	1066.6	66.5	1066.6	66.5
1SP0-27	186	8785	1.1	1.69269	3.6	0.16150	3.4	0.95	965.1	30.4	1005.8	22.8	1095.5	21.8	1095.5	21.8
1SP0-99	112	5841	2.0	1.83353	4.1	0.17433	3.4	0.84	1035.9	32.9	1057.5	26.9	1102.4	44.5	1102.4	44.5
1SP0-49	273	30042	2.0	1.95863	3.6	0.18596	3.4	0.96	1099.4	34.5	1101.4	23.9	1105.3	20.0	1105.3	20.0
1SP0-33	332	31205	2.8	1.79920	2.5	0.17005	2.3	0.92	1012.4	21.9	1045.2	16.6	1114.3	20.1	1114.3	20.1
1SP0-79	500	16740	3.4	1.98969	5.3	0.18646	5.2	0.98	1102.2	52.8	1112.0	35.9	1131.3	20.7	1131.3	20.7
1SP0-75	170	21261	0.8	2.09575	3.3	0.19475	3.1	0.95	1147.1	32.6	1147.4	22.4	1148.0	20.0	1148.0	20.0
1SP0-46	79	3246	0.7	2.06177	3.5	0.18996	2.6	0.74	1121.2	26.9	1136.2	24.1	1165.0	46.9	1165.0	46.9
1SP0-48	67	7813	1.6	1.99993	2.9	0.18391	2.1	0.70	1088.3	20.7	1115.5	19.9	1168.9	41.5	1168.9	41.5
1SP0-25	207	37648	5.4	2.14733	1.8	0.19688	1.5	0.82	1158.5	15.4	1164.2	12.2	1174.7	19.8	1174.7	19.8
1SP0-17	702	29136	2.2	1.58829	7.2	0.14506	7.1	0.98	873.2	58.0	965.6	45.1	1182.4	27.7	1182.4	27.7
1SP0-28	95	16703	1.1	2.37942	1.7	0.21047	1.0	0.58	1231.3	11.2	1236.4	12.3	1245.4	27.3	1245.4	27.3
1SP0-44	53	11452	1.1	2.99739	2.1	0.23990	1.4	0.67	1386.2	17.6	1407.0	16.0	1438.6	29.6	1438.6	29.6
1SP0-2	80	18592	0.8	3.19105	3.0	0.25524	2.8	0.93	1465.5	36.6	1455.0	23.3	1439.7	21.8	1439.7	21.8
1SP0-95	195	37687	2.6	4.30269	4.5	0.29413	4.4	0.98	1662.1	64.5	1693.9	37.2	1733.4	18.4	1733.4	18.4
1SP0-40	90	21026	1.1	4.60988	1.8	0.30591	1.5	0.81	1720.6	22.2	1751.1	15.1	1787.7	19.1	1787.7	19.1
1SP0-80	143	15357	0.8	6.21390	5.9	0.35398	5.8	0.98	1953.6	97.3	2006.4	51.4	2061.2	18.6	2061.2	18.6
1SP0-42	337	58168	1.0	6.97984	1.7	0.38480	1.3	0.80	2098.7	23.7	2108.9	14.8	2118.8	17.5	2118.8	17.5

1SP0-16	18	6106	0.9	6.96288	2.9	0.38180	2.2	0.78	2084.7	39.8	2106.7	25.4	2128.3	31.2	2128.3	31.2
1SP0-52	88	3641	1.2	6.39150	8.6	0.35044	8.4	0.99	1936.7	141.2	2031.1	75.3	2128.4	25.6	2128.4	25.6
1SP0-60	34	9070	1.4	6.87735	2.9	0.37691	2.5	0.86	2061.9	44.5	2095.7	25.9	2129.2	25.7	2129.2	25.7
1SP0-83	99	17566	1.2	6.85284	4.5	0.37317	4.4	0.97	2044.3	76.3	2092.6	39.6	2140.4	17.6	2140.4	17.6
1SP0-14	38	13960	1.1	7.28937	1.9	0.38998	1.6	0.85	2122.7	29.7	2147.5	17.2	2171.3	17.5	2171.3	17.5
1SP0-23	121	32162	1.5	7.72047	1.9	0.40170	1.6	0.84	2176.9	28.8	2199.0	16.6	2219.7	17.3	2219.7	17.3
1SP0-12	111	22942	0.4	12.61122	4.1	0.51174	4.0	0.97	2664.0	86.9	2651.1	38.7	2641.2	16.7	2641.2	16.7
1SP32-86	419	4100	2.3	0.60112	9.6	0.07234	9.0	0.93	450.2	38.9	477.9	36.6	613.3	75.0	450.2	38.9
1SP32-5	342	13834	2.5	0.60421	1.8	0.07615	1.5	0.80	473.1	6.7	479.9	7.1	512.4	24.5	473.1	6.7
1SP32-42	209	12026	1.7	0.63442	3.4	0.07762	2.4	0.70	481.9	11.1	498.8	13.4	577.3	52.6	481.9	11.1
1SP32-98	210	857	9.2	0.55924	9.2	0.07788	4.8	0.52	483.5	22.4	451.0	33.4	288.8	178.9	483.5	22.4
1SP32-40	209	5534	0.8	0.67387	6.3	0.07801	2.8	0.45	484.2	13.2	523.1	25.8	696.5	120.2	484.2	13.2
1SP32-17	353	20594	2.4	0.62909	2.3	0.07956	1.6	0.71	493.5	7.8	495.5	9.0	505.0	35.3	493.5	7.8
1SP32-53	126	7375	0.8	0.66485	3.9	0.08098	2.4	0.61	502.0	11.4	517.6	15.6	587.0	66.3	502.0	11.4
1SP32-55	141	8319	1.8	0.66590	3.9	0.08099	1.8	0.45	502.0	8.5	518.2	16.0	590.3	76.3	502.0	8.5
1SP32-48	234	12639	0.4	0.63739	3.1	0.08120	1.5	0.48	503.3	7.2	500.7	12.2	488.8	59.8	503.3	7.2
1SP32-12	480	20096	1.6	0.64702	1.8	0.08146	1.5	0.84	504.8	7.5	506.6	7.4	514.9	22.2	504.8	7.5
1SP32-30	287	16159	2.4	0.66348	2.3	0.08185	1.3	0.55	507.2	6.2	516.7	9.3	559.3	41.5	507.2	6.2
1SP32-22	170	10150	1.4	0.65619	2.9	0.08200	1.1	0.39	508.0	5.5	512.3	11.5	531.2	57.5	508.0	5.5
1SP32-19	131	6473	1.2	0.66837	5.9	0.08239	1.6	0.27	510.4	7.9	519.7	24.1	561.0	124.3	510.4	7.9
1SP32-52	112	7160	1.0	0.70670	5.5	0.08285	2.3	0.41	513.1	11.1	542.8	23.1	669.4	107.4	513.1	11.1
1SP32-67	274	14096	1.6	0.65500	3.1	0.08290	1.2	0.40	513.4	6.1	511.6	12.3	503.3	61.7	513.4	6.1
1SP32-3	426	18235	4.0	0.66547	8.4	0.08342	8.2	0.98	516.5	40.8	518.0	34.1	524.4	37.6	516.5	40.8
1SP32-77	149	9252	1.4	0.69559	3.4	0.08356	1.7	0.50	517.3	8.4	536.2	14.0	617.1	62.9	517.3	8.4
1SP32-15	217	8092	0.8	0.73279	8.1	0.08372	1.9	0.23	518.3	9.3	558.2	34.7	724.4	166.9	518.3	9.3
1SP32-50	191	10746	1.3	0.66262	3.3	0.08375	1.2	0.37	518.5	6.1	516.2	13.5	506.2	68.5	518.5	6.1
1SP32-64	300	15939	1.7	0.68391	4.1	0.08379	3.5	0.85	518.7	17.2	529.1	16.7	574.3	46.2	518.7	17.2
1SP32-68	243	15426	1.3	0.67439	2.2	0.08402	1.5	0.68	520.1	7.5	523.4	9.0	537.7	35.5	520.1	7.5
1SP32-94	162	8649	0.5	0.70469	6.4	0.08434	4.2	0.66	522.0	21.3	541.6	27.0	625.1	104.0	522.0	21.3
1SP32-66	230	15362	1.4	0.67729	7.7	0.08513	7.2	0.94	526.7	36.6	525.1	31.4	518.4	55.1	526.7	36.6
1SP32-91	248	18638	4.4	0.68241	3.3	0.08561	2.2	0.68	529.5	11.3	528.2	13.5	522.7	52.9	529.5	11.3
1SP32-71	234	15538	2.4	0.69707	4.1	0.08625	3.7	0.91	533.3	19.1	537.0	17.1	552.7	37.2	533.3	19.1
1SP32-41	334	15285	1.7	0.69619	1.8	0.08632	1.5	0.79	533.7	7.5	536.5	7.6	548.4	24.3	533.7	7.5
1SP32-79	190	1579	0.8	0.63436	10.5	0.08671	3.7	0.35	536.1	19.1	498.8	41.4	331.3	223.1	536.1	19.1
1SP32-1	100	6291	0.9	0.73299	5.7	0.08684	4.2	0.74	536.8	21.8	558.3	24.5	646.9	81.9	536.8	21.8
1SP32-65	184	11656	1.8	0.71192	2.8	0.08743	1.5	0.55	540.3	7.9	545.9	11.7	569.2	50.3	540.3	7.9
1SP32-34	120	5568	1.0	0.71763	4.5	0.08791	1.9	0.43	543.2	10.0	549.3	19.0	574.6	88.2	543.2	10.0
1SP32-63	72	5057	1.1	0.71621	5.3	0.08832	2.1	0.39	545.6	10.9	548.4	22.3	560.1	105.3	545.6	10.9
1SP32-45	254	15990	4.0	0.80410	5.2	0.09207	4.1	0.78	567.8	22.1	599.1	23.4	719.7	68.2	567.8	22.1
1SP32-97	86	9309	1.0	0.79345	4.8	0.09425	2.7	0.56	580.6	14.9	593.1	21.7	641.3	86.2	580.6	14.9
1SP32-75	235	13412	1.2	0.80649	7.5	0.09664	7.1	0.95	594.7	40.6	600.5	33.9	622.3	48.3	594.7	40.6
1SP32-37	252	19222	2.8	0.87576	6.9	0.10009	6.2	0.90	614.9	36.3	638.7	32.6	723.7	63.7	723.7	63.7
1SP32-93	412	7429	1.1	0.81056	6.6	0.09152	3.5	0.53	564.5	18.8	602.8	29.8	749.5	117.5	749.5	117.5
1SP32-8	135	20189	1.4	1.57148	2.2	0.15906	1.0	0.46	951.5	8.8	959.0	13.4	976.1	38.8	976.1	38.8

1SP32-56	296	34874	2.2	1.48584	7.3	0.14991	7.2	0.99	900.4	60.7	924.6	44.5	982.7	24.6	982.7	24.6
1SP32-23	1055	11670	5.7	1.28007	9.4	0.12913	9.3	0.99	782.9	68.9	836.9	53.6	983.0	20.8	983.0	20.8
1SP32-92	333	33368	1.9	1.61189	4.8	0.16239	4.7	0.98	970.1	42.2	974.8	30.1	985.6	20.4	985.6	20.4
1SP32-4	77	9821	0.7	1.68921	3.9	0.16996	3.1	0.79	1011.9	29.1	1004.5	25.1	988.3	49.2	988.3	49.2
1SP32-46	221	29842	1.6	1.65500	2.6	0.16641	2.4	0.90	992.3	21.6	991.5	16.4	989.6	22.5	989.6	22.5
1SP32-80	172	21684	1.1	1.57157	2.0	0.15788	1.6	0.79	945.0	13.7	959.0	12.2	991.4	24.5	991.4	24.5
1SP32-76	123	13928	0.8	1.47666	3.4	0.14812	1.6	0.46	890.4	13.0	920.9	20.5	994.5	61.1	994.5	61.1
1SP32-84	472	10163	1.1	1.25928	8.7	0.12572	8.5	0.98	763.4	61.2	827.6	49.4	1004.0	38.9	1004.0	38.9
1SP32-44	81	9920	0.8	1.61758	2.5	0.16145	1.9	0.73	964.8	16.6	977.1	15.8	1004.7	34.8	1004.7	34.8
