

gene__type__region	R2.L	R3.L	R7.L.T	R2.C	R3.C.T	R7.C.T	R4.C	R8.T	R10.T	A.VS.B	log A.VS.C	log B.VS.C	log A.VS.B	pv:A.VS.C	pv:B.VS.C	pvalue
7SK__lincRNA	1.53006	0.971798	0.258553	11.5012	4.33054	267.514	1.30591	1.69724	0.247013	-6.68154	-0.23563	6.445908	0.394322	0.627641	0.395406	
A2ML1-AS1__antise	2.1203	3.18583	1.52906	0.106344	7.26076	8.78339	0.157001	3.84176	0.361575	-1.24052	0.648542	1.889067	0.371761	0.398758	0.251109	
A2MP1__pseudogen	0	0	0.743274	0	89.7731	116.861	0	0	0	-8.11897	#DIV/0!	#DIV/0!	0.190106	0.42265	0.19043	
AATK-AS1__antisen	0	0	1.00642	0.206717	3.76798	11.245	1.116	0	0	-3.91864	-0.1491	3.769531	0.247971	0.957901	0.315406	
ABC7-42389800N19	4.8822	3.33095	22.1938	2.83774	9.04199	8.83533	20.8697	3.37455	4.41586	0.553721	0.085357	-0.46836	0.618599	0.957818	0.763692	
ABCA11P__pseudoc	19.9985	4.46912	16.7822	31.3395	47.2806	17.687	11.2444	6.29043	5.88001	-1.22325	0.816965	2.040219	0.282411	0.269713	0.107495	
ABCA17P__pseudoc	0.185338	0.700145	0.996312	0.224039	285.253	38.3867	0.933514	0.716436	4.55538	-7.42713	-1.7214	5.705735	0.352275	0.313647	0.359953	
ABCC13__pseudoge	0.167155	0.024572	0.293327	0.21533	122.616	9.77181	0.071567	2.40287	0.336729	-8.09475	-2.53495	5.559803	0.379635	0.435868	0.378557	
ABCC6P1__pseudoc	2.05604	1.618	0.872716	1.63038	3.83577	37.9507	1.49325	1.36427	0.695371	-3.25535	0.355844	3.61119	0.395864	0.10665	0.383583	
ABCC6P2__pseudoc	1.17817	0.459075	0.242803	0.835908	0.365338	0.148134	1.08734	0.988381	0.382623	0.478473	-0.38692	-0.86539	0.165802	0.398357	0.100262	
ABHD17AP6__pseu	0.593563	0.25156	0.390578	0.549938	0.184863	30.7991	0.059263	0.458817	0.185521	-4.6735	0.8125	5.486002	0.424746	0.495281	0.41866	
AC000036.4__antise	0	0.034992	0.059408	9.04686	0.729343	2.10271	0.116355	0	0.016151	-6.97539	-0.48918	6.486204	0.268464	0.829423	0.262847	
AC000067.1__lincRN	0	0	0	0	1.9993	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265	
AC000068.5__antise	0	0	0	1.1143	0	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265	
AC002055.4__pseud	4.71687	1.48416	3.34662	3.71111	3.96951	12.6556	1.81189	3.20198	2.0894	-1.09083	0.426662	1.517496	0.357022	0.60814	0.290152	
AC002056.3__pseud	3.12601	3.20035	5.92611	2.32152	1.66241	2.55111	1.6796	1.8487	3.01785	0.906805	0.904354	-0.00245	0.130214	0.063544	0.992132	
AC002116.7__antise	0.465092	0.9561	1.472	6.64024	19.7881	48.3233	1.98812	0.397548	0.669546	-4.69137	-0.07861	4.61276	0.184451	0.948314	0.198687	
AC002116.8__proce	1.30705	0.909296	1.94234	9.94345	5.25415	9.39286	2.47421	0.875833	1.41312	-2.5639	-0.19579	2.368107	0.03353	0.727767	0.027777	
AC002117.1__antise	3.18302	2.61736	3.4965	3.42004	3.71129	43.0083	1.59793	3.08279	4.08074	-2.43113	0.085575	2.516708	0.403441	0.823587	0.387055	
AC002310.12__antis	0.598259	0.246423	0.450942	0.263684	0.786725	32.271	0.584757	0.496817	1.84189	-4.68473	-1.17403	3.510699	0.419033	0.335041	0.423299	
AC002310.7__antise	2.27344	1.73321	0.905125	2.08552	2.74822	8.03076	1.44425	2.11699	2.07114	-1.38908	-0.1975	1.191579	0.362292	0.719149	0.307226	
AC002398.11__antis	15.563	10.4312	9.69734	7.3774	3.49704	5.25668	11.5626	15.3986	16.4748	1.145736	-0.28331	-1.42904	0.027336	0.519558	0.066208	
AC002398.5__lincRN	0	0	0.892667	0.238405	2.297	579.152	0.581956	0.075438	0	-9.34791	0.441365	9.789271	0.420123	0.872847	0.420782	
AC002472.11__antis	0.07807	0.138093	0.265882	0.138339	0.831915	0.80613	0.127604	0.611678	0.325912	-1.8817	-1.14388	0.737827	0.152172	0.29849	0.222957	
AC002511.1__lincRN	0.008815	0.051967	1.11615	7.17406	31.1756	14.4018	2.16442	0.038578	0.067259	-5.48611	-0.94782	4.538284	0.139179	0.736689	0.158678	
AC002511.3__lincRN	0	0	0.586598	0	4.92559	2.54791	0.509662	2.57458	0	-3.67134	-2.39447	1.276868	0.250025	0.463795	0.276811	
AC002539.1__antise	0.236275	0.008706	1.2959	0	14.1716	77.3173	0.15135	1.57114	0.134424	-5.89177	-0.26915	5.622618	0.328441	0.906368	0.338288	
AC003051.1__lincRN	0.368593	0.131793	3.17523	0.164063	134.877	899.74	1.92652	0.054148	1.49001	-8.13712	0.082768	8.219892	0.343385	0.948474	0.344469	
AC003102.3__antise	0.264779	0.582826	0.628345	0.25986	4.54465	10.0686	0.397685	0.197505	0.180397	-3.33299	0.928283	4.261274	0.244488	0.332346	0.246541	
AC003665.1__antise	9.61086	4.46292	3.13595	2.75211	44.8246	36.9843	2.63091	5.06505	16.6347	-2.29677	-0.49955	1.797217	0.267984	0.729673	0.221445	
AC003958.2__antise	0.096955	0	0.110931	0.220827	3.31183	131.998	0.703703	23.5574	0.289467	-9.34861	-6.88382	2.464791	0.407797	0.403619	0.519164	
AC003973.4__lincRN	0	0	0.046934	0.186446	1.06103	9.70147	0.206618	0	0.076471	-7.86593	-2.59254	5.273395	0.352071	0.346758	0.364068	
AC004019.18__lincR	0.404658	0.022725	0.038562	0.153337	9.99438	1.60179	0.509539	0.063122	1.21328	-4.65629	-1.93845	2.717844	0.354774	0.354198	0.421586	
AC004051.2__lincRN	0	0.036445	0.12374	0	2.68864	25.4267	0.189026	0	0.100912	-7.45548	-0.85601	6.599469	0.365609	0.613564	0.369228	

AC004053.1__antise	1.55318	6.55792	0.856176	7.22497	17.7302	79.6174	0.374113	1.37457	0.882206	-3.54369	1.769119	5.31281	0.307879	0.311807	0.270747
AC004066.3__antise	1.02903	24.354	2.13123	5.71618	38.0434	10.749	3.55181	8.65786	2.62086	-0.9863	0.891609	1.877913	0.074595	0.539585	0.250528
AC004069.2__lincRN	2.36853	0.859025	0.49183	0.98345	2.72391	7.35041	0.368813	0.602056	0.6879	-1.57192	1.164951	2.736876	0.414909	0.41269	0.226903
AC004125.3__lincRN	0	0	0	0	9.45354	4.4985	0	0	0.756072	#NUM!	#NUM!	4.205809	0.230586	0.42265	0.250671
AC004158.2__lincRN	1.32775	67.2316	3.54985	8.30759	22.4113	579.152	25.6708	22.9064	8.56126	-3.08025	0.335721	3.41597	0.462272	0.829914	0.440979
AC004158.3__lincRN	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AC004231.2__antise	32.1218	50.1039	3.35768	5.00996	10.7673	7.6922	24.0743	21.978	85.7439	1.866546	-0.62291	-2.48945	0.252433	0.694817	0.229056
AC004449.6__lincRN	0	0	0	0	0.199982	0	0.371999	0	0.309483	#NUM!	#NUM!	-1.76881	0.42265	0.186917	0.46907
AC004490.1__antise	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AC004528.4__antise	0	0	0.696754	0.809492	0.836625	5.55888	0.054567	0.060882	0	-3.37028	2.593394	5.96367	0.248425	0.521596	0.277248
AC004603.4__lincRN	0.016149	0.057134	0.145477	0.085761	0.513619	446.696	0.609995	0	0	-10.9977	-1.47945	9.518215	0.42197	0.632159	0.422664
AC004702.2__lincRN	1.69353	1.74417	2.2936	11.3518	60.4742	60.7793	3.78884	3.84035	1.68078	-4.53213	-0.69991	3.832218	0.122168	0.31732	0.134032
AC004832.1__pseud	0	0	0.24997	0	1.34608	0.519085	0.390042	0	0	-2.89948	-0.64187	2.257602	0.320666	0.825435	0.430133
AC005042.4__antise	0	0.778356	0.163723	3.82227	152.22	30.9897	16.4439	0.04457	0.574236	-7.63322	-4.17885	3.454367	0.305026	0.434738	0.369729
AC005152.2__proce	17.7964	44.5644	62.7551	17.7812	92.2688	28.3183	9.2975	16.68	23.948	-0.14525	1.325416	1.470665	0.869955	0.105591	0.329791
AC005152.3__lincRN	0	0.109363	0	0.204458	0.275263	2.41697	0.163933	0.438903	0	-4.72721	-2.46264	2.264568	0.338097	0.22593	0.453387
AC005176.2__pseud	0	0.019519	0.231921	0.065913	0.194435	0.797031	0.348801	0	0.108062	-2.07221	-0.86155	1.210659	0.21826	0.680022	0.549581
AC005220.3__antise	0.057905	0.136673	0	0	1.87435	0	0.220801	0	0	-3.26797	-0.1824	3.085572	0.442199	0.9288	0.49416
AC005235.1__lincRN	1.54204	0	0.105557	0.062292	14.2549	5.53811	0.160858	0.165517	0.41136	-3.59109	1.159189	4.750278	0.314119	0.631176	0.263844
AC005255.3__pseud	26.6001	0	0	4.03373	0	0	0	0	13.4069	2.721245	0.988456	-1.73279	0.42265	0.744288	0.613473
AC005280.1__pseud	2.97545	1.86085	3.38383	1.6575	2.06885	0	2.51749	2.52975	0	1.141398	0.703667	-0.43773	0.286717	0.473537	0.218399
AC005301.8__lincRN	0	0	0.031351	0	10.3129	1.78274	0.245132	0	0.034018	-8.59176	-3.15446	5.437301	0.334135	0.416402	0.347963
AC005307.1__lincRN	0	0	0	0	0.375948	2.19368	0.03835	0	0.063874	#NUM!	#NUM!	4.651759	0.333423	0.207824	0.34142
AC005307.3__lincRN	0	0.033327	1.31647	0.200565	29.883	167.196	0.181209	0.061841	0.082146	-7.19136	2.053359	9.244715	0.328839	0.525954	0.330138
AC005324.6__antise	0	0	8.10317	0.803001	3.60146	1.88712	0.299263	0	0.123305	0.365064	4.261231	3.896167	0.855311	0.444692	0.16162
AC005329.7__antise	10.6602	0.216181	0.7022	0.406375	4.10157	0.770453	0.149212	0.319277	0.333703	1.133286	3.851367	2.718081	0.668285	0.408464	0.32278
AC005358.3__antise	0	0	4.22885	0.073919	2.37507	17.0123	0.027319	0	0	-2.20227	7.274201	9.476471	0.32363	0.426392	0.346802
AC005484.5__proce	13.4294	4.70581	2.66045	2.66828	23.1569	19.7429	1.30041	4.86877	2.96188	-1.13174	1.187428	2.319169	0.477073	0.444977	0.153722
AC005523.3__lincRN	4.01764	1.7175	3.53826	1.96945	2.10181	7.90505	0.778068	3.9895	3.56333	-0.36901	0.154626	0.52364	0.677481	0.862481	0.568884
AC005562.1__proce	3.10377	4.42578	0.86947	12.3296	23.2861	158.398	19.0656	2.10621	0.561114	-4.52979	-1.37159	3.158204	0.325676	0.522804	0.375972
AC005606.14__lincR	2.20058	1.46828	1.08627	0.920972	1.45061	3.98015	0.701328	3.46426	2.73256	-0.41767	-0.53672	-0.11906	0.70868	0.58624	0.867391
AC005614.5__proce	1.04386	4.97805	5.01157	1.99545	14.2549	79.1978	5.59438	0	0	-3.11283	0.979838	4.092667	0.348177	0.626275	0.355971
AC005616.1__lincRN	0	0	0	0.394256	6.15236	21.4508	0.568608	0	0.026954	#NUM!	#NUM!	5.554898	0.275764	0.395959	0.290257
AC005703.3__lincRN	0	0	0.034309	0.159241	0.128107	0	0.083973	0.037448	0.018649	-3.06614	-2.02948	1.036656	0.29504	0.345323	0.287241
AC005772.2__lincRN	0	0	0.134384	0.118048	2.0354	7.65906	0	0	0	-6.19019	#DIV/0!	#DIV/0!	0.283264	0.42265	0.285212

AC005775.2__antise	0.921028	1.56355	1.95658	2.32295	2.24993	4.16703	3.14825	0.941079	0.76897	-0.97668	-0.12952	0.847167	0.082831	0.90736	0.399789
AC005785.2__proce	0	0	0	1.04553	0	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC005786.7__antise	0	0	0	8.14485	4.11038	8.13811	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.036922	#DIV/0!	0.036922
AC005822.1__pseud	13.9569	29.4429	22.8209	26.4071	4.76607	10.5982	14.6741	27.4288	23.2241	0.664768	0.019603	-0.64516	0.532923	0.762842	0.522349
AC005863.2__lincR	0	0	1.01804	0	136.332	17.5893	0	0	0	-7.24025	#DIV/0!	#DIV/0!	0.357203	0.42265	0.353519
AC006076.1__lincR	0	0	0	0	8.73296	5.22329	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.208158	#DIV/0!	0.208158
AC006115.3__antise	1.09346	0.352373	2.32258	0.228572	23.6403	27.7382	1.12868	0.215406	0.181699	-3.77554	1.304405	5.079945	0.199019	0.396526	0.200788
AC006116.17__antis	0.693959	1.32665	0.901341	0.10533	1.41808	6.5313	1.04297	1.29553	1.0091	-1.4629	-0.1962	1.266705	0.476559	0.329637	0.514928
AC006129.2__lincR	0.694565	0.054837	0.209275	0.459761	1.93517	8.24658	1.44409	1.60275	0.151548	-3.47251	-1.73823	1.734286	0.323006	0.248549	0.473464
AC006160.5__antise	10.2369	8.39493	3.57596	6.37212	8.62897	15.4139	5.63455	7.95517	2.80554	-0.45372	0.437787	0.891504	0.619557	0.284015	0.360027
AC006196.1__lincR	0	0	0.041308	0	1.61149	0	0.050592	0.022558	0.06742	-5.28585	-1.76681	3.519039	0.437634	0.064178	0.46628
AC006227.1__lincR	0	0	1.91434	0	29.1989	6.00192	1.00484	0	0	-4.20069	0.929881	5.130571	0.348182	0.757127	0.338066
AC006262.10__antis	0	0	1.51574	0.058745	5.8575	2.61394	0.130511	0.388216	0.144868	-2.49255	1.191647	3.684202	0.320488	0.656133	0.24319
AC006262.5__lincR	0.149814	0	0	0.192665	1.19455	4.34115	2.2116	0.027455	0.087288	-5.25688	-3.95682	1.30006	0.284702	0.391118	0.595114
AC006296.1__lincR	0	0	0	0	4.94674	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC006296.2__lincR	0	0	0	0	2.1409	2.56762	0.787619	0	0	#NUM!	#NUM!	2.579704	0.186836	0.42265	0.340903
AC006369.2__antise	5.76342	3.86137	3.38334	3.15954	4.89424	41.3011	1.29023	6.77724	5.59681	-1.92378	-0.071	1.852783	0.448075	0.934461	0.424458
AC006369.3__lincR	0	0	0	0	4.65352	2.80671	0.641224	0.124541	0.247296	#NUM!	#NUM!	2.880499	0.207428	0.162588	0.289847
AC006445.8__lincR	0.034794	0.041032	0.104464	0.138521	1.1629	0.299257	0.170447	0.114017	0.05678	-3.15029	-0.92048	2.229808	0.282767	0.423719	0.324864
AC006538.1__sense	0.058129	0.045703	0.271432	0	1.1559	3.19433	0.189761	0.084628	0.189636	-3.53511	-0.3063	3.228819	0.266128	0.679291	0.297876
AC006552.1__lincR	0.026953	0	0.067461	0.017907	1.18544	0.025804	0.02643	0	0	-3.70253	1.836843	5.539369	0.447701	0.41819	0.414387
AC006994.2__antise	3.20768	0	0.107174	0	2.51265	6.27094	0.069993	0	0	-1.40587	5.565583	6.971448	0.572682	0.403277	0.255354
AC007040.5__lincR	0	0	0.60331	0	0	0	0	0	0.129416	#DIV/0!	2.220884	#NUM!	0.42265	0.42265	0.42265
AC007040.6__antise	5.26777	3.23849	5.12886	3.86286	8.82401	14.0192	3.14675	5.46527	6.17691	-0.96984	-0.11719	0.85265	0.287589	0.794964	0.196339
AC007040.8__antise	0.077268	0	0.465934	0.204519	27.9071	34.3314	1.09277	0.056176	0	-6.84491	-1.08075	5.764158	0.185605	0.687382	0.199664
AC007092.1__lincR	0	0.017875	2.49356	19.9059	11.4052	95.6924	3.57415	0.024887	0.072994	-5.66021	-0.54807	5.112146	0.251132	0.844772	0.270954
AC007099.1__antise	3.80492	0.481753	3.63118	5.25563	6.70575	79.6536	0.642725	0.413308	0.221572	-3.5324	2.631667	6.16407	0.366599	0.175673	0.346529
AC007099.2__antise	0	0	1.00464	0	0	0	0.276897	0	0	#DIV/0!	1.859257	#NUM!	0.42265	0.596812	0.42265
AC007106.1__lincR	0	0	0	0	2.41206	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC007131.1__lincR	0.014758	0	0.073869	0.117614	2.43892	34.3314	0.086807	0	0.080329	-8.70119	-0.9152	7.785988	0.381381	0.373397	0.382583
AC007131.2__lincR	0	4.0834	0.634849	7.68972	91.5996	1158.3	0.411079	0.975549	20.059	-8.05819	-2.18436	5.873833	0.37696	0.509158	0.374981
AC007163.3__lincR	0	0.069103	0.299196	0	18.6658	3.29436	0.278408	0.016011	0.127585	-5.89787	-0.19638	5.701488	0.338191	0.906419	0.342714
AC007163.6__antise	0	29.3844	32.7681	11.4707	43.9205	9.53611	21.1377	27.0906	26.67	-0.06301	-0.26912	-0.20611	0.946075	0.667309	0.777641
AC007179.1__lincR	0	0	0	0	6.22871	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC007182.6__antise	0	0	0	0	2.69989	1.93288	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.194469	#DIV/0!	0.194469

AC007193.6__lincRN	1.78909	0.741878	4.06967	1.47531	31.1756	86.9931	2.21988	0.101707	0.713656	-4.18	1.120793	5.300792	0.261136	0.402226	0.265883
AC007228.11__antis	0.969837	3.66097	1.0349	0.33648	0.827697	17.7253	1.13864	1.7702	0.409407	-1.73725	0.771835	2.50909	0.549334	0.321901	0.482142
AC007228.5__lincRN	15.2672	9.75863	8.78234	7.84981	4.96	6.02817	2.51492	6.79292	7.35268	0.843728	1.020938	0.177211	0.065985	0.2483	0.783039
AC007238.1__pseud	22.8657	16.0006	9.23991	10.5361	10.7207	6.81513	12.1404	13.2093	20.8185	0.777095	0.059324	-0.71777	0.15137	0.930189	0.270041
AC007246.3__antise	12.5575	59.5484	9.53305	25.8061	929.497	183.916	132.244	17.8591	111.204	-3.80264	-1.67842	2.124227	0.311893	0.361575	0.449485
AC007250.4__lincRN	0	0	0	0	1.68133	0.068093	1.07146	0	0	#NUM!	#NUM!	0.707301	0.399759	0.42265	0.803786
AC007308.6__antise	0	0	0.223077	0	0.728187	13.4916	0.08498	0	0.242662	-5.99421	-0.55458	5.439637	0.391879	0.307737	0.395545
AC007319.1__antise	82.4912	8.23628	96.5235	14.2207	20.317	989.714	101.372	5.33948	122.57	-2.45153	-0.29215	2.159379	0.460593	0.248723	0.473434
AC007364.1__lincRN	1.86792	2.83407	2.11391	25.6584	23.8734	95.9374	0.236879	0	0.107998	-4.41567	4.30475	8.720416	0.191831	0.026091	0.178374
AC007365.1__lincRN	0	0	1.09786	0	4.11478	2.81941	0.754682	0	0	-2.65903	0.540753	3.199787	0.24455	0.851277	0.292789
AC007381.3__lincRN	0.030008	0.106162	0.075097	0	13.7645	0.258378	0.117664	0.016397	0.032665	-6.05257	0.341594	6.394163	0.416225	0.805836	0.418212
AC007392.3__lincRN	0.123883	0.014608	1.26031	5.63422	12.7842	31.5457	1.03124	1.91363	0.134932	-5.15863	-1.13865	4.019983	0.158642	0.593351	0.193324
AC007403.2__lincRN	0	0	0	0	12.2355	47.5782	1.81273	0	0	#NUM!	#NUM!	5.04424	0.297047	0.42265	0.318815
AC007405.4__lincRN	1.00441	1.76471	1.05689	2.05291	91.5996	167.196	0.847736	7.10146	0.845941	-6.09123	-1.20087	4.890362	0.214336	0.463071	0.220068
AC007461.2__lincRN	0	0	0	0	0	0	1.05535	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
AC007464.1__lincRN	11.4702	0.344553	1.85855	704.394	48.6409	471.812	8.99548	1.19922	2.73065	-6.4851	0.081158	6.566254	0.166193	0.843515	0.167178
AC007557.4__antise	0	0	0.182986	0	1.70659	0	0	0	0	-3.22131	#DIV/0!	#DIV/0!	0.487493	0.42265	0.42265
AC007563.1__antise	0	0	0.074806	0	0.079987	0.062684	0.064141	0	0.020352	-0.93146	-0.17567	0.755791	0.515678	0.933531	0.697186
AC007563.3__lincRN	0	0	5.96963	0	2.42111	3.46904	0	0	0	0.019337	#DIV/0!	#DIV/0!	0.986816	0.42265	0.196127
AC007563.5__antise	24.2075	10.6231	7.72899	21.044	60.4742	67.6526	1.57854	35.8055	40.3739	-1.80941	-0.86951	0.939903	0.211	0.567907	0.00918
AC007679.3__antise	0.818566	0.493552	1.28844	0	0.259634	2.20092	0	0.135566	0	0.079838	4.261754	4.181916	0.935229	0.092307	0.391071
AC007682.1__lincRN	0.036402	0.036375	2.34287	1376.95	995.889	989.714	1.52192	0.132912	0.049666	-10.4429	0.503063	10.94599	0.0129	0.849825	0.012723
AC007740.1__antise	0.009781	0	0.107753	0.013012	1.37899	12.4737	1.21024	0	0	-6.8823	-3.36415	3.518156	0.36207	0.476577	0.420415
AC007743.1__antise	0.159433	0	0	0.832058	1.19972	6.41402	0.379179	0	0	-5.72721	-1.24993	4.477283	0.270693	0.42265	0.287984
AC007773.2__antise	0.150694	0.311111	0.863532	0.926769	3.54753	7.99202	2.50233	0.263623	0.203987	-3.2336	-1.16407	2.06953	0.182391	0.611307	0.3623
AC007796.1__antise	0.925179	12.9614	3.20756	3.83278	71.8827	640.316	0.993669	0.615415	0.730485	-5.38845	2.869187	8.257636	0.369318	0.323506	0.359723
AC007879.1__lincRN	0	0	0	0	21.4949	105.531	0.985821	0	6.8584	#NUM!	#NUM!	4.017349	0.319035	0.34638	0.31866
AC007879.4__lincRN	0	0.242807	0.477996	0	0.07178	1.94407	0.531596	0	0	-1.48371	0.439275	1.922986	0.493437	0.855314	0.575085
AC007879.5__antise	7.93707	8.45599	4.97283	9.85223	66.2681	1215.33	4.0613	6.2421	5.02143	-5.91754	0.479438	6.396977	0.39485	0.218641	0.392007
AC007880.1__lincRN	0	0	0.822009	0.16184	13.2695	34.6355	1.96765	0.04994	0	-5.86974	-1.29541	4.574337	0.249076	0.676391	0.2837
AC007966.1__antise	1.29261	59.5786	0	0	6.43972	0	0	0	1.19727	3.24069	5.66794	2.427249	0.408781	0.421979	0.537909
AC007970.1__antise	6.62292	11.0544	27.0361	4.89505	71.8827	87.1176	3.49722	9.8487	5.45399	-1.874	1.249982	3.123977	0.195351	0.314983	0.183223
AC008063.3__lincRN	0	0.277376	0	0	0.939536	0	0.456492	0	0.063327	-1.76011	-0.90617	0.85394	0.42265	0.739775	0.768439
AC008069.1__lincRN	0	0	0.529492	0	6.81829	15.6723	0	0	0	-5.40857	#DIV/0!	#DIV/0!	0.236514	0.42265	0.240257
AC008074.3__antise	6.18307	2.13666	4.85337	1.98861	10.1956	16.2644	1.39451	5.27746	3.95853	-1.11076	0.309385	1.420149	0.395358	0.746735	0.224512

AC008074.4__lincRN	0	0	0	0	1.90809	3.19012	0.508333	0	0	#NUM!	#NUM!	3.326145	0.208156	0.42265	0.293683
AC008079.9__antise	0.002714	0.113064	0.043882	0.679748	1.38396	0.197183	0.693986	0.033353	0.093712	-3.82382	-2.36247	1.461348	0.162262	0.452645	0.386337
AC008088.4__lincRN	0	0.165616	0.120157	0	0.403237	0.208663	0.182493	0.043617	0.282166	-1.09843	-0.83074	0.267683	0.257442	0.529142	0.854051
AC008268.1__lincRN	0	0	0.671157	0	0.289157	3.95323	0.11195	0.062419	0.031073	-2.66015	1.707922	4.368076	0.374208	0.588106	0.406984
AC008268.2__pseud	0	0.069324	1.33969	0.194878	2.8087	3.56412	0.173352	1.00549	0	-2.2207	0.257316	2.478017	0.157262	0.919144	0.221089
AC008278.2__antise	0.143478	0	0.857049	0	0	3.4458	0	0	0	-1.78408	#DIV/0!	#DIV/0!	0.455484	0.335247	0.42265
AC008278.3__antise	0	0.310756	0.485192	0	0.727272	1.77324	0.191473	0	0	-1.65148	2.055533	3.707011	0.273017	0.425202	0.307873
AC008592.4__antise	0.093571	0.261228	0.61667	0	6.32791	0.168724	1.27292	0.193245	0.492588	-2.74145	-1.0117	1.729757	0.475674	0.520116	0.582392
AC008592.5__proce	0.410412	0.072406	0.888379	0.062839	8.20314	13.4916	0.555039	0	0.064878	-3.98801	1.145288	5.133299	0.215451	0.483158	0.22476
AC008738.1__pseud	11.1831	2.82578	3.93089	2.04842	0.989093	21.9652	9.40365	4.33035	5.63162	-0.47892	-0.11034	0.368587	0.799114	0.714647	0.821395
AC008753.6__antise	4.44291	4.17263	4.15185	6.17931	6.55471	4.83086	1.68685	4.01014	3.81731	-0.46023	0.424294	0.884524	0.084344	0.324651	0.116616
AC008940.1__lincRN	0	0	0	0.057923	1.99672	6.42067	0.042892	0.047844	0	#NUM!	#NUM!	6.545438	0.2723	0.184717	0.278558
AC009110.1__lincRN	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AC009120.4__lincRN	0	0.080128	1.07061	2.41279	100.521	118.169	1.63916	0.103168	1.57004	-7.58601	-1.5253	6.06071	0.176958	0.271746	0.182871
AC009120.6__antise	36.6396	39.044	25.4145	12.2587	11.2282	28.0384	20.2088	29.861	27.0769	0.972403	0.39008	-0.58232	0.228161	0.26819	0.270614
AC009133.14__antis	0	0	0	1.60995	0	5.67939	1.31592	0	3.18877	#NUM!	#NUM!	0.69436	0.287077	0.246067	0.358942
AC009133.20__antis	18.0681	16.982	0	11.6006	6.86359	0.87238	4.98778	21.6065	0.665395	0.858087	0.36265	-0.49544	0.246521	0.676177	0.716919
AC009227.2__antise	0	0.014846	0.224568	0.083667	1.54952	3.3512	0.209905	0	0	-4.37984	0.189768	4.569608	0.213681	0.944641	0.253827
AC009227.3__lincRN	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AC009232.2__lincRN	0.027721	0.021791	0.138824	0.172137	0.069273	0.070907	0.098945	0	0.080573	-0.7297	0.069185	0.798888	0.570094	0.946154	0.242664
AC009236.1__proce	0.734898	0.050513	1.49498	31.8494	46.8079	73.1973	1.68022	0.283345	0.799996	-6.05727	-0.27725	5.780018	0.05186	0.766792	0.056088
AC009237.8__pseud	0.655122	0.147789	0.639514	0.235165	0.196042	4.55358	0.754092	1.4674	0.073511	-1.78904	-0.67	1.119036	0.480499	0.657998	0.668584
AC009299.2__antise	1.39758	0.949466	0.69684	1.44859	13.1014	14.7181	1.30675	0	0.769338	-3.26534	0.552047	3.817389	0.183994	0.415862	0.179647
AC009312.1__antise	0	0	0	0	5.79481	3.32733	1.29473	0.067456	0	#NUM!	#NUM!	2.743448	0.211828	0.393392	0.336174
AC009410.1__lincRN	0	5.5574	188.107	1.78241	152.22	32.8839	0.063773	0	0	0.051398	11.56832	11.51692	0.981676	0.406048	0.307426
AC009478.1__lincRN	0	0	0.843282	0	5.89327	217.355	0.97468	0	0	-8.04842	-0.20891	7.839505	0.407154	0.941139	0.409808
AC009492.1__lincRN	0	0.058799	0.605702	0.049709	35.3643	52.1068	0.146717	0	0.081463	-7.04121	1.542096	8.583307	0.196894	0.539932	0.198841
AC009495.4__lincRN	13.0412	21.4712	28.4284	15.1217	3.63872	56.3324	17.8426	18.7786	22.2174	-0.25468	0.097233	0.351912	0.788553	0.714629	0.749232
AC009498.1__lincRN	0	0.248926	0	0	0	46.0635	0	0	0	-7.53176	#DIV/0!	#DIV/0!	0.425778	0.42265	0.42265
AC009499.1__lincRN	0	0.145426	7.31436	1.31939	19.9212	455.045	120.843	0	106.09	-5.99655	-4.92699	1.06956	0.396039	0.188133	0.610271
AC009501.4__antise	0	0	0	0	0	30.5084	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC009502.4__lincRN	0	0	0	0	1.45311	34.6728	1.07243	0	0.818131	#NUM!	#NUM!	4.256148	0.398981	0.190791	0.416987
AC009505.4__lincRN	0	0	0	0	0	1.4905	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC009506.1__antise	0	0	0	0	0	1.5275	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC009948.5__antise	24.5394	14.8458	12.0597	5.70419	9.69533	28.6779	11.9413	13.5978	21.7853	0.222988	0.120444	-0.10254	0.834108	0.850981	0.814053