1SP32-18	187	14838	0.8	1.44520	6.7	0.14417	6.6	0.98	868.2	53.4	907.9	40.2	1005.6	26.6	1005.6	26.6
1SP32-9	51	3808	1.6	1.42252	5.4	0.14172	2.7	0.50	854.4	21.7	898.4	32.4	1008.3	95.7	1008.3	95.7
1SP32-26	239	27560	2.1	1.64723	1.9	0.16363	1.7	0.86	976.9	15.1	988.5	12.3	1014.2	20.3	1014.2	20.3
1SP32-61	234	15940	2.7	1.68185	2.5	0.16690	2.1	0.83	995.0	19.4	1001.7	16.1	1016.3	28.5	1016.3	28.5
1SP32-7	239	28163	2.0	1.70100	2.6	0.16783	2.3	0.88	1000.1	21.1	1008.9	16.5	1028.0	24.3	1028.0	24.3
1SP32-83	138	19338	1.7	1.78550	2.4	0.17437	1.7	0.73	1036.1	16.4	1040.2	15.3	1048.7	32.3	1048.7	32.3
1SP32-16	146	16483	1.6	1.67755	3.2	0.16380	2.9	0.88	977.9	26.0	1000.1	20.6	1049.0	30.4	1049.0	30.4
1SP32-87	69	8826	2.2	1.68078	4.2	0.16400	1.7	0.40	979.0	15.2	1001.3	26.6	1050.5	77.0	1050.5	77.0
1SP32-51	145	18538	1.7	1.71595	2.5	0.16741	1.9	0.77	997.8	17.8	1014.5	16.1	1050.7	32.4	1050.7	32.4
1SP32-38	368	50547	2.3	1.78460	1.4	0.17391	1.0	0.71	1033.6	9.6	1039.9	9.2	1053.0	20.2	1053.0	20.2
1SP32-60	297	9039	2.1	1.63011	6.1	0.15732	5.9	0.97	941.9	52.0	981.9	38.6	1072.6	31.4	1072.6	31.4
1SP32-90	718	5941	1.6	1.63279	3.5	0.15721	3.4	0.95	941.3	29.3	982.9	22.2	1077.2	22.3	1077.2	22.3
1SP32-81	120	18293	1.4	1.89212	2.6	0.18207	2.4	0.91	1078.3	23.5	1078.3	17.4	1078.4	22.3	1078.4	22.3
1SP32-36	97	11093	1.1	1.72315	3.6	0.16538	2.6	0.71	986.6	23.5	1017.2	23.1	1083.6	50.5	1083.6	50.5
1SP32-85	161	19087	0.7	1.85763	1.4	0.17802	1.0	0.70	1056.2	9.7	1066.1	9.4	1086.6	20.2	1086.6	20.2
1SP32-59	506	6963	0.6	1.42805	4.2	0.13599	4.1	0.97	821.9	31.6	900.7	25.2	1099.3	20.5	1099.3	20.5
1SP32-29	311	20908	2.8	1.83008	4.0	0.17390	3.7	0.93	1033.6	35.3	1056.3	26.2	1103.6	30.1	1103.6	30.1
1SP32-89	55	8059	1.3	1.98132	6.0	0.18788	4.7	0.78	1109.9	47.8	1109.2	40.4	1107.8	74.2	1107.8	74.2
1SP32-39	75	10596	1.4	1.80833	4.1	0.17095	1.2	0.29	1017.3	11.0	1048.5	26.6	1114.0	78.0	1114.0	78.0
1SP32-25	69	9856	0.8	1.85634	3.7	0.17500	2.9	0.76	1039.6	27.5	1065.7	24.7	1119.5	48.2	1119.5	48.2
1SP32-47	124	17709	1.7	1.90410	2.6	0.17891	2.1	0.83	1061.0	20.8	1082.5	17.0	1126.0	28.1	1126.0	28.1
1SP32-82	53	9131	1.0	2.16534	2.5	0.20200	1.2	0.48	1186.0	13.2	1170.0	17.6	1140.4	44.2	1140.4	44.2
1SP32-58	232	24758	1.4	1.90848	2.6	0.17730	2.4	0.92	1052.2	23.6	1084.1	17.6	1148.6	20.0	1148.6	20.0
1SP32-49	369	44142	1.7	2.06771	1.5	0.19178	1.2	0.76	1131.0	12.2	1138.2	10.6	1151.8	19.9	1151.8	19.9
1SP32-43	171	20542	1.3	1.91677	3.0	0.17586	2.6	0.88	1044.3	25.4	1086.9	19.9	1173.3	27.8	1173.3	27.8
1SP32-14	291	26016	1.7	2.11579	2.1	0.19330	1.8	0.87	1139.2	18.9	1154.0	14.3	1181.7	19.9	1181.7	19.9
1SP32-33	76	9524	1.6	2.15768	3.1	0.19659	2.2	0.71	1157.0	23.7	1167.5	21.8	1187.1	43.6	1187.1	43.6
1SP32-31	66	3138	1.8	1.90258	7.3	0.17325	5.1	0.69	1030.0	48.3	1082.0	48.9	1188.2	104.8	1188.2	104.8
1SP32-88	199	29533	2.0	2.19943	1.4	0.19937	1.0	0.71	1171.9	10.7	1180.9	9.9	1197.3	19.8	1197.3	19.8
1SP32-28	76	12077	1.4	2.12953	3.2	0.19158	2.7	0.83	1129.9	27.9	1158.4	22.4	1212.1	35.5	1212.1	35.5
1SP32-2	228	8132	0.7	1.98304	2.9	0.17787	2.2	0.76	1055.3	21.5	1109.8	19.7	1218.0	37.6	1218.0	37.6
1SP32-95	70	14921	1.7	2.14346	2.5	0.19184	1.5	0.60	1131.3	15.7	1162.9	17.4	1222.3	39.3	1222.3	39.3
1SP32-6	31	4487	0.8	2.10735	2.9	0.18852	1.3	0.46	1113.4	13.5	1151.2	19.6	1223.2	49.6	1223.2	49.6
1SP32-74	60	6587	0.4	1.93332	6.2	0.17270	1.3	0.21	1026.9	12.1	1092.7	41.3	1226.1	118.7	1226.1	118.7
1SP32-35	59	9440	1.4	2.39304	3.2	0.20631	2.6	0.82	1209.1	28.7	1240.5	22.7	1295.5	35.1	1295.5	35.1
1SP32-21	423	51562	0.8	2.55026	2.3	0.21686	2.1	0.90	1265.3	23.8	1286.5	16.8	1322.1	19.4	1322.1	19.4

1SP32-78	143	23644	1.3	2.57254	1.6	0.21809	1.0	0.64	1271.8	11.5	1292.9	11.4	1328.0	23.3	1328.0	23.3
1SP32-20	86	8408	1.3	2.59633	2.3	0.21384	1.8	0.77	1249.2	20.3	1299.6	16.9	1383.8	28.1	1383.8	28.1
1SP32-70	200	30564	1.6	3.00548	2.1	0.24272	1.9	0.88	1400.8	23.8	1409.0	16.3	1421.4	19.2	1421.4	19.2
1SP32-100	199	50444	1.3	3.08667	3.5	0.24641	3.3	0.96	1420.0	42.2	1429.4	26.6	1443.4	19.1	1443.4	19.1
1SP32-72	66	16815	0.5	4.91808	1.4	0.32159	1.0	0.71	1797.5	15.7	1805.4	12.0	1814.5	18.2	1814.5	18.2
1SP32-24	34	10264	0.8	6.58778	2.5	0.37433	1.5	0.60	2049.8	26.2	2057.7	22.0	2065.7	35.3	2065.7	35.3
2SP38-63	303	1242	0.6	0.02410	17.5	0.00546	3.4	0.19	35.1	1.2	24.2	4.2	-963.1	506.7	35.1	1.2
2SP38-86	203	776	1.0	0.02252	28.8	0.00562	3.2	0.11	36.1	1.1	22.6	6.4	-1255.9	914.7	36.1	1.1
2SP38-36	589	2017	0.7	0.03049	12.6	0.00571	6.9	0.55	36.7	2.5	30.5	3.8	-433.2	278.3	36.7	2.5
2SP38-70	228	996	0.8	0.02982	20.6	0.00585	2.7	0.13	37.6	1.0	29.8	6.1	-558.1	554.6	37.6	1.0
2SP38-2	305	1513	1.6	0.03086	11.9	0.00598	4.5	0.38	38.4	1.7	30.9	3.6	-524.7	295.6	38.4	1.7
2SP38-71	317	1015	2.7	0.03013	24.7	0.00600	2.1	0.08	38.6	0.8	30.1	7.3	-599.6	677.1	38.6	0.8
2SP38-29	144	6554	1.0	0.57991	2.4	0.07687	1.6	0.67	477.4	7.4	464.4	8.9	400.7	39.8	477.4	7.4
2SP38-37	292	6359	4.2	0.60443	6.7	0.07760	2.9	0.43	481.8	13.2	480.0	25.5	471.8	133.3	481.8	13.2
2SP38-43	344	7871	0.9	0.65648	8.3	0.07875	4.1	0.49	488.6	19.4	512.5	33.5	620.2	156.3	488.6	19.4
2SP38-10	239	11603	1.0	0.60476	2.2	0.07906	1.3	0.60	490.5	6.3	480.3	8.5	431.5	39.8	490.5	6.3
2SP38-88	99	2027	0.9	0.59105	6.6	0.07907	2.7	0.40	490.6	12.6	471.5	24.9	380.0	135.7	490.6	12.6
2SP38-15	134	6314	1.8	0.59497	3.2	0.07943	2.0	0.63	492.7	9.5	474.0	12.0	384.5	55.0	492.7	9.5
2SP38-76	172	3620	1.8	0.64757	7.7	0.08195	7.0	0.91	507.7	34.3	507.0	30.9	503.6	70.9	507.7	34.3
2SP38-94	102	5807	1.8	0.67227	8.3	0.08209	7.4	0.88	508.6	36.1	522.1	34.1	581.5	84.8	508.6	36.1
2SP38-5	182	8800	1.4	0.64430	3.0	0.08227	2.3	0.75	509.7	11.1	505.0	12.1	483.7	44.6	509.7	11.1
2SP38-96	186	11633	1.1	0.65698	3.0	0.08268	2.2	0.73	512.1	11.0	512.8	12.3	515.8	45.5	512.1	11.0
2SP38-60	239	16099	1.1	0.64151	2.8	0.08277	2.1	0.74	512.6	10.1	503.2	11.0	460.7	41.3	512.6	10.1
2SP38-69	132	7466	1.5	0.65610	3.9	0.08348	2.6	0.68	516.9	13.0	512.2	15.6	491.5	62.7	516.9	13.0
2SP38-51	155	7037	1.8	0.64996	3.0	0.08436	1.8	0.61	522.1	9.3	508.5	12.2	447.6	53.9	522.1	9.3
2SP38-72	127	5268	1.4	0.65596	5.1	0.08453	2.6	0.51	523.1	13.2	512.1	20.7	463.6	97.7	523.1	13.2
2SP38-44	209	9200	1.2	0.66783	3.1	0.08467	1.9	0.60	523.9	9.3	519.4	12.6	499.5	54.3	523.9	9.3
2SP38-24	159	9814	1.5	0.65476	3.4	0.08500	1.9	0.57	525.9	9.8	511.4	13.8	447.1	63.0	525.9	9.8
2SP38-93	683	27694	1.0	0.69122	3.8	0.08535	3.6	0.96	528.0	18.5	533.5	15.7	557.3	22.3	528.0	18.5
2SP38-31	148	8997	3.6	0.65615	5.7	0.08550	5.2	0.92	528.8	26.4	512.3	22.7	438.9	49.9	528.8	26.4
2SP38-58	328	18968	1.6	0.68574	2.0	0.08567	1.7	0.85	529.9	8.4	530.2	8.1	531.9	22.9	529.9	8.4
2SP38-99	124	20242	1.4	0.67850	3.2	0.08592	1.9	0.58	531.4	9.5	525.9	13.1	502.0	57.1	531.4	9.5
2SP38-100	105	7714	0.9	0.67174	4.0	0.08615	2.2	0.56	532.7	11.4	521.8	16.2	474.1	72.5	532.7	11.4
2SP38-73	251	10411	2.4	0.68234	1.9	0.08639	1.0	0.52	534.2	5.1	528.2	7.9	502.4	35.8	534.2	5.1
2SP38-26	139	8310	1.3	0.66217	2.9	0.08699	1.6	0.56	537.7	8.3	515.9	11.6	420.7	53.3	537.7	8.3
2SP38-7	41	2260	0.8	0.61231	8.7	0.08704	1.8	0.21	538.0	9.5	485.0	33.6	241.7	196.3	538.0	9.5
2SP38-28	103	5304	1.4	0.66799	5.1	0.08726	2.8	0.55	539.3	14.4	519.5	20.8	433.2	95.3	539.3	14.4
2SP38-27	99	3296	1.2	0.70091	7.0	0.08755	2.8	0.40	541.0	14.6	539.3	29.2	532.1	140.2	541.0	14.6
2SP38-84	253	12617	1.1	0.69997	4.0	0.08772	3.8	0.95	542.1	19.5	538.8	16.6	524.9	28.4	542.1	19.5
2SP38-48	259	9682	2.3	0.71088	4.2	0.08902	3.6	0.85	549.7	18.7	545.3	17.6	526.7	47.6	549.7	18.7
2SP38-6	228	15870	1.7	0.69572	2.3	0.08950	1.8	0.77	552.6	9.3	536.2	9.6	467.3	32.6	552.6	9.3
2SP38-9	144	7668	1.4	0.71388	4.5	0.09133	2.7	0.61	563.4	14.8	547.0	19.0	479.5	78.9	563.4	14.8
2SP38-66	646	27364	4.2	0.76300	3.1	0.09236	2.9	0.94	569.5	15.9	575.7	13.5	600.4	21.9	569.5	15.9
2SP38-64	137	4031	0.6	0.76609	4.1	0.09274	2.8	0.68	571.7	15.1	577.5	18.0	600.4	65.0	571.7	15.1

2SP38-54	274	24946	1.0	0.78935	2.8	0.09455	2.1	0.78	582.4	12.0	590.8	12.4	623.1	37.6	582.4	12.0
2SP38-47	173	10162	2.2	0.84646	2.6	0.09642	1.4	0.53	593.4	7.7	622.7	11.9	730.7	45.7	593.4	7.7
2SP38-49	657	47643	2.9	0.82081	5.9	0.09735	5.8	0.97	598.9	33.0	608.5	27.1	644.6	28.7	598.9	33.0
2SP38-42	168	15542	0.6	0.81247	3.8	0.09809	2.9	0.77	603.2	16.8	603.8	17.3	606.2	52.8	603.2	16.8
2SP38-14	455	5209	1.0	0.83682	2.6	0.09845	2.1	0.80	605.3	11.9	617.4	11.9	661.9	33.5	605.3	11.9
2SP38-91	174	17949	2.0	0.81470	3.1	0.09941	2.5	0.81	611.0	14.6	605.1	14.1	583.1	39.7	611.0	14.6
2SP38-45	98	6762	2.0	0.77638	3.8	0.09947	2.7	0.72	611.3	15.7	583.4	16.7	476.3	57.9	611.3	15.7
2SP38-77	219	9865	1.0	0.82012	2.7	0.09971	2.2	0.82	612.7	12.9	608.1	12.3	590.9	33.6	612.7	12.9
2SP38-56	232	8586	3.5	0.83585	3.5	0.09985	1.2	0.34	613.5	7.0	616.9	16.3	629.0	71.6	613.5	7.0
2SP38-57	452	20438	4.3	0.84722	3.1	0.10046	1.8	0.58	617.1	10.5	623.1	14.2	645.1	53.4	617.1	10.5
2SP38-82	276	19385	1.4	0.83690	2.3	0.10074	1.6	0.67	618.7	9.2	617.4	10.8	612.7	37.6	618.7	9.2
2SP38-83	489	13192	0.7	0.84568	4.0	0.10115	3.7	0.93	621.1	22.2	622.3	18.8	626.5	33.0	621.1	22.2
2SP38-53	117	9034	1.0	0.84950	3.1	0.10229	1.8	0.57	627.8	10.7	624.4	14.6	612.0	55.6	627.8	10.7
2SP38-20	278	14472	0.5	0.85791	4.5	0.10291	4.3	0.97	631.5	26.0	629.0	20.9	620.0	23.2	631.5	26.0
2SP38-97	57	5693	0.5	0.80347	6.0	0.10296	2.1	0.35	631.7	12.5	598.8	27.0	475.9	123.5	631.7	12.5
2SP38-22	102	12366	0.7	0.85911	3.8	0.10427	1.7	0.45	639.4	10.4	629.6	17.8	594.8	73.4	639.4	10.4
2SP38-38	260	5161	0.7	0.86667	4.1	0.10437	3.1	0.75	640.0	18.6	633.8	19.3	611.7	58.7	640.0	18.6
2SP38-61	360	23863	0.6	0.88740	2.6	0.10602	2.4	0.91	649.6	14.6	645.0	12.4	628.8	23.4	649.6	14.6
2SP38-33	88	1863	1.0	1.03511	18.5	0.10628	4.2	0.23	651.1	26.3	721.5	95.6	947.0	370.7	651.1	26.3
2SP38-92	360	5908	1.0	0.93489	7.8	0.10702	2.3	0.29	655.4	14.0	670.2	38.4	720.1	159.0	655.4	14.0
2SP38-41	89	9265	1.5	0.95313	3.5	0.11394	2.3	0.65	695.6	15.2	679.7	17.5	627.6	57.8	695.6	15.2
2SP38-98	245	18687	4.1	0.97741	2.4	0.11698	1.9	0.80	713.1	13.0	692.3	12.1	625.1	31.3	713.1	13.0
2SP38-46	101	5278	1.4	1.07683	6.6	0.12146	5.0	0.76	739.0	34.8	742.1	34.5	751.5	90.0	739.0	34.8
2SP38-79	270	19693	1.5	1.10303	2.6	0.12427	2.4	0.92	755.1	17.3	754.8	14.0	754.0	21.5	755.1	17.3
2SP38-3	198	22280	1.3	1.23471	5.1	0.13259	5.0	0.98	802.6	37.4	816.5	28.4	854.5	21.4	802.6	37.4
2SP38-50	236	18864	3.1	1.30211	6.9	0.13395	6.7	0.97	810.4	51.2	846.7	39.9	943.0	35.2	810.4	51.2
2SP38-30	70	5024	1.4	1.32795	2.6	0.14438	1.8	0.68	869.4	14.4	858.0	15.2	828.7	40.3	869.4	14.4
2SP38-87	99	9421	6.9	1.42304	4.2	0.14782	4.0	0.94	888.7	32.9	898.6	25.1	923.1	29.6	888.7	32.9
2SP38-95	129	17240	1.6	1.41553	3.1	0.14882	2.9	0.93	894.4	23.9	895.5	18.3	898.3	23.3	894.4	23.9
2SP38-67	196	4296	1.1	1.47111	9.3	0.14900	6.3	0.68	895.3	52.5	918.6	56.3	974.8	140.0	895.3	52.5
2SP38-1	137	19209	2.3	1.81249	4.7	0.17942	4.4	0.94	1063.8	43.1	1050.0	30.7	1021.3	32.9	1021.3	32.9
2SP38-13	156	20660	1.2	1.82538	2.1	0.18030	1.8	0.87	1068.6	17.9	1054.6	13.7	1025.7	20.5	1025.7	20.5
2SP38-52	304	48494	5.0	1.73061	2.7	0.16994	2.5	0.93	1011.8	23.7	1020.0	17.5	1037.6	20.3	1037.6	20.3
2SP38-25	460	32914	1.9	1.71090	1.6	0.16782	1.2	0.77	1000.1	11.3	1012.6	10.2	1039.8	20.4	1039.8	20.4
2SP38-90	235	14917	1.7	1.74986	2.8	0.17155	2.2	0.78	1020.7	20.7	1027.1	18.2	1040.9	35.8	1040.9	35.8
2SP38-74	199	17897	1.9	1.86995	1.8	0.18298	1.5	0.82	1083.3	14.9	1070.5	12.0	1044.6	20.6	1044.6	20.6
2SP38-16	341	28228	1.2	1.81653	2.0	0.17752	1.7	0.86	1053.4	16.4	1051.4	12.9	1047.4	20.3	1047.4	20.3
2SP38-19	722	65433	4.2	1.78012	2.0	0.17367	1.7	0.86	1032.3	16.3	1038.2	12.9	1050.7	20.2	1050.7	20.2
2SP38-35	446	53769	2.7	1.80592	3.4	0.17608	3.2	0.96	1045.5	31.4	1047.6	22.2	1051.9	20.2	1051.9	20.2
2SP38-39	501	40287	1.0	1.86709	2.1	0.18161	1.9	0.88	1075.8	18.7	1069.5	14.1	1056.7	20.3	1056.7	20.3
2SP38-62	298	24311	2.9	1.86401	1.5	0.18110	1.1	0.74	1073.0	10.9	1068.4	9.9	1059.1	20.3	1059.1	20.3
2SP38-78	487	30115	1.5	1.86115	4.3	0.18002	4.1	0.97	1067.1	40.8	1067.4	28.2	1068.0	20.4	1068.0	20.4
2SP38-12	245	16468	3.2	1.80736	3.1	0.17311	1.1	0.37	1029.2	10.8	1048.1	20.0	1087.7	57.1	1087.7	57.1
2SP38-8	150	20561	2.3	1.98530	1.9	0.18981	1.4	0.74	1120.3	14.6	1110.5	12.9	1091.4	25.6	1091.4	25.6
2SP38-68	164	15343	1.4	1.49957	3.5	0.14222	3.3	0.95	857.2	26.8	930.2	21.4	1107.5	22.3	1107.5	22.3

2SP38-4	96	7990	3.2	2.03109	3.0	0.19262	1.7	0.56	1135.5	17.6	1126.0	20.7	1107.6	50.5	1107.6	50.5
2SP38-80	249	37912	3.3	2.36339	2.4	0.21174	2.2	0.90	1238.1	24.7	1231.6	17.4	1220.3	21.1	1220.3	21.1
2SP38-34	111	19056	2.6	2.46840	3.0	0.21948	1.9	0.62	1279.2	21.8	1262.8	21.8	1235.1	46.4	1235.1	46.4
2SP38-89	239	6853	5.7	2.14952	5.6	0.15607	4.9	0.87	934.9	42.7	1164.9	39.0	1622.0	51.3	1622.0	51.3
2SP38-65	95	17515	0.7	4.99471	2.6	0.32597	2.4	0.91	1818.8	38.0	1818.4	22.4	1818.0	20.3	1818.0	20.3
2SP38-11	145	24702	2.7	3.53822	5.3	0.22946	5.2	0.98	1331.7	62.1	1535.8	41.7	1829.4	18.2	1829.4	18.2
2SP38-55	22	6356	0.7	5.52997	3.4	0.33895	2.0	0.57	1881.6	32.0	1905.3	29.4	1931.1	50.1	1931.1	50.1
2SP38-59	136	15568	1.0	5.74011	9.0	0.33465	8.7	0.97	1860.9	141.2	1937.4	77.8	2020.3	37.2	2020.3	37.2
2SP38-18	134	46960	4.2	7.22897	1.8	0.39160	1.5	0.83	2130.2	27.0	2140.1	16.0	2149.5	17.5	2149.5	17.5
2SP38-32	53	19320	0.6	7.50476	2.0	0.40101	1.8	0.87	2173.7	32.5	2173.6	18.2	2173.4	17.6	2173.4	17.6
2SP38-40	71	22063	0.6	9.27050	3.7	0.42784	3.6	0.96	2296.0	69.7	2365.1	34.4	2425.3	17.0	2425.3	17.0
2SP38-17	98	48591	1.8	12.66979	1.8	0.51413	1.4	0.82	2674.2	31.5	2655.4	16.5	2641.1	16.6	2641.1	16.6
2SP238-45	467	2315	4.2	0.03909	10.4	0.00619	1.5	0.15	39.8	0.6	38.9	4.0	-14.8	249.2	39.8	0.6