AC009950.2__antise	1.52388	2.19636	2.13396	1.42084	29.6113	786.388	0.952573	2.656	1.25355	-7.12546	0.267886	7.393348	0.402908	0.500094	0.402836
AC009955.8__antise	0	0	0	0	0	1.26062	0.205533	0	0	#NUM!	#NUM!	2.616692	0.42265	0.42265	0.523079
AC009965.2__lincRN	0	0	0.391565	0	5.99339	4.11632	0	0	0	-4.69035	#DIV/0!	#DIV/0!	0.204881	0.42265	0.197223
AC010096.1__lincRN	0.018734	0.004208	0.164264	0.003683	0.176475	3.59481	0.635291	0.007795	0.065665	-4.33377	-1.92065	2.413115	0.396956	0.517756	0.506773
AC010105.1__lincRN	0	0	0	0	1.1828	19.9191	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.389442	#DIV/0!	0.389442
AC010127.3__antise	7.74015	0.296683	0.823439	0.174222	121.856	637.067	0.74053	1.65953	0.273319	-6.42079	1.728687	8.149476	0.331349	0.500576	0.326087
AC010127.5__proce	0	0	0	0	3.19856	6.27662	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.223451	#DIV/0!	0.223451
AC010136.2__antise	0.301401	0	0.180237	0	2.27172	13.6092	0.692232	0.065298	0	-5.0432	-0.65335	4.389848	0.347374	0.634089	0.367479
AC010145.4__lincRN	0.322588	0.162136	2.29032	0.335749	1333.84	22.8765	0.989496	0.21412	0.255729	-8.93375	0.92719	9.86094	0.413802	0.645325	0.413224
AC010148.1__proce	0.215914	2.69656	1.26494	216.437	6.49381	12.5965	0.545566	0	2.39296	-5.81714	0.507517	6.324658	0.383194	0.756836	0.37897
AC010492.2__pseud	322.799	644.991	13.8012	162.215	5.27548	4.34109	3.40774	3.08276	9.71607	2.514127	5.920472	3.406344	0.291247	0.222631	0.434597
AC010524.2__antise	0.175799	0.116505	1.40509	2.68742	1.41575	59.6368	1.01882	0.071704	0.07138	-5.2308	0.546831	5.777636	0.38559	0.804132	0.393841
AC010729.2__lincRN	0	0	0.122102	0	93.2108	0.383094	0.085383	0	0.113771	-9.58218	-0.7058	8.876388	0.421035	0.481446	0.421513
AC010729.3__lincRN	0	0	0	0.267832	0	1.10216	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.302645	#DIV/0!	0.302645
AC010731.2__antise	0.111383	0.091938	0.055769	0.074059	0.0596	0.021349	0.021855	0.133995	0.04854	0.741108	0.342128	-0.39898	0.001733	0.681573	0.699457
AC010731.3__antise	0	0	1.28353	0	0	3.86677	0	0	0	-1.59101	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
AC010731.4__lincRN	0	0	0	0	0	15.7105	0.133073	0	0.098504	#NUM!	#NUM!	6.084096	0.42265	0.192452	0.427592
AC010733.4__lincRN	7.02194	6.50432	8.16511	3.28685	23.9429	58.0879	3.61737	5.89388	4.36062	-1.97572	0.644959	2.620682	0.307059	0.121979	0.272229
AC010744.1__lincRN	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AC010745.2__lincRN	0	0.094774	0.441206	0.158723	0.552579	1.28591	0.195807	0	0.21736	-1.89774	0.375454	2.273191	0.133667	0.772837	0.24012
AC010745.4__lincRN	0	0	0.140217	0	1.7478	0	0.091197	0	0	-3.63981	0.620609	4.260416	0.470668	0.830796	0.453518
AC010761.6__antise	2.99185	3.37863	3.75175	2.32381	1.58259	3.83316	3.49724	3.23947	2.70598	0.387204	0.100257	-0.28695	0.28277	0.664614	0.576569
AC010880.1__lincRN	0	0	0.831592	0	32.5583	18.4534	0.83399	0	0	-5.93881	-0.00415	5.934654	0.217435	0.998824	0.226091
AC010883.5__antise	0.27903	0.197441	1.11579	0.296117	0.258051	4.3171	0.370421	0.426602	0.121393	-1.61322	0.793857	2.407078	0.408752	0.620276	0.456591
AC010884.1__antise	9.4663	6.96679	9.96983	3.99914	7.85273	32.271	5.57479	6.45919	6.88287	-0.74083	0.481026	1.221855	0.554777	0.134385	0.428748
AC010890.1__antise	0.25756	0.506842	0	0	82.6896	3.62213	0.248687	0.185082	0	-6.81908	0.817405	7.636486	0.399599	0.406954	0.399624
AC010967.2__lincRN	5.62839	0.630079	0.991038	0	12.4889	476.842	0	9.538	0	-6.07678	-0.3958	5.68098	0.415313	0.875159	0.419088
AC010976.2__antise	13.9229	4.98173	15.4522	8.76723	5.28691	48.3233	8.1559	10.3215	10.2081	-0.86043	0.260275	1.120703	0.513809	0.653449	0.49411
AC010980.2__pseud	0.092681	0	1.04727	0.269123	5.10683	0.599295	0.645747	0.044441	0.056344	-2.39003	0.610696	3.000723	0.455761	0.799997	0.408697
AC010982.1__lincRN	0	0.722346	1.38142	2.06426	1.87254	19.9191	0.729884	0	0	-3.5033	1.527235	5.030535	0.327975	0.539176	0.33412
AC010987.5__lincRN	0	0	0.439507	5.3467	100.521	12.0599	0.599974	0	0	-8.0678	-0.44901	7.618786	0.330596	0.875431	0.331652
AC010987.6__lincRN	0.43239	0	0.651088	0	5.96595	4.83676	1.28301	0	0	-3.31765	-0.24386	3.073789	0.231382	0.892457	0.294157
AC011286.1__lincRN	0.066925	0	0.553418	0	1.44681	42.1635	0.809265	0	0	-6.13546	-0.38355	5.751913	0.403865	0.8822	0.414372
AC011306.2__lincRN	0.012899	0.027089	1.37201	0.017198	1.79494	398.421	0.098401	0.045918	0.065114	-8.14696	2.753181	10.90014	0.420079	0.469928	0.420238
AC011516.2__lincRN	0	0	0.187798	0.03821	1.52485	2.63854	0.04237	0	0.078401	-4.48369	0.636915	5.1206	0.197212	0.670134	0.209333

AC011518.2__lincRN	0	0	0	0	1.22026	13.0265	0	0	0.213492	#NUM!	#NUM!	6.060308	0.371319	0.42265	0.370513
AC011523.2__antise	0.092038	0	0.833035	0	1.60689	27.2612	1.90775	1.18838	0	-4.96376	-1.74283	3.220938	0.390685	0.460747	0.455585
AC011524.1__lincRN	0	0	1.44258	0	10.7387	13.683	1.87462	0	0	-4.08144	-0.37795	3.703494	0.185241	0.894548	0.255906
AC011525.2__lincRN	0.010096	0.059518	0.085986	0.073989	4.06837	0.194195	0.208277	0.033164	0.082411	-4.80063	-1.05749	3.743144	0.398159	0.514197	0.426407
AC011526.1__lincRN	0.587354	0.246518	0.486053	6.67753	17.7302	9.85813	1.0708	0.392281	0.401172	-4.69824	-0.49814	4.200102	0.083354	0.386228	0.088785
AC011747.3__lincRN	0.031298	0.258433	1.9349	14.7485	4.91726	11.7262	1.08368	4.3944	1.13321	-3.81876	-1.57137	2.247391	0.078804	0.416765	0.172891
AC011747.7__antise	32.486	8.21895	23.7385	8.20051	2.79158	4.77778	15.5428	31.1893	16.0018	2.030863	0.038788	-1.99207	0.101751	0.966625	0.136632
AC011752.1__lincRN	0.127437	0.426932	1.59184	12.6718	41.8607	637.067	1.95963	0.206929	0.379694	-8.332	-0.24659	8.085417	0.375057	0.895389	0.376585
AC011754.1__sense	0.347844	0	36.6829	60.747	0.592124	4.92906	0.386653	74.5391	0.190909	-0.83959	-1.02041	-0.18082	0.752635	0.735049	0.946546
AC011897.2__lincRN	0	0	1.1569	0	0	4.84484	0	0	0	-2.06618	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
AC011901.2__lincRN	0	0	0	0	2.72314	0	0.791648	0	0	#NUM!	#NUM!	1.78234	0.42265	0.42265	0.606772
AC011995.1__lincRN	0	0	0	0	1.2737	126.118	0	0.070243	0	#NUM!	#NUM!	10.82464	0.416849	0.42265	0.417167
AC011995.3__lincRN	0	0	0	0	0	0.200576	0.498999	0	0	#NUM!	#NUM!	-1.31489	0.42265	0.42265	0.679632
AC012065.7__lincRN	0.440976	0	0.130418	3.08504	0.11579	8.93339	1.01976	0.142283	0.165308	-4.40845	-1.21599	3.19246	0.273755	0.268969	0.30736
AC012075.2__lincRN	0	0	0.147741	0	0	0.276573	0	0	0	-0.90459	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
AC012307.3__proce	38.9098	30.8538	25.5193	14.2651	71.8827	19.6241	17.2649	34.9997	30.9942	-0.15067	0.194615	0.345282	0.874421	0.694291	0.664242
AC012309.5__lincRN	0.071027	0.310803	0.254302	1.39334	1.12737	51.6202	4.41772	0.013889	0.365451	-6.41125	-2.91475	3.496497	0.398884	0.448788	0.44527
AC012322.1__lincRN	0	0	3.52325	0	7.07249	103.801	0.731949	0	0	-4.97586	2.267092	7.242956	0.383461	0.552155	0.388815
AC012354.6__lincRN	0.150087	0	0.663572	0.073186	1.35143	3.5123	0.438663	0.096301	0.202589	-2.60111	0.141677	2.742791	0.245217	0.920445	0.318678
AC012360.6__antise	0	0.051703	0.648761	0	0.416871	0.235764	0	0	0	0.102035	#DIV/0!	#DIV/0!	0.94991	0.378608	0.213235
AC012361.1__lincRN	0	0	0	0	0.109938	0	0.060569	0	0	#NUM!	#NUM!	0.860031	0.42265	0.42265	0.772918
AC012363.4__antise	3.83168	3.59145	16.6122	3.48177	3.54456	17.7696	1.9781	3.10324	14.4666	-0.04495	0.29814	0.343087	0.637094	0.099512	0.171222
AC012445.1__lincRN	0	0	0.240316	0	0	0	0	0.065298	0	#DIV/0!	1.879831	#NUM!	0.42265	0.594237	0.42265
AC012451.1__lincRN	0.13091	0.464054	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.287584	0.287584	#DIV/0!
AC012456.3__antise	0	0.022601	0.095878	0	5.66733	0.164693	0.187687	0.020926	0.041681	-5.6213	-1.079	4.542305	0.415655	0.61045	0.429713
AC012457.2__antise	0	0	0.344578	0	3.61844	4.53351	0.54111	0	0	-4.56424	-0.65109	3.913151	0.185675	0.823124	0.245733
AC012462.2__lincRN	0.193841	0	0.515324	0	12.4507	2.83048	2.38465	0	0	-4.42949	-1.74958	2.679907	0.335748	0.570185	0.426767
AC012494.1__lincRN	0	0	3.52164	0	5.72409	20.1469	1.16053	5.61528	0	-2.87702	-0.94415	1.93287	0.266146	0.720793	0.453702
AC012501.2__sense	8.50126	0	4.05579	53.3774	39.9278	92.9292	1.66293	1.97301	8.14136	-3.89055	0.092489	3.983039	0.06522	0.945143	0.052644
AC012506.1__lincRN	0	0	0	0	3.67733	167.196	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.410094	#DIV/0!	0.410094
AC012506.2__lincRN	0	0	0.111837	0	0.474464	2.31372	0	0	0	-4.63986	#DIV/0!	#DIV/0!	0.313987	0.42265	0.318438
AC012506.3__lincRN	0.071739	0	1.7025	0	33.3774	58.607	0	0	0	-5.69612	#DIV/0!	#DIV/0!	0.210519	0.398855	0.212585
AC012506.4__lincRN	0	0	0.279969	0	3.05907	0	0	0	0	-3.44975	#DIV/0!	#DIV/0!	0.477672	0.42265	0.42265
AC012531.23__lincR	0	0	0.118629	0.865815	0.209563	1.53887	0.501942	0	0.085722	-4.46187	-2.30854	2.153332	0.140561	0.461656	0.226465
AC012593.1__lincRN	0	0	3.40567	5.69312	363.264	69.5374	0.348285	0	0	-7.00848	3.289598	10.29807	0.319758	0.484382	0.316126

AC012668.1__lincRN	0	0	0	0	0	6.92249	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC012668.3__lincRN	0	0	0	0	2.74025	36.5083	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.381056	#DIV/0!	0.381056
AC013248.2__lincRN	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AC013268.5__lincRN	7.04071	13.6062	21.001	7.08935	5.5527	6.16492	16.2292	6.04867	4.92465	1.146977	0.614504	-0.53247	0.218816	0.582994	0.475241
AC013269.3__antise	0.00458	0.048618	0.137372	0	0.182642	0	0.174622	0	0	0.061305	0.126088	0.064783	0.976156	0.958883	0.981676
AC013275.2__antise	0.194218	0.08809	0.639921	0.099211	13.0924	1.62914	1.41109	0.048981	0.048788	-4.00635	-0.71026	3.296089	0.384743	0.749752	0.417938
AC013401.1__lincRN	0	0	0	0	0	3.75912	0.25709	0	0	#NUM!	#NUM!	3.87005	0.42265	0.42265	0.463389
AC013402.2__lincRN	0.035608	0.051622	1.2153	5.40114	21.2284	24.3389	1.4553	0	0.899839	-5.29022	-0.8545	4.43572	0.098597	0.582387	0.119291
AC013402.3__lincRN	0	0	0	0	0	0.168098	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC013402.4__lincRN	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AC013448.1__lincRN	1.90702	0	0	0	1.73225	4.10086	0.211488	0	0.32866	-1.61295	1.819893	3.432839	0.531956	0.543068	0.264758
AC013460.1__proce	0.094198	0.031737	0.243304	0	0.952338	2.52977	0.105566	0.029421	0	-3.23733	1.451738	4.68907	0.271391	0.444759	0.282928
AC013472.3__proce	3.79114	0.955826	0.481944	6.07045	4.69814	148.178	1.38922	0	3.24815	-4.92589	0.173203	5.099091	0.399375	0.909795	0.385928
AC013472.4__antise	2.39426	4.56843	3.38416	2.84611	2.69816	13.5083	1.34761	1.94425	4.61954	-0.88079	0.387187	1.267981	0.512268	0.543989	0.288901
AC013480.2__antise	0	0	0	0	0	3.62514	1.12174	0	0	#NUM!	#NUM!	1.692298	0.42265	0.42265	0.619119
AC013727.1__lincRN	0	0	0	0	2.62689	7.37237	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.262358	#DIV/0!	0.262358
AC013733.3__antise	0	0	1.0768	0	1.97252	23.6573	0.331354	0	0	-4.573	1.700305	6.273306	0.374597	0.61799	0.384792
AC013733.4__lincRN	0	0	0.033171	0	13.2645	0	0.064827	0	0.071969	-8.64342	-2.04403	6.599396	0.424095	0.208103	0.428619
AC015691.13__antis	0.258497	0.076232	0.723436	0	3.75958	13.9801	0.284013	0.070385	0.210205	-4.06734	0.906256	4.9736	0.300133	0.445497	0.304546
AC015818.3__pseud	0	0.005014	0.057474	0.107376	0.50911	0.099766	0.188491	0.027893	0.027785	-3.51882	-1.96623	1.552588	0.270115	0.454195	0.447466
AC015849.16__lincR	0.04594	0.030953	0.105199	0.218512	2.61335	2.1445	0.045115	0.057471	0.057262	-4.77236	0.187962	4.960317	0.159958	0.765609	0.158454
AC015849.2__antise	23.253	0.923326	3.96875	0.973095	6.98811	5.06769	0.304235	12.7575	3.73287	1.111168	0.744885	-0.36628	0.622467	0.746211	0.635178
AC015969.3__antise	0	0	0.241537	0	0	0	0.817563	0.023955	0	#DIV/0!	-1.80075	#NUM!	0.42265	0.593825	0.405988
AC015971.2__antise	1.4004	0	0	43.192	12.8537	171.952	1.64022	0	0	-7.34704	-0.22805	7.118986	0.262636	0.42265	0.263182
AC015977.6__antise	0	0	0	0	4.06877	1501.29	0.127946	0	0	#NUM!	#NUM!	13.52228	0.421087	0.42265	0.421136
AC016582.2__lincRN	0.32255	0.10867	0.565591	0.413557	5.36611	23.1152	1.67619	0.446544	1.89699	-4.85735	-2.0117	2.845645	0.304373	0.095008	0.34174
AC016629.8__antise	3.37886	4.16462	26.9562	8.82744	55.8989	7.38802	2.17784	3.92038	30.0016	-1.0637	-0.06541	0.998295	0.609262	0.718579	0.635679
AC016682.1__lincRN	1.34693	0.078429	1.06194	0	29.883	21.8751	0.064423	0	0	-4.37913	5.270856	9.649989	0.218017	0.160829	0.194109
AC016683.6__proce	4.82835	29.0323	32.688	22.6121	7.53834	43.8099	2.15804	27.1399	11.3596	-0.15234	0.710886	0.863229	0.857516	0.307248	0.553649
AC016700.5__lincRN	0	0	1.09486	0	1.93588	0.958404	0.279318	0	0	-1.40246	1.970766	3.373226	0.464674	0.583289	0.306854
AC016710.1__lincRN	0	0	0	0	1.09469	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC016722.3__antise	0	0.25935	0.054788	0	0	2.30296	0.694203	0	0	-2.87402	-1.14396	1.73006	0.492618	0.704705	0.613848
AC016722.4__antise	0	0	0	1.17017	12.7368	1.81695	0.938005	0	0	#NUM!	#NUM!	4.067222	0.29729	0.42265	0.33659
AC016725.4__antise	7.6395	10.474	6.57796	8.65765	166.167	476.842	5.39454	7.39606	7.16489	-4.72205	0.307226	5.029277	0.269262	0.290639	0.26438
AC016730.1__lincRN	0	0	0	0	0	345.829	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265

AC016735.3__lincRN	0	0	0.715464	0	4.41841	2.05853	0.382058	0	0	-3.17836	0.905088	4.083449	0.279695	0.762673	0.280298
AC016739.2__pseud	96.2102	53.1034	72.597	61.1378	74.6818	85.7491	33.5799	35.1281	62.5157	0.002224	0.75795	0.755726	0.995434	0.205902	0.025284
AC016751.2__lincRN	0	1.70424	0	2.60619	0	2.73135	0	0	0	-1.64705	#DIV/0!	#DIV/0!	0.493568	0.42265	0.183728
AC016751.3__antise	0	0.605837	0	0	0	2.28669	0	0	0	-1.91626	#DIV/0!	#DIV/0!	0.589767	0.42265	0.42265
AC016768.1__lincRN	0.308341	0	1.90142	0	9.29166	46.083	2.08791	0.077538	0.254894	-4.64726	-0.13132	4.515943	0.320147	0.949878	0.346613
AC016903.1__lincRN	0	0	0.313164	0	2.01005	46.2304	0	0	0	-7.26718	#DIV/0!	#DIV/0!	0.397953	0.42265	0.398116
AC016903.2__lincRN	0	0	0	0	0	5.00452	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC016909.1__antise	0.018119	0	0.453307	0	1.04881	5.65768	0.153234	0.059367	0	-3.83045	1.148882	4.979336	0.321945	0.686544	0.347456
AC016910.1__antise	8.7399	86.8896	1.14963	6.67753	3.46864	17.0612	3.27374	9.98079	12.279	1.830698	1.922303	0.091605	0.527165	0.471981	0.889772
AC016995.3__lincRN	0	0.09306	1.23512	0	52.5571	30.5084	1.786	0	0.25137	-5.96673	-0.61726	5.349469	0.214507	0.7994	0.228925
AC017002.4__lincRN	0	0	0.516066	0	0	1.56961	0.482706	0	0.209668	-1.60478	-0.424	1.180783	0.42265	0.821961	0.649031
AC017048.1__lincRN	1.8812	0	0.869964	0	0	4.2537	0	1.31951	0	-0.62868	1.06004	1.688716	0.77593	0.663588	0.619626
AC017048.2__lincRN	5.49379	0	0	0	4.19506	3.29521	0	1.41492	0	-0.44722	1.957081	2.404297	0.849474	0.584892	0.186422
AC017048.3__lincRN	4.57807	0.534747	0.477749	0.583826	1.24923	0.331352	0.397429	1.65151	1.6013	1.369022	0.615003	-0.75402	0.512819	0.749425	0.362253
AC017048.4__lincRN	0	0	1.89908	0	0	2.68884	0	0	0	-0.50168	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
AC017053.1__lincRN	0	0	0	0	0	43.9686	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC017074.1__lincRN	0	0	0.402522	0	1.53319	0	0	0	0	-1.9294	#DIV/0!	#DIV/0!	0.588183	0.42265	0.42265
AC017074.2__lincRN	1.29614	4.02598	2.27518	10.1716	5.44142	284.403	1.77881	1.49391	0	-5.30341	1.214997	6.518406	0.401894	0.273794	0.397918
AC017076.5__antise	0.537444	0	3.19746	0	3.97845	21.9652	0.864744	1.11534	2.39193	-2.79624	-0.22723	2.569012	0.331908	0.7399	0.371005
AC017099.3__antise	4.34565	4.36007	3.77559	2.40476	3.43206	27.1076	2.27442	4.12257	4.07784	-1.40026	0.252843	1.653107	0.495779	0.450089	0.436955
AC017104.6__proce	0.870387	0.72833	1.25758	14.2207	0.518584	8.83533	0.362274	38.2265	1.14574	-3.04502	-3.79817	-0.75316	0.220858	0.43225	0.771902
AC018359.1__lincRN	24.4513	721.32	5.85	29.2141	63.6557	115.125	173.922	61.2551	5.97708	1.853458	1.64005	-0.21341	0.529228	0.564527	0.894387
AC018462.2__antise	1.0812	0.934948	7.11641	4.20344	2.4568	106.237	1.83828	1.12146	1.64224	-3.62785	0.988764	4.616612	0.39597	0.526943	0.402425
AC018470.4__lincRN	0	0.033159	0.116999	0.112252	3.55627	1.83286	0.278071	0	0.040735	-5.19524	-1.0862	4.109046	0.211923	0.664523	0.249287
AC018495.3__lincRN	0	0	0	0	0	4.75552	0.349515	0	0.193866	#NUM!	#NUM!	3.129567	0.42265	0.215071	0.468444
AC018685.1__lincRN	0.069249	0	1.56313	0	0	13.181	0	0	0.521191	-3.01341	1.647092	4.660504	0.426101	0.385634	0.42265
AC018717.1__lincRN	1.2421	2.50395	0.547881	0	3.71736	714.898	0.065655	0	0.145711	-7.38678	4.344482	11.73126	0.422675	0.156872	0.419708
AC018730.3__antise	0.047185	0.011128	2.05908	0.138121	2.35348	0.904051	0.124087	0.051621	0.041142	-0.6814	3.287516	3.968915	0.71759	0.456741	0.253442
AC018737.1__antise	31.217	23.3771	23.4835	12.2443	14.1092	34.6728	24.1287	25.1651	20.8492	0.355478	0.15461	-0.20087	0.588038	0.410456	0.753124
AC018742.1__lincRN	0	0	0.057223	0.1139	6.66126	4.44065	0	0	0	-7.61473	#DIV/0!	#DIV/0!	0.192169	0.42265	0.19123
AC018755.16__pseu	0.071732	0.063446	0.185445	0	2.47136	5.71592	1.23563	0.097932	0.07803	-4.67443	-2.13837	2.53606	0.247091	0.46135	0.373151
AC018799.1__lincRN	0.030149	0	0.36375	0.119531	2.25031	2.05921	0	0	0	-3.4911	#DIV/0!	#DIV/0!	0.173558	0.376933	0.162323
AC018804.6__pseud	9.42235	5.03736	5.22044	4.85481	10.6232	10.4854	3.93476	8.42621	4.26197	-0.39974	0.243566	0.643304	0.593868	0.729302	0.190726
AC018865.8__pseud	0.05038	28.3009	1.40968	1.83172	122.616	4.86356	12.7402	0.657514	0.161603	-2.11936	1.134137	3.253492	0.391119	0.692731	0.454612
AC018866.1__lincRN	0	0	3.28322	0	2.55779	5.83093	0	0	0.091689	-1.35334	5.162227	6.515566	0.183505	0.42265	0.237628

AC018890.4__lincRN	0	0	0.128866	0	0.10314	25.1256	0.078861	0	0	-7.61305	0.708484	8.321537	0.420272	0.808909	0.4221
AC018890.6__antise	102.687	4.53534	2.15767	92.0818	29.883	599.728	0.766166	9.538	3.61212	-2.72204	2.974503	5.696539	0.409031	0.459932	0.322793
AC019048.1__antise	0	0.696373	1.64118	0	4.82458	79.1978	1.24946	6.09673	0	-5.1677	-1.652	3.515706	0.392778	0.499775	0.441174
AC019055.1__lincRN	0	0	0.533271	0.241641	0	25.889	0	0	0	-5.61473	#DIV/0!	#DIV/0!	0.417174	0.42265	0.417286
AC019068.2__antise	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AC019118.2__lincRN	0.102562	0.726783	2.09955	1.69149	9.53666	43.0168	0.592076	0.281884	0.542343	-4.21106	1.048227	5.259287	0.292652	0.483831	0.298593
AC019118.3__lincRN	0.048629	0.363391	1.79528	0.894308	122.616	14.6577	0.878726	0	3.73022	-5.968	-1.06215	4.905843	0.361452	0.351033	0.373606
AC019118.4__lincRN	0	0	5.16875	5.29237	0	7.30759	0.758031	0	0.794799	-1.28553	1.734916	3.020447	0.248381	0.529718	0.196291
AC019186.1__lincRN	18.5428	2.67104	1.81511	11.1082	2.01758	25.6659	1.0925	2.53748	1.69184	-0.7523	2.113457	2.865756	0.635847	0.414184	0.256413
AC019330.1__lincRN	788.569	44.4729	1.60788	151.896	330.24	52.1068	0.800985	25.8812	3.61125	0.643675	4.784094	4.140418	0.752119	0.410658	0.152335
AC020571.3__antise	1.19375	0.52145	0.41408	2.56028	0.141347	0	0.249759	0.800949	0.241829	-0.34346	0.72016	1.063623	0.776366	0.516642	0.663126
AC020601.1__lincRN	0	0	0.347472	0	0.132096	6.30662	0.169936	0	0	-4.2118	1.031905	5.24371	0.409997	0.735005	0.426448
AC021016.8__antise	0	9.05991	0.931706	0	7.32585	28.6016	0	0	0	-1.8463	#DIV/0!	#DIV/0!	0.459892	0.366616	0.29745
AC021106.1__pseud	0.064603	0.07625	0.193082	0.928668	0	0.302216	0.438616	0.489451	0.069534	-1.88206	-1.5789	0.30316	0.407667	0.328793	0.815664
AC021188.4__antise	0.212326	0.025041	0.777685	0.112567	1.0605	19.1934	0.561636	0.046351	0	-4.32657	0.739443	5.066013	0.39428	0.724414	0.406642
AC021224.1__lincRN	0	63.9064	49.7354	76.6436	68.8135	40.1166	0	62.4397	64.0613	-0.7075	-0.15466	0.552843	0.463442	0.484454	0.576588
AC022154.7__antise	259.069	271.422	3.65361	113.071	78.5895	74.6279	97.1026	261	184.741	1.004241	-0.02331	-1.02755	0.386482	0.979347	0.252718
AC022201.4__antise	0	0	0	0.421168	4.8575	8.03076	0	0.036751	0	#NUM!	#NUM!	8.500461	0.182096	0.42265	0.182706
AC022596.6__pseud	0	0	0.300197	0.065991	0.141574	0	0.008119	0.108622	0.072126	0.532349	0.668535	0.136185	0.841959	0.74569	0.890039
AC022816.2__lincRN	1.26261	0.009933	1.07047	0.089695	6.94635	2.74643	0.218572	0	0.045916	-2.06183	3.14709	5.208925	0.406068	0.179638	0.262777
AC023085.1__pseud	0	0	0.444389	19.1783	10.7257	1.73487	0.253191	0.040341	0	-6.15373	0.598307	6.752038	0.181791	0.830234	0.169944
AC023115.1__lincRN	0.278713	0.570341	1.47109	15.1843	56.1082	73.0158	2.23777	0.10922	0.181654	-5.9588	-0.12415	5.834647	0.106901	0.949638	0.117745
AC023115.2__lincRN	0	0.368009	0	0	9.80091	15.1765	0.266305	0	0.463969	-6.08474	-0.9887	5.096042	0.204872	0.677888	0.208202
AC023115.4__lincRN	0.454322	0	0	0	0.748418	0	0.37768	0	0.209557	-0.72013	-0.37023	0.349901	0.806063	0.656086	0.892308
AC023469.2__antise	0	0	0	0	6.66372	10.1742	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.20069	#DIV/0!	0.20069
AC024132.1__lincRN	0	0.027845	0.035468	0.078488	0.126324	0.101809	0.081074	0.025822	0.051447	-2.27587	-1.32246	0.953408	0.013084	0.336242	0.238658
AC024560.2__lincRN	0.042081	5.37419	4.59651	14.2207	1.30098	21.1542	0.588773	0.310049	2.65798	-1.87299	1.49319	3.366179	0.305833	0.316078	0.168577
AC024592.9__antise	3.40498	0	0.160438	0	19.6386	7.4307	2.79037	0	0.029032	-2.92451	0.338682	3.263196	0.360394	0.314698	0.338711
AC024619.2__sense	0	0	1.66162	0	0.555665	3.69066	0.285308	0	0	-1.35362	2.541998	3.895623	0.290657	0.528681	0.389045
AC025165.8__antise	1.07844	0.645463	0.948611	0.617845	0	1.80326	0.429882	0.688981	0.801783	0.142532	0.476606	0.334074	0.875497	0.348596	0.765096
AC026150.5__lincRN	0.020353	0.011999	0.098554	0.045175	2.78702	2.16878	0.151014	0.014852	0.014798	-5.2556	-0.46478	4.790825	0.187888	0.814931	0.207624
AC026188.1__lincRN	7.83898	19.4478	2.57505	34.9474	150.782	15.0513	0.561286	4.32893	1.16632	-2.74925	2.301738	5.050984	0.26731	0.183768	0.25584
AC026202.3__antise	6.47289	3.62801	4.74839	3.32946	9.9483	820.65	3.7153	6.72507	6.13912	-5.81146	-0.15901	5.652451	0.420423	0.771611	0.420643
AC026202.5__lincRN	0	0.074693	0	0	2.50865	0	0	0	0	-5.0698	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
AC027612.1__pseud	0.016461	3.61393	4.49569	4.72547	0.489114	2.20726	1.7956	7.29109	5.8559	0.130782	-0.8788	-1.00958	0.933315	0.085926	0.474075

AC027612.6__pseud	14.965	41.4406	17.2172	11.775	11.5915	49.7618	22.8787	19.4697	1.52658	0.009723	0.746754	0.737031	0.993552	0.38954	0.663019
AC034110.1__lincRN	0	0	0.012749	0	0.122564	0.121941	0	0	0.041602	-4.26144	-1.7063	2.555139	0.184859	0.42265	0.200629
AC034187.2__lincRN	0.712444	0.790962	0.802831	1.29534	0.34865	0.863111	1.54966	1.76239	0.508921	-0.12048	-0.7284	-0.60792	0.842046	0.335295	0.487269
AC034193.5__pseud	2.50615	5.73253	0.982351	42.9047	7.29561	153.5	16.7452	0.052211	7.10705	-4.46538	-1.37428	3.091096	0.288382	0.486476	0.302798
AC034229.1__pseud	0	0	0	0	0	1.54847	1.22144	0	0	#NUM!	#NUM!	0.34226	0.42265	0.42265	0.904265
AC051649.6__lincRN	0	0	0.385496	0	0.050947	2.10308	0.188012	0	0.104342	-2.48225	0.399	2.881248	0.405786	0.841007	0.464778
AC053503.11__antis	5.18452	2.4971	4.43505	2.38782	5.12105	5.45629	1.68927	4.8611	6.02464	-0.09765	-0.05357	0.04408	0.876561	0.941314	0.759684
AC053503.4__antise	4.90413	4.61708	4.21624	4.08189	2.67794	10.1344	2.80594	6.38828	4.42164	-0.29842	0.012826	0.311242	0.709865	0.974505	0.726889
AC061992.2__lincRN	6.04615	0	3.2125	1.07262	2.0354	17.1353	2.33016	0.138971	1.36355	-1.12857	1.272448	2.40102	0.575044	0.245662	0.405419
AC062020.1__lincRN	0	0	0.084838	0	0.044924	0.240882	0.041405	0	0	-1.75225	1.034911	2.78716	0.285458	0.73437	0.432194
AC062021.1__lincRN	0	0	0	0	0.424589	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC062028.1__lincRN	0.030612	0.08412	3.37697	3.79542	4.06837	58.0879	1.70095	0.200111	0.536709	-4.23941	0.518368	4.757776	0.34416	0.815445	0.364685
AC062029.1__antise	0	0	0	0	0	3.18131	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC062031.1__lincRN	0	0	0.138597	0	0	10.391	0	0	0.150095	-6.22829	-0.11498	6.113315	0.42265	0.42265	0.42265
AC064834.1__lincRN	0.62006	1.76246	2.913	0.654305	3.61809	3.56664	0.507479	0.744678	2.94278	-0.5659	0.336123	0.902027	0.253692	0.379727	0.285358
AC064834.2__lincRN	0.039541	0.046648	2.05375	0	2.91125	4.42436	0.481959	0.172018	0.171204	-1.77735	1.374787	3.152134	0.193299	0.608298	0.260346
AC064865.1__lincRN	0	0	0.736734	0	600.983	10.7729	0	0	0	-9.6976	#DIV/0!	#DIV/0!	0.41309	0.42265	0.412395
AC064871.3__antise	1.83477	0.492394	0.332073	0.241586	0.10019	20.0521	0.167324	0.60161	0.698336	-2.93905	0.857878	3.79693	0.482565	0.597716	0.435586
AC064875.2__proce	0.114804	1.01044	1.32378	0.091245	20.317	25.6659	2.44132	14.8771	0	-4.23368	-2.82203	1.41165	0.189321	0.392122	0.369726
AC066593.1__antise	0.095267	0	0	0.187776	13.7645	1.56636	0	1.62934	0	-7.34781	-4.09616	3.251642	0.357232	0.457334	0.344708
AC067956.1__lincRN	0.029177	0	0.87719	1.54973	19.7037	21.6056	1.08939	0	0	-5.56336	-0.26535	5.298007	0.154263	0.923209	0.17538
AC067959.1__lincRN	0.542593	0.183016	1.64556	0	49.9894	203.143	0.768959	0	0.552493	-6.73815	0.843474	7.581624	0.302489	0.464221	0.303281
AC067960.1__lincRN	0.041789	0	0.751026	0.165049	18.6963	17.7928	0.949282	0.04543	0.090423	-5.53085	-0.45282	5.07803	0.181574	0.849766	0.20176
AC068057.1__lincRN	0	0	0.09858	0	0	25.1256	0.240362	0	0.266787	-7.99365	-2.36305	5.630605	0.42265	0.195946	0.428259
AC068057.2__lincRN	0	0.016732	0.19518	0.129563	3.91145	17.0612	0.361683	0	0	-6.63779	-0.77126	5.866525	0.303248	0.789776	0.31595
AC068134.5__pseud	0	0	0.193082	1.08111	3.20262	0	0	0	0	-4.47158	#DIV/0!	#DIV/0!	0.302434	0.42265	0.268318
AC068138.1__lincRN	0.197406	0	0.422906	0.037292	8.18274	28.2325	0.275661	0	0	-5.87688	1.170099	7.04698	0.286356	0.537337	0.289455
AC068196.1__lincRN	0.886166	1.35035	0.439318	0.707521	4.55845	11.7979	1.29586	0	2.46541	-2.67288	-0.49123	2.181653	0.296278	0.74619	0.261722
AC068282.3__lincRN	1.48704	1.01623	2.06177	0.996907	0.460481	2.01708	0.655378	0.946494	1.89096	0.393835	0.38623	-0.00761	0.151827	0.273326	0.98254
AC068286.1__lincRN	0	0	0.381336	0	2.41206	15.1765	1.09184	0.186208	0	-5.52743	-1.74481	3.782623	0.337274	0.55804	0.387626
AC068483.1__lincRN	0.162276	0	0	0	4.3248	21.7577	0	0	0	-7.32849	#DIV/0!	#DIV/0!	0.325411	0.42265	0.32117
AC068490.2__lincRN	0	0	0.19624	0	19.2703	505.513	0.090847	0	0	-11.3849	1.111113	12.496	0.401068	0.718616	0.40118
AC068492.1__lincRN	0	0.101368	0.426783	1.99805	0.961488	2.13386	0	0	0	-3.26961	#DIV/0!	#DIV/0!	0.046802	0.304858	0.04441
AC068499.10__antis	0.329209	0.218396	1.68056	0.594755	0.678432	4.86356	0.463343	0.336915	0.178949	-1.46162	1.18617	2.647788	0.30071	0.523167	0.366294
AC068535.3__lincRN	0.124873	0.094394	0.159074	0	17.7302	0	0.154593	0	0	-5.55038	1.291211	6.84159	0.431983	0.310464	0.427706

AC068535.4__lincRN	0.042748	0	0.682843	0	10.078	18.2292	0.333249	0.185858	0	-5.28587	0.483125	5.768993	0.213022	0.844163	0.226558
AC068542.1__antise	0	0	0	0	1.66634	8.79704	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.325285	#DIV/0!	0.325285
AC068580.6__antise	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AC068718.1__lincRN	0	0	1.44515	7.34528	84.9409	398.421	0.744275	0	0.049544	-8.4075	0.864337	9.271836	0.304295	0.762247	0.305681
AC068831.3__antise	4.99949	2.31961	0	1.41275	1.81162	9.84922	2.04638	2.02395	11.9269	-0.83692	-1.12808	-0.29117	0.683413	0.592346	0.226593
AC068858.1__lincRN	0	0.060312	1.08932	0.559243	3.45031	8.51284	0.150036	0.093497	0.138819	-3.44527	1.5882	5.033467	0.197309	0.539914	0.223894
AC069277.2__lincRN	0	0.016014	0.057253	0.526567	13.7645	32.5291	0.16736	0.032767	2.15001	-9.31975	-5.00344	4.316313	0.234701	0.373876	0.229918
AC069394.1__lincRN	0.685283	1.40425	0.92847	0	0.581743	7.76341	0	0	0.679512	-1.46734	2.151023	3.618368	0.555434	0.146703	0.377333
AC072062.1__antise	4.83439	7.13336	6.94254	3.25326	19.8487	113.091	3.5248	6.057	4.4264	-2.84841	0.4329	3.281309	0.366687	0.067133	0.355984
AC073043.1__proce	9.84842	4.35139	5.01854	2.17163	4.48546	52.1068	6.8456	3.94788	4.64691	-1.61245	0.315775	1.928221	0.521451	0.28544	0.47554
AC073128.10__antis	0	0	0.745906	8.36822	4.02922	22.6831	1.84824	0	0.656309	-5.55553	-1.74749	3.808048	0.167876	0.451282	0.193568
AC073218.1__lincRN	0.016877	0.069389	1.03513	61.2968	12.0587	182.685	1.52236	0.119817	0.256709	-7.83493	-0.75986	7.075075	0.233779	0.735261	0.237148
AC073218.2__lincRN	0.673254	0	1.80395	0.859824	819.523	15.1765	1.16038	0	0	-8.39789	1.094115	9.492001	0.413176	0.593127	0.412271
AC073254.1__antise	17.7454	10.1795	12.151	1.97356	36.7152	143.906	1.74314	13.2134	17.322	-2.18784	0.31216	2.499998	0.391948	0.736559	0.325927
AC073257.1__lincRN	0	0	0.766085	0	6.54509	6.35439	0	0	0	-4.07366	#DIV/0!	#DIV/0!	0.18603	0.42265	0.183593
AC073257.2__lincRN	0	0	0	0.189445	0	1.06834	0.14073	0	0	#NUM!	#NUM!	3.159884	0.330712	0.42265	0.39695
AC073283.4__lincRN	11.9887	11.8691	12.0979	12.162	136.332	88.5815	11.7471	12.54	10.2537	-2.72105	0.057919	2.778973	0.205143	0.586856	0.201775
AC073284.4__lincRN	0	0	1.27737	0	0	7.14037	0	0	0	-2.48282	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
AC073321.3__antise	0	0	0.053684	0	4.23077	1.98143	0.539245	0	0	-6.85446	-3.32837	3.526091	0.235229	0.482685	0.303545
AC073409.1__lincRN	0	0	0	0	0.923059	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC073479.1__proce	0.01536	0.015347	1.51604	0.083641	4.33054	50.6751	0.10297	0.076744	0.078869	-5.15446	2.580538	7.735001	0.373577	0.483938	0.37653
AC073628.1__lincRN	0	0	0	0	6.81389	0.057473	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.417801	#DIV/0!	0.417801
AC073636.1__lincRN	0	0.159133	0	0	0.279169	4.57016	0.063572	0	0	-4.92948	1.323774	6.253254	0.40769	0.678035	0.396596
AC073834.3__antise	2.09262	1.89995	3.51595	2.96916	0	0.609686	0.856009	1.95108	0.982397	1.069034	0.986526	-0.08251	0.366458	0.238506	0.958067
AC073928.2__lincRN	0	0	1.1243	0	3.33159	3.25524	0	0	0	-2.55056	#DIV/0!	#DIV/0!	0.202539	0.42265	0.183558
AC073987.1__lincRN	0	0	1.02655	1.53353	9.28457	5.82947	0	0	0.182771	-4.01944	2.489695	6.509131	0.146366	0.42265	0.133816
AC074117.10__antis	0	1.44973	1.22419	2.03438	1.1624	6.19807	1.3181	0	0	-1.81291	1.020496	2.83341	0.278952	0.661185	0.265267
AC074212.5__antise	0.525717	0.464916	0	0.618022	0.300058	0.689323	0.291582	0.345131	0.200577	-0.69831	0.242623	0.940932	0.501793	0.732332	0.245713
AC074286.1__sense	2.11125	2.39906	3.24645	4.79302	1032.98	177.814	1.41243	3.53594	3.60836	-7.29198	-0.14161	7.150378	0.332857	0.665967	0.332546
AC074289.1__antise	47.9809	8.23279	95.0012	321.555	14.675	237.085	27.1745	16.6883	9.36947	-1.92273	1.506227	3.428955	0.209634	0.360989	0.193214
AC074363.1__lincRN	0.087742	0	5.59146	5.71839	37.5408	73.2321	0.411978	53.8271	0	-4.35839	-3.25557	1.102818	0.175173	0.481943	0.522112
AC074391.1__lincRN	0.273723	0.117398	3.08651	1.88685	53.7895	370.709	2.24206	0.131087	2.13975	-6.93791	-0.37595	6.56196	0.342798	0.726352	0.346047
AC078899.1__pseud	5.15273	4.77584	117.953	3.5473	2.57691	1.70349	74.9916	85.0546	69.277	4.030076	-0.84257	-4.87265	0.403919	0.49947	0.003637
AC079117.1__antise	0	0	0.065412	0	2.12295	129.986	0	0	0	-10.9799	#DIV/0!	#DIV/0!	0.413294	0.42265	0.413299
AC079135.1__antise	0.023443	0.138245	35.147	0	24.1173	40.6614	2.66386	0	0	-0.8755	3.728433	4.603929	0.308492	0.465263	0.24263

AC079150.3__lincRN	1.53592	0	0	3.19545	2.10363	3.8152	0	0.53716	0	-2.56903	1.515679	4.084705	0.0615	0.645615	0.050854
AC079154.1__antise	0	0	0.069818	0.457341	2.6749	1.96357	0.135857	0.151619	0	-6.18957	-2.04177	4.147798	0.123114	0.416111	0.136087
AC079163.1__lincRN	0	0	0.105248	0	2.40439	0	0	0	0	-4.51381	#DIV/0!	#DIV/0!	0.44845	0.42265	0.42265
AC079250.1__pseud	282.404	103.485	148.846	80.1288	31.7953	5.58224	61.6297	199.68	132.156	2.186086	0.442586	-1.7435	0.066436	0.662128	0.245137
AC079305.8__antise	10.3833	15.5879	10.2032	7.77317	5.0558	389.456	9.02715	11.6732	11.9176	-3.47518	0.149303	3.62448	0.442885	0.542044	0.434777
AC079584.2__lincRN	0	0	0.948117	0	2.61344	4.3804	0	0	0	-2.88295	#DIV/0!	#DIV/0!	0.190891	0.42265	0.208377
AC079586.1__lincRN	0	0	0.229699	0.107598	11.0858	1626.12	0.059552	0.029506	0.073479	-12.7993	0.498975	13.29827	0.418688	0.771598	0.41872
AC079610.1__sense	8.49223	0.906643	1.31866	16.6624	41.8363	49.4162	0.086476	2.25289	7.27619	-3.33185	0.156531	3.48838	0.118791	0.938768	0.05639
AC079612.2__lincRN	0	0	0	0	0	2.25232	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC079613.1__sense	0.085254	0.084443	3.36331	5.48309	9.80091	56.3324	0.250376	0	0	-4.34132	3.818729	8.16005	0.273726	0.437354	0.282394
AC079630.2__lincRN	0.08559	0	0	0	1.4143	0	0	0	0	-4.0465	#DIV/0!	#DIV/0!	0.45858	0.42265	0.42265
AC079630.4__antise	0	0	0	0	4.69814	6.19149	0	0.068513	0.545089	#NUM!	#NUM!	4.149508	0.191074	0.355155	0.187471
AC079776.1__lincRN	0	0	0.862463	0	0.842483	4.7563	0	0.072062	0	-2.69858	3.58116	6.279739	0.313615	0.472727	0.337762
AC079776.2__pseud	0	0	0	0	4.08102	28.9143	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.347627	#DIV/0!	0.347627
AC079776.3__lincRN	0.012388	0	0.545783	0.049402	7.99119	17.7696	0.394898	0.013545	0.080959	-5.53109	0.189688	5.720777	0.23216	0.934061	0.246735
AC079776.7__pseud	0	0	0	0	3.67195	1.17357	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.27429	#DIV/0!	0.27429
AC079779.4__proce	0	0	0	0.963588	56.1082	9.07124	0.65654	0.559619	0.169373	#NUM!	#NUM!	5.577077	0.328213	0.090102	0.335425
AC079779.5__lincRN	0	0	0.944931	0	8.19094	6.29361	1.52862	0	0.586845	-3.93816	-1.16269	2.775468	0.20092	0.569549	0.29289
AC079779.6__lincRN	0.039822	0.046517	0.318142	0.290223	3.2883	12.5806	0.291435	0.171536	0	-5.32013	-0.19485	5.125283	0.283005	0.920439	0.300808
AC079807.2__antise	0	0	0	4.44309	2.62948	8.34691	4.33256	0	0	#NUM!	#NUM!	1.831462	0.092938	0.42265	0.268619
AC079807.4__lincRN	0.049772	0.020981	3.07386	2.14047	12.442	177.814	1.39149	0.032468	0.07117	-5.93506	1.072614	7.00767	0.37632	0.710436	0.381419
AC079896.1__lincRN	0	0	0	0	1.46296	32.5291	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.397293	#DIV/0!	0.397293
AC079922.3__lincRN	0.204348	0.927888	0.400827	0.138234	243.551	26.3382	2.30651	0.129991	0.194221	-7.46055	-0.77904	6.681503	0.364706	0.719334	0.369435
AC079988.3__lincRN	0	0	0.486299	0.182043	0.876025	4.11632	0.540755	0	0	-3.41147	-0.15313	3.258341	0.276033	0.956769	0.366624
AC083899.3__pseud	6.95855	9.71922	11.2456	2.1327	12.8644	11.3703	9.79227	7.88533	11.8049	0.082718	-0.07839	-0.1611	0.844083	0.736901	0.803356
AC084018.1__lincRN	2.14335	2.20947	0	1.25521	6.83744	2.91742	2.25273	33.5452	1.08721	-1.3388	-3.08302	-1.74422	0.306517	0.400967	0.442346
AC084149.1__lincRN	0	0	0	0	0	0	0.10414	0.820977	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.354585	0.354585
AC084149.2__lincRN	0	0	0	0	1.38849	4.21569	0	0	0.207717	#NUM!	#NUM!	4.753812	0.271014	0.42265	0.265466
AC084193.1__lincRN	0	0	4.22927	6.06775	11.7405	471.812	0.970427	0	0.338025	-6.85511	1.692548	8.547658	0.4009	0.579512	0.402251
AC084219.4__antise	0	0	3.05094	4.22554	0	4.33007	2.87531	0	0	-1.48762	0.085536	1.573153	0.280137	0.975813	0.276954
AC087073.1__lincRN	0	0	0	0	0.254824	4.18214	0.058897	0	0	#NUM!	#NUM!	6.235235	0.388605	0.42265	0.39678
AC087294.2__antise	3.89257	1.81205	2.80659	11.1082	4.61538	23.1152	0.714915	2.82851	1.82217	-2.19006	0.665626	2.855688	0.194364	0.477897	0.186676
AC087430.1__lincRN	0	0	0.039343	0	0.101005	0.052776	0.053983	0.017192	0.008564	-1.96671	-1.01921	0.947498	0.351575	0.638256	0.608026
AC090044.1__lincRN	0.022023	0.724535	0.051477	0.087967	26.8686	13.3066	0.986793	0.048206	0.064039	-5.65687	-0.46172	5.195148	0.222676	0.852511	0.244397
AC090044.2__lincRN	0.079049	0.093324	0.23593	0.308468	0	10.4465	0	0	0.254418	-4.71922	0.682438	5.401659	0.415126	0.281724	0.405448

AC090505.1__lincRN	0	0	0	0	0	2.89098	0.831448	0	0	#NUM!	#NUM!	1.797861	0.42265	0.42265	0.604719
AC090505.6__lincRN	0.015943	0.018799	0.983497	0.445321	53.505	67.7388	0.804952	2.66932	0.034765	-6.90098	-1.785	5.115981	0.185542	0.508132	0.194107
AC090587.5__antise	0.072862	0	0	0.474819	0.380751	43.0168	0.35273	0	0.078277	-9.23393	-2.56448	6.669457	0.412193	0.288475	0.415914
AC090627.1__antise	4.68351	2.07092	1.79574	8.81557	10.6907	3.09261	1.69403	0	5.0605	-1.40223	0.340098	1.742324	0.159181	0.78787	0.296078
AC090939.1__proce	0	0	1.22688	1.10966	1.90809	10.7446	0	0	0	-3.48766	#DIV/0!	#DIV/0!	0.259251	0.42265	0.275621
AC091199.1__lincRN	0.083542	0	0.166154	0	0.97241	25.9589	1.85599	0	0	-6.75297	-2.89394	3.859024	0.40318	0.479056	0.444109
AC091814.2__lincRN	0.699005	0	0	0.220684	10.9934	95.9374	0	0	0.353013	-7.26013	0.985581	8.245715	0.363543	0.744909	0.359141
AC091814.3__lincRN	0	0	0	0.061178	0	0.033343	0.064939	0	0	#NUM!	#NUM!	0.541544	0.216758	0.42265	0.491008
AC091878.1__antise	6.92561	1.55379	1.76746	0.85197	3.75238	67.6526	1.70107	2.97092	2.46282	-2.81795	0.522235	3.340189	0.4592	0.670794	0.423339
AC092159.2__antise	7.46511	3.52559	3.79777	1.65192	2.21933	26.7727	3.12486	3.62234	2.70232	-1.05113	0.64616	1.697289	0.614317	0.311555	0.493438
AC092162.1__lincRN	1.39391	0	0.333822	0.09054	35.3643	208.562	0.133519	0.615806	0.121323	-7.14196	0.988718	8.130675	0.337706	0.651225	0.335688
AC092168.3__lincRN	0	0	0.665369	0	0.629463	0.967422	0.323634	0	0	-1.26303	1.039791	2.302825	0.229699	0.733342	0.38674
AC092168.4__lincRN	0	0	0	0	0	0.918796	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC092295.4__antise	0	0	0	0	5.10683	80.8629	0.856555	0	0	#NUM!	#NUM!	6.649139	0.387408	0.42265	0.393545
AC092295.7__antise	1.90124	2.87188	2.15362	1.42306	31.0887	31.5457	1.47799	3.54996	3.48135	-3.20912	-0.29686	2.912254	0.190505	0.410436	0.184347
AC092299.6__pseud	0.039259	0.067013	0.217566	0.517808	0.315661	0.347008	0.214764	0.063043	0.202397	-1.86602	-0.56837	1.29765	0.108234	0.487651	0.037821
AC092338.5__pseud	2.8677	13.775	1.23334	21.8519	20.5323	6.90736	14.6339	11.8882	8.98756	-1.46331	-0.99018	0.473129	0.133597	0.283916	0.305185
AC092484.1__lincRN	0.040516	0	0	0	77.8625	4.11632	0	0	0	-10.9826	#DIV/0!	#DIV/0!	0.393275	0.42265	0.392975
AC092570.2__lincRN	0	0	0.736755	0	0	3.03739	0	0	0	-2.04358	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
AC092573.2__pseud	18.226	27.669	12.9421	13.2146	8.48478	5.61291	13.4606	8.88774	5.28234	1.107176	1.090455	-0.01672	0.138999	0.135271	0.681053
AC092580.3__lincRN	0	0	0.170713	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
AC092580.4__lincRN	2.50596	0.660599	0.544784	2.73698	0.753542	1554.35	0	10.7803	1.14883	-8.71339	-1.68448	7.028915	0.422529	0.545666	0.425372
AC092594.1__lincRN	3.07736	12.0467	3.78245	41.955	136.332	478.105	2.85081	63.8271	5.81526	-5.1176	-1.93896	3.178641	0.251735	0.402976	0.296829
AC092619.1__lincRN	0.904202	0.071934	0.278251	0.081008	9.28457	12.3513	0.025892	0	0.036973	-4.11376	4.318596	8.432358	0.223213	0.247085	0.189362
AC092620.3__lincRN	0.052075	0.719923	0	0	0	0	0.050643	0	0.056209	#DIV/0!	2.852985	#NUM!	0.382501	0.468198	0.184609
AC092625.1__lincRN	0	0	0	0	0.230714	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC092660.1__lincRN	0	0	0	0	0.882035	2.52687	0.353108	0	0	#NUM!	#NUM!	3.271127	0.264631	0.42265	0.346467
AC092661.1__lincRN	0.054421	0.11979	0.076284	0	26.8237	131.998	0.09963	0	0	-9.30841	1.330127	10.63854	0.319815	0.415579	0.319666
AC092667.2__antise	0	0	0	0	0.498909	2.17057	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.30799	#DIV/0!	0.30799
AC092669.6__lincRN	0	0	0	0	0	0	0.340033	0.039911	0.052967	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.278545	0.278545
AC092687.3__lincRN	0	0	0.554552	0	0.252912	1.85369	0	0	0	-1.92552	#DIV/0!	#DIV/0!	0.322963	0.42265	0.349901
AC092755.4__sense	21.3746	24.6331	1.49316	26.387	8.32964	97.1185	21.8355	13.5086	9.08716	-1.47271	0.096379	1.569088	0.498733	0.868502	0.428515
AC092839.3__antise	0.293174	0.276793	0.876726	0.767732	0.061614	12.0881	0.569432	0.698891	0.884737	-3.15849	-0.57363	2.58486	0.409929	0.191679	0.446254
AC093162.5__pseud	21.145	5.70474	11.2345	3.57397	4.26859	12.2339	0	9.88219	8.37929	0.923689	1.06039	0.136701	0.411211	0.473614	0.863744
AC093326.2__lincRN	0	0	0	0	0	6.38715	0	0.058665	0	#NUM!	#NUM!	6.766536	0.42265	0.42265	0.427977

AC093326.3__lincRN	0.063074	0.024796	1.05648	0	1.21742	23.0318	0.349914	0.171296	0.159982	-4.40534	0.748396	5.153733	0.393868	0.71929	0.405766
AC093375.1__lincRN	5.14977	4.60722	18.1245	4.95189	2.21933	11.4514	59.5714	14.5596	67.814	0.582252	-2.34795	-2.9302	0.24606	0.114413	0.103837
AC093381.2__lincRN	0	0	0.214262	0.093534	1.39027	4.85065	0.351907	0	0	-4.88577	-0.71582	4.169954	0.270128	0.807115	0.316382
AC093388.3__antise	1.0854	2.00092	1.3399	1.79973	56.1082	8.12688	1.45016	0	0.984925	-3.89908	0.862103	4.761183	0.347775	0.443204	0.350813
AC093390.1__antise	0	0.060619	0.111573	0.148251	0.425366	6.05509	0.100932	0.056253	0.112088	-5.26664	-0.64505	4.621584	0.374189	0.445204	0.383402
AC093391.2__antise	0.656001	0	2.913	0.352051	2.23306	61.315	0.593764	0.43752	0.646903	-4.16223	1.088617	5.250843	0.404023	0.527171	0.408127
AC093415.2__proce	10.0792	5.41315	5.7614	6.55497	122.616	41.6074	16.4439	11.2611	9.3013	-3.00634	-0.80005	2.206282	0.295928	0.026277	0.336298
AC093590.1__lincRN	0	0	0.052183	0	38.6024	108.569	0.367389	0	0.04257	-11.4616	-2.97383	8.487803	0.262541	0.43795	0.264396
AC093639.1__lincRN	0	0	0	0	3.37373	6.54534	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.222292	#DIV/0!	0.222292
AC093642.5__pseud	5.67611	19.3067	14.8472	12.6718	2.53797	39.7821	13.4737	1.9002	8.05022	-0.46536	0.765861	1.231223	0.716273	0.532207	0.425935
AC093642.6__lincRN	0	0	0.247742	0	3.94456	162.996	0.059661	0	0.311785	-9.39628	-0.58431	8.811967	0.40883	0.184015	0.409036
AC093690.1__antise	0	0	0.014255	0	0.01522	8.73827	0	0.046689	0	-9.26228	-1.71166	7.55062	0.421643	0.6164	0.424733
AC093702.1__lincRN	0	0	0.247725	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
AC093818.1__antise	44.8972	73.2903	42.2776	30.3236	65.3479	153.5	128.354	57.0398	102.135	-0.63488	-0.84145	-0.20657	0.544572	0.294483	0.800461
AC093838.4__pseud	12.5241	6.7307	6.2722	5.63422	3.36165	19.1934	2.9433	7.06241	5.90464	-0.14312	0.682058	0.825181	0.897706	0.421262	0.495588
AC093843.1__lincRN	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AC093901.1__lincRN	0.914777	3.367	2.31293	1.85198	4.914	26.6948	1.4299	1.20668	0.676919	-2.34309	0.992953	3.336044	0.365568	0.313227	0.337791
AC093911.1__lincRN	0	0	0.68119	0	0	44.6309	2.7174	0	0	-6.03384	-1.9961	4.037744	0.42265	0.580362	0.458805
AC096554.1__lincRN	0	0	0	0.472412	386.031	4.10098	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.415843	#DIV/0!	0.415843
AC096559.1__lincRN	0.471869	0.584415	1.42164	1.67224	60.4742	200.477	1.99605	0.430887	5.75264	-6.72772	-1.72289	5.004826	0.277468	0.283436	0.279079
AC096559.2__lincRN	0	0	0	2.00032	3.99559	3.32817	0.945873	0	0	#NUM!	#NUM!	3.301243	0.033804	0.42265	0.088355
AC096574.4__proce	1.34364	1.85331	3.04358	0.452533	2.86205	8.50397	0.28973	3.42926	1.65797	-0.92131	0.214878	1.136191	0.427353	0.787679	0.458762
AC096574.5__lincRN	0	0.034425	0.16073	0.058164	5.96595	1.83811	0.200333	0.12762	0.06356	-5.33224	-1.00444	4.327806	0.281913	0.530323	0.293346
AC096579.13__proc	0.156538	0.458815	1.66746	0.38132	0.12241	2.62776	0.827518	0.251745	1.15578	-0.45604	0.03051	0.486547	0.529789	0.968257	0.664692
AC096655.2__lincRN	0	0	0	0.116809	0	1.27813	0.038058	0	0.021129	#NUM!	#NUM!	4.558788	0.3725	0.214982	0.387679
AC096669.1__lincRN	0	0	0.385782	0	1.68641	12.5965	0.537136	0.239713	0.119228	-5.21036	-1.21584	3.994523	0.349091	0.543776	0.385246
AC096669.2__lincRN	0	0	1.19498	0	3.66293	19.0677	1.33736	0	0	-4.24958	-0.1624	4.087178	0.31849	0.954165	0.365369
AC096669.3__lincRN	0	0	0.900659	0	1.81238	0.96057	1.23493	0	0.195321	-1.62237	-0.66722	0.955153	0.40389	0.785004	0.666261
AC096670.3__antise	0.067824	0.034275	1.04125	0.077345	1.89204	0.228279	0.745683	0	2.61233	-0.94271	-1.55434	-0.61164	0.69983	0.25288	0.785012
AC097374.2__pseud	1.64174	0.167452	1.70927	2.29372	25.8072	33.5007	1.08029	0.123977	0.073249	-4.12995	1.461603	5.591555	0.179036	0.25223	0.174145
AC097467.2__antise	1.2811	1.32416	0.564437	0.647249	5.86068	36.4713	0.374793	1.70249	0.596447	-3.76122	0.245491	4.006714	0.365044	0.70859	0.355677
AC097468.4__antise	0	0	0	0	6.56919	6.92982	1.22421	0	0.307634	#NUM!	#NUM!	3.139512	0.183795	0.29935	0.265582
AC097468.7__antise	0.107582	0.070478	0.624929	0.09535	12.7412	17.6396	0.361701	0.039213	0.104167	-5.24616	0.668866	5.915023	0.19244	0.703606	0.200902
AC097495.2__antise	0	0	0.258632	0	0	0	0	0	0.349262	#DIV/0!	-0.43341	#NUM!	0.42265	0.42265	0.42265
AC097495.3__lincRN	0.031979	0	13.3681	0.168945	1.29055	1.96308	0.218638	0.069664	0.277405	1.969087	4.566043	2.596955	0.498153	0.43402	0.207757