2SP238-61	512	2253	0.9	0.61210	5.3	0.07453	4.7	0.89	463.4	21.0	484.9	20.3	587.6	52.2	463.4	21.0
2SP238-54	165	6273	1.6	0.60297	5.8	0.07700	4.1	0.70	478.2	18.8	479.1	22.3	483.4	91.8	478.2	18.8
2SP238-71	238	13662	1.2	0.61944	4.4	0.07912	4.0	0.92	490.8	19.0	489.5	17.0	483.2	38.1	490.8	19.0
2SP238-19	485	27622	0.8	0.64482	1.4	0.08103	1.0	0.70	502.3	4.8	505.3	5.7	519.0	22.1	502.3	4.8
2SP238-14	124	4166	0.5	0.69699	5.8	0.08189	1.5	0.25	507.4	7.1	537.0	24.2	664.8	120.4	507.4	7.1
2SP238-16	154	12662	1.5	0.65282	4.0	0.08236	1.8	0.45	510.2	8.8	510.2	16.1	510.3	78.8	510.2	8.8
2SP238-49	213	11552	1.2	0.65395	2.4	0.08248	1.7	0.70	510.9	8.3	510.9	9.8	511.0	38.2	510.9	8.3
2SP238-30	279	3007	1.4	0.70949	3.2	0.08342	2.3	0.72	516.5	11.3	544.4	13.3	663.3	47.1	516.5	11.3
2SP238-6	176	5075	1.1	0.73246	3.5	0.08407	1.9	0.53	520.4	9.4	558.0	15.1	714.7	63.2	520.4	9.4
2SP238-27	157	6812	0.8	0.68724	3.0	0.08453	1.9	0.63	523.1	9.5	531.1	12.4	565.8	50.9	523.1	9.5
2SP238-50	99	5663	1.6	0.66935	3.1	0.08486	1.7	0.54	525.1	8.5	520.3	12.7	499.5	57.9	525.1	8.5
2SP238-36	163	6105	1.5	0.67699	4.5	0.08536	1.5	0.32	528.1	7.4	525.0	18.5	511.5	94.1	528.1	7.4
2SP238-78	99	5533	1.5	0.68879	3.3	0.08540	1.8	0.54	528.3	9.0	532.1	13.6	548.3	60.4	528.3	9.0
2SP238-63	196	14007	1.6	0.69135	2.4	0.08671	2.0	0.82	536.1	10.2	533.6	10.0	523.1	30.0	536.1	10.2
2SP238-53	117	8727	1.2	0.68505	4.7	0.08681	3.0	0.64	536.7	15.6	529.8	19.6	500.5	80.2	536.7	15.6
2SP238-2	164	13152	0.8	0.67822	4.2	0.08686	3.9	0.93	536.9	20.3	525.7	17.3	477.1	33.4	536.9	20.3
2SP238-79	171	9244	1.1	0.70381	2.1	0.08718	1.5	0.69	538.8	7.6	541.1	9.0	550.5	33.8	538.8	7.6
2SP238-100	133	10313	1.3	0.71740	4.9	0.08951	4.2	0.85	552.6	22.2	549.1	20.9	534.7	56.3	552.6	22.2
2SP238-56	237	3632	0.7	0.77279	3.5	0.09145	3.0	0.83	564.1	15.9	581.4	15.7	649.3	42.1	564.1	15.9
2SP238-42	223	5298	1.0	0.72843	5.8	0.09234	5.2	0.90	569.3	28.3	555.6	24.7	499.8	55.1	569.3	28.3
2SP238-46	257	16430	2.1	0.82748	3.9	0.09533	3.3	0.85	587.0	18.8	612.2	18.0	706.7	43.4	587.0	18.8
2SP238-37	470	31064	1.7	0.82625	1.5	0.10042	1.1	0.73	616.9	6.2	611.5	6.7	591.7	21.7	616.9	6.2
2SP238-25	111	9077	0.9	0.84886	2.3	0.10131	1.2	0.52	622.1	7.2	624.0	10.9	631.0	43.3	622.1	7.2
2SP238-40	133	8452	0.6	0.85529	5.7	0.10225	4.8	0.85	627.6	29.0	627.6	26.8	627.5	65.7	627.6	29.0
2SP238-64	277	18746	0.9	0.86634	3.2	0.10278	3.0	0.95	630.7	18.0	633.6	14.9	643.9	21.9	630.7	18.0
2SP238-77	60	5606	0.2	0.87302	4.9	0.10488	1.3	0.26	643.0	7.7	637.2	23.3	616.8	102.9	643.0	7.7
2SP238-91	54	6964	1.3	0.92823	5.5	0.10796	1.0	0.19	660.9	6.4	666.7	26.7	686.5	114.4	660.9	6.4
2SP238-95	85	6338	0.9	0.91588	6.8	0.10938	6.0	0.88	669.2	38.3	660.2	33.1	629.6	69.4	669.2	38.3
2SP238-81	116	9296	1.7	0.92316	4.4	0.11218	3.9	0.90	685.4	25.7	664.0	21.4	592.1	41.6	685.4	25.7
2SP238-9	155	18100	2.3	1.52240	2.1	0.15773	1.6	0.74	944.1	13.9	939.4	13.1	928.4	29.4	928.4	29.4
2SP238-55	37	4510	0.8	1.58453	4.5	0.16331	1.3	0.29	975.2	11.8	964.2	27.7	939.1	87.3	939.1	87.3

2SP238-23	228	25641	2.0	1.57788	1.6	0.16151	1.2	0.77	965.1	11.0	961.5	9.8	953.3	20.5	953.3	20.5
2SP238-62	127	7384	2.0	1.35347	3.3	0.13791	1.7	0.53	832.8	13.4	869.1	19.1	962.6	56.8	962.6	56.8
2SP238-66	98	11457	1.5	1.66077	4.9	0.16727	4.6	0.94	997.1	42.2	993.7	30.8	986.2	33.7	986.2	33.7
2SP238-18	38	5240	1.5	1.73628	3.6	0.17466	1.0	0.28	1037.7	9.6	1022.1	23.4	988.7	70.9	988.7	70.9
2SP238-90	113	4463	1.9	1.38792	2.5	0.13956	1.9	0.79	842.2	15.4	883.8	14.5	989.5	30.6	989.5	30.6
2SP238-3	168	20784	1.9	1.67122	1.5	0.16674	1.2	0.75	994.2	10.6	997.7	9.7	1005.3	20.4	1005.3	20.4
2SP238-59	195	21843	3.3	1.58297	1.9	0.15780	1.6	0.84	944.5	13.8	963.5	11.6	1007.2	20.4	1007.2	20.4
2SP238-65	323	46777	2.8	1.74059	1.6	0.17325	1.2	0.78	1030.0	11.7	1023.7	10.2	1010.2	20.3	1010.2	20.3
2SP238-28	296	43796	2.3	1.68815	2.1	0.16794	1.9	0.88	1000.8	17.3	1004.1	13.5	1011.2	20.3	1011.2	20.3
2SP238-86	260	32079	3.7	1.70419	1.7	0.16943	1.4	0.82	1009.0	13.3	1010.1	11.1	1012.6	20.4	1012.6	20.4
2SP238-85	115	16503	2.8	1.76041	4.3	0.17443	4.1	0.95	1036.5	39.4	1031.0	28.0	1019.4	26.6	1019.4	26.6
2SP238-80	63	5075	1.0	1.65770	3.9	0.16414	2.1	0.54	979.7	19.5	992.5	25.0	1020.8	66.9	1020.8	66.9
2SP238-12	264	15507	1.8	1.59038	2.3	0.15680	2.0	0.88	939.0	17.5	966.4	14.2	1029.5	21.6	1029.5	21.6
2SP238-33	112	15801	2.1	1.80267	2.3	0.17763	1.2	0.54	1054.0	12.0	1046.4	14.9	1030.6	38.7	1030.6	38.7
2SP238-48	109	12418	1.2	1.65101	3.5	0.16227	3.3	0.93	969.4	29.5	989.9	22.2	1035.8	25.2	1035.8	25.2
2SP238-67	73	11294	1.8	1.76047	2.9	0.17290	2.6	0.91	1028.0	24.9	1031.0	18.7	1037.3	24.3	1037.3	24.3
2SP238-20	117	14723	2.3	1.70809	2.2	0.16760	1.2	0.55	998.9	11.2	1011.6	14.0	1039.1	36.8	1039.1	36.8
2SP238-72	77	11453	3.0	1.88345	4.5	0.18432	3.8	0.86	1090.6	38.6	1075.3	29.7	1044.4	46.4	1044.4	46.4
2SP238-29	178	25215	1.6	1.70580	3.4	0.16682	3.2	0.95	994.5	29.9	1010.7	21.7	1045.9	20.4	1045.9	20.4
2SP238-76	142	24838	2.2	1.78712	1.7	0.17473	1.3	0.80	1038.1	12.8	1040.8	10.9	1046.4	20.5	1046.4	20.5
2SP238-21	86	10109	1.5	1.83967	4.2	0.17976	3.4	0.81	1065.7	33.3	1059.7	27.6	1047.5	49.9	1047.5	49.9
2SP238-98	92	10263	1.8	1.86255	5.0	0.18172	4.7	0.94	1076.4	46.4	1067.9	32.8	1050.6	33.8	1050.6	33.8
2SP238-73	187	24311	2.1	1.82009	2.8	0.17756	2.7	0.94	1053.6	25.9	1052.7	18.7	1050.9	20.3	1050.9	20.3
2SP238-97	148	16838	3.8	1.80449	4.2	0.17566	4.1	0.97	1043.2	39.5	1047.1	27.6	1055.2	20.6	1055.2	20.6
2SP238-13	168	26520	1.8	1.86958	3.8	0.18192	3.7	0.96	1077.5	36.6	1070.4	25.3	1056.0	20.2	1056.0	20.2
2SP238-22	150	18378	1.3	1.77959	1.4	0.17301	1.0	0.72	1028.7	9.9	1038.0	9.4	1057.8	20.3	1057.8	20.3
2SP238-39	82	9349	2.2	1.58675	5.2	0.15409	4.1	0.80	923.8	35.4	965.0	32.2	1060.1	62.7	1060.1	62.7
2SP238-38	152	8654	0.9	1.74357	2.3	0.16836	1.4	0.62	1003.1	13.1	1024.8	14.8	1071.5	36.2	1071.5	36.2
2SP238-26	87	12130	1.4	1.86721	2.2	0.17993	1.8	0.80	1066.6	17.6	1069.5	14.9	1075.5	27.1	1075.5	27.1
2SP238-69	184	21807	2.0	1.86953	2.8	0.17911	2.6	0.93	1062.1	25.1	1070.4	18.2	1087.2	20.1	1087.2	20.1
2SP238-15	655	47674	1.8	1.91516	2.0	0.18133	1.7	0.87	1074.2	17.2	1086.4	13.4	1110.8	20.0	1110.8	20.0
2SP238-70	131	14813	3.1	1.93747	7.7	0.18276	7.6	0.99	1082.0	75.4	1094.1	51.4	1118.2	24.9	1118.2	24.9
2SP238-11	74	12252	1.7	2.06692	2.8	0.19455	1.7	0.60	1146.0	17.4	1137.9	18.9	1122.5	44.1	1122.5	44.1
2SP238-52	97	9856	3.1	2.00412	2.9	0.18686	2.5	0.85	1104.3	24.9	1116.9	19.6	1141.4	30.4	1141.4	30.4
2SP238-4	434	53874	7.6	2.03231	5.3	0.18926	5.3	0.98	1117.3	53.9	1126.4	36.4	1143.9	19.9	1143.9	19.9
2SP238-74	169	23595	1.7	2.09343	1.6	0.19453	1.2	0.77	1145.9	12.6	1146.7	10.8	1148.1	20.0	1148.1	20.0
2SP238-75	299	35868	1.9	2.06007	4.4	0.19132	4.3	0.97	1128.5	44.3	1135.6	30.1	1149.3	19.9	1149.3	19.9
2SP238-44	336	36023	1.7	2.04651	1.9	0.18991	1.6	0.85	1120.9	16.6	1131.1	12.9	1150.8	19.9	1150.8	19.9