AC097499.1__lincRN	0	0	0	4.49302	11.7084	95.6924	1.04299	0	0	#NUM!	#NUM!	6.745261	0.330624	0.42265	0.336568
AC097532.2__lincRN	0	0	0.99988	0	1.61667	11.0783	3.71568	0	0	-3.66636	-1.8938	1.772559	0.338494	0.592509	0.560517
AC097533.1__pseud	3.42718	2.66485	1.73469	0.491608	0.39155	2.98111	1.57178	2.79265	2.70045	1.018213	0.147743	-0.87047	0.415877	0.790108	0.302109
AC097662.2__antise	30.7517	17.3492	15.8358	1.43998	38.9007	15.6723	0.090626	16.1925	0	0.190883	1.973267	1.782383	0.874259	0.203184	0.169644
AC097713.3__lincRN	0	0	2.16053	0	8.39147	398.421	0.04924	0.036597	0	-7.55683	4.65365	12.21049	0.410556	0.445811	0.410744
AC097721.2__lincRN	7.94801	9.88354	7.4783	17.7346	7.37393	31.9494	3.27893	6.79924	5.00341	-1.17273	0.746911	1.91964	0.30765	0.034875	0.207591
AC097724.3__antise	0	0.113768	0.865876	0	0.871538	10.6586	0.287191	0.104689	0.362715	-3.55701	0.376555	3.933563	0.379828	0.775756	0.397655
AC098617.1__antise	3.82869	1.21871	2.77713	1.13621	16.5406	106.237	1.1368	2.58618	2.19446	-3.98519	0.403031	4.38822	0.359374	0.641934	0.351029
AC098817.5__pseud	0	0	0.067788	0	0	0.450461	0.165585	0	0	-2.7323	-1.28847	1.44383	0.42265	0.684429	0.657298
AC098820.2__antise	0	0	0	0	22.2019	105.531	1.07989	0	0	#NUM!	#NUM!	6.886102	0.316155	0.42265	0.321971
AC098823.3__lincRN	0.045312	0.066789	0.351654	0.195821	0.545502	0.141123	0.839843	0.037165	0.09873	-0.92814	-1.07313	-0.14499	0.555796	0.645716	0.934439
AC098828.2__lincRN	0	0	0.649827	1.27013	10.3683	30.778	0.805532	0	0	-6.02842	-0.30989	5.718537	0.243784	0.913141	0.260361
AC098872.3__antise	0	0.106242	0.224692	0	9.04199	2.43251	0	0.146744	0.243373	-5.11574	-0.23736	4.878381	0.301019	0.233916	0.301407
AC098973.2__lincRN	0	2.10021	1.02339	9.41927	55.8989	13.0955	1.07285	0.023244	0.199451	-4.64982	1.269651	5.919475	0.222875	0.574191	0.231663
AC099344.2__lincRN	0	0	0.168599	0	4.68023	1.9679	0.757089	0	0.066048	-5.30128	-2.28754	3.013744	0.253925	0.505372	0.341648
AC099344.3__lincRN	0	0	0	0	2.25031	15.0513	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.343626	#DIV/0!	0.343626
AC099522.1__pseud	0.159185	0.569852	0.157799	0	0.398578	3.64342	0.02576	0.114868	0.486302	-2.18833	0.500363	2.688692	0.478558	0.739857	0.378005
AC099684.1__antise	0.034837	0.082167	0.215101	0.161808	0	185.81	0.102396	0	0.151601	-9.12923	0.386828	9.516057	0.422511	0.635992	0.422465
AC099754.1__lincRN	0	0	0.089447	0	0.742485	13.9309	0	0	0	-7.35796	#DIV/0!	#DIV/0!	0.392553	0.42265	0.39274
AC100830.3__antise	10.8727	5.40749	4.51094	3.47316	3.60986	3.3914	1.83785	6.95595	5.59935	0.989098	0.530586	-0.45851	0.226108	0.599839	0.477441
AC103881.1__lincRN	0	0	0	0	0	7.96327	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC103965.1__pseud	1.95954	1.6221	5.30109	3.26723	0.969799	33.9793	0.88265	1.75623	7.87012	-2.10511	-0.24255	1.862564	0.410221	0.663326	0.390124
AC104024.1__lincRN	0.040724	0.016008	0.135904	0	0.130623	0.462571	0.093176	0.059355	0	-1.62263	0.33677	1.959401	0.336554	0.847656	0.46687
AC104088.1__lincRN	0.332777	0.305341	4.08455	0	0.136577	2.61204	1.17811	0.31566	0.594696	0.780896	1.177158	0.396262	0.249715	0.576456	0.83733
AC104134.2__antise	0	0	0	0	9.45354	51.2381	0.776006	0	0	#NUM!	#NUM!	6.289286	0.327478	0.42265	0.336151
AC104135.3__lincRN	1.61129	2.50993	0	5.21834	4.74866	5.40063	0.424559	0	1.60701	-1.89875	1.020477	2.919228	0.054785	0.623908	0.005339
AC104389.16__antis	0	0	0	0	0	0	0.071464	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
AC104389.28__proc	0	0.201096	1.6152	0.429665	57.3986	27.2194	0.50988	0.151095	0.098645	-5.5492	1.25765	6.806851	0.233206	0.618885	0.231789
AC104532.4__antise	1.64806	1.10003	1.08629	2.40354	7.60411	36.728	0.565719	0.908169	19.7672	-3.60746	-2.46979	1.137666	0.316493	0.462959	0.196856
AC104623.2__antise	0	0	0	0.45345	0	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC104653.1__lincRN	0	0.102632	0.827868	1.91723	0.090361	2.12704	0.723518	0	0	-2.15168	0.362977	2.514658	0.201243	0.891781	0.193124
AC104654.1__lincRN	0.138016	0	0.975017	0.134562	2.27399	248.682	1.78189	0.095488	0	-7.81757	-0.75422	7.063345	0.417382	0.769398	0.421451
AC104655.2__antise	0.062808	0.111131	0.858351	0.124453	1.25007	2.27266	1.95806	0	0	-1.82093	-0.92358	0.897358	0.16909	0.743467	0.692985
AC104655.3__lincRN	0.075217	0	0.524008	0.056262	0.078541	1.05065	0.145579	0	0	-0.98427	2.041295	3.025564	0.364759	0.504621	0.432198
AC104695.3__antise	0.030958	0.12557	0.505638	0.176068	32.2424	10.3263	0.312299	0.05804	0.144473	-6.01241	0.363148	6.375559	0.276571	0.81616	0.277731

AC104695.4__lincRN	0	0	0.276802	0	0	43.9184	0	0	0.085722	-7.30983	1.691112	9.000939	0.42265	0.42265	0.42265
AC104777.2__lincRN	0	0	1.60181	0	0.075193	17.6396	0.211538	0	0.012759	-3.46718	2.836218	6.303398	0.419949	0.503885	0.427162
AC104777.4__lincRN	0	0	3.5711	0	67.5734	0	0	0	0.070826	-4.24202	5.655956	9.897971	0.453923	0.42265	0.423255
AC104782.3__lincRN	0	0.172919	1.22201	0.025012	3.13888	3.59403	0.083021	0.020565	0.092197	-2.27639	2.832861	5.109249	0.184727	0.39432	0.192075
AC104801.1__lincRN	0.025855	0.106709	0.311456	0.068723	2.10436	0.915458	0.076068	0.070666	0.084471	-2.79823	0.941454	3.739684	0.268559	0.477709	0.249096
AC104809.2__antise	0.03806	0.119681	0.177834	0.067449	1.4625	0.15795	0.09954	0	0.055268	-2.33052	1.116154	3.446676	0.418766	0.426576	0.396414
AC104809.4__proce	0.091939	0	0.459891	1.77095	4.85476	2.4447	0.064401	0	1.09029	-4.03887	-1.06521	2.973662	0.10692	0.448397	0.141148
AC104820.2__lincRN	7.86407	0	1.46519	32.0921	546.349	54.9303	0.844244	9.2319	0	-6.08515	-0.11111	5.974036	0.344321	0.963112	0.334606
AC105253.1__lincRN	0	0.0243	0.139248	0.027444	0.088368	0.151719	0.108204	0	0.007492	-0.70999	0.499375	1.20937	0.152118	0.839577	0.532311
AC105339.1__lincRN	0	0.027156	0.203803	0.199439	0.616065	0.411477	0.079073	0.062962	0.050177	-2.4094	0.264942	2.674345	0.122764	0.873218	0.11035
AC105344.2__lincRN	0.142228	0.090726	0.307232	0.196274	3.07124	67.7692	0.150015	0.172644	0.128015	-7.03897	0.261372	7.300337	0.397268	0.73794	0.398067
AC105393.1__lincRN	0	0	0.13724	0.257498	3.28181	53.9086	0.200318	0	0	-8.70941	-0.54559	8.163818	0.385798	0.850021	0.388023
AC105398.3__antise	0	0	0	0	0	6.62139	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC105402.4__antise	0	0.0384	39.0952	0	1.53257	220.927	0.688319	0	0.035435	-2.50706	5.756765	8.263828	0.417925	0.432345	0.42046
AC105760.2__antise	9.57627	9.65706	7.40735	3.71926	5.25401	8.79704	3.11563	9.19143	10.0831	0.584162	0.250766	-0.3334	0.313319	0.649838	0.362793
AC106053.1__lincRN	1.36947	0	0	3.41359	1.615	3.56664	0	0	0	-2.64992	#DIV/0!	#DIV/0!	0.055458	0.42265	0.044651
AC106706.1__lincRN	0	0	0.404774	0	1.10616	8.23814	0	0	0	-4.5289	#DIV/0!	#DIV/0!	0.347594	0.42265	0.350952
AC106869.2__lincRN	0	0	0.754819	2.12546	4.51173	24.5301	1.24485	0	0	-5.36776	-0.72177	4.645989	0.277206	0.805663	0.307783
AC107057.1__lincRN	1.23985	0	0	0.201959	4.34593	4.0963	0	0	0	-2.80157	#DIV/0!	#DIV/0!	0.294767	0.42265	0.164813
AC107057.2__antise	0	0	2.11527	4.07164	5.99339	48.3233	1.22969	0.019038	0	-4.78677	0.760382	5.547149	0.305379	0.79553	0.323625
AC107070.1__lincRN	0	0	0.18781	0.065724	0.253748	2.95439	0.181858	0	0	-4.12365	0.046461	4.170109	0.358851	0.986855	0.398435
AC107218.3__antise	0	0	0.657204	0	13.3016	131.998	0.843143	0	0	-7.78847	-0.35944	7.429038	0.367414	0.899579	0.371354
AC107399.2__lincRN	0.879093	5.59247	4.86968	0.547119	6.97594	2.48342	0.597337	3.44716	5.15994	0.180644	0.301177	0.120533	0.722617	0.434897	0.895455
AC107622.1__lincRN	0.073597	0.052074	0.336696	0.039102	1.91461	10.6637	0.891315	0.442382	0.393636	-4.77024	-1.90144	2.868798	0.331243	0.195567	0.396024
AC108004.2__lincRN	0	0	0	0	6.01744	12.5966	0.380679	0	0.093903	#NUM!	#NUM!	5.293591	0.230175	0.30118	0.245508
AC108004.3__antise	0.543617	0.310827	1.05522	0.360819	9.90407	54.7378	1.46561	2.12667	0.268884	-5.08911	-1.01572	4.073392	0.332027	0.483886	0.358559
AC108051.1__lincRN	0	0.978867	0	0	5.19059	3.23948	0	0	0	-3.10636	#DIV/0!	#DIV/0!	0.190366	0.42265	0.204531
AC108051.2__lincRN	0	0.325342	0.20586	0	3.57382	0	0	0	0	-2.75013	#DIV/0!	#DIV/0!	0.46032	0.203406	0.42265
AC108051.3__lincRN	0	2.17198	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
AC108056.1__lincRN	0	0.190425	0	0.209695	3.34679	0	0.077955	0	0	-4.22316	1.288515	5.511672	0.385647	0.68442	0.400388
AC108066.1__lincRN	0	0.034003	0	0	0.842483	24.1474	0.779026	0.4012	0.052382	-9.52145	-5.17989	4.341559	0.403654	0.197962	0.431135
AC108142.1__antise	0.054526	0.207124	0.97742	0.368265	9.86213	73.2715	0	0.201331	0.131613	-6.07448	1.895906	7.970386	0.348826	0.382771	0.349144
AC108448.3__antise	0	0	0	14.2207	3.01238	4.01022	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.186644	#DIV/0!	0.186644
AC108488.3__antise	2.17806	0	0	0.748091	1.03254	2.31335	1.98226	1.26412	0	-0.91046	-0.57579	0.334673	0.619752	0.517825	0.814085
AC108868.5__lincRN	0	0	0.758537	0	2.37433	0.965203	1.00484	0	0.14641	-2.13835	-0.60191	1.536445	0.37476	0.807299	0.532954

AC108868.6__lincRN	0	0.179523	0	0	0.882463	0	0.294278	0	0.151125	-2.29737	-1.31094	0.986425	0.42265	0.592159	0.73225
AC109309.4__antise	0	0	1.27564	0.248073	0.438701	3.81626	0.071132	0.026438	0	-1.81968	3.708637	5.528313	0.2806	0.467751	0.338069
AC109589.1__lincRN	0	0	0.499521	0	0	8.96811	0	0	0.160256	-4.16619	1.640167	5.806354	0.42265	0.42265	0.42265
AC109826.1__lincRN	0.320953	0.095102	1.39372	0.227374	3.13665	1.16414	0.643996	0.17607	0.445648	-1.32312	0.515859	1.838975	0.485698	0.687407	0.387429
AC109828.1__antise	0	0	0	0	5.59297	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC112198.1__pseud	0.137353	0.093855	0.325939	0.045317	10.6731	4.20441	0.654987	0.186922	0.213199	-4.74332	-0.92126	3.822058	0.263941	0.4655	0.28746
AC112229.7__lincRN	11.8518	52.0234	29.7365	10.3291	2.60447	5.71602	12.3393	6.78604	6.01937	2.327545	1.896434	-0.43111	0.212651	0.226126	0.193482
AC112518.3__lincRN	0.064753	0	0	0	1.97075	0	0	0	0	-4.92766	#DIV/0!	#DIV/0!	0.441921	0.42265	0.42265
AC113167.1__lincRN	0	0	0.315991	0	4.97087	0.059376	0	0	0.204866	-3.99267	0.625203	4.617876	0.453183	0.42265	0.439788
AC113167.2__lincRN	0	0	0	0.256763	0	1.96347	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.352661	#DIV/0!	0.352661
AC113607.1__lincRN	0.060874	0.047827	0.416308	1.4531	2.51285	12.3699	0.158833	0.07676	0	-4.95955	1.156046	6.1156	0.256903	0.610189	0.266556
AC113607.2__lincRN	0	0	0.59065	0	0	37.2812	0	0	0	-5.98	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
AC113607.3__antise	0	0	0.730347	0	2.17354	6.91815	0.182564	0	0	-3.63789	2.00018	5.638074	0.263938	0.579895	0.290903
AC113608.1__lincRN	0	0.096046	0.404581	0	2.16332	28.7267	0	0	0	-5.94726	#DIV/0!	#DIV/0!	0.382152	0.304907	0.380924
AC114730.2__antise	0	0	0.325545	0	2.84369	0.733559	0.126765	0.07073	0	-3.45792	0.721045	4.178966	0.346504	0.79259	0.320376
AC114730.3__antise	0	0	0	0	0	0	0.177959	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
AC114776.3__lincRN	0.013141	0	0.151401	0.043754	92.1606	0.378614	0.129053	0.014385	0.042997	-9.13615	-0.18021	8.955936	0.421036	0.920684	0.421085
AC114788.2__lincRN	0	0	0.10913	0.077781	10.1008	0.296401	0.073756	0	0.027303	-6.58476	0.110847	6.695603	0.407619	0.957701	0.407249
AC114812.5__pseud	0	0	0.146005	0	0.396014	0.122934	0	0.039764	0	-1.82957	1.876476	3.706048	0.457205	0.594654	0.265898
AC114813.1__lincRN	0	0	0	0	2.27818	0.913257	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.24928	#DIV/0!	0.24928
AC114814.3__lincRN	0	0	0	0	2.67151	21.9843	0.104564	0	0	#NUM!	#NUM!	7.881398	0.357219	0.42265	0.359952
AC114814.4__lincRN	0	0	0.101806	0	0	1.12592	0	0	0	-3.46721	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
AC116609.1__lincRN	0	0.268967	0	0	0	5.14725	0	0	0	-4.2583	#DIV/0!	#DIV/0!	0.453564	0.42265	0.42265
AC116609.3__lincRN	0.383687	0.061783	0	0.154129	12.0587	0.423809	0	0.02856	0	-4.82614	3.963287	8.789426	0.413774	0.374995	0.395338
AC118345.1__lincRN	0	0	0	0	0	2.10271	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC118653.2__lincRN	0	0	0	0	0.140207	1.16158	0.466579	0	0.103511	#NUM!	#NUM!	1.191232	0.357624	0.311308	0.637338
AC122136.2__lincRN	0	0	0	0	3.60362	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC124057.5__antise	2.96657	1.05477	2.22574	0.814478	0.534696	0.915378	0.735977	2.19016	2.31671	1.463956	0.252832	-1.21112	0.106281	0.768507	0.207726
AC124861.1__lincRN	0	0	3.2658	1.81544	14.7479	37.9507	0	0	0	-4.06112	#DIV/0!	#DIV/0!	0.21587	0.42265	0.227753
AC124997.1__lincRN	0.535584	0	10.827	2.97046	16.2527	337.008	2.25855	0.31535	0.01296	-4.97045	2.135017	7.105468	0.390345	0.537501	0.394803
AC128709.3__lincRN	0	0	0	0	7.99012	0.692899	0.224974	0.439278	0.290036	#NUM!	#NUM!	3.1857	0.374928	0.037544	0.410148
AC128709.4__lincRN	0	0	0.827486	0	3.8902	1.70709	0	0	0	-2.75792	#DIV/0!	#DIV/0!	0.309536	0.42265	0.239315
AC129929.5__proce	34.4627	13.3859	24.9406	19.2318	14.4124	13.9619	8.66779	24.6446	33.9396	0.612578	0.114147	-0.49843	0.226762	0.891808	0.542774
AC131097.3__antise	0.581073	0.792921	3.36476	7.02148	8.37634	404.41	0.666275	1.02797	1.7968	-6.46908	0.440849	6.909926	0.402645	0.546303	0.403172
AC131180.1__pseud	1.5812	1.67822	4.40729	2.53904	3.37045	9.57749	0.795191	2.6401	2.78776	-1.01438	0.300986	1.315362	0.182618	0.591634	0.241132

AC131180.4__pseud	0	0.180642	0	0.094859	2.9538	0.700266	0.218678	0	0	-4.37527	-0.27567	4.099597	0.280116	0.922578	0.329145
AC133785.1__antise	0.045568	0.012286	0	0.361164	5.25333	1.92897	0.204477	0.211212	0.181659	-7.02665	-3.36807	3.658584	0.227372	0.004127	0.248802
AC136289.1__pseud	1.10253	1.34073	0.934573	1.49592	13.3016	27.1076	3.6498	0	0.780998	-3.63296	-0.39147	3.241488	0.227091	0.789108	0.268435
AC137932.6__antise	0	0	0.131686	0.069703	0.168134	40.2585	0.077269	0	0.08579	-8.26455	-0.3083	7.956249	0.419234	0.798452	0.420347
AC138430.4__proce	0.271077	0.01998	1.4747	1.68554	4.98793	4.08401	1.5628	0.227616	0.136007	-2.60698	-0.12564	2.481344	0.10293	0.950444	0.175737
AC138655.6__antise	0.030089	15.6379	0.060239	93.7852	0	6.42067	4.87071	0	0.163762	-2.67154	1.643444	4.314983	0.488015	0.622851	0.383546
AC139099.5__lincRN	0	0.083754	0.256182	0	0.606888	0.769516	0.847356	0	0.195922	-2.01757	-1.61779	0.39978	0.18354	0.524288	0.838334
AC139100.3__antise	0	0	0	2.03438	4.27104	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.230482	#DIV/0!	0.230482
AC139712.4__lincRN	0	0	0	0	0.533709	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AC140481.1__pseud	0.181771	0.19091	0.291476	0.057774	0.195239	106.237	0.2001	0.164525	0	-7.32498	0.865111	8.190089	0.423302	0.410264	0.423257
AC140481.8__antise	0.023169	0.865034	0.065006	0.043228	14.2549	7.8471	0.059184	0.045669	0.025281	-4.53806	2.8728	7.410858	0.209973	0.421273	0.216366
AC141928.1__lincRN	0.105518	0.112734	0.044702	0.042448	0.191357	13.181	0.0313	0.083731	0.111234	-5.67287	0.216798	5.889671	0.421983	0.795945	0.417423
AC142293.3__antise	6.72978	2.65921	21.8235	13.0027	6.70575	6.7358	13.0505	8.25486	1.68908	0.239169	0.440838	0.201669	0.836459	0.782677	0.622728
AC144449.1__antise	33.7078	21.0107	21.9693	12.6718	20.6903	337.008	15.6841	22.7194	23.2706	-2.2719	0.314332	2.586231	0.462984	0.522447	0.431965
AC144450.1__antise	0.220891	0	2.02457	0.343271	10.2139	95.9374	0.498948	0.020369	2.33571	-5.56762	-0.34649	5.221132	0.362863	0.157609	0.364493
AC144521.1__proce	10.7189	65.6429	25.0835	24.5074	501.956	143.906	19.0334	67.5533	39.3297	-2.72425	-0.31176	2.41249	0.273964	0.149162	0.296537
AC144525.1__lincRN	0	0	0.124154	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
AC144833.1__sense	0.021236	0	0.063821	0	3.34745	24.6294	0.020852	0	0.015438	-8.3616	1.22883	9.590426	0.350478	0.418092	0.350599
AC144836.1__lincRN	0	0.028422	1.2872	0.064086	1.70493	2.53386	1.43542	0	0.07942	-1.70956	-0.20342	1.506135	0.174869	0.938695	0.510455
AC159540.1__lincRN	13.2336	12.4781	65.9872	0	15.5768	0	0	0	68.6371	2.557506	0.417916	-2.13959	0.347669	0.275616	0.564744
AC159540.3__lincRN	0	0	0.101438	0.04432	0.017775	2.45097	0	0.073445	0	-4.63078	0.465864	5.096642	0.407513	0.870948	0.425565
AC226119.5__proce	0.736712	0.442632	3.48101	0.507906	3.79871	7.44449	1.46128	0.404912	0.795377	-1.33429	0.808163	2.142448	0.2125	0.585178	0.302685
ACTBP2__pseudoge	290.434	495.707	33.6004	134.413	463.238	50.0182	0.474878	205.794	461.437	0.339912	0.295956	-0.04396	0.379891	0.851876	0.977023
ACTN1-AS1__antise	0	0	0.186644	0	0.296132	13.5541	0	0.203125	0	-6.21348	-0.12208	6.091399	0.410004	0.965506	0.418702
ACTN3__polymorphi	5.20376	1.21343	0.837047	0.773437	1.29247	6.72608	1.39856	1.82763	2.60065	-0.27737	0.31611	0.593476	0.879533	0.805578	0.593047
ACVR2B-AS1__antis	0.129439	0.19426	0	14.3339	0.588987	14.7858	1.68022	0.165329	0	-6.52009	-2.51133	4.008763	0.172706	0.433519	0.173584
AD000090.2__antise	20.0582	15.7914	19.5581	9.57199	6.81273	8.21903	21.7347	17.9077	17.652	1.171208	-0.04831	-1.21952	0.004486	0.670406	0.00527
ADAM1A__pseudoge	0.7561	1.75545	0.529012	0.88173	1.02192	3.81798	1.10036	1.16691	1.68586	-0.91209	-0.37866	0.533431	0.540966	0.607641	0.524698
ADAM6__lincRNA	0	0.038785	0.181046	0	6.23776	2.64909	0.096688	0	0.08947	-5.33721	0.239864	5.577071	0.250039	0.85984	0.255049
ADAMTS9-AS1__an	0	0	0.077986	17.2401	2.63495	4.13205	0	0	0	-8.26603	#DIV/0!	#DIV/0!	0.228414	0.42265	0.226668
ADAMTS9-AS2__an	3.95363	2.96188	2.94995	3.07067	1342.87	337.008	2.20938	1.78853	1.16755	-7.41439	0.933489	8.347879	0.300501	0.015441	0.299332
ADARB2-AS1__antis	0	0	0.309351	3.5395	2.69127	15.6394	0	0	0.120404	-6.14358	1.361361	7.504937	0.220133	0.42265	0.222146
ADORA2A-AS1__an	5.75734	0.312685	0.981309	0.337249	188.323	95.6924	1.39856	0.510168	0.452152	-5.33364	1.578572	6.912213	0.239749	0.383868	0.226873
ADPGK-AS1__antise	0	0	0	0	0	7.35041	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AE000661.37__proci	2.96468	0.054667	0.221786	0.360616	9.58815	222.268	0.297809	4.37037	0.861583	-6.16283	-0.77072	5.392111	0.405221	0.741592	0.409044

AF064858.11__lincR	0	0	1.81869	0	2.2172	2.66883	3.23313	0.796969	1.82767	-1.42576	-1.68745	-0.26169	0.254219	0.299694	0.84545
AF064858.6__lincRN	0.531084	0.9561	1.19498	5.12057	49.9894	126.717	2.46155	0.945418	0	-6.08302	-0.34509	5.737934	0.232933	0.815688	0.242026
AF064858.7__lincRN	0	0.022647	0.134505	0	0.163895	3.88643	0.150458	0	0.06265	-4.6878	-0.43942	4.248384	0.401338	0.808008	0.421599
AF064860.5__sense	1.39226	0.198754	3.10032	38.9127	4.58531	200.636	3.28964	10.7921	3.51938	-5.70153	-1.9076	3.793934	0.312622	0.307947	0.34738
AF124730.4__antise	0.352031	0	0.782031	0	49.9894	0	0.66498	0	0	-5.46205	0.770117	6.232167	0.435831	0.678479	0.43038
AF127577.12__lincR	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AF127577.8__antise	1.5058	2.8145	2.79921	0.97461	12.0936	15.6394	0.537126	2.63292	0	-2.01158	1.167274	3.178858	0.213684	0.231637	0.193584
AF127936.5__lincRN	0	0	0	0	0	0	0.049297	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
AF127936.7__lincRN	1.07885	1.37357	3.20756	0.812218	5.56069	41.9272	0.358535	1.45889	2.60192	-3.09316	0.356964	3.450122	0.367891	0.241992	0.359287
AF131217.1__lincRN	1.58307	0.084686	0.451393	2.34612	25.6035	99.0029	1.58263	0.696002	0.268569	-5.90466	-0.26543	5.639232	0.29205	0.612682	0.294656
AF146191.4__lincRN	22.9648	13.1355	10.7432	23.6556	152.22	66.7925	10.3304	14.4627	7.95134	-2.37306	0.516599	2.889663	0.246045	0.374179	0.194095
AF212831.2__lincRN	0	0	0	0	0	1.51397	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AF241725.4__lincRN	0	0	0.179467	0.078553	7.45875	1.59863	0	0	0	-5.66976	#DIV/0!	#DIV/0!	0.318973	0.42265	0.308567
AF241725.6__lincRN	0	0	0	0	0	3.98535	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AFAP1-AS1__antise	7.32573	0	0.364538	0	0	142.556	1.535	0	0	-4.21235	2.324795	6.537146	0.45312	0.387517	0.4289
AFG3L1P__pseudog	2.60943	2.89178	4.20722	5.63422	45.7629	13.737	1.91854	3.80157	6.28687	-2.7461	-0.30656	2.43954	0.273083	0.440707	0.282994
AHCTF1P1__pseudc	13.4904	9.25208	8.25364	8.23172	4.00132	40.1316	4.93134	6.96761	7.13303	-0.75651	0.703662	1.460167	0.623095	0.226422	0.422007
AJ003147.9__antise	2.19104	2.8276	3.25957	1.6528	10.4822	46.0483	1.13784	1.76136	2.71308	-2.81321	0.560732	3.373946	0.337202	0.035137	0.313414
AJ006995.3__lincRN	0	0	0.584621	0	0.136696	61.315	0	0	0	-6.71581	#DIV/0!	#DIV/0!	0.421352	0.42265	0.421364
AJ009632.3__lincRN	0	0	0.113345	0.030023	0	0.151243	0.044358	0	0.073878	-0.67739	-0.06094	0.616446	0.188937	0.952445	0.537497
AJ239322.1__lincRN	0	0	0	0	0	40.1316	0.062803	0	0	#NUM!	#NUM!	9.319696	0.42265	0.42265	0.423554
AL022344.4__lincRN	0	0	0.145184	0.032036	0.206093	3.02753	0.934817	0	0.131404	-4.49142	-2.87655	1.614868	0.376581	0.431222	0.582365
AL022344.7__lincRN	0	0.120779	0.068201	0	5.52814	11.3824	0.099954	0.14863	0.221929	-6.48355	-1.316	5.167545	0.230125	0.123611	0.233909
AL022476.2__antise	0	0	0	0	2.55692	5.95031	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.24161	#DIV/0!	0.24161
AL034548.1__pseud	4.42643	5.08115	2.49947	3.26278	4.05395	3.7019	1.56981	3.28983	2.91709	0.123937	0.626646	0.502709	0.709353	0.281141	0.071765
AL035610.1__proces	0	0	0.530769	0	1.68374	32.9764	1.54803	0.094837	0.154891	-6.02905	-1.76004	4.269007	0.393505	0.54162	0.423247
AL035610.2__lincRN	0.032187	0.053131	0.239832	0	5.65124	16.0642	0.113795	0	0.089439	-6.06148	0.67796	6.739436	0.264261	0.607139	0.267048
AL109763.1__sense	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AL109763.2__lincRN	0	0	2.26161	0.208899	4.36096	36.4713	0.568608	0	0.228672	-4.18165	1.504192	5.685841	0.350791	0.599504	0.363531
AL132709.1__lincRN	0	0	0.403801	0.793988	1.88116	4.92906	0	0	0	-4.23508	#DIV/0!	#DIV/0!	0.162638	0.42265	0.177115
AL132709.5__lincRN	6.41453	0.780573	0.68985	1.7679	2.80309	61.3649	0.553644	6.25461	3.64392	-3.06389	-0.40663	2.657261	0.449536	0.826573	0.446139
AL132796.1__lincRN	0	0	0	0.108195	0	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AL132868.1__pseud	0	0	0	0	0	0.883709	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AL133249.1__lincRN	0	0	0.505348	0	3.45029	7.63169	2.05748	0	0	-4.45479	-2.02553	2.429265	0.228759	0.577027	0.395866
AL133493.2__lincRN	0.157992	0	0.210107	0.483622	11.6852	0.891778	0.204839	0.224156	0	-5.14898	-0.22087	4.928117	0.374187	0.886871	0.365787