2SP238-87	157	18252	1.7	2.00507	1.7	0.18593	1.3	0.75	1099.3	13.1	1117.2	11.7	1152.3	22.4	1152.3	22.4
2SP238-68	128	15464	1.6	2.17028	2.4	0.20069	2.2	0.91	1179.0	23.5	1171.6	16.7	1157.8	20.2	1157.8	20.2
2SP238-94	197	25620	1.5	2.14075	3.9	0.19754	3.7	0.97	1162.1	39.7	1162.1	26.8	1162.0	20.1	1162.0	20.1
2SP238-34	104	14465	2.5	2.13907	2.8	0.19731	2.5	0.89	1160.8	26.2	1161.5	19.2	1162.8	25.1	1162.8	25.1
2SP238-17	95	17263	1.1	2.05957	1.7	0.18936	1.4	0.81	1117.9	14.1	1135.5	11.6	1169.2	19.9	1169.2	19.9
2SP238-99	77	12544	4.0	2.13417	1.9	0.19596	1.6	0.84	1153.6	16.8	1159.9	13.2	1171.8	20.8	1171.8	20.8
2SP238-96	166	19315	1.0	2.10065	2.2	0.19281	2.0	0.89	1136.6	20.6	1149.0	15.3	1172.5	20.0	1172.5	20.0

2SP238-8	53	10414	2.1	2.12998	2.9	0.19487	1.8	0.63	1147.7	19.0	1158.6	19.8	1178.9	43.9	1178.9	43.9
2SP238-5	48	5758	1.0	2.29015	4.8	0.20846	3.7	0.77	1220.6	41.3	1209.3	34.0	1189.0	60.2	1189.0	60.2
2SP238-32	318	57831	1.5	2.19839	1.4	0.19861	1.0	0.71	1167.8	10.7	1180.5	9.9	1203.8	19.7	1203.8	19.7
2SP238-88	141	21878	2.5	2.21231	2.4	0.19819	2.1	0.90	1165.6	22.7	1184.9	16.5	1220.5	19.9	1220.5	19.9
2SP238-1	91	15619	2.1	2.25512	3.8	0.20141	3.6	0.93	1182.9	38.5	1198.4	26.9	1226.4	27.5	1226.4	27.5
2SP238-31	177	23514	1.5	2.42557	4.9	0.21132	4.8	0.98	1235.8	53.6	1250.2	35.0	1275.0	19.6	1275.0	19.6
2SP238-7	197	40320	2.2	2.96773	5.5	0.23992	5.4	0.98	1386.3	67.6	1399.4	41.9	1419.4	19.2	1419.4	19.2
2SP238-51	305	47277	1.1	3.02202	1.4	0.24428	1.0	0.71	1408.9	12.7	1413.2	10.8	1419.6	19.1	1419.6	19.1
2SP238-84	144	34162	1.7	3.40887	1.9	0.26885	1.6	0.85	1534.9	22.0	1506.4	14.9	1466.6	19.1	1466.6	19.1
2SP238-58	246	22936	3.3	3.05795	4.8	0.20912	4.7	0.98	1224.1	52.8	1422.2	37.1	1732.7	18.4	1732.7	18.4
2SP238-24	68	16073	0.6	4.87103	1.6	0.31936	1.3	0.79	1786.6	20.2	1797.3	13.8	1809.6	18.4	1809.6	18.4
2SP238-41	103	22101	1.6	6.95840	3.2	0.38759	3.1	0.95	2111.6	55.6	2106.1	28.8	2100.8	17.6	2100.8	17.6
2SP238-60	98	23829	0.8	7.32275	3.2	0.39119	3.1	0.95	2128.3	55.6	2151.6	28.8	2173.9	17.4	2173.9	17.4
2SP238-82	36	13926	0.9	8.65834	2.5	0.42542	2.2	0.91	2285.1	43.1	2302.7	22.4	2318.4	17.3	2318.4	17.3
2SP238-83	249	78198	1.7	10.14362	2.2	0.45018	2.0	0.90	2396.1	40.3	2448.0	20.8	2491.3	16.9	2491.3	16.9
2SP277-46	509	1973	0.7	0.03671	7.4	0.00556	2.3	0.31	35.7	0.8	36.6	2.7	94.0	166.5	35.7	0.8
2SP277-70	299	1143	3.5	0.03926	7.9	0.00575	4.5	0.57	37.0	1.7	39.1	3.0	172.1	152.3	37.0	1.7
2SP277-66	474	897	1.2	0.37984	10.9	0.05603	8.2	0.75	351.4	28.1	326.9	30.4	155.7	167.4	351.4	28.1
2SP277-85	203	4324	1.7	0.56065	6.3	0.06797	5.6	0.89	423.9	23.0	452.0	22.9	597.2	61.6	423.9	23.0
2SP277-84	384	18419	7.6	0.56611	3.9	0.07207	3.6	0.93	448.6	15.7	455.5	14.4	490.5	32.2	448.6	15.7
2SP277-71	449	4562	1.2	0.62139	3.4	0.07276	2.1	0.64	452.7	9.4	490.7	13.0	672.1	55.0	452.7	9.4
2SP277-104	313	20271	1.5	0.59056	4.3	0.07493	4.0	0.92	465.8	18.0	471.2	16.4	497.7	36.9	465.8	18.0
2SP277-26	284	13776	1.6	0.59671	2.8	0.07571	1.6	0.58	470.5	7.4	475.1	10.7	497.7	50.5	470.5	7.4
2SP277-51	510	6033	1.6	0.65896	7.8	0.07706	6.9	0.88	478.6	31.7	514.0	31.5	674.7	79.4	478.6	31.7
2SP277-76	236	13968	1.5	0.65444	5.3	0.08049	4.8	0.90	499.0	23.1	511.2	21.4	566.0	50.1	499.0	23.1
2SP277-31	150	8492	1.2	0.66373	3.9	0.08118	1.1	0.30	503.2	5.6	516.9	15.6	578.1	80.0	503.2	5.6
2SP277-65	174	11107	1.1	0.68005	2.9	0.08298	1.5	0.50	513.9	7.3	526.8	12.1	583.0	55.0	513.9	7.3
2SP277-38	119	7840	1.2	0.67255	5.8	0.08312	4.0	0.69	514.7	19.7	522.3	23.5	555.3	90.9	514.7	19.7
2SP277-36	156	8729	1.5	0.67625	4.5	0.08317	4.0	0.88	515.0	19.7	524.5	18.6	566.1	47.1	515.0	19.7
2SP277-75	145	10413	2.5	0.67038	3.6	0.08347	3.3	0.92	516.8	16.4	520.9	14.7	539.0	31.6	516.8	16.4
2SP277-55	184	10507	2.1	0.66644	2.9	0.08368	1.6	0.56	518.1	8.0	518.5	11.7	520.6	52.3	518.1	8.0
2SP277-2	468	76287	1.3	0.66574	5.1	0.08384	4.8	0.95	519.0	24.2	518.1	20.8	514.2	36.7	519.0	24.2
2SP277-39	705	8139	0.9	0.71102	7.8	0.08428	5.9	0.75	521.6	29.4	545.4	32.9	645.7	110.4	521.6	29.4
2SP277-29	190	13012	2.4	0.69887	2.8	0.08553	1.9	0.67	529.0	9.7	538.1	11.9	576.7	45.9	529.0	9.7
2SP277-95	84	6312	0.9	0.70369	4.9	0.08571	3.7	0.76	530.1	18.7	541.0	20.4	587.2	68.6	530.1	18.7
2SP277-30	152	8361	1.2	0.74345	3.9	0.08632	2.4	0.61	533.8	12.2	564.4	16.8	689.9	65.7	533.8	12.2
2SP277-80	205	14453	1.6	0.71350	3.5	0.08666	2.6	0.73	535.7	13.2	546.8	14.9	593.3	52.8	535.7	13.2
2SP277-77	612	28601	2.5	0.74048	3.1	0.08799	3.0	0.95	543.7	15.5	562.7	13.6	640.4	21.6	543.7	15.5
2SP277-99	93	7197	1.4	0.75769	5.2	0.08842	1.4	0.27	546.2	7.2	572.7	22.7	679.2	106.7	546.2	7.2
2SP277-3	192	13202	1.8	0.71222	5.9	0.08863	5.3	0.90	547.4	27.7	546.1	24.9	540.4	56.6	547.4	27.7
2SP277-4	263	20875	1.6	0.72653	4.0	0.08877	1.1	0.27	548.3	5.7	554.5	17.1	580.2	83.9	548.3	5.7
2SP277-9	51	5275	1.4	0.86555	7.8	0.09705	4.8	0.62	597.1	27.3	633.1	36.5	764.0	128.5	597.1	27.3
2SP277-34	306	26427	8.0	0.82203	2.2	0.09875	1.6	0.73	607.1	9.3	609.2	10.1	616.9	32.7	607.1	9.3
2SP277-82	185	14625	0.7	0.84746	2.7	0.09931	2.1	0.79	610.4	12.3	623.3	12.5	670.3	35.1	610.4	12.3

2SP277-40	224	17285	3.4	0.82162	7.6	0.09949	7.4	0.97	611.4	43.3	609.0	35.0	599.9	37.9	611.4	43.3
2SP277-50	54	2583	1.3	0.87796	5.3	0.10051	3.1	0.58	617.4	18.0	639.9	25.1	720.1	91.3	617.4	18.0
2SP277-44	75	3018	1.2	0.93764	7.1	0.10090	4.2	0.59	619.7	24.7	671.6	34.7	850.1	118.3	619.7	24.7
2SP277-54	245	18154	1.0	0.85660	3.1	0.10124	2.2	0.71	621.7	13.0	628.3	14.4	652.1	46.4	621.7	13.0
2SP277-47	99	6382	0.8	0.87593	5.9	0.10214	4.8	0.81	626.9	28.5	638.8	27.9	680.9	73.2	626.9	28.5
2SP277-49	380	22459	0.9	0.86534	3.5	0.10217	3.4	0.96	627.1	20.1	633.0	16.5	654.3	21.8	627.1	20.1
2SP277-59	51	4512	0.8	0.84519	4.1	0.10226	2.6	0.65	627.7	15.8	622.0	18.9	601.5	66.9	627.7	15.8
2SP277-20	196	12631	0.5	0.89295	3.8	0.10263	1.7	0.45	629.8	10.3	648.0	18.2	711.7	72.3	629.8	10.3
2SP277-67	89	1995	1.4	0.89709	5.5	0.10270	2.8	0.51	630.2	16.8	650.2	26.3	720.0	99.8	630.2	16.8
2SP277-45	108	8224	0.9	0.88251	5.5	0.10274	4.0	0.73	630.5	24.2	642.3	26.2	684.3	80.5	630.5	24.2
2SP277-103	499	34123	1.7	0.86943	2.0	0.10303	1.8	0.87	632.1	10.6	635.3	9.6	646.3	21.6	632.1	10.6
2SP277-53	314	20250	0.7	0.88045	2.2	0.10346	1.3	0.59	634.6	7.8	641.2	10.3	664.5	37.2	634.6	7.8
2SP277-1	109	13223	0.5	0.88057	3.8	0.10463	1.9	0.50	641.5	11.6	641.3	18.1	640.7	70.6	641.5	11.6
2SP277-74	348	19004	4.3	0.98711	8.2	0.10504	6.7	0.82	643.9	41.1	697.2	41.4	873.3	97.7	643.9	41.1
2SP277-101	214	18834	0.5	0.90449	2.6	0.10513	1.7	0.67	644.4	10.7	654.1	12.5	687.7	41.2	644.4	10.7
2SP277-28	599	25574	1.5	0.87381	3.4	0.10524	3.2	0.93	645.1	19.5	637.6	16.2	611.3	26.6	645.1	19.5
2SP277-25	165	13382	1.8	0.90071	2.8	0.10559	1.3	0.46	647.1	7.8	652.1	13.4	669.5	52.9	647.1	7.8
2SP277-97	167	5345	0.9	0.96272	4.1	0.10747	1.7	0.43	658.0	10.9	684.7	20.3	773.4	77.6	658.0	10.9
2SP277-72	200	6649	1.0	0.93713	6.3	0.10766	5.1	0.81	659.2	32.1	671.4	31.1	712.6	79.4	659.2	32.1
2SP277-98	120	7447	1.4	0.97755	7.5	0.10882	5.5	0.73	665.9	34.8	692.4	37.6	779.3	107.0	665.9	34.8
2SP277-100	155	13766	1.1	0.94432	4.6	0.10988	2.8	0.62	672.1	18.1	675.1	22.7	685.4	77.4	672.1	18.1
2SP277-6	181	6802	1.1	0.99051	4.9	0.11133	4.0	0.81	680.4	25.7	699.0	24.7	759.0	60.1	680.4	25.7
2SP277-42	162	15606	1.2	0.96459	4.5	0.11232	3.8	0.84	686.2	24.7	685.7	22.6	683.9	52.9	686.2	24.7
2SP277-18	82	10952	1.3	1.03118	7.9	0.11738	6.5	0.82	715.5	44.0	719.5	40.9	732.1	96.1	715.5	44.0
2SP277-7	194	40386	1.5	1.08461	4.8	0.11808	4.2	0.88	719.5	28.7	745.9	25.2	825.8	46.7	719.5	28.7
2SP277-22	362	12490	1.1	1.04841	5.0	0.11885	4.8	0.96	724.0	32.7	728.1	25.7	740.9	27.6	724.0	32.7
2SP277-88	135	15138	0.9	1.08684	2.3	0.12219	1.4	0.61	743.1	9.6	747.0	12.0	758.5	37.9	743.1	9.6
2SP277-102	76	8403	1.9	1.24100	6.0	0.13373	4.7	0.78	809.1	35.4	819.3	33.7	847.2	78.4	809.1	35.4
2SP277-14	162	9027	0.6	1.28803	9.4	0.13633	8.7	0.92	823.9	67.2	840.4	53.8	884.4	74.8	823.9	67.2
2SP277-62	93	5262	1.6	1.47359	4.6	0.14707	4.0	0.86	884.5	32.7	919.6	27.9	1004.7	48.5	884.5	32.7
2SP277-48	29	3347	0.9	1.49497	2.9	0.14935	1.8	0.63	897.3	15.3	928.3	17.5	1002.8	45.2	1002.8	45.2
2SP277-69	203	27050	2.8	1.74570	2.8	0.17293	2.4	0.87	1028.2	23.1	1025.6	18.1	1019.9	28.1	1019.9	28.1
2SP277-21	88	11326	2.5	1.76773	4.9	0.17439	3.9	0.80	1036.2	37.7	1033.7	31.8	1028.3	59.0	1028.3	59.0
2SP277-63	195	20707	2.3	1.70729	4.7	0.16767	4.5	0.97	999.3	41.9	1011.3	30.0	1037.4	24.1	1037.4	24.1
2SP277-17	106	8714	0.6	1.72441	2.7	0.16907	1.2	0.44	1007.0	10.9	1017.7	17.0	1040.7	48.0	1040.7	48.0
2SP277-8	242	29263	1.9	1.81368	8.4	0.17705	8.1	0.97	1050.8	78.9	1050.4	55.0	1049.5	41.8	1049.5	41.8
2SP277-94	206	39277	2.2	1.74239	1.7	0.16955	1.1	0.65	1009.6	10.4	1024.4	10.9	1056.0	25.8	1056.0	25.8
2SP277-87	715	93410	6.7	1.84982	8.3	0.17908	8.3	0.99	1061.9	81.1	1063.4	55.0	1066.3	20.1	1066.3	20.1
2SP277-90	170	18762	1.4	1.89596	3.2	0.18350	2.4	0.76	1086.1	23.9	1079.7	21.0	1066.7	41.4	1066.7	41.4
2SP277-33	71	12570	0.8	1.90785	2.6	0.18367	1.6	0.59	1087.0	15.5	1083.8	17.6	1077.4	42.9	1077.4	42.9
2SP277-91	901	70535	1.1	1.79994	2.4	0.17329	2.2	0.91	1030.2	21.3	1045.4	16.0	1077.4	20.1	1077.4	20.1
2SP277-16	219	16696	2.0	1.83093	1.8	0.17609	1.4	0.80	1045.6	13.9	1056.6	11.8	1079.5	21.6	1079.5	21.6
2SP277-27	235	11586	2.5	1.85522	2.3	0.17777	1.7	0.75	1054.8	17.0	1065.3	15.4	1086.9	31.1	1086.9	31.1
2SP277-86	317	27441	2.8	2.01228	2.8	0.18759	1.3	0.46	1108.3	12.9	1119.7	18.7	1141.7	48.6	1141.7	48.6
2SP277-37	202	30004	1.6	2.15310	3.0	0.19934	2.7	0.91	1171.8	29.1	1166.1	20.7	1155.4	24.7	1155.4	24.7

2SP277-5	140	8022	1.7	1.94461	6.1	0.17864	5.4	0.89	1059.5	53.2	1096.6	41.2	1170.8	55.9	1170.8	55.9
2SP277-61	152	10524	1.4	2.02571	3.0	0.18582	2.8	0.94	1098.7	28.0	1124.2	20.2	1173.8	20.6	1173.8	20.6
2SP277-106	246	40462	1.4	2.12355	3.3	0.19438	3.2	0.95	1145.1	33.1	1156.5	22.8	1177.9	19.8	1177.9	19.8
2SP277-68	198	30123	2.0	2.12187	2.9	0.19383	2.7	0.94	1142.1	28.5	1155.9	20.1	1182.0	19.8	1182.0	19.8
2SP277-41	162	19185	1.1	2.21362	2.7	0.19824	1.8	0.66	1165.8	19.3	1185.4	19.2	1221.1	40.6	1221.1	40.6
2SP277-58	170	27346	1.8	2.39960	4.1	0.21483	3.9	0.95	1254.5	44.5	1242.5	29.5	1221.6	26.0	1221.6	26.0
2SP277-43	344	48068	1.6	2.31031	4.7	0.20648	4.6	0.98	1210.0	50.4	1215.5	33.1	1225.1	19.7	1225.1	19.7
2SP277-73	449	50718	1.7	2.35227	3.1	0.21017	2.9	0.95	1229.7	32.9	1228.2	22.1	1225.6	19.7	1225.6	19.7
2SP277-89	199	32962	1.5	2.32113	1.6	0.20620	1.1	0.67	1208.5	11.9	1218.8	11.3	1236.9	23.2	1236.9	23.2
2SP277-60	63	12276	2.1	2.32213	3.5	0.20507	1.5	0.42	1202.5	16.1	1219.1	24.6	1248.6	61.4	1248.6	61.4
2SP277-24	105	20968	2.9	2.44519	1.6	0.21548	1.1	0.68	1257.9	12.1	1256.0	11.2	1252.7	22.4	1252.7	22.4
2SP277-96	80	16233	1.1	3.14859	4.2	0.24649	4.0	0.95	1420.4	50.4	1444.7	32.2	1480.6	25.3	1480.6	25.3
2SP277-92	44	5155	1.3	3.47612	6.1	0.26759	5.1	0.84	1528.5	69.8	1521.8	48.3	1512.5	63.1	1512.5	63.1
2SP277-83	165	7317	1.7	3.40814	2.3	0.25968	1.4	0.60	1488.2	18.7	1506.3	18.4	1531.8	35.2	1531.8	35.2
2SP277-64	26	3143	0.8	3.95215	4.6	0.26348	3.6	0.79	1507.6	48.5	1624.4	37.2	1779.2	51.6	1779.2	51.6
2SP277-79	46	16318	0.9	6.55812	4.0	0.36944	3.7	0.91	2026.7	63.5	2053.7	35.2	2080.9	28.4	2080.9	28.4
2SP277-35	69	21973	0.4	10.69015	3.2	0.43772	3.1	0.95	2340.4	60.3	2496.6	30.0	2626.2	16.6	2626.2	16.6
2SP277-19	34	12506	0.6	15.78006	5.9	0.57401	5.8	0.99	2924.3	136.6	2863.6	56.4	2821.1	16.4	2821.1	16.4
3SP431-45	204	938	2.6	0.03463	33.6	0.00535	4.1	0.12	34.4	1.4	34.6	11.4	44.9	817.1	34.4	1.4
3SP431-49	376	1883	2.2	0.03895	22.3	0.00541	4.6	0.21	34.8	1.6	38.8	8.5	293.6	502.4	34.8	1.6
3SP431-51	164	659	0.5	0.03401	38.6	0.00550	9.3	0.24	35.4	3.3	34.0	12.9	-64.4	944.2	35.4	3.3
3SP431-66	442	1878	0.3	0.04210	13.5	0.00552	3.0	0.22	35.5	1.1	41.9	5.6	425.6	295.7	35.5	1.1
3SP431-87	198	947	0.7	0.05815	32.0	0.00552	6.8	0.21	35.5	2.4	57.4	17.8	1106.3	639.5	35.5	2.4
3SP431-23	312	1648	2.2	0.04087	18.4	0.00556	2.7	0.14	35.8	1.0	40.7	7.4	340.6	416.3	35.8	1.0
3SP431-2	180	1023	5.4	0.03967	17.0	0.00571	6.2	0.36	36.7	2.3	39.5	6.6	211.7	369.8	36.7	2.3
3SP431-42	276	10482	2.9	0.59029	2.2	0.07344	1.8	0.83	456.8	8.1	471.1	8.4	540.9	27.3	456.8	8.1
3SP431-99	203	5683	3.4	0.60469	8.1	0.07397	4.3	0.53	460.0	19.0	480.2	31.1	577.7	150.5	460.0	19.0
3SP431-46	179	11773	0.8	0.61144	2.5	0.07686	1.0	0.39	477.4	4.6	484.5	9.8	518.1	51.2	477.4	4.6
3SP431-79	944	44273	0.6	0.62720	2.7	0.07801	2.5	0.93	484.3	11.8	494.3	10.6	541.3	21.9	484.3	11.8
3SP431-98	237	12568	1.0	0.63464	2.9	0.07935	1.8	0.64	492.2	8.7	499.0	11.4	530.0	48.4	492.2	8.7
3SP431-31	312	18432	0.9	0.65283	2.9	0.07999	1.0	0.35	496.1	4.8	510.2	11.6	574.1	58.8	496.1	4.8
3SP431-85	163	7309	1.1	0.66006	3.1	0.08050	1.7	0.57	499.1	8.3	514.6	12.4	584.1	54.9	499.1	8.3
3SP431-60	141	7679	1.8	0.65463	4.6	0.08052	2.3	0.51	499.2	11.1	511.3	18.3	565.8	85.6	499.2	11.1
3SP431-47	459	29519	1.5	0.66319	2.4	0.08159	1.7	0.71	505.6	8.4	516.6	9.8	565.3	37.1	505.6	8.4
3SP431-92	380	5915	2.0	0.68485	2.8	0.08220	2.1	0.73	509.2	10.1	529.7	11.6	618.9	41.4	509.2	10.1
3SP431-14	205	13524	1.0	0.67836	2.9	0.08231	1.8	0.64	509.9	9.0	525.8	11.8	595.3	48.1	509.9	9.0
3SP431-13	206	8034	1.0	0.68107	6.0	0.08306	5.4	0.90	514.4	26.6	527.4	24.6	584.2	56.8	514.4	26.6
3SP431-27	306	21413	4.9	0.65415	3.4	0.08395	3.2	0.91	519.7	15.7	511.0	13.9	472.5	31.0	519.7	15.7
3SP431-6	151	7443	1.3	0.72663	3.4	0.08439	1.7	0.51	522.2	8.7	554.6	14.6	689.6	62.7	522.2	8.7
3SP431-48	232	9969	1.7	0.71896	10.4	0.08442	9.8	0.94	522.4	49.2	550.1	44.2	666.1	74.6	522.4	49.2
3SP431-35	233	7472	1.0	0.72764	6.0	0.08453	3.6	0.59	523.1	18.0	555.2	25.8	688.9	103.7	523.1	18.0
3SP431-50	292	16418	1.2	0.70030	3.5	0.08483	2.8	0.80	524.9	14.0	539.0	14.5	599.0	45.6	524.9	14.0