AL136419.6__proces	0	0	3.85934	4.35965	10.078	21.9843	0	2.75364	0	-3.23838	0.487014	3.725396	0.112857	0.86535	0.1756
AL157359.3__lincRN	0.632853	0	0	0	0.515404	0	0	0.935556	0	0.296167	-0.56395	-0.86012	0.916918	0.845272	0.42265
AL157359.4__lincRN	0.043616	0	0	0	2.12175	11.6248	0.21247	0	0	-8.29999	-2.28432	6.015667	0.330503	0.42265	0.338855
AL157902.3__antise	0	0	1.72821	0	1.65038	0	0.419949	0.175047	0	0.06648	1.538327	1.471846	0.981196	0.633897	0.60277
AL161668.5__lincRN	0.340943	0	0.255288	0	0.747708	1.68025	0.12459	0	0	-2.0258	2.258683	4.284483	0.35709	0.186271	0.278557
AL162151.4__antise	0	0	0.199978	0	0	22.6831	0	0	0	-6.82563	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
AL163953.2__lincRN	6.82602	8.24226	1.3834	4.96605	5.07001	10.4338	1.59706	3.7885	2.50314	-0.31527	1.060375	1.375642	0.762523	0.289607	0.166176
AL163953.3__lincRN	4.41622	4.00905	2.85991	3.71145	46.0863	1554.35	3.91431	6.82873	2.65161	-7.15123	-0.24723	6.904006	0.407472	0.575875	0.408308
AL353997.3__proces	0.015467	0.047418	0.130128	0.038074	0.251782	27.9176	0.175031	0.050765	0.032031	-7.19123	-0.4177	6.773529	0.41795	0.800251	0.421345
AL450992.2__antise	1.30616	0.231311	1.07473	5.61629	12.0318	3.74901	1.08145	1.68508	1.82733	-3.03408	-0.81444	2.219636	0.155632	0.307596	0.153397
AL589743.1__lincRN	1.52508	4.37225	2.62384	1.41112	5.43575	43.3722	1.26888	2.29539	0	-2.55911	1.257445	3.816557	0.409399	0.147268	0.380578
AL592494.5__lincRN	0.644279	0	1.07091	3.69523	7.08553	15.5096	3.68475	0.451637	1.38145	-3.93809	-1.68574	2.252359	0.133282	0.289375	0.231616
AL592528.1__antise	0	0	0.168398	0.06713	0.225137	0.290379	0.074266	0.036792	0.018328	-1.79074	0.380196	2.17094	0.096505	0.868617	0.209308
AL672294.1__antise	0	0	0.540795	2.06686	1.75736	10.0734	1.43081	0	0.657633	-4.68361	-1.94927	2.734338	0.22193	0.377576	0.289748
ALDH1L1-AS2__anti	0	0	0	0	2.7028	106.237	0.914612	0	0	#NUM!	#NUM!	6.896156	0.408153	0.42265	0.413143
ALDH7A1P1__pseuc	8.19608	9.13204	7.93412	16.078	13.6958	11.3628	6.11495	5.32947	8.00609	-0.70344	0.377175	1.080615	0.058238	0.226048	0.068138
ALG1L2__pseudoge	1.62472	4.6803	1.73315	5.47678	1.90674	91.8143	3.5829	1.46744	2.51966	-3.62537	0.086574	3.711943	0.416547	0.929681	0.407705
ALKBH3-AS1__antis	0	0	0.095171	0	0.363909	6.50471	0	0	0.120726	-6.17335	-0.34314	5.830212	0.390851	0.42265	0.390728
ALOX12P2__pseudo	1.26619	2.34133	2.12389	4.30348	4.69592	148.178	1.76782	0.378244	0.98779	-4.77736	0.870952	5.648312	0.401543	0.354397	0.396117
AMER2-AS1__lincRI	0	1.46379	0.098041	0	0.656264	9.92495	0.75419	0.014868	0.08886	-2.76019	0.864328	3.624523	0.471874	0.751203	0.43214
AMZ2P1__pseudoge	0.894037	0.771228	0.641084	1.36574	0.616813	3.00766	1.60326	1.01318	1.69521	-1.11349	-0.90263	0.210861	0.359186	0.104826	0.71844
ANAPC1P1__pseudc	0	0.864402	1.15019	4.34281	2.79074	6.59296	2.03127	0	0.587793	-2.76841	-0.37856	2.389842	0.064045	0.846803	0.085677
ANKRD10-IT1__sen:	116.939	295.317	45.2318	58.9532	152.22	277.196	28.2351	184.499	579.828	-0.09424	-0.79279	-0.69855	0.936015	0.650247	0.425862
ANKRD18DP__pseu	0.137123	0	0.067164	0	0.035889	4.10178	0.087735	0	0.024357	-4.34015	0.865911	5.20606	0.437483	0.185576	0.430145
ANKRD20A11P__ps	0.103402	0.096865	0.445524	0.261284	5.4581	38.7252	0.120052	0.216701	0.128209	-6.1048	0.473955	6.578751	0.345799	0.692572	0.348122
ANKRD20A14P__ps	1.58933	0.810079	2.17305	0	4.82307	1.98725	17.6547	21.0759	1.27035	-0.57475	-3.12899	-2.55424	0.700937	0.209541	0.201805
ANKRD20A5P__pse	24.5105	12.9614	10.3625	16.1224	4.39166	49.4162	2.66177	6.28434	6.43227	-0.54787	1.637145	2.185013	0.687735	0.191673	0.301373
ANKRD26P1__pseu	0	0.049562	0.070201	0.092961	2.77941	123.222	0.128982	0.005114	0.056057	-10.0401	-0.66699	9.373121	0.409561	0.703692	0.409964
ANKRD36BP2__pse	67.2558	0.670076	2.57715	5.18468	1.21298	25.5918	1.68155	17.0823	0.906567	1.140089	1.841658	0.701569	0.664125	0.565967	0.759346
ANKRD36B__pseudi	13.9468	42.6313	10.1405	29.5897	9.40266	67.3858	52.1799	25.9126	30.4745	-0.67304	-0.70242	-0.02938	0.663341	0.479502	0.972716
ANKRD44-IT1__sen:	1.27176	0.14287	0.514529	10.7535	32.8713	17.7253	0.236682	1.05575	0.229923	-4.99102	0.341667	5.332689	0.10131	0.833328	0.086228
ANP32AP1__pseudc	5.84375	5.86778	2.04681	60.3243	1149.12	183.916	1.38335	2.71969	0.795708	-6.66212	1.489821	8.15194	0.312704	0.08675	0.310385
ANP32C__pseudoge	1.14437	0.499034	1.48918	0.522678	0.918063	1.59326	0.726172	0.486061	0.698532	0.046132	0.713203	0.667071	0.924804	0.211409	0.36057
AOC4P__pseudoger	0.296742	0.093884	0.108681	0.134597	0.278482	3.95579	0.141912	0.039551	0.015759	-3.12926	1.340108	4.469368	0.420461	0.075101	0.389832
AP000233.3__lincRN	0	0	0	0	3.06189	3.8549	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.188817	#DIV/0!	0.188817

AP000233.4__lincRN	0	0	0	0	49.9894	115.125	0.145194	0	0	#NUM!	#NUM!	10.15127	0.240467	0.42265	0.241135
AP000235.2__lincRN	0	0	0.975487	0.028844	15.6804	23.0318	0.136533	0.01186	0	-5.3116	2.716696	8.028292	0.194299	0.515238	0.200131
AP000244.1__pseud	0	0	0	0.341566	15.1409	0	0.126765	0	0	#NUM!	#NUM!	6.932335	0.409775	0.42265	0.414518
AP000253.1__lincRN	0.248369	0.031525	0	0.230907	0.212906	2.76127	0.192632	0.08128	0.261999	-3.51741	-0.93711	2.580297	0.389703	0.45746	0.384327
AP000265.1__lincRN	0.085232	0	0.119423	0	1.0583	1.32259	0.083513	0.018621	0.055641	-3.54024	0.375323	3.915558	0.21699	0.592792	0.217872
AP000266.7__antise	0	1.09791	0.698334	1.15252	0	2.53678	1.48019	0	0	-1.03836	0.279201	1.317565	0.550554	0.907411	0.501367
AP000282.2__antise	0.071476	0.099423	1.48737	0.331442	18.1443	54.898	0.790185	0.292219	0.177111	-5.46751	0.39681	5.864324	0.265572	0.847214	0.276679
AP000289.6__lincRN	0	0	1.04807	0	4.8575	0.821306	0.583996	0	0.235692	-2.43785	0.354588	2.792441	0.450201	0.86821	0.430651
AP000290.7__antise	0	0	0.644659	0	4.07764	1277.67	0.352883	0	0	-10.9573	0.869346	11.82663	0.420809	0.770783	0.42097
AP000302.58__antis	0	0	0	0	0	7.73613	0.325167	0	0	#NUM!	#NUM!	4.572359	0.42265	0.42265	0.447405
AP000318.2__lincRN	0.32113	0.765815	1.30651	4.12878	6.47835	18.3927	0.526953	0.219595	0.210394	-3.59888	1.322591	4.921469	0.165779	0.332148	0.172421
AP000320.7__proce:	274.454	6.30574	8.03073	30.6325	192.484	273.55	4.78207	13.0209	20.0831	-0.78225	2.930284	3.712538	0.70419	0.463531	0.15006
AP000330.8__antise	0.105549	0.062231	0.270097	0	6.43933	5.40063	0.133301	0.236437	0.243381	-4.75699	-0.48564	4.271353	0.195764	0.432915	0.196591
AP000343.2__lincRN	0	0	0	0.881041	0	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AP000345.1__lincRN	0	0	0.087625	0.680794	2.06327	6.18496	0	0	0	-6.67101	#DIV/0!	#DIV/0!	0.211388	0.42265	0.213608
AP000345.2__antise	0	0	0	0	2.20577	2.60063	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.186245	#DIV/0!	0.186245
AP000431.2__lincRN	0.171707	0	0	0	0.535718	0	0.082896	0.555246	0	-1.64152	-1.89393	-0.2524	0.626421	0.521084	0.305648
AP000432.2__lincRN	0	0	0	0.097702	0	1.39723	0.072597	0	0	#NUM!	#NUM!	4.364022	0.383783	0.42265	0.412371
AP000439.1__lincRN	0	0	0.112736	0.083145	0.160577	0	0.085891	0	0.068129	-1.11229	-0.45017	0.662118	0.645105	0.753727	0.703134
AP000439.3__lincRN	0.811498	3.7433	0.954805	2.4235	2.03369	6.58754	0.736261	2.30229	0.933756	-1.00334	0.471971	1.475309	0.476388	0.384975	0.308658
AP000459.4__lincRN	0.010125	0	0	0.121215	0.292217	0	0	0	0.187567	-5.3517	-4.21145	1.140244	0.25517	0.454609	0.645436
AP000459.7__lincRN	0	0	0.077768	0.205223	0.370997	0	0	0	0.084301	-2.88937	-0.11637	2.773002	0.33237	0.42265	0.342989
AP000462.1__proce:	5.08033	0	1.85268	0	0	7.70697	0.636549	0	1.8853	-0.15268	1.459	1.611682	0.942352	0.426903	0.488825
AP000462.2__lincRN	9.72743	0	1.97468	0.436267	0	0	0	0	0	4.745414	#DIV/0!	#DIV/0!	0.315238	0.31933	0.42265
AP000462.3__lincRN	0	0	0	1.98785	0	2.72974	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.193416	#DIV/0!	0.193416
AP000470.2__lincRN	0	0	0	0.400431	0.214338	5.75349	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.362941	#DIV/0!	0.362941
AP000472.2__lincRN	1.191	0	0.977336	11.242	6.43277	2.25291	0	3.01542	0.040259	-3.20011	-0.4949	2.705209	0.145643	0.848197	0.185289
AP000472.3__lincRN	0	0	0.287886	0	0.15115	31.2789	0	0	0	-6.7705	#DIV/0!	#DIV/0!	0.419841	0.42265	0.419867
AP000473.6__lincRN	0.009086	0.014615	1.37048	0.113813	1.78223	7.70697	0.0631	0	0.011936	-2.78407	4.215695	6.999764	0.279649	0.439868	0.303576
AP000474.1__lincRN	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AP000475.2__lincRN	0	0	0	0	2.75081	3.9064	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.195533	#DIV/0!	0.195533
AP000476.1__lincRN	5.42803	0.279742	0.121371	0	29.7731	116.861	0.124694	0.120167	0.167845	-4.65279	3.820097	8.472891	0.32553	0.410626	0.29884
AP000477.2__lincRN	0	0	0.263704	0	0.382877	0	0	0	0.190444	-0.53796	0.469553	1.007514	0.852002	0.42265	0.74019
AP000477.3__lincRN	0	0	0.198276	0	2.70037	0	0	0	0	-3.76758	#DIV/0!	#DIV/0!	0.466478	0.42265	0.42265
AP000479.1__lincRN	0	0.219771	0.888785	0.13122	8.78332	6.92982	0.032269	0.071943	0	-3.83722	3.411084	7.2483	0.188251	0.356837	0.183649

AP000525.9__proce:	17.1175	33.1233	1.48177	2.17648	3.49608	2.11697	0	22.1339	39.9918	2.731186	-0.2644	-2.99558	0.235714	0.862091	0.257812
AP000640.10__antis	0	0	0	0	8.12921	0.143843	0	1.26066	0.370147	#NUM!	#NUM!	2.342834	0.412526	0.283383	0.441975
AP000662.4__sense	0.212333	0.22954	0.7398	3.76973	3.58855	48.3233	0.520057	0.212594	0.230989	-5.5583	0.294265	5.852562	0.342198	0.788388	0.346205
AP000688.14__sens	17.9791	4.54624	25.3	5.63887	74.265	189.602	5.82865	12.6666	10.3131	-2.49447	0.731288	3.225758	0.28462	0.475489	0.266959
AP000696.2__lincRN	0	0.133189	0	0.186648	1.21913	0.214765	0	0	0	-3.60493	#DIV/0!	#DIV/0!	0.235057	0.42265	0.252636
AP000705.7__lincRN	0	0.113218	1.2851	0	99.0978	13.5083	0.64662	0	0	-6.33145	1.112702	7.444151	0.356245	0.699255	0.353707
AP000797.3__lincRN	0.060804	0	2.65486	0.274777	20.3366	868.728	2.36616	0.210728	0.063928	-8.35529	0.040321	8.395607	0.409113	0.987563	0.410823
AP000797.4__lincRN	0	0	0	0	2.47824	6.12724	0.535483	0	0	#NUM!	#NUM!	4.006343	0.248291	0.42265	0.297369
AP000855.4__lincRN	0	0	0	0	0	0	0.165345	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
AP000946.2__lincRN	0	0	0.829169	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
AP000959.2__lincRN	0	0	0	0.221208	2.93149	6.19807	0.196335	0	0	#NUM!	#NUM!	5.573696	0.213014	0.42265	0.229142
AP000997.1__lincRN	0	0	0	0	3.72176	0	9.31251	0.269476	0	#NUM!	#NUM!	-1.36434	0.42265	0.406192	0.659337
AP000998.2__lincRN	0	0	0.829943	0	23.3512	7.02671	0	0.185082	0	-5.19387	2.164848	7.358714	0.293877	0.562157	0.279924
AP001042.1__lincRN	0	0	0	0	1.52012	0	0	0.263295	0	#NUM!	#NUM!	2.529433	0.42265	0.42265	0.42265
AP001046.5__lincRN	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AP001046.6__lincRN	0	0	0.18172	0	0.218465	0.040075	0.051272	0	0.011388	-0.50867	1.536112	2.044782	0.829655	0.613566	0.500097
AP001056.1__lincRN	0	0.194589	1.31092	0.162885	0.857261	1.03142	0.442124	0.179325	0	-0.44647	1.276543	1.723018	0.572473	0.631086	0.347529
AP001057.1__antise	0	0	0	0	0.180233	0	0.200729	0	0	#NUM!	#NUM!	-0.15539	0.42265	0.42265	0.956135
AP001065.2__antise	0.818063	0.189438	2.57381	4.25968	6.60099	2.92893	2.29374	0.285659	0	-1.94502	0.473453	2.418474	0.191031	0.805129	0.105274
AP001092.4__antise	0	0	0	0	8.13415	165.287	0.670488	0	0	#NUM!	#NUM!	8.014853	0.394969	0.42265	0.397313
AP001171.1__lincRN	0.038772	0	0.077445	0	0.369475	0	0.226881	0	0.209882	-1.66865	-1.91002	-0.24137	0.614698	0.195546	0.919351
AP001189.4__antise	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AP001255.2__lincRN	0	0	0	0	2.64202	115.125	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.409555	#DIV/0!	0.409555
AP001258.4__lincRN	18.3421	8.5269	10.5533	9.81257	2.692	8.86111	13.1233	14.9572	20.9104	0.808603	-0.38862	-1.19722	0.114753	0.496333	0.089097
AP001347.6__antise	6.53249	19.851	2.43038	10.1281	42.4372	637.067	22.31	1.98841	0	-4.58099	0.245902	4.826894	0.399221	0.891177	0.398354
AP001372.2__lincRN	2.15209	2.59457	2.29911	6.57465	1.95978	3.50445	4.77118	7.81757	5.7248	-0.77287	-1.37808	-0.60521	0.37705	0.039514	0.444281
AP001422.3__lincRN	0	0.131268	0.419652	0	0.228955	0	0.233584	0	0	1.266779	1.237901	-0.02888	0.56858	0.632024	0.991829
AP001439.2__antise	1.56564	12.3544	2.16385	1.98831	3.32714	63.0913	1.48996	1.18661	0.638111	-2.08852	2.278674	4.367197	0.509553	0.34595	0.398627
AP001464.4__lincRN	0	2.30483	0.743062	0	3.52078	5.67939	0.879394	0	0	-1.59385	1.79323	3.387079	0.301318	0.514053	0.287217
AP001471.1__antise	0.052863	0	0.685418	0	9.91111	1.87311	0	0	0	-3.99654	#DIV/0!	#DIV/0!	0.361123	0.379963	0.325476
AP001476.2__lincRN	0	0.08564	0.127173	0	0.19376	57.7462	0.088921	0.059483	0.138233	-8.08883	-0.42964	7.659192	0.421567	0.543398	0.422197
AP001476.3__lincRN	0	0	0	0	0	4.82554	0	0.14119	0	#NUM!	#NUM!	5.094981	0.42265	0.42265	0.439782
AP001476.4__lincRN	0	0	0	0	0	2.25127	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
AP001595.1__lincRN	0	0	0.52261	0	3.29128	0.349307	0	0	0	-2.80036	#DIV/0!	#DIV/0!	0.453807	0.42265	0.364942
AP001597.1__antise	1.79747	0.660123	4.12631	2.70683	39.5351	100.469	0.168074	1.32239	1.06422	-4.43801	1.365798	5.803807	0.243529	0.341238	0.240386

AP001601.2__antise	1.98797	1.53006	2.18729	0.700216	4.58531	61.315	0.196065	0.539888	0.773633	-3.54515	1.918155	5.463309	0.406324	0.026335	0.380665
AP001604.3__lincRN	0.011356	0.01339	0	0	26.9193	14.6577	0.022281	0	0.024743	-10.7144	-0.92617	9.788194	0.217016	0.573837	0.217434
AP001610.9__lincRN	0	0	0.724417	0.777868	0	4.24549	0.61225	0	0	-2.79376	0.2427	3.036459	0.311699	0.931723	0.400583
AP001626.1__lincRN	0.071093	0	0.21344	0	5.27548	62.2177	0.150615	0	0	-7.89	0.917731	8.807732	0.376443	0.660549	0.37733
AP001626.2__antise	0.010427	0.012295	0.156636	0.083216	0.21208	61.9657	0.175163	0.011405	0.056811	-8.43934	-0.44036	7.998981	0.420107	0.808111	0.421639
AP001628.7__lincRN	0	0	0.173086	0	5.35723	2.66247	0.042233	0.141324	0.140638	-5.53399	-0.90537	4.628616	0.233119	0.422335	0.233134
AP001630.5__antise	0.09522	0	0.662083	0	2.42928	107.817	0	0	0	-7.18564	#DIV/0!	#DIV/0!	0.410226	0.346341	0.409791
AP001891.1__lincRN	0	0	0.179465	0	0.903249	1.67427	0.534237	0	0	-3.84421	-1.57378	2.270431	0.207267	0.636556	0.402981
AP002387.1__pseud	0.013837	0.032634	0.767041	0.073536	5.49439	72.3795	1.70095	0.03025	0.030132	-6.58219	-1.11443	5.467763	0.379936	0.702762	0.393911
AP002856.4__lincRN	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AP002856.5__lincRN	0	0.074863	0.695181	51.9691	3.62538	30.7991	0.523302	0.206	0	-6.80984	0.078424	6.888264	0.178325	0.973269	0.176489
AP002856.6__lincRN	0	0	0.399005	0	28.6367	4.68391	0	0	0.359131	-6.38386	0.151897	6.535761	0.343569	0.42265	0.342908
AP002856.7__lincRN	0	0	0.457893	0	0.688179	4.66118	0.382058	0.071058	0.141323	-3.54628	-0.37652	3.169766	0.336952	0.842718	0.400307
AP002954.4__antise	47.2806	25.1582	16.9433	15.1083	42.5527	56.3324	14.3023	31.067	26.6668	-0.35089	0.311266	0.662158	0.735643	0.71293	0.238756
AP003025.2__antise	0.019989	0	0.29129	0	1.78681	189.602	0.817831	0.087522	0.109002	-9.26408	-1.70428	7.559801	0.417287	0.50682	0.419993
AP003419.11__proc	10.9209	3.44251	5.72342	3.83594	2.3182	7.18468	4.31484	8.21116	5.98342	0.590619	0.11799	-0.47263	0.467832	0.888277	0.505196
AP003774.5__lincRN	0	0	0.201412	0	0	7.75174	0	0	0.072509	-5.2663	1.473916	6.740214	0.42265	0.42265	0.42265
AP003774.6__lincRN	0.066391	0	0.29854	0.175302	2.79995	35.9322	0.45379	0	0.071969	-6.73628	-0.52678	6.2095	0.377441	0.793101	0.383948
AP003900.6__lincRN	0	0	2.20314	1.68259	2.35102	3.43347	1.20655	0.018397	0.018324	-1.76098	0.82542	2.586403	0.032736	0.777964	0.136854
AP005273.1__lincRN	0	0	0.146966	0	0	1.17902	0	0	0	-3.00403	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
AP005530.1__lincRN	0.068067	4.84321	0	6.79034	11.7698	5.70027	0	0	0	-2.30443	#DIV/0!	#DIV/0!	0.003441	0.414593	0.049444
AP005901.1__pseud	0.033361	1.70869	0.935631	0.066475	4.49914	177.814	0.128493	0.28128	0.10896	-6.08982	2.36792	8.457737	0.413506	0.245593	0.409314
AP006216.10__antis	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AP006216.12__antis	917.067	0.874321	23.4415	0	7.42011	58.3635	0.966941	0	0.321224	3.838981	9.51332	5.674339	0.44917	0.407717	0.363725
AP006216.5__antise	0	0	0.583031	0	0	24.4365	0	0	0	-5.38932	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
AP006285.6__lincRN	0	0	0.18832	0.329488	0	0.265434	0.061125	0	0.135666	-1.65951	-0.06348	1.596033	0.306272	0.939376	0.22889
AP006621.8__antise	20.3254	20.1318	21.6154	15.4933	13.6625	13.0311	13.9143	31.5442	23.3921	0.557161	-0.14951	-0.70667	0.025812	0.703762	0.257275
AP006748.1__lincRN	0.416093	3.70973	0.717852	1.2559	12.6615	3.67886	1.81042	2.59876	0.702777	-1.86109	-0.07777	1.783321	0.222202	0.913122	0.31408
AP1B1P1__pseudog	0	0	1.0851	0.107649	0.441183	73.2321	0.699665	0	0.834145	-6.08735	-0.49929	5.588056	0.418269	0.651474	0.423883
AP4B1-AS1__antise	3.4964	2.448	5.22363	66.3958	46.7284	6.97397	60.2406	6.273	25.1167	-3.42677	-3.03645	0.390318	0.182626	0.228986	0.632819
APCDD1L-AS1__pro	0.359436	0.707639	1.57188	0.343537	18.1122	6.10846	0.559846	0.049136	1.0475	-3.21852	0.671844	3.890362	0.296204	0.344478	0.294998
AQP4-AS1__antisen	0.927677	0.102531	4.7186	13.8039	22.3487	637.067	0.110238	2.70165	0.082404	-6.87167	0.990052	7.861723	0.391085	0.69353	0.392859
ARAP1-AS2__antise	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
ARHGEF26-AS1__p	0	0.053671	0.091156	0.105913	4.58459	28.6779	0.056402	0	0	-7.84802	1.360495	9.20851	0.337279	0.574143	0.337765
ARHGEF7-IT1__sen	0	0.027036	0.160503	0	11.4558	61.0596	2.90462	0.025012	0	-8.59495	-3.96546	4.629496	0.326065	0.455785	0.353971

ARL5B-AS1__lincRN	1.32775	4.70729	1.00409	7.02682	1.43305	30.5268	14.4576	1.12905	0.84124	-2.46951	-1.22268	1.246834	0.39016	0.60171	0.57441
ARMC4P1__pseudo	0.027967	0	0.167311	0	6.41943	2.91478	0.244581	0.03032	0	-5.57893	-0.49339	5.085542	0.244369	0.833065	0.255655
ASB16-AS1__antise	0.622573	2.59727	0	2.50484	1.32467	3.16587	1.0132	4.27152	1.76492	-1.11941	-1.13056	-0.01115	0.440618	0.102576	0.991268
ATP11A-AS1__antis	0	182.702	0.127501	1.00647	7.45875	10.9337	10.9887	0.047247	0.080541	3.236451	4.039726	0.803275	0.462597	0.458215	0.710252
ATP1A1OS__proces	0.378783	1.16678	0.754819	1.51409	5.19606	8.24658	1.44799	1.3644	1.69696	-2.70085	-0.97105	1.729803	0.148548	0.113547	0.205127
ATP8A2P1__pseudo	0	0	0	0	663.926	53.9086	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.377818	#DIV/0!	0.377818
ATP8A2P3__pseudo	0	4.09062	0.20069	0.037669	4.01163	15.251	0.871016	0	0	-2.16913	2.300647	4.46978	0.424245	0.528387	0.326223
ATXN8OS__antisens	0.005635	0.009199	0.057706	0.028474	0.09506	0.163737	0.134682	0.00475	0.026509	-1.98557	-1.19383	0.791741	0.103799	0.594055	0.64191
AY269186.2__lincRN	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
B4GALT4-AS1__ant	7.55124	6.40817	6.23246	2.80451	54.5339	374.648	5.56754	9.30793	6.42053	-4.41914	-0.07681	4.342332	0.360158	0.818818	0.360892
BACH1-IT1__sense_	46.8051	4.29389	5.56743	7.52742	4.80344	15.5416	6.54747	5.06627	2.21132	1.023654	2.035208	1.011555	0.589805	0.387831	0.393345
BACH1-IT2__lincRN	1.14313	1.75545	1.03844	2.55492	0	0.59869	2.85876	0.122547	0.730054	0.3201	0.085156	-0.23494	0.802939	0.945453	0.08771
BAGE2__pseudogen	5.60936	0.517652	9.14967	24.1491	32.2424	162.996	6.70838	0.312289	3.51708	-3.84408	0.535765	4.379843	0.254974	0.523547	0.262855
BAIAP2-AS1__lincRl	0.979366	0.70055	1.45213	0.713041	0.944989	0.388772	0.173123	1.70099	1.18919	0.613734	0.032017	-0.58172	0.442123	0.969738	0.52141
BAK1P1__pseudoge	1.32228	2.04909	2.55623	3.27279	3.03705	3.68884	0.944901	3.35767	1.43378	-0.75429	0.047315	0.801604	0.045464	0.937435	0.244409
BCAR4__lincRNA	0	0	0.651088	0	10.1379	2.70289	0.754943	0	0	-4.30174	-0.21352	4.088222	0.319596	0.939854	0.336661
BCDIN3D-AS1__anti	1.11517	0.543059	0.763859	0.494681	0.420134	2.47927	0.88791	0.721742	0.845507	-0.48677	-0.01957	0.467206	0.693061	0.93644	0.682482
BCRP2__pseudogen	0.140499	0.206485	2.23213	0.201623	1.90815	2.01386	0.231341	0.130118	0.21131	-0.67704	2.17085	2.847891	0.480555	0.427771	0.190355
BCRP3__pseudogen	0	0.053513	0.257467	0.154463	0.89296	1.77064	0.158525	0	0.049845	-3.17981	0.577673	3.757484	0.166832	0.777827	0.222823
BCRP6__pseudogen	0.307908	0.248484	0.556646	0.54939	0.819264	0.582712	1.73419	0.194906	0.358212	-0.80998	-1.03915	-0.22917	0.219729	0.529523	0.857168
BDNF-AS__antisens	66.1802	45.3747	10.5721	43.7971	40.7263	379.204	64.3624	14.8637	47.0049	-1.92489	-0.04768	1.877211	0.466012	0.950176	0.416323
BHLHE40-AS1__ant	27.7309	22.1694	20.4505	33.7562	10.4306	31.4709	95.4319	14.8725	23.6962	-0.10492	-0.9296	-0.82468	0.821777	0.460936	0.459515
BMS1P16__pseudog	0	3.8108	3.60402	0	1.4862	21.9843	0	0	0	-1.66237	#DIV/0!	#DIV/0!	0.499654	0.183821	0.385023
BMS1P18__lincRNA	0	0	0	1.55688	0	1.91366	0.909717	0	0	#NUM!	#NUM!	1.93167	0.187784	0.42265	0.268119
BMS1P1__pseudoge	0.467058	0.565071	0.719259	0.588536	0.471591	17.7721	1.06291	0.71702	0.670446	-3.42663	-0.4845	2.942129	0.421725	0.345777	0.44722
BOK-AS1__antisens	2.38331	1.0453	2.6915	1.12276	2.38409	72.3795	0.35678	1.03158	2.41865	-3.63221	0.684899	4.31711	0.422203	0.346915	0.405314
BPESC1__lincRNA	0	0.019552	0.074745	0	8.877	8.60781	0.065114	0	0.018078	-7.53467	0.18077	7.71544	0.183645	0.927557	0.186669
BPIFA4P__pseudog	0	0	0.13181	0.279073	5.69806	2.82898	0	0	0	-6.06197	#DIV/0!	#DIV/0!	0.206365	0.42265	0.201575
BRD7P5__pseudoge	8.0847	48.2126	7.96988	17.5367	2.04743	4.4166	5.13845	23.1725	10.7497	1.421004	0.718366	-0.70264	0.508051	0.426271	0.656331
BSN-AS2__lincRNA	0.037768	0.044537	0.239499	0.200801	4.89097	1.5279	0.407463	0.143112	0.181998	-4.36251	-1.18679	3.175715	0.275309	0.387043	0.311857
BX322557.13__lincR	0	0	0	0	0	3.79465	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
BX470102.3__antise	550.526	460.014	337.079	175.46	134.541	145.307	421.073	366.513	564.446	1.565498	-0.00472	-1.57021	0.032239	0.99083	0.038303
BZRAP1-AS1__antis	695.604	873.235	120.433	85.7502	91.5996	38.7252	588.454	190.788	155.558	2.966798	0.853672	-2.11313	0.144971	0.370255	0.21043
BZW1P1__pseudoge	63.4982	58.9398	74.2845	31.2693	20.6259	58.8115	47.6177	99.454	60.5677	0.829419	-0.07792	-0.90734	0.05232	0.861858	0.305007
C10orf71-AS1__anti	0	0	0.149317	0	0	3.35941	0	0.04979	0	-4.49176	1.584451	6.076208	0.42265	0.634929	0.431269