3SP431-7	405	3753	2.9	0.81560	4.7	0.08499	2.2	0.47	525.8	11.0	605.6	21.2	916.6	84.6	525.8	11.0
3SP431-70	196	9856	1.6	0.68305	3.8	0.08528	3.0	0.81	527.6	15.4	528.6	15.5	533.1	48.7	527.6	15.4

3SP431-24	236	14696	1.1	0.72267	3.3	0.08547	1.7	0.51	528.7	8.4	552.2	13.9	650.4	60.2	528.7	8.4
3SP431-55	165	4477	1.6	0.77987	6.6	0.08634	3.2	0.49	533.8	16.3	585.4	29.2	790.8	120.6	533.8	16.3
3SP431-94	194	13451	1.6	0.70852	3.4	0.08724	1.9	0.55	539.2	9.6	543.9	14.2	563.5	61.2	539.2	9.6
3SP431-67	77	5053	1.2	0.69240	5.8	0.08748	1.7	0.29	540.6	8.7	534.2	23.9	507.1	121.2	540.6	8.7
3SP431-77	154	7004	1.0	0.74789	4.8	0.08754	2.4	0.49	541.0	12.2	567.0	21.0	672.8	90.2	541.0	12.2
3SP431-75	132	1804	0.7	0.97596	19.2	0.08971	3.8	0.20	553.8	20.1	691.5	96.4	1169.6	375.2	553.8	20.1
3SP431-61	124	10048	1.1	0.74053	3.0	0.09007	1.8	0.60	556.0	9.7	562.7	13.0	590.1	52.2	556.0	9.7
3SP431-101	158	9499	1.1	0.73769	3.8	0.09026	1.7	0.45	557.1	9.2	561.1	16.5	577.3	74.3	557.1	9.2
3SP431-29	239	4286	1.1	0.81355	9.3	0.09068	8.8	0.94	559.6	47.0	604.4	42.3	776.4	64.3	559.6	47.0
3SP431-71	178	6499	1.7	0.79818	7.8	0.09187	2.3	0.29	566.6	12.3	595.8	35.2	708.6	159.2	566.6	12.3
3SP431-72	129	5975	0.9	0.82741	13.3	0.09209	3.1	0.23	567.9	17.0	612.2	61.3	779.7	273.0	567.9	17.0
3SP431-16	272	14793	1.0	0.79286	5.1	0.09365	4.2	0.82	577.1	23.4	592.8	23.1	653.4	62.4	577.1	23.4
3SP431-43	284	10861	0.5	0.83678	7.3	0.09414	1.6	0.22	580.0	8.8	617.4	33.9	757.0	151.0	580.0	8.8
3SP431-33	212	14671	1.3	0.77482	6.3	0.09432	5.5	0.87	581.0	30.6	582.5	28.0	588.4	67.4	581.0	30.6
3SP431-62	800	53259	0.8	0.79582	6.9	0.09520	6.9	0.99	586.2	38.4	594.5	31.2	626.1	21.6	586.2	38.4
3SP431-12	251	15413	2.7	0.87740	8.4	0.09728	3.9	0.46	598.5	22.2	639.6	39.8	787.7	156.1	598.5	22.2
3SP431-57	344	15215	1.9	0.81686	9.8	0.09808	9.4	0.97	603.2	54.4	606.3	44.7	618.0	54.3	603.2	54.4
3SP431-9	48	4553	0.7	0.89770	7.0	0.09866	1.7	0.24	606.5	9.7	650.5	33.9	806.2	143.5	606.5	9.7
3SP431-53	151	12762	0.9	0.84882	3.5	0.09887	2.2	0.63	607.8	12.8	624.0	16.3	683.3	57.9	607.8	12.8
3SP431-82	462	2682	1.8	1.01104	12.4	0.10035	9.1	0.74	616.5	53.6	709.4	63.3	1015.9	170.0	616.5	53.6
3SP431-84	184	12808	1.7	0.82633	2.3	0.10069	1.8	0.78	618.4	10.5	611.6	10.4	586.3	30.5	618.4	10.5
3SP431-40	390	7421	1.2	0.95153	10.4	0.10247	2.1	0.20	628.9	12.6	678.9	51.4	848.6	211.6	628.9	12.6
3SP431-81	183	13499	2.1	0.86654	6.1	0.10364	5.9	0.96	635.7	35.7	633.7	28.9	626.5	36.9	635.7	35.7
3SP431-25	849	64693	3.0	0.87256	2.0	0.10435	1.8	0.87	639.9	10.8	637.0	9.7	626.7	21.6	639.9	10.8
3SP431-89	150	11925	0.6	0.88238	3.6	0.10533	1.9	0.54	645.6	11.9	642.3	17.0	630.6	64.8	645.6	11.9
3SP431-8	73	7338	0.9	0.87055	7.9	0.10648	2.0	0.26	652.3	12.7	635.9	37.2	577.9	165.5	652.3	12.7
3SP431-73	139	10809	1.1	0.93428	2.7	0.10975	1.4	0.52	671.3	9.1	669.9	13.5	665.1	50.1	671.3	9.1
3SP431-39	171	7559	1.2	1.03680	5.7	0.11248	5.1	0.88	687.1	33.0	722.3	29.6	833.1	55.7	687.1	33.0
3SP431-30	157	17532	0.6	1.00698	4.5	0.11390	3.2	0.70	695.3	20.9	707.3	23.0	745.7	67.7	695.3	20.9
3SP431-74	604	50470	1.8	1.02239	1.7	0.11847	1.4	0.81	721.7	9.3	715.1	8.7	694.4	21.4	721.7	9.3
3SP431-64	443	40797	1.9	1.04406	4.8	0.12006	4.7	0.98	730.9	32.7	725.9	25.1	710.5	21.3	730.9	32.7
3SP431-76	687	45732	1.9	1.07478	2.9	0.12382	2.7	0.94	752.5	19.1	741.1	15.1	706.7	21.3	752.5	19.1
3SP431-86	322	28815	3.5	1.17906	2.6	0.12881	2.4	0.92	781.1	17.4	790.9	14.1	818.6	21.0	781.1	17.4
3SP431-38	434	39193	1.9	1.30735	1.4	0.13460	1.0	0.71	814.1	7.6	849.0	8.1	941.2	20.5	814.1	7.6
3SP431-93	269	29753	3.5	1.50791	1.5	0.15422	1.1	0.74	924.6	9.4	933.6	9.1	954.9	20.5	954.9	20.5
3SP431-3	321	34973	3.9	1.66457	2.8	0.16578	2.6	0.93	988.8	24.1	995.1	17.8	1009.0	20.3	1009.0	20.3
3SP431-28	79	15395	2.1	1.67404	4.7	0.16567	3.4	0.71	988.2	30.7	998.7	29.9	1021.9	66.9	1021.9	66.9
3SP431-63	206	29667	1.7	1.77963	2.2	0.17333	1.9	0.86	1030.5	17.9	1038.0	14.2	1054.0	22.2	1054.0	22.2
3SP431-95	115	11140	1.3	1.66113	2.9	0.16098	2.1	0.74	962.2	19.0	993.8	18.2	1064.2	38.8	1064.2	38.8
3SP431-100	121	8404	0.6	1.65701	5.6	0.15988	4.1	0.74	956.1	36.5	992.2	35.3	1072.9	75.6	1072.9	75.6
3SP431-44	52	7312	0.6	1.84663	4.2	0.17593	2.0	0.47	1044.7	19.1	1062.2	27.7	1098.4	74.2	1098.4	74.2
3SP431-41	129	13359	1.4	1.81094	4.3	0.16988	2.2	0.51	1011.5	20.8	1049.4	28.4	1129.2	74.2	1129.2	74.2
3SP431-97	56	6389	1.7	1.89004	4.5	0.17693	3.7	0.84	1050.2	36.3	1077.6	29.7	1133.5	48.3	1133.5	48.3
3SP431-15	298	36304	1.9	2.04736	2.4	0.19084	2.2	0.91	1125.9	22.7	1131.4	16.5	1141.9	19.9	1141.9	19.9
3SP431-10	72	8005	1.9	1.87309	4.4	0.17126	2.0	0.45	1019.1	18.8	1071.6	29.1	1180.1	77.5	1180.1	77.5

3SP431-17	75	2887	1.3	1.79683	4.7	0.16168	2.0	0.43	966.1	18.2	1044.3	30.9	1211.7	84.1	1211.7	84.1
3SP431-26	287	63001	2.1	2.40985	2.1	0.21520	1.9	0.88	1256.5	21.4	1245.5	15.3	1226.7	19.7	1226.7	19.7
3SP431-83	60	7617	1.5	2.33896	3.6	0.20450	1.8	0.51	1199.4	20.0	1224.2	25.3	1268.1	59.4	1268.1	59.4
3SP431-90	134	19498	1.3	2.62888	3.2	0.22242	2.5	0.76	1294.6	28.9	1308.8	23.8	1331.9	40.7	1331.9	40.7
3SP431-69	131	20431	1.7	3.01104	4.3	0.24174	3.5	0.81	1395.8	44.1	1410.4	32.9	1432.6	47.7	1432.6	47.7
3SP431-65	134	26467	2.7	3.39596	2.6	0.26266	2.4	0.91	1503.4	32.2	1503.5	20.7	1503.5	20.8	1503.5	20.8
3SP431-78	119	29498	0.9	4.67410	2.8	0.31415	2.4	0.88	1761.1	37.6	1762.6	23.1	1764.4	23.8	1764.4	23.8
3SP431-52	114	10326	0.1	5.02366	5.8	0.31644	5.2	0.89	1772.3	80.8	1823.3	49.4	1882.1	47.2	1882.1	47.2
3SP431-21	96	8569	1.2	6.48395	8.0	0.35318	7.7	0.96	1949.8	130.1	2043.7	70.9	2139.9	39.0	2139.9	39.0
3SP431-56	408	67411	2.4	6.97387	3.6	0.37275	2.7	0.74	2042.3	46.5	2108.1	31.8	2172.9	41.8	2172.9	41.8
3SP431-54	310	34354	0.5	7.23224	5.8	0.38416	5.7	0.99	2095.7	102.8	2140.5	52.1	2183.7	17.4	2183.7	17.4
3SP431-96	138	16872	2.3	13.68270	8.2	0.49765	7.1	0.86	2603.7	151.3	2728.0	77.9	2821.4	68.6	2821.4	68.6
4SP700-13	187	2856	3.0	0.49400	8.6	0.06401	7.2	0.84	400.0	28.1	407.6	28.9	451.2	103.6	400.0	28.1
4SP700-37	570	27850	0.7	0.61935	2.8	0.07711	2.6	0.92	478.8	11.8	489.4	10.8	539.4	23.6	478.8	11.8
4SP700-25	387	4253	1.4	0.62859	8.6	0.08073	7.4	0.87	500.5	35.9	495.2	33.6	470.9	94.4	500.5	35.9
4SP700-65	259	10882	1.1	0.64935	2.9	0.08178	1.9	0.64	506.7	9.3	508.1	11.8	514.2	49.6	506.7	9.3
4SP700-75	485	9233	1.7	0.66926	3.0	0.08264	2.6	0.89	511.9	13.0	520.3	12.1	557.3	29.9	511.9	13.0
4SP700-60	435	823	3.5	0.66766	9.2	0.08429	4.7	0.51	521.7	23.6	519.3	37.5	508.7	174.8	521.7	23.6
4SP700-69	251	11909	1.1	0.67810	4.2	0.08469	3.4	0.81	524.1	17.0	525.6	17.1	532.3	54.0	524.1	17.0
4SP700-80	150	3050	0.9	0.70142	4.3	0.08532	2.4	0.55	527.8	12.0	539.6	18.2	590.0	79.1	527.8	12.0
4SP700-48	210	26278	1.5	0.69664	4.7	0.08578	3.1	0.65	530.5	15.6	536.8	19.5	563.3	77.1	530.5	15.6