CEACAM20__proces	0.988063	0	1.82269	8.78658	3.13098	7.83314	2.03046	0	0	-2.81288	0.46915	3.282025	0.053378	0.785446	0.05338
CEACAM22P__pseu	2.15193	0.057324	1.57188	0.012936	9.70298	438.263	1.11767	0.251848	0.25071	-6.88847	1.222622	8.11109	0.412875	0.261378	0.411787
CEACAMP10__pseu	0	0	0.067923	0	0.149627	0.109968	0.393972	0	0	-1.93428	-2.53611	-0.60183	0.287992	0.529136	0.82187
CECR3__processed	0.063101	0.241845	1.49317	2.52437	3.12709	1.92132	1.19826	0.327505	0.711429	-2.07434	-0.3152	1.759133	0.126427	0.81643	0.07372
CECR5-AS1__antise	0	0	0	0	1.96107	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
CECR7__lincRNA	0	0	0.198554	0.143831	2.65632	1.33229	0.17508	1.33169	2.33038	-4.37939	-4.27243	0.106959	0.214576	0.166262	0.897227
CEP164P1__pseudo	11.1963	8.19991	6.12035	216.437	37.7506	1865.22	4.39949	7.48272	6.65665	-6.37608	0.460881	6.836965	0.353742	0.412363	0.35167
CEP170P1__pseudo	2.19336	0.720155	49.7408	2.42598	22.3905	11.638	0.776733	2.5295	0.883041	0.530456	3.65178	3.121324	0.786631	0.427923	0.177418
CERS6-AS1__antise	1.89257	0.601426	0	2.74709	3.11888	4.91604	0	0	0	-2.1121	#DIV/0!	#DIV/0!	0.143815	0.274909	0.03301
CES5AP1__pseudoc	0	0	0	0	1.68374	62.5575	0.747246	0	0	#NUM!	#NUM!	6.425773	0.407325	0.42265	0.414261
CFL1P1__pseudoge	0.01416	0.016698	12.7955	0.037622	0.10595	25.6576	0.353393	0.170242	0.107913	-1.00833	4.344075	5.3524	0.417605	0.445312	0.431283
CFLAR-AS1__antise	0	0	0	0	0	32.271	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
CHCHD3P3__pseud	9.16162	7.7763	6.09413	6.75258	8.22009	17.0735	6.05859	8.98655	7.97626	-0.47651	0.000667	0.477176	0.537367	0.998393	0.430913
CHEK2P2__pseudoc	0	0	2.98304	3.16285	4.17144	3.72894	1.53271	0	0	-1.89092	0.960699	2.851616	0.117763	0.750326	0.055828
CHIAP2__pseudoge	0	0	0	0	0.089966	0.060428	0.235711	0	0.04579	#NUM!	#NUM!	-0.9044	0.198811	0.323146	0.70048
CHIAP3__pseudoge	0.240936	0.074767	0.139159	0	24.3852	248.682	0.323358	0.027729	1.21535	-9.22961	-1.78399	7.445626	0.369746	0.405972	0.369624
CHL1-AS1__antisen	0	0	0	0	0	7.44449	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
CHODL-AS1__lincR	0	0	1.94071	0	2.26809	44.9238	0.084947	0	0	-4.60388	4.513885	9.117767	0.393029	0.448449	0.395364
CICP27__pseudoger	0	0.207029	3.28051	2.04799	1.97091	2.14044	0.959525	0.220799	0.930796	-0.82057	0.724201	1.544767	0.474152	0.686903	0.021971
CITF22-49D8.1__linc	0.046321	0.023407	0.106071	0.105754	3.49589	95.6924	0.064984	0.014487	0.021651	-9.14164	0.79783	9.939466	0.401711	0.503957	0.40179
CITF22-92A6.1__linc	0	0	0	0	1.63248	4.28603	0	0	0.537995	#NUM!	#NUM!	3.459569	0.254959	0.42265	0.24013
CKMT2-AS1__antise	15.6378	27.227	8.27717	5.38236	19.8487	57.3175	5.61444	9.77255	30.454	-0.69074	0.15787	0.848605	0.641942	0.897809	0.261357
CLDN10-AS1__antis	0	3.62324	1.7159	5.29593	115.336	12.3309	4.18512	3.30115	1.53235	-4.63827	-0.7563	3.881972	0.344107	0.494384	0.364254
CLRN1-AS1__antise	0.044065	0.088437	0.699914	3.95724	6.71424	66.9794	3.10693	0	0.12357	-6.54355	-1.95638	4.587173	0.335311	0.555936	0.360592
CLSTN2-AS1__antis	0	0	0.110005	0	0.667256	15.6685	0.04311	0	0	-7.21432	1.351475	8.565795	0.398442	0.673114	0.400197
CLUHP3__pseudoge	1.88898	5.40643	1.42265	1.97639	1.96635	7.09403	1.22343	1.65014	2.64811	-0.34024	0.6589	0.999139	0.798197	0.539425	0.295592
COL18A1-AS1__anti	0	0.120425	0.076725	0.033983	0.027187	9.77181	0.066837	0	0	-5.64026	1.560567	7.200829	0.426208	0.52279	0.42299
COL6A4P1__pseudoc	14.2578	6.73198	3.8017	6.576	6.32791	3.09908	7.12853	8.23521	7.64635	0.631503	0.107578	-0.52393	0.343119	0.875156	0.184682
COL6A4P2__pseudoc	0.737673	0.682177	0.677891	1.65962	100.76	24.3389	0.735169	1.50653	0.067646	-5.9171	-0.13865	5.778455	0.300153	0.880886	0.296837
COX10-AS1__proces	7.05755	3.34105	4.9074	4.9153	819.523	183.916	3.56225	4.2415	4.22734	-6.04176	0.34733	6.389091	0.31385	0.485215	0.310981
CPB2-AS1__antisen	0	5.23658	1.44719	0.108793	2.96834	29.1668	3.5467	0.090834	3.08687	-2.27029	-0.00874	2.261549	0.469405	0.996369	0.443222
CPEB2-AS1__lincRN	4.84436	4.97254	6.11996	2.11836	9.58036	85.4114	2.52866	5.06266	3.89188	-2.60725	0.472843	3.080097	0.41029	0.200161	0.394496
CPHL1P__pseudoge	0	0	0.286655	3.42122	3.76398	29.2433	0.491039	0	0.205627	-6.98961	-1.28115	5.708457	0.290255	0.524353	0.298947
CRHR1-IT1__pseudoc	0	5.20106	0	0	13.7506	24.8775	0	0	0	-2.89277	#DIV/0!	#DIV/0!	0.26635	0.42265	0.215405
CRNDE__lincRNA	1.88336	6.06136	19.7831	0.277152	4.72369	21.7368	21.2173	2.82806	7.17221	0.052462	-0.17102	-0.22349	0.800193	0.913559	0.898877

CROCCP2__lincRNA	0	1.78069	1.90855	0	436.043	13.2428	4.82739	0	0	-6.92817	-0.38792	6.540246	0.407783	0.880262	0.411814
CROCCP3__pseudo	1.39462	2.6541	1.55535	4.54713	6.88146	810.812	1.68013	2.09484	2.4216	-7.19694	-0.14499	7.051947	0.417397	0.680268	0.417197
CRYBB2P1__pseudo	0.169621	4.69422	3.80058	17.8486	15.9156	56.3324	5.46124	3.3866	2.7838	-3.3783	-0.42488	2.953418	0.168634	0.69104	0.196387
CSN1S2AP__pseudo	0	0	0	0	2.09363	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
CSNK1A1P1__pseudo	0	0.490199	0.415965	0.215801	1.75497	5.53662	0.389488	0.276332	0.570095	-3.05047	-0.44774	2.602732	0.278035	0.595203	0.301653
CSPG4P10__pseudo	1.99338	0.928158	1.51961	4.32525	1.1523	1.65276	0.861683	2.24546	2.92214	-0.68303	-0.44105	0.241978	0.33831	0.589251	0.834778
CSPG4P8__pseudo	0	0	0	0	0.21626	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
CST13P__pseudogene	0	0.33873	1.68504	0.07305	1.67751	2.89195	0.277901	0.155076	0	-1.19786	2.224683	3.422543	0.161886	0.46529	0.257815
CSTF3-AS1__antisense	0	0	0.923757	5.25563	8.09583	13.8196	0.07253	0.09703	0	-4.87841	2.445722	7.324135	0.059231	0.532627	0.071384
CT49__lincRNA	0	0	1.18416	2.96916	29.6113	208.562	1.06317	0.076187	0.06019	-7.66988	-0.01863	7.651252	0.338719	0.994265	0.342182
CTA-109P11.1__linc	0	0	0.75441	0	2.19302	0	0.244264	4.45489	0	-1.5395	-2.63898	-1.09948	0.64186	0.496676	0.363998
CTA-125H2.2__antisense	0	0	0	0	2.25625	12.8705	0.125034	6.04541	0	#NUM!	#NUM!	1.293656	0.33163	0.410835	0.614607
CTA-126B4.7__lincRNA	0.390192	0	0.678117	31.3395	5.75507	14.2177	0.657679	0.209821	0	-5.5859	0.300393	5.886296	0.153487	0.847162	0.150092
CTA-134P22.2__antisense	0.770389	0.089974	0.499762	0.470908	0.90421	46.0483	1.29222	1.16472	0.708869	-5.12379	-1.21884	3.904954	0.416231	0.140476	0.436527
CTA-150C2.13__linc	0	0.123359	0.052135	0	0	8.65096	0	0.170125	0.112833	-5.62336	-0.68916	4.9342	0.430991	0.190279	0.434266
CTA-211A9.5__lincRNA	3.29871	2.56539	5.9034	16.0284	10.7243	115.125	1.67345	27.8564	0.75992	-3.59177	-1.36402	2.227745	0.318729	0.58647	0.447129
CTA-217C2.1__lincRNA	13.6847	6.15919	8.68579	6.87372	8.59412	238.001	7.29032	11.8457	14.7092	-3.15127	-0.24649	2.904784	0.433949	0.70673	0.432195
CTA-221G9.11__antisense	0	1.77259	0.139633	0	4.57763	0.09938	0.306936	0	0	-1.29034	2.639241	3.929577	0.430993	0.486353	0.450191
CTA-221G9.7__lincRNA	0	0	0.328411	0	0.859628	0	0	0	0.088496	-1.38821	1.891812	3.280022	0.666714	0.42265	0.484809
CTA-250D10.23__linc	0.12112	0	0.030266	0.080029	1.47532	0.373999	0.147927	2.38776	0	-3.67181	-4.06607	-0.39426	0.322613	0.423569	0.645839
CTA-280A3__B.2__linc	0	0	0	0	2.44945	0.781107	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.274532	#DIV/0!	0.274532
CTA-292E10.6__antisense	101.917	28.7435	45.1625	38.5807	31.5562	18.9051	21.3699	52.1081	28.9958	0.981566	0.778869	-0.2027	0.269859	0.504186	0.729257
CTA-342B11.1__linc	0	0	1.01194	0.330339	2.10673	1.71414	0.541371	0.382826	0.090869	-2.03641	-0.00445	2.031958	0.192709	0.99841	0.238346
CTA-363E6.2__lincRNA	0.218973	0.764436	1.27775	6.46205	6.03073	17.4246	1.78111	1.82159	1.66478	-3.72585	-1.22005	2.505799	0.117586	0.098582	0.161393
CTA-384D8.31__antisense	1.19422	0	0	0	0	3.33118	0	0	0	-1.47996	#DIV/0!	#DIV/0!	0.651355	0.42265	0.42265
CTA-407F11.8__antisense	0.076572	0.045147	0	0	0.102369	0.123774	0.150194	0	0.027798	-0.89368	-0.54826	0.345424	0.614493	0.641898	0.86475
CTA-445C9.14__antisense	0.474018	0.279494	0.986615	0.623391	8.75474	0	0.43564	0.608323	0.741758	-2.43011	-0.03731	2.392794	0.483254	0.936072	0.464271
CTA-481E9.4__lincRNA	0	0	0.740312	50.2703	29.7198	989.714	1.08749	0.192582	0.09582	-10.4968	-0.89416	9.602629	0.377038	0.713029	0.377774
CTA-833B7.2__antisense	2.87305	0.682751	0.909096	2.37831	4.30774	41.8621	0.728077	3.38949	7.79116	-3.44272	-1.41532	2.027397	0.380985	0.441858	0.380077
CTA-929C8.5__lincRNA	0	0.009736	0.074436	0	4.10587	1.84532	0.553058	0	0	-6.1437	-2.71603	3.427675	0.240944	0.514966	0.312815
CTA-929C8.7__lincRNA	0.051218	0.02013	0.228074	0.030326	8.32964	19.1934	0.201233	0.208811	0.29456	-6.5239	-1.23463	5.289272	0.240066	0.064463	0.246436
CTA-929C8.8__lincRNA	1.67512	0	0.604683	0	91.5996	6.24032	0.670667	0	0	-5.42344	1.765241	7.188683	0.398924	0.207592	0.388977
CTA-992D9.7__lincRNA	0	0	0.084328	0	0	18.3223	0	0	0	-7.76337	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
CTAGE7P__pseudo	0	0	0	0.177066	0	0	0.517797	0.206656	0	#NUM!	#NUM!	-2.0326	0.42265	0.249769	0.206946
CTB-102L5.7__sense	0.08019	0.132393	0.208688	0.106466	2.46993	0.5061	0.345798	0.087616	0.296715	-2.87128	-0.7934	2.077875	0.347999	0.37073	0.434919

CTB-147C22.8__ant	0	0	2.68413	0.12166	2.4184	23.1152	6.17217	0	0	-3.25673	-1.20132	2.055405	0.355383	0.700794	0.531623
CTB-147C22.9__ant	13.6373	2.66864	4.38642	6.79034	4.71849	33.1522	8.614	9.4732	12.6075	-1.10992	-0.56889	0.541027	0.533126	0.510398	0.619045
CTB-151G24.1__linc	1.07184	0.180011	1.36023	0.715672	0.22055	4.5881	2.11435	1.11948	1.43495	-1.0806	-0.83785	0.242752	0.482287	0.155061	0.861432
CTB-167G5.6__pseu	0	0	0	0	3.45641	11.6574	0.548618	0	0	#NUM!	#NUM!	4.783922	0.282347	0.42265	0.3091
CTB-171A8.1__antis	0.721892	8.55095	2.59435	277.243	29.1231	214.34	5.60443	5.11068	0	-5.45542	0.147332	5.602751	0.15796	0.897856	0.151096
CTB-175E5.7__antis	11.3552	9.0799	8.16939	6.82539	10.3683	10.5064	5.21502	12.6917	14.9044	0.046351	-0.19794	-0.24429	0.900683	0.75226	0.435587
CTB-175P5.4__lincR	0.042826	0.067337	0.319901	0.906181	0.243522	4.14759	0.400211	0.584866	1.10285	-3.62263	-2.27945	1.343184	0.284563	0.046907	0.403304
CTB-176F20.3__anti	1.4963	1.29347	1.55274	3.2111	1.90094	7.67472	1.8723	1.92483	1.59481	-1.55805	-0.31228	1.245774	0.236633	0.176831	0.31422
CTB-179K24.3__anti	1.7975	1.68451	1.37883	0.997142	2.63495	9.93164	1.07565	1.60271	1.75374	-1.48048	0.133215	1.613692	0.418622	0.697209	0.360421
CTB-180A7.3__antis	6.32127	6.08258	5.46068	3.47139	10.93	19.4674	1.93791	5.54597	5.07048	-0.92286	0.508909	1.431768	0.387803	0.308453	0.203349
CTB-180A7.8__lincR	10.8145	13.684	15.3147	7.13272	14.7289	7.20848	4.37054	12.1367	14.7053	0.453711	0.351121	-0.10259	0.308083	0.253865	0.852737
CTB-187M2.3__lincF	0	0	0	0	2.58349	6.08956	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.243016	#DIV/0!	0.243016
CTB-191D16.1__pro	0	0	0	0	0	3.35706	0	0	0.857053	#NUM!	#NUM!	1.969742	0.42265	0.42265	0.42265
CTB-22K21.2__antis	0	0	0	0	0	12.6556	1.08435	0	0	#NUM!	#NUM!	3.544874	0.42265	0.42265	0.474045
CTB-31O20.2__lincF	0.195244	0.17271	0.170858	0.613957	0.025985	2.19769	0.238756	0.346086	0.424147	-2.39683	-0.90506	1.491777	0.36032	0.124369	0.426476
CTB-31O20.4__proc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
CTB-32O4.2__lincR	0.122856	0.269285	0.802193	0	7.59741	0	1.44176	0	0.261047	-2.6693	-0.51171	2.157593	0.498596	0.797654	0.560156
CTB-50L17.16__linc	7.9384	4.94572	6.37306	2.82614	66.5216	26.0621	1.77707	9.30279	7.01814	-2.30874	0.089566	2.398308	0.322012	0.911636	0.259938
CTB-52I2.4__pseudc	13.9025	9.9562	11.4871	14.9577	7.12332	5.02905	6.69983	22.0621	14.5829	0.38271	-0.29432	-0.67703	0.333167	0.679794	0.520827
CTB-55O6.12__antis	2.13768	0.705462	23.3658	105.236	9.9483	16.7206	1.44388	3.66094	5.30189	-2.33137	1.332545	3.663912	0.411678	0.501921	0.329426
CTB-58E17.1__lincR	0.155923	0.153222	0.390281	0.189952	0.416867	0.27373	0.912422	0.198874	0.396211	-0.33223	-1.10792	-0.77569	0.639732	0.384422	0.526532
CTB-60E11.9__antis	0.275815	0.095666	0.113674	0.021539	0.242606	0.387831	0.222601	0.248167	0.052968	-0.42637	-0.11039	0.315981	0.760268	0.870909	0.81046
CTB-61M7.1__proce	0.002747	0.127713	1.29178	0.210713	663.926	5.41348	1.12885	0.099002	0.104416	-8.87888	0.09428	8.973164	0.418895	0.968262	0.41885
CTB-91J4.1__antise	0	0.063832	0.033135	0.156083	208.446	11.5131	0.06199	0.671257	0.206526	-11.1485	-3.27675	7.87173	0.391334	0.233375	0.39187
CTB-92J24.3__antis	0.102591	0.141115	0.693525	0.077091	5.02558	73.0158	0.166966	0.205459	1.36355	-6.38106	-0.88922	5.491846	0.385261	0.318025	0.385923
CTB-96E2.3__proce	123.582	4.50486	6.8401	4.82496	3.47869	18.483	5.58717	10.0849	14.1482	2.332593	2.177813	-0.15478	0.476792	0.487266	0.77936
CTBP1-AS2__antise	14.2303	9.9246	8.85789	7.03098	48.4548	39.2958	4.83637	14.0071	10.9886	-1.52158	0.146161	1.667743	0.2814	0.82447	0.159983
CTC-241F20.3__anti	0	0	0	0	0	2.46929	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
CTC-260E6.2__pseu	432.123	132.019	11.151	154.459	32.5054	13.0162	10.6104	5.01352	90.2263	1.524437	2.442273	0.917836	0.265379	0.394037	0.67174
CTC-260E6.6__antis	1.72951	4.86069	2.81355	4.92348	28.3415	73.0158	0.778384	2.96493	1.07944	-3.4985	0.963379	4.46188	0.24512	0.034607	0.233224
CTC-261N6.1__lincR	0	0	7.605	0	0.070765	3.17223	0	0	0	1.229622	#DIV/0!	#DIV/0!	0.431939	0.42265	0.409917
CTC-265F19.2__sen	0	0.084216	0.178661	0.071065	0	6.33703	0.069959	0.038998	0.038841	-4.60743	0.830757	5.438191	0.423975	0.591769	0.426134
CTC-273B12.5__ant	0	0	1.83158	0	9.81941	1.87488	0.724058	0	0	-2.67464	1.338912	4.013555	0.420109	0.675335	0.368086
CTC-277H1.7__proc	0.163002	0.019223	0.228408	0.064918	1.80166	6.7724	2.10212	0	0.124166	-4.39494	-2.43872	1.956222	0.299637	0.460216	0.484564
CTC-297N7.11__ant	0	0	0.207294	0	63.6557	11.0808	0	0	0.025058	-8.49399	3.048352	11.54234	0.333679	0.42265	0.33237

CTC-297N7.1__lincR	0	0.082975	0.419954	0	8.81394	4.7563	0.136194	0	0.151125	-4.75395	0.807702	5.561649	0.226096	0.60175	0.228903
CTC-297N7.5__antis	5.45477	1.07108	4.04977	2.60001	42.5527	579.152	2.21235	3.71154	0.997194	-5.88344	0.611672	6.495109	0.385476	0.592455	0.384862
CTC-301O7.4__lincF	0	0	1.47616	0	1.37452	8.60781	0.506074	0	0.820684	-2.75753	0.153944	2.911471	0.323819	0.895838	0.369321
CTC-325H20.2__linc	0.201267	0	0.028744	0.917034	0	2.76547	0.14051	1.08427	1.24823	-4.00091	-3.4265	0.574419	0.295351	0.206952	0.654317
CTC-325J23.3__linc	0.565537	0	0	0	1.70879	4.18136	0.54508	0	0.403102	-3.38061	-0.74554	2.635068	0.324702	0.452654	0.317794
CTC-340D7.1__lincF	0	0	0	0	8.3839	37.7646	0.604527	0	0	#NUM!	#NUM!	6.254333	0.311244	0.42265	0.32035
CTC-347C20.1__linc	0	0	0	0	3.38061	16.036	0.67388	0	0	#NUM!	#NUM!	4.848656	0.315971	0.42265	0.340269
CTC-347C20.2__linc	0	0	0.805014	0	17.9124	20.9745	0.868263	0	0.155053	-5.59413	-0.34617	5.247961	0.184934	0.883793	0.204443
CTC-360P9.4__lincR	0	0.065698	1.63045	2.29607	42.5122	7.44449	1.01893	0	0.073208	-4.94517	0.635107	5.58028	0.319675	0.812728	0.315712
CTC-360P9.5__lincR	0	0	0	0	29.1989	41.6074	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.19576	#DIV/0!	0.19576
CTC-378H22.1__ant	0.154781	0.060881	0.783902	0	0.380526	1.79661	0.351264	0.391876	0.055695	-1.12306	0.323401	1.446461	0.366487	0.859301	0.551944
CTC-378H22.2__ant	0.107928	0.090911	1.75438	0	1.71062	3.90629	0.3738	0.033696	0.134253	-1.52392	1.850157	3.37408	0.215278	0.503947	0.293069
CTC-400I9.1__lincRI	0	0	0	0	0	0.84703	0.740406	0	0	#NUM!	#NUM!	0.194096	0.42265	0.42265	0.945281
CTC-419K13.1__linc	0	0	3.04718	0	92.1606	238.001	0.790214	0	0	-6.75955	1.947159	8.706713	0.251693	0.586064	0.254915
CTC-429P9.1__antis	1.36667	1.41047	3.89557	2.05621	2.96322	33.432	1.34491	1.00413	1.7993	-2.52669	0.685739	3.212431	0.379845	0.317484	0.375265
CTC-436P18.1__ant	17.4703	13.3937	11.1211	7.5697	16.2527	48.6284	8.17253	14.8386	13.054	-0.78712	0.219273	1.006397	0.547798	0.644186	0.410034
CTC-444N24.11__lin	4.96192	16.0676	11.1613	9.65359	7.84951	16.6557	2.53464	3.76097	8.00787	-0.08561	1.170283	1.255891	0.896165	0.201543	0.038618
CTC-457E21.1__sen	0.026089	0	0.052264	0.194895	0.23925	4.17412	0.124495	0.267617	0.119917	-5.87808	-2.70816	3.169926	0.367088	0.145603	0.416766
CTC-457E21.3__pse	0.044369	0.087203	0.340515	0.176792	0.754081	1.20615	0.234301	0.064652	0	-2.17848	0.659132	2.837611	0.126707	0.74406	0.2368
CTC-457E21.9__ant	0.026102	0.032115	0.061395	0.095213	2.71362	15.6394	0.023404	0.116768	0.03218	-7.26897	-0.52698	6.741989	0.330559	0.660145	0.333105
CTC-458G6.2__lincF	0.049579	0	0.24732	0	0.418224	0.560376	0	0	0	-1.72075	#DIV/0!	#DIV/0!	0.24998	0.320432	0.191984
CTC-458I2.2__antise	1.44747	2.99154	2.75899	2.77516	6.02699	10.1344	7.45476	3.07882	1.94213	-1.39551	-0.79345	0.602052	0.161789	0.497446	0.622625
CTC-459F4.1__lincR	0.111001	0.675445	0.484472	0.221648	0.110444	0.444132	0.195573	0.616706	0.104969	0.711326	0.470487	-0.24084	0.50513	0.480725	0.866509
CTC-459F4.5__lincR	0.072984	0	0.441584	0	3.72558	3.14723	0	0	0.158114	-3.73947	1.702397	5.441863	0.202833	0.29693	0.188371
CTC-459I6.1__antise	0	0	0.427431	0.070261	8.59412	6.01504	0.850834	0	0	-5.10196	-0.99319	4.108774	0.197317	0.743267	0.240997
CTC-462L7.1__lincR	3.82006	1.05915	2.27711	0.622959	1.6662	1.56064	0.194856	12.3812	2.69863	0.894435	-1.09385	-1.98829	0.427092	0.605982	0.388325
CTC-465D4.1__lincF	0.842986	0	0	0	0	0.214324	0	0	0	1.975715	#DIV/0!	#DIV/0!	0.582713	0.42265	0.42265
CTC-467M3.1__antis	0.597063	0	1.01975	0.206501	9.04391	1277.67	0	0	0.113252	-9.63655	3.835544	13.4721	0.418751	0.200264	0.418484
CTC-471C19.1__linc	0	0	0	0	3.1693	0.054216	0.07397	0	0	#NUM!	#NUM!	5.445543	0.412859	0.42265	0.426488
CTC-471F3.4__pseu	22.2555	25.3111	32.5022	16.3413	9.42315	4.43395	23.1089	70.6785	42.0133	1.406768	-0.76218	-2.16895	0.121926	0.305958	0.155335
CTC-471J1.8__proce	2.47145	2.1635	2.64451	53.5938	9.20424	21.7368	2.77562	3.70591	2.39025	-3.53764	-0.28539	3.252251	0.189375	0.422731	0.200709
CTC-479C5.10__linc	0.171231	0.202074	0.402344	0	1.32621	1.66689	0	0.061866	0	-1.94816	3.648181	5.596345	0.247185	0.102552	0.191096
CTC-493L21.1__linc	0.028639	0	0	0	0.3775	0	0.056156	0.289556	0	-3.72044	-3.59353	0.126908	0.467979	0.370619	0.824109
CTC-493L21.2__linc	0	0	0.082103	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
CTC-497E21.3__linc	2.30546	0.259267	2.77456	2.23184	1.99042	0.800791	1.02891	1.84979	0.67529	0.088083	0.587207	0.499124	0.930484	0.647829	0.303419

CTC-498J12.1__linc	0.927285	0.560313	0.282795	0.614054	1.97766	7.82739	0.54871	0.408443	0	-2.55709	0.887248	3.444338	0.350077	0.054033	0.315723
CTC-498J12.3__anti	0	0	0	0.209107	1.61662	21.1542	0.610787	0	0.258734	#NUM!	#NUM!	4.72401	0.374675	0.243183	0.391012
CTC-501O10.1__linc	0	0	1.58968	0	10.551	3.40796	0.593575	0	0.330551	-3.13438	0.782575	3.916958	0.332986	0.723958	0.316262
CTC-512J12.4__proc	0.88157	1.86084	3.41765	19.0954	4.94674	12.4628	1.35791	0.254041	0.151676	-2.56708	1.804399	4.371474	0.148248	0.308534	0.092211
CTC-513N18.6__linc	0	0	0.979487	0	48.4548	14.0893	0	0	0	-5.9967	#DIV/0!	#DIV/0!	0.291902	0.42265	0.28441
CTC-513N18.7__linc	4.55183	1.55187	2.39859	1.34885	42.5527	54.707	1.00163	12.2514	1.73201	-3.53579	-0.8176	2.71819	0.218165	0.668567	0.20891
CTC-523E23.1__linc	0.131149	0.219083	0.164168	0.247087	0.140365	28.8648	0.07506	0.179296	0	-5.82951	1.016044	6.845558	0.421908	0.156484	0.419998
CTC-523E23.4__linc	0.043291	0.153152	0.372042	0.134182	2.05113	19.0637	0.875463	0.157716	0	-5.22413	-0.8619	4.362234	0.364493	0.70568	0.39121
CTC-523E23.5__linc	0.894547	1.08656	4.76526	0.89717	3.75238	76.693	0.674284	3.77799	0.153236	-3.59183	0.55075	4.142577	0.401641	0.768727	0.421164
CTC-523E23.8__linc	0.028282	0.033349	0.174178	0.062719	0.111055	0	1.1818	0.020628	0.041101	0.440411	-2.39875	-2.83916	0.815198	0.498977	0.450259
CTC-524C5.2__antis	168.998	5.98775	58.1757	4.07743	7.55133	17.8286	81.6985	101.496	78.7362	2.984629	-0.16786	-3.15249	0.307335	0.873224	0.014812
CTC-524C5.5__lincF	0	0	0	0	0	1.63905	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
CTC-525D6.1__proc	0.617132	2.93584	5.01523	105.903	52.1805	397.891	4.19661	0	0.942378	-6.01988	0.737508	6.757391	0.228611	0.678909	0.230113
CTC-529L17.1__linc	0	0	0	0	43.9205	0	0	0.051725	0	#NUM!	#NUM!	9.729811	0.42265	0.42265	0.42265
CTC-537E7.1__lincR	5.67611	0	0	0	1.97057	0.967422	0	0	0.067833	0.950072	6.386771	5.436699	0.74024	0.42959	0.235025
CTC-548K16.2__linc	0	0	1.50518	0	4.51173	14.2898	0.385152	0.624788	0.70558	-3.64284	-0.18871	3.454132	0.263422	0.888114	0.302096
CTC-550B14.6__pro	2.7902	4.60533	3.42594	1.4311	9.04391	266.721	1.11118	1.53836	2.22427	-4.67894	1.150775	5.829713	0.415988	0.071225	0.405808
CTC-559E9.6__proc	15.1818	11.4377	4.1155	17.2303	30.7242	313.175	7.84907	48.6319	9.75731	-3.55456	-1.10778	2.446779	0.384006	0.465195	0.440115
CTC-564N23.2__ant	0	0	0	2.26927	0	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
CTC-782O7.1__lincF	0.129873	0	0	0	285.253	25.5918	0.083949	0	0	-11.2249	0.629518	11.8544	0.373631	0.42265	0.373538
CTD-2001E22.1__se	0.046111	0	0.115306	1.14863	4.11194	21.9843	0.135369	0.025156	0.050101	-7.39905	-0.38389	7.015155	0.298161	0.749384	0.301166
CTD-2006C1.12__se	1.38551	4.58861	1.81764	2.44366	4.63439	478.105	15.6771	6.09673	2.54846	-5.96044	-1.64226	4.318178	0.421313	0.336746	0.44071
CTD-2006C1.2__pro	4.04695	3.46528	1.58973	5.06475	5.75205	28.6779	1.46863	2.72309	0.568386	-2.11741	0.935184	3.052593	0.354965	0.126816	0.296351
CTD-2006K23.1__lin	0.041703	2.75945	0.100255	0.155423	4.94674	11.9112	0.163756	0.045634	0.090929	-2.55184	3.272187	5.82403	0.321734	0.447194	0.245919
CTD-2008A1.2__pse	8.52271	1.79631	39.5891	2.83028	1.30916	119.48	0	2.57222	26.0466	-1.30856	0.80231	2.11087	0.468665	0.232744	0.413288
CTD-2008L17.2__lin	0.21526	0	0.105381	0.110878	5.26561	68.6629	1.5366	0.067186	0.064669	-7.85119	-2.37948	5.471708	0.381009	0.41212	0.392769
CTD-2008N3.1__linc	0	0	0.065875	0	2.92074	30.5096	0.946369	0	0	-8.98721	-3.8446	5.142611	0.370151	0.464135	0.388377
CTD-2008P7.3__linc	0.093827	0.025407	0.127168	0.014328	1.27484	3.67051	0.238597	0.014119	0.103527	-4.33116	-0.53185	3.799312	0.275891	0.568946	0.29871
CTD-2012I17.1__linc	0	0	0.851611	0	1.56944	14.6577	0	0	0	-4.25207	#DIV/0!	#DIV/0!	0.361133	0.42265	0.364464
CTD-2012K14.6__lin	0.220641	0.84901	1.25359	0.289222	7.08369	20.0257	1.00715	0.478488	0.594976	-3.55989	0.159129	3.719022	0.268104	0.87157	0.288183
CTD-2013M15.1__lir	0	0.039308	0.59709	0	0	7.13846	0	0.072062	0	-3.48761	3.142627	6.630238	0.426129	0.455139	0.428507
CTD-2013N24.2__ar	20.1469	14.5451	15.9923	7.35665	6.63195	58.401	9.41394	17.8956	17.313	-0.51424	0.183766	0.69801	0.721501	0.690863	0.62415
CTD-2014E2.5__pse	0.207598	0.408035	0.640607	0.091835	0.935153	33.1522	0.271201	0.510224	0.395252	-4.76593	0.094394	4.860328	0.415425	0.831915	0.418379
CTD-2015G9.2__linc	0	0	0.040811	0	13.3016	3.36105	0.51637	0	0	-8.67343	-3.66136	5.012069	0.300013	0.469934	0.321014
CTD-2015H6.3__ant	1.33964	1.21563	0.578728	1.67203	1.16702	8.92307	1.3848	4.50462	2.28599	-1.90807	-1.38329	0.524785	0.403498	0.214603	0.721465