4SP700-83	128	12694	1.5	0.66433	4.1	0.08592	2.5	0.61	531.4	12.8	517.3	16.7	455.3	72.4	531.4	12.8
4SP700-22	591	29472	1.5	0.69739	1.6	0.08635	1.2	0.73	533.9	6.1	537.2	6.8	551.2	24.1	533.9	6.1
4SP700-52	198	6577	1.1	0.71048	6.7	0.08642	2.5	0.37	534.3	12.7	545.0	28.4	590.0	135.9	534.3	12.7
4SP700-38	251	18191	1.9	0.72096	2.4	0.08705	1.7	0.72	538.1	8.9	551.2	10.2	605.9	35.9	538.1	8.9
4SP700-79	387	8666	1.2	0.72834	6.0	0.08764	4.5	0.75	541.6	23.6	555.6	25.8	613.4	85.8	541.6	23.6
4SP700-84	265	10155	2.4	0.69596	4.4	0.08815	2.5	0.56	544.6	13.0	536.4	18.3	501.6	79.9	544.6	13.0
4SP700-10	89	6963	0.7	0.72410	5.1	0.08823	3.0	0.58	545.1	15.6	553.1	21.9	586.2	90.9	545.1	15.6
4SP700-99	92	8003	1.5	0.72487	7.1	0.08934	1.5	0.21	551.6	7.9	553.5	30.2	561.5	150.8	551.6	7.9
4SP700-93	77	5241	1.5	0.77496	7.1	0.08948	2.9	0.41	552.4	15.5	582.6	31.6	702.0	138.6	552.4	15.5
4SP700-42	213	2265	1.4	0.72589	8.5	0.08977	4.9	0.58	554.2	26.0	554.1	36.1	554.1	150.4	554.2	26.0
4SP700-8	70	5274	0.2	0.71782	8.2	0.09013	7.2	0.89	556.3	38.6	549.4	34.7	520.7	82.9	556.3	38.6
4SP700-17	154	9645	2.0	0.70825	2.0	0.09111	1.0	0.54	562.1	5.6	543.7	8.2	467.2	36.4	562.1	5.6
4SP700-46	76	2777	1.6	0.73194	7.0	0.09124	3.4	0.48	562.9	18.1	557.7	30.0	536.5	134.1	562.9	18.1
4SP700-91	215	2789	1.1	0.77422	8.6	0.09277	6.2	0.72	571.9	33.8	582.2	38.2	622.6	129.9	571.9	33.8
4SP700-63	168	3713	1.8	0.81295	6.8	0.09358	3.8	0.56	576.7	21.1	604.1	30.9	708.4	119.3	576.7	21.1
4SP700-23	91	6726	1.1	0.76833	5.7	0.09383	1.5	0.26	578.1	8.1	578.8	25.2	581.4	119.9	578.1	8.1
4SP700-50	179	2118	1.4	0.72000	9.1	0.09442	7.0	0.76	581.6	38.7	550.7	38.8	424.6	131.8	581.6	38.7
4SP700-18	282	21450	0.9	0.82372	1.6	0.09769	1.3	0.78	600.9	7.3	610.1	7.4	644.5	21.5	600.9	7.3
4SP700-45	210	14380	1.2	0.84763	2.6	0.09900	1.3	0.50	608.5	7.7	623.3	12.3	677.5	49.1	608.5	7.7
4SP700-15	444	27008	0.6	0.83125	2.8	0.09907	2.5	0.90	608.9	14.5	614.3	12.8	634.1	26.1	608.9	14.5
4SP700-58	369	17179	0.7	0.82743	3.3	0.09916	3.1	0.92	609.5	17.8	612.2	15.3	622.1	27.9	609.5	17.8
4SP700-49	536	19290	2.5	0.86774	2.3	0.10016	1.5	0.67	615.4	9.0	634.3	10.9	702.6	36.8	615.4	9.0
4SP700-2	287	21785	0.6	0.84306	1.7	0.10055	1.1	0.67	617.6	6.6	620.8	7.7	632.5	26.5	617.6	6.6

4SP700-40	132	7401	0.5	0.87741	3.5	0.10063	1.6	0.45	618.1	9.3	639.6	16.5	716.2	65.8	618.1	9.3
4SP700-1	160	2701	0.6	0.86967	5.5	0.10138	3.1	0.57	622.5	18.5	635.4	25.8	681.5	96.0	622.5	18.5
4SP700-21	285	1746	5.5	0.84655	4.9	0.10151	2.8	0.58	623.3	16.9	622.8	23.0	620.9	87.3	623.3	16.9
4SP700-44	82	4963	0.7	0.88551	5.5	0.10193	2.9	0.53	625.7	17.3	644.0	26.3	708.5	99.6	625.7	17.3
4SP700-89	241	3624	1.4	0.87166	9.4	0.10229	8.2	0.86	627.8	48.8	636.5	44.7	667.4	101.8	627.8	48.8
4SP700-35	261	19209	2.3	0.84274	7.0	0.10477	6.9	0.99	642.3	42.1	620.7	32.4	542.4	25.3	642.3	42.1
4SP700-4	198	18248	0.8	0.91005	3.3	0.10503	2.7	0.82	643.8	16.7	657.1	16.0	702.8	40.1	643.8	16.7
4SP700-7	920	41849	1.7	0.90958	2.4	0.10593	2.2	0.91	649.1	13.4	656.8	11.6	683.5	21.5	649.1	13.4
4SP700-28	176	15727	2.1	0.89689	1.8	0.10663	1.0	0.55	653.1	6.2	650.1	8.7	639.4	32.4	653.1	6.2
4SP700-47	408	2365	5.5	1.11751	6.5	0.11276	1.8	0.27	688.8	11.6	761.8	34.8	982.4	127.2	688.8	11.6
4SP700-51	149	19215	3.2	0.95003	6.4	0.11453	5.8	0.92	699.0	38.7	678.1	31.5	609.4	54.3	699.0	38.7
4SP700-97	120	14690	0.9	1.17370	3.6	0.12694	2.1	0.59	770.4	15.5	788.4	19.7	839.6	60.3	770.4	15.5
4SP700-82	252	12202	3.7	1.16902	2.5	0.12899	2.0	0.80	782.1	15.1	786.2	13.9	797.8	31.7	782.1	15.1
4SP700-67	241	12970	1.1	1.27476	3.3	0.13925	2.9	0.87	840.4	22.9	834.5	18.9	818.8	33.7	840.4	22.9
4SP700-36	274	12937	1.2	1.38184	5.1	0.14136	2.3	0.45	852.3	18.1	881.2	30.0	954.5	93.1	852.3	18.1
4SP700-70	560	20820	2.0	1.43207	2.5	0.14687	2.3	0.92	883.4	19.2	902.4	15.2	949.3	20.9	883.4	19.2
4SP700-20	368	36057	6.3	1.55756	5.8	0.15526	5.7	0.98	930.4	49.0	953.5	35.6	1007.2	21.6	1007.2	21.6
4SP700-3	449	50557	3.4	1.61789	1.4	0.16106	1.0	0.71	962.6	8.9	977.2	8.9	1010.0	20.3	1010.0	20.3
4SP700-5	64	8802	77.7	1.60836	8.5	0.15914	7.5	0.88	952.0	66.4	973.5	53.2	1022.2	80.5	1022.2	80.5
4SP700-55	284	26530	1.5	1.74311	2.2	0.17211	2.0	0.89	1023.7	18.6	1024.6	14.2	1026.5	20.3	1026.5	20.3
4SP700-72	140	9020	1.4	1.80042	4.2	0.17647	4.0	0.95	1047.6	38.3	1045.6	27.3	1041.3	27.3	1041.3	27.3
4SP700-98	431	53981	2.5	1.85111	2.0	0.18133	1.7	0.86	1074.3	16.9	1063.8	13.1	1042.5	20.2	1042.5	20.2
4SP700-96	95	12646	2.0	1.80928	3.5	0.17684	1.7	0.49	1049.7	16.5	1048.8	22.9	1047.0	61.8	1047.0	61.8
4SP700-39	136	14505	2.3	1.83678	3.7	0.17836	3.3	0.88	1058.0	31.9	1058.7	24.4	1060.2	35.4	1060.2	35.4
4SP700-31	550	71921	2.3	1.79008	1.4	0.17380	1.0	0.71	1033.0	9.5	1041.9	9.2	1060.4	20.1	1060.4	20.1
4SP700-9	205	32407	3.4	1.85539	1.8	0.17753	1.3	0.71	1053.5	12.6	1065.3	12.0	1089.8	25.7	1089.8	25.7
4SP700-43	155	11199	1.6	1.75966	1.4	0.16740	1.0	0.69	997.8	9.2	1030.7	9.3	1101.3	20.8	1101.3	20.8
4SP700-57	84	8122	1.7	1.95865	3.5	0.18493	2.1	0.59	1093.8	21.1	1101.4	23.7	1116.4	56.5	1116.4	56.5
4SP700-81	95	2740	0.5	1.80358	3.5	0.16883	2.1	0.60	1005.7	19.5	1046.8	23.0	1133.5	56.3	1133.5	56.3
4SP700-90	76	9724	1.2	2.01876	3.7	0.18649	3.2	0.87	1102.3	32.4	1121.8	24.9	1159.8	35.6	1159.8	35.6
4SP700-41	112	14915	0.9	2.01089	2.1	0.18574	1.2	0.58	1098.2	12.3	1119.2	14.1	1160.1	33.4	1160.1	33.4
4SP700-19	258	39421	1.5	2.21315	2.2	0.20400	1.9	0.89	1196.8	21.2	1185.2	15.3	1164.2	19.8	1164.2	19.8
4SP700-16	145	20449	3.3	2.17646	1.6	0.19976	1.1	0.72	1174.0	12.0	1173.5	10.9	1172.6	21.5	1172.6	21.5
4SP700-73	410	4654	3.2	2.01094	3.2	0.18349	1.9	0.60	1086.0	19.3	1119.2	21.7	1184.3	50.3	1184.3	50.3
4SP700-100	334	35455	2.1	2.26910	3.8	0.20243	3.7	0.96	1188.4	40.0	1202.7	26.9	1228.6	19.7	1228.6	19.7
4SP700-33	71	4062	1.5	2.22535	2.9	0.19119	1.6	0.53	1127.8	16.1	1189.1	20.7	1302.2	48.6	1302.2	48.6
4SP700-6	55	8397	1.0	2.34728	4.6	0.19994	2.9	0.63	1175.0	30.7	1226.7	32.6	1318.8	69.1	1318.8	69.1
4SP700-56	426	13215	2.4	2.41913	7.0	0.20042	6.9	0.97	1177.6	73.8	1248.3	50.7	1372.4	31.7	1372.4	31.7
4SP700-101	540	82154	1.6	2.93735	1.6	0.24111	1.2	0.76	1392.5	14.9	1391.6	11.8	1390.2	19.2	1390.2	19.2
4SP700-12	179	38941	1.0	4.37571	1.4	0.30096	1.0	0.71	1696.1	14.9	1707.8	11.7	1722.1	18.4	1722.1	18.4
4SP700-34	187	35640	2.1	5.11574	1.4	0.32551	1.0	0.71	1816.6	15.8	1838.7	12.0	1863.8	18.1	1863.8	18.1
4SP700-94	654	96752	5.5	4.37234	4.7	0.26173	4.5	0.96	1498.7	60.3	1707.1	38.8	1973.4	23.0	1973.4	23.0
4SP700-53	462	8104	4.1	5.94097	3.0	0.33315	1.9	0.65	1853.6	31.4	1967.2	25.9	2089.0	39.6	2089.0	39.6
4SP700-92	60	25569	1.2	7.78831	3.8	0.41603	3.6	0.96	2242.5	68.8	2206.9	33.9	2173.9	17.6	2173.9	17.6
4SP700-27	71	21455	0.6	7.59505	1.6	0.39968	1.2	0.76	2167.6	21.9	2184.3	13.9	2200.0	17.4	2200.0	17.4

4SP700-74	406	13489	2.8	10.49443	2.1	0.44332	1.8	0.87	2365.5	35.7	2479.4	19.1	2574.1	16.9	2574.1	16.9