CTD-2017C7.2__ant	0.194548	0.458983	0.129613	1.24174	2.94177	15.9446	0.56999	0.353142	0.140621	-4.68379	-0.44181	4.241977	0.303815	0.584836	0.313304
CTD-2017D11.1__lin	2.25563	3.20737	2.46058	6.33159	2.91144	21.5744	2.27442	16.7735	1.5925	-1.95952	-1.38125	0.578274	0.323755	0.459899	0.761688
CTD-2020K17.1__ar	1.99307	0.947322	1.39175	2.22757	5.07001	131.998	10.6324	2.33002	1.65191	-5.00693	-1.75423	3.252694	0.403687	0.321795	0.449007
CTD-2020K17.3__ar	0	0	0	0	0	1.06785	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
CTD-2021J15.1__an	14.7073	19.1866	9.2803	4.46612	13.563	579.152	3.94074	10.0129	5.13204	-3.78993	1.177679	4.967606	0.438841	0.056513	0.418562
CTD-2023M8.1__linc	5.28134	1.34231	3.11991	19.6582	3.37879	39.0984	2.67085	12.9648	3.72141	-2.67289	-0.99034	1.682555	0.220363	0.534648	0.38863
CTD-2023N9.1__ant	0.11591	0	0.727194	0	22.1628	41.8621	0.062036	0.011526	0.022964	-6.24678	3.126735	9.373513	0.219314	0.389795	0.220362
CTD-2023N9.2__linc	0	0	0	0	1.29012	3.86043	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.269422	#DIV/0!	0.269422
CTD-2026D20.2__ar	0.336023	2.0764	0.480572	5.0508	3.66617	3.72947	1.19868	1.64132	1.63813	-2.1051	-0.63033	1.474765	0.071805	0.393031	0.04718
CTD-2026G6.3__linc	0	0	0	12.003	2.25031	2.28311	1.10532	0	0	#NUM!	#NUM!	3.903111	0.231525	0.42265	0.215702
CTD-2026K11.2__ar	16.3693	5.08241	8.87316	5.97323	2.44221	23.1152	5.76065	7.28545	10.5215	-0.05625	0.363697	0.41995	0.960955	0.644029	0.65931
CTD-2029E14.1__lin	0	0	0	0	0	0	0.109277	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
CTD-2031P19.3__ar	0.065272	0.015394	0.33111	0.173487	0.132622	5.36914	0.134609	0.099901	0.113731	-3.78475	0.241773	4.026528	0.397116	0.849242	0.414811
CTD-2033A16.2__ps	67.4692	36.6312	12.3396	24.6028	10.3715	11.3374	12.5116	20.8734	14.2773	1.330138	1.288666	-0.04147	0.194742	0.305849	0.952111
CTD-2033A16.3__ar	17.3282	14.8959	34.2467	13.12	8.02265	7.74202	23.4867	25.4829	33.684	1.202417	-0.31436	-1.51677	0.216674	0.237969	0.057692
CTD-2034I21.1__linc	0	0	0.179467	1.91607	1.64352	3.81875	0.900451	0.072468	0.216419	-5.36151	-2.72837	2.633138	0.061598	0.355118	0.119706
CTD-2034I4.1__lincF	1.65797	0.038072	1.1198	6.5263	32.8713	308.088	0.157604	2.20149	0.020057	-6.94724	0.24312	7.190363	0.355497	0.911636	0.356553
CTD-2037K23.2__lin	0.871078	0.675899	1.07766	0.516214	0.866149	73.2715	1.50938	0.696036	1.14574	-4.83003	-0.35254	4.477486	0.423975	0.346884	0.429294
CTD-2037L6.2__linc	0.02708	0.187827	0	0	0	0	0.158859	0	0.058792	#DIV/0!	-0.0183	#NUM!	0.346171	0.993311	0.258153
CTD-2044J15.2__lin	1.33408	4.1383	0.345101	5.30478	4.21733	5.27097	1.06617	1.87574	3.37386	-1.34646	-0.11856	1.227892	0.181021	0.924094	0.058911
CTD-2047H16.4__ar	0.597886	0	1.12805	9.68341	48.803	95.0374	5.37099	6.69185	0.721248	-6.47494	-2.8889	3.586041	0.174935	0.224226	0.214008
CTD-2049O4.1__ant	0	0	0	170.781	2.23588	18.3927	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.356687	#DIV/0!	0.356687
CTD-2058B24.2__ar	0	0	2.23213	31.0202	342.304	49.4162	0	0	0	-7.56521	#DIV/0!	#DIV/0!	0.300204	0.42265	0.297118
CTD-2061E9.1__linc	0	0	0	0	1.90125	0	0.285113	0	0	#NUM!	#NUM!	2.737343	0.42265	0.42265	0.514657
CTD-2066L21.1__lin	0	4.99106	0	0	1.60641	2.52512	0.238142	1.03676	0.424118	0.27267	1.554643	1.281973	0.882483	0.522939	0.358671
CTD-2066L21.3__lin	66.1938	36.148	26.4413	17.4181	13.6958	189.602	27.5216	40.3724	38.1371	-0.77725	0.280456	1.057703	0.690995	0.676634	0.5704
CTD-2071N1.1__ant	0	0	0.239628	0.15805	0.634894	68.3902	0.116984	0	0	-8.17348	1.034485	9.207966	0.415959	0.73446	0.416969
CTD-2072I24.1__linc	0	0	0	0	0	3.63543	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
CTD-2074D8.1__linc	0	0	0	0	2.37433	0.151103	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.387147	#DIV/0!	0.387147
CTD-2078B5.2__linc	0.234539	0	0	0.701519	0	7.14037	0	0.127071	0.436354	-5.0633	-1.2644	3.798906	0.386202	0.628722	0.376693
CTD-2081K17.2__lin	0	0.054758	0.914927	0.143874	0.181903	30.778	2.03751	0	0.05054	-5.00343	-1.10657	3.896862	0.417422	0.708356	0.455854
CTD-2083E4.6__ant	1.82377	0	1.63839	0	0	26.7727	0.630466	0	0	-2.95102	2.457182	5.4082	0.465947	0.193406	0.436402
CTD-2090I13.1__linc	0	0	0.642932	1.28635	2.35144	38.4574	0.494197	0.083505	0.03327	-6.03285	0.073559	6.106404	0.368692	0.976621	0.377884
CTD-2091N23.1__lin	0.116051	0	0.553295	0	0.304939	2.42362	0	0	0	-2.02732	#DIV/0!	#DIV/0!	0.373799	0.316428	0.355092
CTD-2102P23.1__ps	43.7925	57.0395	3.61154	25.6584	1.60293	6.41325	13.5369	57.2659	1.63187	1.632991	0.527971	-1.10502	0.300302	0.390513	0.608553

CTD-2113L7.1__anti	1.83958	0.102453	1.85509	7.75446	9.28457	1277.67	3.61965	0.451926	1.72082	-8.41351	-0.60925	7.804252	0.415839	0.366705	0.416799
CTD-2118P12.1__lin	0	0	0	0	0	5.55285	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
CTD-2126E3.1__sen	0	0.051093	0.108345	0.200936	1.73251	8.31578	0.042406	0	0.070628	-6.00637	0.496247	6.502622	0.304877	0.649154	0.305525
CTD-2127H9.1__linc	4.51361	2.04731	7.61888	3.23423	21.2826	337.008	1.05255	3.15899	2.91955	-4.67219	0.991643	5.663828	0.392217	0.315031	0.388472
CTD-2128A3.2__linc	2.09087	1.40887	0	1.86108	58.3691	16.7206	0	0	0	-4.45862	#DIV/0!	#DIV/0!	0.285646	0.198579	0.268626
CTD-2130O13.1__lin	1.46749	0	0.997374	0	15.6763	74.2234	1.47828	0	0	-5.18874	0.737588	5.926325	0.326024	0.428929	0.327183
CTD-2134A5.4__linc	0.108214	0.051665	0.680294	0.554563	2.81506	10.6844	0.455983	0.088486	0.323044	-4.06415	-0.0462	4.017955	0.265617	0.968426	0.289449
CTD-2135D7.4__linc	0	0	0.195779	0	0.359638	1393.82	0.499117	0	0	-12.7979	-1.35015	11.44775	0.422501	0.673347	0.422708
CTD-2139B15.5__lin	0	0	0.834769	0	0	3.37244	0	0	0	-2.01434	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
CTD-2140B24.6__ar	1.39254	1.81674	0	2.07866	0.896674	4.01337	1.89787	3.66478	0	-1.12278	-0.79352	0.329253	0.47726	0.290814	0.831241
CTD-2140G10.1__lin	0	0	1.71128	0.727847	2.12587	6.72608	0	0	0	-2.48492	#DIV/0!	#DIV/0!	0.1733	0.42265	0.220065
CTD-2140G10.2__ar	0	0	0.059188	0.0295	26.9193	8.54113	0.415438	0	0	-9.22788	-2.81125	6.416633	0.275228	0.509856	0.283035
CTD-2142D14.1__lin	0.030052	0.038938	0.189844	0.085494	0.764139	8.77623	0.841541	0.015062	0.064029	-5.21682	-1.8306	3.38622	0.372407	0.534906	0.427369
CTD-2143L24.1__lin	0.262989	0.6246	5.14784	0.844375	5.27698	762.947	3.53021	0.268688	0.084337	-6.99351	0.636197	7.629709	0.418673	0.79416	0.420908
CTD-2147F2.1__linc	6.43966	2.33357	380.027	13.8039	78.2708	79.6174	1.31184	0	0	1.179205	8.211293	7.032088	0.595583	0.411379	0.124398
CTD-2154B17.1__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
CTD-2161F6.2__linc	0	0	0	0	1.00564	85.3553	0.67238	0	0	#NUM!	#NUM!	7.004958	0.415888	0.42265	0.420454
CTD-2162K18.5__ar	4.13887	0.889013	1.63118	5.80043	52.1805	56.3324	2.15777	1.18196	0.442132	-4.10153	0.816222	4.917753	0.171336	0.286764	0.157537
CTD-2165H16.4__ar	0.206363	0.826359	0	0.109427	1.96544	2.35394	0.343479	1.40347	0.134606	-2.10047	-0.86547	1.234993	0.25073	0.194298	0.360948
CTD-2170G1.2__linc	0.70456	0.029801	1.35667	0	0.25897	10.8358	0.931216	0	1.37584	-2.40759	-0.14184	2.265755	0.453272	0.456334	0.466455
CTD-2171N6.1__linc	0.272525	0.141417	0.095681	0.101685	0.892587	17.4485	0.046879	0.031354	0.083296	-5.17748	1.657647	6.835129	0.403928	0.20047	0.392943
CTD-2176I21.2__ant	1.01115	0	0.070091	0	10.9278	10.391	0.081969	0.164049	0.054477	-4.30137	1.847276	6.148642	0.224427	0.522335	0.186854
CTD-2184C24.2__ar	0	0.012168	0.072344	0	0.911491	1.66023	0.070881	0	0	-4.92744	0.253756	5.181195	0.213101	0.922852	0.238193
CTD-2184D3.3__linc	0	0	2.71784	0	0.899521	5.69013	0	0	0	-1.27774	#DIV/0!	#DIV/0!	0.280165	0.42265	0.339581
CTD-2184D3.5__ant	19.8335	12.2312	18.3301	19.9948	3.46043	110.877	9.08467	11.6241	8.73898	-1.41446	0.775117	2.189576	0.478696	0.161236	0.412332
CTD-2184D3.6__linc	0.207213	0.040728	2.78578	1.38942	0.165923	5.19907	0.118431	0.245748	0	-1.15474	3.058369	4.213111	0.201498	0.448511	0.310748
CTD-2187J20.1__lin	0	0	0	0	0.917628	0.355775	0.221897	0	0	#NUM!	#NUM!	2.520727	0.252985	0.42265	0.398261
CTD-2192J16.11__li	0	0.082559	0	0	0	2.35394	0.499921	0	0.15038	-4.83351	-2.97761	1.855898	0.443241	0.379824	0.564695
CTD-2192J16.15__p	0	0	0	0	0	65.0583	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
CTD-2194D22.1__ar	0	0	0.195097	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
CTD-2194D22.2__lin	0	0.094394	0.556759	0	0.333351	0.445796	0	0	0.171519	-0.2589	1.924628	2.183527	0.719516	0.301837	0.187335
CTD-2194D22.4__ar	0	0.154595	0.248092	0.049682	1.77186	12.6556	13.1808	0	0.081469	-5.16797	-5.04152	0.126449	0.350582	0.436804	0.961602
CTD-2194L12.2__lin	0	0	1.21719	0.275758	1.68374	10.0891	0.88791	0	0	-3.30724	0.455069	3.762308	0.307817	0.873818	0.371165
CTD-2194L12.3__lin	0	0	1.25477	0.36364	0.388326	4.83086	0.672633	0.075066	0	-2.15357	0.746893	2.900466	0.308853	0.794652	0.424522
CTD-2196E14.6__se	0.182222	0.601909	1.1286	0.528703	1.42905	61.0596	0.28449	0.317289	1.2238	-5.04204	0.06728	5.109323	0.411409	0.841303	0.409673

CTD-2287N17.1__lin	0	0	0.133956	0.526832	0.352164	0	0.391127	0	0.144674	-2.7141	-1.99994	0.714159	0.335883	0.407051	0.50977
CTD-2288O8.1__ant	0.914777	0	0.894468	8.83308	9.08211	714.898	0.383414	2.71186	0	-8.66191	-0.77468	7.887235	0.408987	0.744373	0.410746
CTD-2291D10.2__lin	0	0.062443	0.194296	0	1.7567	2.27478	0	0	0.120618	-3.97293	1.089859	5.062792	0.187744	0.18627	0.187688
CTD-2292M14.1__lir	0	0	0	6.88503	3.18715	18.8331	0.687685	0	0.277503	#NUM!	#NUM!	4.904379	0.178065	0.248547	0.186158
CTD-2297D10.2__ar	0	0	0.03321	0.110114	0.336636	58.0879	0.195093	0.108751	0.054159	-10.7834	-3.43027	7.353176	0.418218	0.164117	0.421233
CTD-2302E22.4__an	0.029326	0.138367	0	0.310129	0.062329	1.42589	0.085977	0.063918	0.095455	-3.42278	-0.54902	2.87376	0.353067	0.664546	0.335434
CTD-2306M5.1__linc	0	0	0.785865	0	7.68629	4.50738	0.692856	0	0.633974	-3.95571	-0.75563	3.200077	0.228755	0.559676	0.273421
CTD-2308N23.2__ar	0.196982	0.21294	1.09789	3.63209	2.67734	23.1152	1.36389	0	0.196489	-4.2865	-0.04944	4.237056	0.281083	0.979629	0.306151
CTD-2311B13.1__lin	0	0.045384	1.4283	1.40788	0.746461	1.98623	0.645148	0	0	-1.4904	1.191725	2.682128	0.077349	0.694907	0.104979
CTD-2311B13.7__lin	0	0.033793	0.144294	0.018216	2.52217	4.22964	0.224951	0.037431	0	-5.24851	-0.55909	4.689423	0.204387	0.817913	0.234763
CTD-2311M21.2__ps	0.026245	0	0.1402	0.04657	3.57592	9.39286	0.257615	0.038288	0.873894	-6.28903	-2.81314	3.475884	0.252159	0.247938	0.258779
CTD-2313F11.1__pr	9.71399	0.182751	0.433573	0.204688	1.22798	1.34442	0.302701	3.47691	0.470484	1.895239	1.281317	-0.61392	0.546209	0.647945	0.647815
CTD-2313F11.2__lin	0	0	0	0	0	0	0.060586	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
CTD-2313F11.3__lin	0	0	0.460043	0	0	1.71856	0.959596	0	0.07099	-1.90136	-1.16362	0.737735	0.42265	0.681879	0.791675
CTD-2313N18.5__pr	2.70689	0.794467	2.35465	6.19764	5.75507	10.4482	2.0866	1.54378	2.14977	-1.93557	0.01881	1.954379	0.055572	0.955943	0.056763
CTD-2314B22.3__lin	1.55179	4.97372	0.712909	0	6.50416	2.92025	0.567952	2.04904	3.63592	-0.38073	0.211146	0.591874	0.593144	0.866134	0.597377
CTD-2314G24.2__ar	0.130181	0.115129	0.738742	0.144276	0.292982	4.2581	0.279947	0.344086	0.1773	-2.25443	0.296333	2.550761	0.391942	0.831091	0.449422
CTD-2315E11.1__lin	37.3844	6.77635	18.9924	22.3386	12.3977	23.1152	11.1894	31.4101	47.1315	0.1265	-0.50675	-0.63325	0.815411	0.663933	0.435356
CTD-2316B1.1__linc	0	0	0	0	0	2.61204	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
CTD-2316B1.2__linc	0	0	0	0	0	12.4368	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
CTD-2319I12.1__pro	1.10445	0.179653	1.5391	0	6.43953	34.3314	1.43169	1.58264	1.26871	-3.85214	-0.6013	3.250834	0.344091	0.424998	0.370181
CTD-2319I12.5__linc	0.127188	0.075016	0.45105	0.041998	1333.84	8.02574	0.248459	0.173174	0.344797	-11.0044	-0.23051	10.77384	0.419417	0.653839	0.419424
CTD-2323K18.1__pr	6.93368	3.48919	4.52317	14.3339	546.349	259.637	1.52327	2.66894	3.26103	-5.77835	1.003824	6.782175	0.224851	0.229693	0.219422
CTD-2324F15.2__lin	0	0.086841	1.04702	0.08158	2.82695	40.149	2.13595	0.067103	0.053476	-5.24695	-0.99286	4.254089	0.382502	0.724861	0.414642
CTD-2325B11.1__lin	0	0	0	0	4.00173	4.20055	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.183743	#DIV/0!	0.183743
CTD-2333M24.1__lir	0	0	0	0	1.47669	0.28462	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.323816	#DIV/0!	0.323816
CTD-2335O3.3__linc	0	0	0.034996	0	0.297131	1.90582	0	0	0	-5.97612	#DIV/0!	#DIV/0!	0.339235	0.42265	0.340603
CTD-2336H13.2__lin	0	0	0	11.3061	170.785	86.9931	0.48803	0	0	#NUM!	#NUM!	9.106872	0.190846	0.42265	0.192195
CTD-2337A12.1__ar	9.85592	4.11707	6.5259	9.57817	21.4949	32.3613	2.86356	6.40907	6.05566	-1.62972	0.419349	2.049068	0.203888	0.595135	0.105762
CTD-2337I7.1__lincF	0	0	0.161083	0.021366	0.08595	17.0257	0.110406	0.017584	0.070056	-6.73283	-0.29803	6.434804	0.418984	0.851977	0.423366
CTD-2342J14.6__an	0.340867	0.260306	0.482052	0.41483	0.412218	579.152	0.234228	0.495498	1.06542	-9.06452	-0.72877	8.335756	0.422424	0.355725	0.422553
CTD-2354A18.1__pr	0	0	0.336749	0	2.53562	2.82083	0.228664	0	0.420584	-3.99153	-0.9471	3.044436	0.183546	0.259195	0.223286
CTD-2357A8.3__linc	0.238237	0.110351	0.149813	0.148946	8.66109	5.33095	0.917571	0	0.947555	-4.82643	-1.90389	2.922538	0.212216	0.251061	0.272149
CTD-2366F13.1__an	0.91798	0.297985	0.223105	0.148424	0.472988	2.9722	0.247236	0.455868	0.925379	-1.3203	-0.17839	1.141906	0.565081	0.88885	0.446357
CTD-2369P2.5__ant	17.4864	5.33924	7.65691	5.6499	4.56061	53.5455	2.69006	8.46538	7.66014	-1.06458	0.696056	1.760634	0.59469	0.55459	0.437736

CTD-2373J6.1__sen	0	0.065613	0.221756	0	0	0	0	0	0.059966	#DIV/0!	2.260699	#NUM!	0.282569	0.247996	0.42265
CTD-2382E5.1__ant	0	0	0.45466	0	122.616	288.191	0	0	0	-9.81946	#DIV/0!	#DIV/0!	0.242527	0.42265	0.242701
CTD-2383M3.1__ant	0	0	1.07911	0	0	1.64105	0	0	3.74027	-0.60478	-1.7933	-1.18852	0.42265	0.42265	0.42265
CTD-2384A14.1__lin	0.044168	0	0.375164	0.352141	6.32791	5.19367	0.137251	0	0	-4.82353	1.611277	6.434812	0.169155	0.578672	0.172561
CTD-2384A14.2__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
CTD-2384B11.2__ar	15.1616	6.85287	4.71816	5.425	4.76181	2.09157	0.845102	8.06121	6.72046	1.122482	0.774582	-0.3479	0.189724	0.557986	0.735174
CTD-2503O16.4__lin	0	0	0	0.893224	33.5984	83.3709	0.925805	0	0	#NUM!	#NUM!	6.992181	0.242993	0.42265	0.248902
CTD-2506J14.1__lin	0.816922	0	1.65526	0.213221	4.50386	27.2194	0.261764	0.750681	0.262269	-3.69135	0.955611	4.64696	0.344837	0.587728	0.349581
CTD-2509G16.2__lin	0	0.025389	0.129214	0.085588	3.85966	2.72557	0.126437	0	0.046796	-5.43122	-0.16415	5.267077	0.187692	0.92972	0.201553
CTD-2509G16.5__lin	0.062641	0	0.552897	1.03427	663.926	66.378	1.05819	0	0.017044	-10.2145	-0.80473	9.409744	0.367664	0.765252	0.368112
CTD-2514K5.2__ant	0.272068	0.221221	0.719393	0.464176	0.64643	0.762412	0.139454	0.116593	0.280419	-0.62716	1.176643	1.803806	0.186366	0.169956	0.018796
CTD-2516F10.2__an	1.9723	0.787092	0.629039	0.511244	3.39751	51.1116	0.450436	2.32521	0.870691	-4.02128	-0.10583	3.915446	0.410539	0.931609	0.409763
CTD-2521M24.6__ar	3.95235	0.565064	1.4903	2.18324	0.984598	11.4475	0.573014	3.68551	2.83168	-1.2826	-0.23901	1.043584	0.509021	0.86956	0.5263
CTD-2521M24.9__lir	18.6639	2.48549	39.4687	1.54273	2.90422	14.7409	0.616937	17.7363	7.49574	1.659555	1.229641	-0.42991	0.204781	0.495073	0.767386
CTD-2524L6.3__anti	0	0	0	1.56678	1.76395	1.50171	1.55112	0	3.80434	#NUM!	#NUM!	-0.14826	0.002387	0.247402	0.895898
CTD-2525I3.3__antis	0.738687	4.25443	1.00228	3.0343	4.15661	200.636	1.25876	0.946168	0.751882	-5.11538	1.019814	6.135197	0.416332	0.477605	0.408348
CTD-2526A2.2__linc	0.098417	0.116095	0.426175	0.563111	0.487412	0.653795	0.160177	0.071453	0.14226	-1.4115	0.777006	2.18851	0.035801	0.476007	0.005907
CTD-2526M8.3__linc	0.017436	0	0	0	2.73799	3.35383	0.034231	0	0	-8.44863	-0.9732	7.47543	0.189976	0.42265	0.192234
CTD-2527I21.4__pro	6.50368	1.88746	2.70939	0.451019	9.53666	10.7206	1.21648	0.594625	0.730748	-0.89958	2.126676	3.026255	0.56054	0.146785	0.218985
CTD-2530H12.1__ar	0	0	0.226274	0	16.1248	1.46424	0.712205	0	1.76118	-6.28046	-3.45034	2.830118	0.380148	0.233274	0.459401
CTD-2531D15.4__ar	0	0	0.661855	0	21.4125	24.3389	0	0	0	-6.11116	#DIV/0!	#DIV/0!	0.184531	0.42265	0.185169
CTD-2534I21.9__linc	0	0	0	0	0	25.6659	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
CTD-2536I1.1__lincF	0.823109	0.196399	0.150158	0.077596	2.16462	1.57315	0.024527	0.045566	0.009079	-1.70572	3.884963	5.590688	0.398763	0.236719	0.181151
CTD-2538C1.2__linc	0.249613	0.049082	0	0.054774	0.71905	461.106	1.01932	0.3166	0.405103	-10.5946	-2.54319	8.051438	0.422055	0.084927	0.423356
CTD-2540B15.9__lin	0.419645	0.33825	0.86439	0.555755	4.50668	8.70681	0.791993	0.578995	0.414075	-3.08535	-0.13795	2.947403	0.21046	0.85129	0.246197
CTD-2540L5.5__linc	11.4473	2.94997	7.34234	7.27963	7.09033	2.70548	3.43785	8.51686	5.12507	0.348403	0.348037	-0.00037	0.640192	0.731042	0.999473
CTD-2540L5.6__linc	2.08903	0.528964	3.71185	0.667371	0.330623	2.70476	0.324427	1.39823	1.12895	0.773571	1.150395	0.376824	0.135004	0.381469	0.745917
CTD-2540M10.1__lir	0	0	0.904946	0	2.5201	73.0158	0.658041	0	0	-6.38319	0.459654	6.842841	0.402837	0.872598	0.408302
CTD-2541J13.1__lin	0.101442	0	0.02771	0	0.138273	2.56722	0	0.151342	0.070362	-4.38875	-0.77957	3.609185	0.415607	0.714435	0.42568
CTD-2542L18.1__lin	0.076158	0.089799	0.161043	0.236516	0.453266	0.969269	0.132907	0.120371	0.083024	-2.343	-0.04047	2.302529	0.146043	0.946931	0.198106
CTD-2544M6.1__linc	0.041735	0.068365	1.23303	0	1333.84	1161.52	0.08172	0	0.092408	-10.8594	2.947374	13.80681	0.185485	0.409706	0.185472
CTD-2547L24.4__lin	0	0	0	0.196004	2.41728	0.562329	0.387292	0	0.107467	#NUM!	#NUM!	2.682237	0.263546	0.289298	0.372635
CTD-2554C21.1__ps	32.8244	11.7817	9.94769	5.35406	3.51392	238.001	4.19021	11.659	8.78409	-2.17799	1.14707	3.325064	0.516933	0.397217	0.440594
CTD-2555A7.2__linc	0	0.098291	0.097354	0	0.415833	4.74695	0.081727	0.075924	0.060503	-4.72184	-0.1571	4.564734	0.384653	0.859359	0.392531
CTD-2555C10.3__lin	0.552485	1.30479	0.407896	3.25705	4.97748	61.9657	2.04001	0.297404	0.590987	-4.95378	-0.37049	4.583291	0.364579	0.787958	0.369131

CTD-2555K7.2__pro	20.866	9.88901	8.28533	8.20986	8.84169	1072.35	4.13361	9.8463	5.94961	-4.80243	0.970059	5.772485	0.430126	0.346917	0.420991
CTD-2555O16.2__ar	0	0	0	0	39.9278	4.61532	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.360173	#DIV/0!	0.360173
CTD-2560E9.3__ant	0.521882	0.314427	1.06421	0.963901	5.10683	3.33367	0.370011	0.139993	0.34151	-2.30694	1.158291	3.465234	0.185797	0.201847	0.152829
CTD-2561B21.5__an	0	0	0	0	0	1.43658	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
CTD-2561J22.5__prc	0.049316	1.74127	0.406818	0.024633	18.9253	9.00876	0.821037	1.43841	0	-3.66942	-0.04017	3.629255	0.226026	0.96121	0.246337
CTD-2562J15.6__an	1.21037	0.479439	2.58882	2.7465	17.7302	59.2993	1.00868	1.69516	2.75689	-4.22073	-0.35195	3.868789	0.264902	0.451265	0.27028
CTD-2562J17.4__lin	0.040969	0.024794	0.328884	3.27279	42.5527	38.4988	0.822794	0.044856	0.089343	-7.73924	-1.27795	6.461295	0.153392	0.603065	0.160626
CTD-2571L23.6__an	17.5976	13.6687	9.47738	10.8665	17.2048	11.8464	5.10874	11.731	10.0013	0.029548	0.602136	0.572588	0.94012	0.365436	0.074313
CTD-2571L23.8__lin	1.89952	2.53952	5.96075	13.6718	100.521	217.355	3.38313	1.59734	2.00457	-4.99459	0.574214	5.568805	0.205234	0.544581	0.210033
CTD-2572N17.1__lin	0	0	0	0	48.6409	3.83947	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.379008	#DIV/0!	0.379008
CTD-2576F9.1__pse	16.7431	8.44575	1.72505	39.7165	8.24612	25.0439	1.14336	4.70404	5.00296	-1.43967	1.310609	2.750282	0.187062	0.433585	0.17717
CTD-2582D11.1__lin	0.053117	0.041761	0.088596	0	23.9429	18.3223	0.104077	0	0	-7.84775	0.817922	8.665675	0.191812	0.584818	0.192627
CTD-2586B10.1__lin	0	0	0.96818	0	6.65553	16.7897	0.656553	0	0	-4.59788	0.560364	5.158239	0.243951	0.846198	0.271992
CTD-2587H24.10__l	0.15661	0.877616	1.72821	0.154769	1.8633	4.41421	0.701854	0.042586	0.339078	-1.21939	1.350218	2.569607	0.259464	0.433159	0.313262
CTD-2587H24.5__ar	0.041388	0.175737	1.45818	0.330734	15.3279	17.743	1.62953	0.163319	0.401441	-4.31742	-0.38933	3.928093	0.176592	0.842927	0.219119
CTD-2587M23.1__lir	0.009716	0.057284	0.165427	0.077559	0.228884	0.223626	0.405491	0	0.021178	-1.18941	-0.87634	0.313064	0.111849	0.736202	0.866814
CTD-2589M5.4__ant	0	0	0.426245	0.812049	1.95302	2.00661	0.816074	0.456636	0	-3.48474	-1.57815	1.906593	0.049796	0.524468	0.192958
CTD-2591A6.2__linc	0	0	9.98932	0	84.769	36.5986	0	0	0	-3.60285	#DIV/0!	#DIV/0!	0.276238	0.42265	0.241093
CTD-2616J11.2__an	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
CTD-2619J13.14__li	0.575439	0.375601	1.24194	1.27572	1.98393	12.5965	1.44143	0.510695	0.678153	-2.85408	-0.26232	2.591755	0.313408	0.757734	0.36421
CTD-2619J13.8__prc	28.5159	0.301629	2.06742	0.152506	2.56094	5.92601	0.363186	0.910657	0.268327	1.837892	4.32387	2.485979	0.552707	0.399609	0.305161
CTD-2621I17.6__linc	0	0	1.4324	0	2.99663	13.0311	1.1242	0	0	-3.48406	0.349536	3.833599	0.296583	0.902278	0.358749
CTD-2623N2.11__lin	0.411762	0.486311	0.817406	0	1.06367	28.6722	0.693245	0.110595	0.329542	-4.11552	0.597977	4.713498	0.419406	0.503626	0.41786
CTD-2623N2.5__linc	0.106056	0.09382	0.337172	0	1.69977	8.6773	0.419104	0.093497	0.057571	-4.27221	-0.08635	4.185859	0.331159	0.954437	0.354986
CTD-2632K10.1__ar	0	0	0	0	38.9007	4.92906	0	0	0.058026	#NUM!	#NUM!	9.560988	0.354654	0.42265	0.355389
CTD-2643I7.1__sens	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
CTD-2651B20.3__ar	0.048165	0.085193	0.192911	0.224107	1.98555	1.43013	0.423629	98.7869	0.053849	-3.47972	-8.24907	-4.76935	0.158883	0.421272	0.429727
CTD-2655K5.1__ant	0	0.142483	0.253465	0	5.96595	1.48021	0.504068	0	0.124786	-4.23311	-0.66741	3.5657	0.316039	0.750704	0.358828
CTD-2659N19.10__e	42.2493	19.4685	33.91	23.5502	9.32674	16.4657	13.1256	46.0673	26.2961	0.954595	0.161691	-0.7929	0.028627	0.85428	0.470807
CTD-2666L21.1__lin	0.339251	1.31374	0.394555	2.72173	4.81407	1626.12	0.265119	0.763649	0.747626	-9.63999	0.204944	9.844937	0.420563	0.762025	0.420341
CTD-3006G17.2__ps	0	0	0.652468	0	24.3852	73.0158	0.574194	0	0	-7.22189	0.184369	7.406255	0.268509	0.948005	0.27382
CTD-3018O17.3__pr	0	21.3926	1.21275	0.357129	3.82971	31.7692	0	0.092067	0.045372	-0.66957	7.361729	8.031299	0.781308	0.391921	0.352646
CTD-3032H12.2__lin	0.363577	0.201049	0.303018	0	3.49589	3.29051	0.085545	0.301995	0.110826	-2.96747	0.799898	3.767369	0.23423	0.395591	0.194609
CTD-3049M7.1__linc	61.3061	25.4838	44.2483	24.9613	44.1787	989.714	12.7449	30.8373	37.8601	-3.01444	0.686137	3.700582	0.433956	0.418846	0.407255
CTD-3060P21.1__ar	0	0	0	0	0	3.33575	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265

CTD-3064H18.4__ar	0	0	0	0	0	0	1.22524	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
CTD-3076O17.2__ar	0	0.058563	0.136749	0.099023	1.99852	2.42902	0.073066	0.067876	0.054092	-4.53456	0.002056	4.536616	0.167732	0.99855	0.182949
CTD-3080P12.3__ar	0.017311	0	0.43311	0.114865	1.92769	2.29948	0.764787	0	0	-3.26903	-0.76379	2.505241	0.163172	0.789904	0.327295
CTD-3092A11.1__ps	6.76935	1.50016	2.36382	15.7674	12.7368	11.0783	0.82095	3.62673	1.95252	-1.89627	0.732405	2.628674	0.006764	0.613931	0.029495
CTD-3105H18.13__l	0.106112	0.017876	0.151741	0.080527	2.10758	0	0.133733	0.215351	0.132002	-2.98836	-0.80304	2.185316	0.473069	0.408286	0.480627
CTD-3105H18.7__ar	0	0.059776	0	0	32.2424	105.531	0.692414	0.384838	0	-11.1704	-4.17165	6.998798	0.279347	0.232024	0.284073
CTD-3118D7.1__ser	0.008696	1.02031	0.095818	0.20833	0.232893	5.82947	0.042682	0.20934	0	-2.47893	2.158077	4.637002	0.48696	0.383456	0.404157
CTD-3126B10.1__ar	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
CTD-3138B18.5__ar	2.92566	8.41562	17.5865	5.47678	7.86958	75.3518	4.27308	2.80334	1.82452	-1.61645	1.700426	3.316875	0.403218	0.311162	0.374982
CTD-3148I10.15__pr	126.617	176.385	400.118	80.8957	63.8049	45.6486	226.406	182.614	128.148	1.885122	0.388398	-1.49672	0.209943	0.669345	0.024052
CTD-3187F8.11__lin	0	0	0.547977	0	2.20547	19.2216	1.26915	0	0.470238	-5.28918	-1.66639	3.622783	0.358917	0.459028	0.399326
CTD-3187F8.14__an	3.87153	0.429501	0.763692	0.231608	6.44325	5.70031	1.4684	1.00403	0.509438	-1.28889	0.764267	2.05316	0.508639	0.515868	0.288263
CTD-3187F8.2__anti	0	0	0.196779	0	3.16124	124.719	0.665459	0	0	-9.344	-1.75777	7.586228	0.408183	0.610066	0.411294
CTD-3193K9.3__ant	0.284942	0.235625	1.10218	0.441441	3.26644	6.47396	0.686164	0	0.97045	-2.64949	-0.0298	2.619689	0.199066	0.959566	0.231476
CTD-3194G12.2__lin	0	0	0.411247	1.38262	0	5.45113	0.33046	0	0.610814	-4.0546	-1.19461	2.859991	0.290477	0.207317	0.313188
CTD-3214H19.6__ar	0	0.784983	0	0	5.04384	8.92307	0	0	0	-4.15321	#DIV/0!	#DIV/0!	0.230268	0.42265	0.213284
CTD-3222D19.5__se	0	0.948587	0.358545	0.207405	0.264649	10.6561	0.077887	0.195426	0	-3.08974	2.257777	5.347515	0.450689	0.28755	0.411938
CTD-3252C9.2__ant	0	0	2.52047	3.36592	7.77402	2.42582	1.74314	0	0	-2.42821	0.532004	2.96021	0.24728	0.853553	0.177994
CTD-3253I12.1__ant	0	0	0.041415	0	123.025	79.1978	1.16582	0.045187	0	-12.2535	-4.86992	7.383594	0.20207	0.42158	0.206627
CXADRP3__lincRNA	0.014304	0.037487	0.064749	0.044268	129.049	2.85177	0.039582	0.019669	0.059014	-10.1449	-0.02119	10.1237	0.410181	0.968356	0.410271
CYP1B1-AS1__antis	10.8072	2.05744	5.02723	0.123389	7.78497	13.181	2.04019	1.99373	0.158124	-0.23721	2.093578	2.330789	0.873637	0.211295	0.321619
CYP2G1P__pseudo	0	0.083571	0.496974	0.109929	2.20338	2.00113	0.859349	0.051666	0.064335	-2.89369	-0.74851	2.145181	0.17136	0.763213	0.355336
CYP4A22-AS1__linc	3.43972	0.123036	10.5347	5.74469	3.55768	18.3927	3.65935	0.189234	3.26681	-0.97419	0.986419	1.960614	0.115944	0.445632	0.240112
CYP4F29P__pseudo	0	0.078625	0.167898	0.03987	0.266238	3.39378	0.085664	0.014041	0.125629	-3.90769	0.129652	4.037343	0.383026	0.89391	0.388066
CYP4F30P__pseudo	0	0.317534	0.724356	0.059237	0.560905	0.760332	0.630747	0.004718	0.053262	-0.40596	0.597198	1.003159	0.227488	0.79037	0.625274
CYP4F35P__lincRN	0.056236	0.150708	0.493227	0.310558	0.521588	3.84076	0.175584	0.083883	0.399261	-2.73854	0.088026	2.826566	0.320921	0.855814	0.332463
CYP4F43P__pseudo	0.054088	0.128893	0.243004	0.182171	0.523939	3.59393	0.327645	0.033258	0.078529	-3.33548	-0.04484	3.290638	0.337585	0.976701	0.372569
CYP4Z2P__pseudog	0.028332	0	1.04677	0	6.1408	637.473	0.195488	0.712902	0.179021	-9.22558	-0.01642	9.209154	0.417132	0.993741	0.417931
CYP51P1__pseudog	13.1841	16.8282	28.2746	62.8773	23.3591	87.5712	12.1681	9.68834	192.418	-1.57625	-1.87822	-0.30197	0.140973	0.451866	0.800763
CYP51P2__pseudog	7.0244	8.05636	11.0364	3.39012	2.91524	5.6056	8.18061	7.87512	11.4724	1.132708	-0.07591	-1.20862	0.013549	0.34773	0.004095
DACT3-AS1__antise	0.602077	0.477377	1.59873	0.206944	7.62861	6.55799	0.235481	0.20438	0.207713	-2.42609	2.048138	4.474233	0.223572	0.199302	0.187664
DANCR__processed	14.5537	8.96608	12.1263	10.1416	3.49572	6.14157	15.87	23.661	26.3555	0.849782	-0.88624	-1.73602	0.007574	0.148218	0.085887
DAOA-AS1__antisen	0	0	0.176418	0	2.16763	12.0404	1.44841	0.026142	0.039063	-6.33156	-3.10093	3.230637	0.328283	0.469447	0.403003
DBIL5P2__pseudoge	0	0	0.198555	0.191454	0.134762	0.155092	0.247377	0	0.098103	-1.27742	-0.79906	0.47836	0.314452	0.682289	0.499357
DBIL5P__pseudoger	0.132288	0.025998	0.099356	0.073301	5.19059	0.137354	1.14903	0	0.132119	-4.38985	-2.314	2.075854	0.425049	0.419299	0.551257

DCLRE1CP1__pseu	8.2997	0.449088	0.836456	0.172804	5.33498	810.632	0.549976	0.606162	0.301954	-6.41186	2.716733	9.128591	0.425	0.39609	0.419559
DCTN1-AS1__antise	0	0	0	0	0	3.07555	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
DDX11-AS1__antise	2.5894	4.10178	2.5107	5.97802	17.166	3.88985	1.62028	3.52982	3.60335	-1.55477	0.072077	1.626844	0.241141	0.834938	0.262894
DDX11L10__pseudo	0.453384	0	0.394196	0.497513	0.952386	0.761608	0.59612	0.094519	0.429122	-1.38361	-0.40177	0.98184	0.229301	0.100599	0.318804
DDX12P__pseudoge	0.87093	0.657261	1.09936	1.44481	2.77234	1.73427	0.970345	1.20943	1.24913	-1.17952	-0.38403	0.795486	0.158933	0.20326	0.145254
DEFB122__pseudog	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
DGCR11__sense_in	0	0	0	0	25.5815	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
DGCR5__antisense	0.103829	0.150867	0.521153	0.848071	1.46544	9.82007	0.721191	0.115751	0.0692	-3.96709	-0.22396	3.743125	0.303947	0.901785	0.341555
DGKZP1__pseudoge	5.38149	3.26151	5.01917	4.52429	4.0649	4.93802	2.55843	5.6163	5.1407	0.014322	0.037088	0.022765	0.933834	0.945574	0.951334
DGUOK-AS1__antis	12.4249	6.87577	6.87786	5.13473	5.34266	24.054	9.25249	8.72521	11.3017	-0.39952	-0.1615	0.238022	0.742415	0.68861	0.780606
DHRS4-AS1__proce	8.2871	3.50459	3.90019	82.4427	4.94674	1349.61	4.89508	1.04232	3.86723	-6.5169	0.678483	7.195381	0.39114	0.189095	0.388722
DIAPH3-AS1__antis	0	0	0	0	2.69127	11.182	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.30358	#DIV/0!	0.30358
DICER1-AS1__antis	0	3.7649	0	1.16977	4.65352	2.24774	2.85551	1.85304	2.40234	-1.10014	-0.91742	0.182723	0.074133	0.539266	0.8306
DIO2-AS1__antisens	1.85178	0.817464	1.4232	4.64182	53.505	39.0984	1.04456	2.56226	2.73064	-4.57059	-0.63094	3.939651	0.170443	0.442496	0.162848
DIO3OS__lincRNA	0.291454	1.29379	1.2271	1.25458	1.30423	3.80382	0.201949	0.945524	0.253437	-1.17785	1.005409	2.183259	0.254865	0.214895	0.230031
DISC1FP1__process	0	0	6.09301	115.868	60.4742	337.008	2.15105	0	3.91505	-6.39664	0.006386	6.40303	0.176862	0.994925	0.179898
DLEU2__processed_	20.2507	35.0425	19.3816	33.6063	36.6059	461.106	27.9546	54.709	18.9215	-2.83088	-0.444	2.386887	0.403426	0.264592	0.439423
DLG1-AS1__antisen	0	0	0.922056	0	0	1.03897	0	0	0	-0.17223	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
DLGAP1-AS3__antis	0	0.059121	0.275703	0.099529	2.71665	17.0123	0.171605	0	0.054438	-5.88803	0.566807	6.454836	0.335873	0.780545	0.34102
DLGAP1-AS5__antis	0.011468	0	4.57586	0.045744	1.13219	3.90629	0.035641	0.308285	0	-0.14837	3.737483	3.885856	0.781972	0.465815	0.314468
DNAJB3__pseudoge	0	0	0.074657	0	20.6467	0.13035	0	0	0.081078	-8.1205	-0.11903	8.001472	0.421094	0.42265	0.421274
DNAJB8-AS1__antis	0	0.053089	0.347885	0.179254	3.33268	6.02354	0.32208	0.129092	0.20148	-4.57172	-0.70281	3.868919	0.195761	0.598451	0.228424
DNAJC27-AS1__ant	0.996494	0.793159	1.01573	5.28028	33.9655	13.6536	1.67459	0.985636	0.506914	-4.23698	-0.17498	4.061998	0.191128	0.759749	0.195406
DNAJC3-AS1__lincR	1.56077	2.38569	1.61172	7.34528	18.9253	3.49764	6.74372	1.42841	1.35119	-2.42109	-0.77685	1.644236	0.206858	0.566183	0.337329
DNAJC9-AS1__antis	25.2547	9.67973	11.4657	6.23756	38.6024	317.673	12.6728	14.4106	29.7013	-2.96583	-0.29137	2.674458	0.407745	0.735348	0.389353
DNM1P34__pseudog	0.03975	0	0	0	0	13.4787	0.269024	0	0	-8.40553	-2.75872	5.646803	0.424355	0.42265	0.434286
DNM1P35__antisens	0	0	0	0	0	7.14845	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
DNM1P46__pseudog	0.114326	0.235324	0.129822	0.038028	3.88987	20.938	0.070644	0.114801	0.083069	-5.69658	0.836448	6.533026	0.333571	0.107418	0.329933
DNM1P47__pseudog	8.32749	0	2.60111	4.06917	55.6807	4.08164	3.59749	20.3562	2.90188	-2.54616	-1.29711	1.249047	0.453242	0.560041	0.396049
DNMBP-AS1__antis	0	0	3.62308	10.8262	3.67733	10.1155	1.78748	0	0	-2.76449	1.01929	3.783775	0.078063	0.737679	0.062131
DOC2GP__pseudog	0	0.127647	0.576504	0	0.522585	0.444326	0.854148	0	0.27351	-0.4575	-0.67937	-0.22187	0.635737	0.732845	0.908636
DOCK9-AS2__antise	0.126312	0.198699	0.336295	0.277127	0.440143	6.14837	0.246203	0.091539	0.227746	-3.376	0.225821	3.601825	0.384422	0.714858	0.386711
DPH3P1__pseudoge	0	0	0.090603	0.159715	2.37507	4.00937	0.324739	0	0	-6.1745	-1.84165	4.332854	0.187378	0.599046	0.229936
DPH6-AS1__lincRN	17.0692	38.6515	19.5434	3.32012	60.0652	1161.52	2.90566	2.28007	2.74739	-4.02456	3.246002	7.270566	0.418919	0.085162	0.394405
DSCAM-AS1__antis	0.027752	0	0.360707	0.073409	0.501669	0.23758	0.189913	0.090759	0.210851	-1.06489	-0.3395	0.725389	0.527719	0.750744	0.566746

DSCR10__lincRNA	0	0	2.64818	0	0	2.25959	0.190642	0	0	0.22894	3.796063	3.567123	0.42265	0.465596	0.473232
DSCR4-IT1__sense_	0	0	0	0	1.95103	2.92236	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.199254	#DIV/0!	0.199254
DYX1C1-CCPG1__p	28.8461	22.5262	23.8816	6.61166	6.72773	273.55	6.0375	30.2324	9.89353	-1.93066	0.705016	2.635672	0.513494	0.396802	0.474946
EAF1-AS1__antisen:	8.62372	6.79512	4.88177	3.23208	2.32761	3.32077	3.23552	7.0123	8.06646	1.192817	0.148554	-1.04426	0.080917	0.816884	0.183223
ECEL1P2__pseudog	0	0	0.169822	0.22483	3.81431	4.01941	0.118656	0.052922	0.052698	-5.56842	-0.40125	5.167176	0.160282	0.820271	0.172734
EEF1A1P12__pseud	21.1426	0	0	0	0	0	0	16.6807	0	#DIV/0!	0.341973	#NUM!	0.42265	0.904344	0.42265
EEF1A1P25__pseud	15.5167	10.2031	5.64397	13.8039	26.4121	2.509	16.9999	21.2317	17.9853	-0.44598	-0.8419	-0.39592	0.604807	0.13651	0.531605
EEF1A1P9__pseudo	2.8017	6.97246	3.73662	0	0	2.3163	6.08106	5.95592	5.28338	2.544217	-0.35836	-2.90257	0.154853	0.415912	0.039006
EFCAB14-AS1__ant	0	0	0.270311	0.662414	0.245645	8.51284	0.452516	0	0	-5.12317	-0.74335	4.379824	0.361386	0.800426	0.392192
EFCAB6-AS1__antis	0	0	0	0	3.97084	398.421	0.201956	0	0	#NUM!	#NUM!	10.96034	0.416925	0.42265	0.417217
EFTUD1P1__pseudc	0.75961	0.469444	3.43859	0.495605	10.781	40.2585	0.262376	0.58373	0.429552	-3.46479	1.871453	5.336242	0.292345	0.358331	0.294228
EGFEM1P__pseudo	0.067962	0.207124	1.52923	0.184646	167.441	403.468	116.199	0.076121	0.057637	-8.30613	-6.01066	2.29547	0.245007	0.430663	0.41899
EGFLAM-AS2__anti:	0	0	0.161413	0	9.29166	0.239719	0.932767	0	0.097476	-5.88386	-2.67416	3.209701	0.417805	0.463484	0.474473
EGFLAM-AS4__anti:	0	0.045894	0.155751	0.283842	1.84752	11.8464	0.342993	0	0.063475	-6.11517	-1.01132	5.103847	0.327789	0.66981	0.343056
EGLN3-AS1__antise	0.268733	1.04969	0.358319	0.789277	1.95043	6.85911	0.262591	0.065073	0.032393	-2.5172	2.219366	4.736562	0.305262	0.26706	0.248926
EGOT__lincRNA	0.29613	0.324304	1.01574	3.6232	0.338237	6.09682	1.34598	0.32323	0.482841	-2.61998	-0.39539	2.224596	0.199387	0.747025	0.246543
EHHADH-AS1__anti	0	0.86522	0.466089	0	8.25355	16.7206	0.630913	0	0	-4.22952	1.077332	5.306851	0.235492	0.653748	0.246701
EIF2B5-AS1__antise	0	0.077143	0.195327	0	28.1638	11.2142	0.285221	0.07073	0.211007	-7.17515	-1.05714	6.118005	0.251674	0.404941	0.257348
EIF2B5-IT1__sense_	0	0	0.790876	0	0.555702	0.631836	0.233021	0	0.155186	-0.58645	1.026625	1.613076	0.603792	0.656628	0.399338
EIF2S2P4__pseudog	33.2653	62.5028	67.2852	36.2388	29.2216	24.0415	38.5174	43.007	47.3788	0.865353	0.339056	-0.5263	0.22295	0.304622	0.163674
EIF3FP3__pseudoge	65.9992	19.9695	16.2339	31.5363	18.28	14.544	19.922	31.7195	41.2832	0.667189	0.137298	-0.52989	0.367554	0.900335	0.486263
EIF3J-AS1__lincRN/	1.32633	1.77425	5.5391	1.88486	87.5953	10.3054	0.909744	1.58962	1.24586	-3.52978	1.205926	4.735707	0.387784	0.345475	0.358876
EIF4A1P7__pseudog	321.255	0	1.78555	0	9.7795	0	0	0	0	5.045811	#DIV/0!	#DIV/0!	0.437286	0.41945	0.42265
EMBP1__pseudoger	1.1103	0.052366	0.242998	0.309364	0.125094	16.7206	0.466712	0.732922	0.096869	-3.60931	0.116626	3.725937	0.448821	0.933519	0.449617
EMCN-IT1__sense_i	0	0.293271	0	0	0.775887	0	0	0	0	-1.40361	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
EMCN-IT2__sense_i	0	0	0	0	0	0	0	0	0.071826	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
EMCN-IT3__sense_i	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
EMX2OS__antisense	0.16317	0.115443	1.40988	0.173602	456.324	12.5867	0.92686	0.047589	0.081119	-8.11797	0.677716	8.795683	0.408669	0.761801	0.408002
ENO1-AS1__antisen	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
ENPP7P4__pseudog	0.767174	23.8211	1.23634	4.10547	12.4507	38.7252	2.5206	1.94846	0.699108	-1.09805	2.321022	3.419068	0.567445	0.456659	0.26718
ENPP7P8__pseudog	1.73827	28.3924	1.22727	3.92531	26.5103	14.2177	1.66995	1.16468	6.09236	-0.50994	1.812585	2.322521	0.423155	0.53178	0.227803
ENTPD1-AS1__antis	7.04498	11.5584	17.9833	183.934	110.637	200.636	7.49624	389.143	4.45057	-3.75864	-3.45453	0.304106	0.029698	0.44301	0.858363
ENTPD3-AS1__antis	6.09163	1.6467	4.29138	7.46937	68.0973	32.271	2.39174	0.726379	9.22718	-3.16419	-0.03736	3.126828	0.232955	0.970786	0.22766
EPN2-AS1__antisen	0	0	0	4.87809	15.6804	0.076202	1.0626	0	0	#NUM!	#NUM!	4.279401	0.274536	0.42265	0.299797
ERVH48-1__lincRNA	0.139296	0.07665	0.84094	0.172993	29.1231	31.7692	0.847888	0	0.030365	-5.85246	0.26711	6.119572	0.183447	0.904449	0.193401

ERVK3-1__processe	11.6573	289.502	7.11619	411.794	41.8363	43.9697	6.09634	81.005	106.503	-0.69077	0.671109	1.361875	0.76843	0.713447	0.574365
ESPNP__pseudoger	23.7205	14.1622	1.69978	16.9526	13.3016	7.08833	1.46128	3.56202	3.33398	0.084042	2.243757	2.159714	0.851246	0.270376	0.104132
ESRG__sense_intro	0	0	0.142588	0.182084	1.78198	0.994742	0.806767	0.056158	0.053688	-4.37509	-2.68446	1.690631	0.180317	0.450727	0.428359
EXOC5P1__pseudoq	102.76	15.8819	15.9308	5.69948	9.30466	7.30875	6.30291	12.375	11.0562	2.592436	2.178195	-0.41424	0.336368	0.373694	0.12237
F11-AS1__antisense	7.88168	2.24531	0.928745	4.57552	14.2549	113.091	0.901037	0.142983	0.115567	-3.57681	3.253112	6.829924	0.381651	0.221117	0.337252
FAHD2CP__pseudoq	0.818579	1.37999	1.92168	2.01911	0.858843	12.8976	1.08325	2.17997	4.01316	-1.93689	-0.82049	1.116398	0.391226	0.191875	0.456634
FAM138B__lincRNA	0	0.124346	0.525703	0	1.51337	1.08492	0.594002	0	0.338332	-1.99894	-0.5203	1.478644	0.248804	0.743401	0.462359
FAM138D__lincRNA	0	0.107386	3.41924	0.534508	2.31883	2.12033	1.38198	0	1.51098	-0.49602	0.285742	0.781764	0.681102	0.844886	0.527593
FAM13A-AS1__antis	2.82768	1.93505	1.93628	3.68312	7.68692	67.1655	1.12463	1.61241	2.23933	-3.55133	0.428854	3.98018	0.366679	0.434788	0.349226
FAM155A-IT1__sens	1.79586	2.37228	1.07118	13.0308	4.08456	32.3216	1.94833	0.921613	2.05591	-3.23814	0.089006	3.327145	0.232619	0.897167	0.206488
FAM157A__lincRNA	0.412432	0.633378	0.934671	0.602948	6.11307	1.67302	1.0078	0.281926	0.496848	-2.08265	0.148655	2.23131	0.331227	0.863195	0.360665
FAM157C__processi	0.001431	0.739914	4.92184	1.45373	24.3324	23.695	3.3634	0.019018	2.5826	-3.12719	-0.07491	3.05228	0.161897	0.958096	0.221132
FAM170B-AS1__ant	0	0	0.331673	0.040004	5.61752	10.3947	0.295267	0.082293	0.108886	-5.59687	-0.55252	5.044351	0.212463	0.764184	0.230797
FAM172BP__pseudc	0.129815	0.015308	0.077984	0.086262	56.1082	0.124308	0	0.07096	0	-7.97974	1.652648	9.632386	0.422622	0.455549	0.420482
FAM181A-AS1__pro	0	0	0.274267	0.139759	9.69533	3.58077	0.185232	0.121323	0.06877	-5.61221	-0.45256	5.159655	0.259386	0.80686	0.261717
FAM182A__processi	0.062981	0.172535	0.209403	0.05453	0.993297	0.283828	0.534386	0.097171	0.053675	-1.58161	-0.62305	0.958557	0.378822	0.723698	0.641914
FAM21FP__pseudoq	3.6547	3.72736	4.09444	0	7.79498	2.78623	1.87953	4.05536	4.08117	0.117178	0.196368	0.07919	0.908068	0.53293	0.925524
FAM222A-AS1__ant	0.770139	0.162778	0.852288	1.27249	600.983	142.556	2.35134	0	1.47589	-8.70464	-1.10021	7.604431	0.305065	0.30954	0.306994
FAM230B__processi	0.013308	0.040535	0.552709	0.040049	10.9162	9.1114	0.061388	0.001782	0.019621	-5.0481	2.873094	7.921192	0.188131	0.43652	0.187739
FAM27L__lincRNA	0	0	0.239801	0	0	2.98011	0.408773	0.130317	0	-3.63546	-1.16869	2.466768	0.42265	0.648442	0.531916
FAM35BP__pseudoq	1.4451	0.500706	0.659123	0.757268	1.12833	31.2702	0.754129	0.812375	1.18093	-3.66995	-0.07684	3.593104	0.424052	0.910595	0.416559
FAM41C__lincRNA	0.081094	0.201773	1.12738	0.226153	0.062235	13.8196	0.260318	0.082174	1.13991	-3.32249	-0.07199	3.250504	0.422471	0.806983	0.425116
FAM58BP__pseudoq	0.033078	0	0.066107	0.218357	7.45875	0.408036	0.096898	0	0	-6.34901	0.033658	6.382669	0.382679	0.985629	0.382669
FAM60BP__pseudoq	115.499	14.0256	5.11847	44.4476	2.78832	5.65768	5.75741	12.1143	91.2206	1.347975	0.303591	-1.04438	0.343893	0.894253	0.656164
FAM60CP__pseudoq	17.344	18.7611	11.9515	5.73819	7.24528	4.39038	8.99127	24.2712	15.845	1.467817	-0.03121	-1.49903	0.016578	0.943494	0.118177
FAM66C__antisense	1.01027	0.477927	0.250033	1.65093	2.43219	28.6016	0.26419	0.09239	0.055223	-4.23293	2.077593	6.310518	0.371458	0.111694	0.350223
FAM86C2P__pseudc	1.25972	0.302336	0.872567	0.563711	1.78403	8.91889	0.434171	0.627122	1.28411	-2.21029	0.053863	2.264148	0.378996	0.947327	0.333075
FAM86DP__pseudoq	1.72424	1.78801	2.1298	1.80824	3.54623	4.68428	1.32877	1.73564	2.88952	-0.83129	-0.07762	0.753665	0.181735	0.790157	0.090867
FAM86FP__pseudoq	0	0	0.765582	2.88155	2.03439	167.196	0	1.8237	1.52909	-7.81257	-2.13073	5.681841	0.40573	0.244477	0.411963
FAM86JP__pseudog	0.802207	3.65998	0.812864	0.445664	4.17858	4.7739	1.30505	0.271362	1.53417	-0.83319	0.762001	1.595191	0.406473	0.643041	0.294832
FAM86MP__pseudoi	0	0	0.908	1.32936	7.10723	5.19058	0	0	2.14644	-3.90765	-1.24118	2.666468	0.126158	0.42265	0.155098
FAM87B__lincRNA	4.92484	0.018293	0.131984	3.73567	1.39422	0	0.007602	0.870926	1.32824	-0.01549	1.201506	1.216993	0.982657	0.677309	0.577245
FAM90A27P__pseuc	0	0	0.308331	0.029927	1.08305	0.183064	0.696386	0.086274	0.03682	-2.07156	-1.41023	0.661331	0.477157	0.607776	0.772222
FAM92A1P1__pseuc	12.1735	2.71597	3.72876	4.76358	2.47608	2.60098	2.32213	10.2119	2.67651	0.919892	0.291645	-0.62825	0.324219	0.841638	0.617825
FAM99B__antisense	0.529901	0	0.136199	0.100037	1.66132	12.7092	0.450744	0.131969	0.180654	-4.44124	-0.19664	4.2446	0.371924	0.649414	0.373231

FAUP1__pseudogen	10.4587	151.161	18.1591	67.5603	94.5612	95.7651	8.52693	5.47963	129.455	-0.52051	0.325559	0.846073	0.59644	0.885635	0.410418
FBXL19-AS1__antisense	4.29205	2.51863	6.67136	5.26567	18.4446	5.81359	0.761007	0.321121	2.37963	-1.13084	1.961462	3.092305	0.420371	0.031976	0.207555
FCGR1C__pseudogen	2.19516	0.400573	0.753783	0.274033	0.432432	1.00236	0.692125	0.502584	0.407162	0.970948	1.064195	0.093247	0.511071	0.347284	0.915497
FDPSP1__pseudogen	485.187	41.4138	29.3564	253.509	12.141	31.2892	30.1472	32.3541	43.7988	0.904806	2.386831	1.482025	0.359631	0.429879	0.509999
FENDRR__lincRNA	0.360544	0.382077	0.180472	20.6801	2.17913	5.57221	1.57035	5.92566	2.47666	-4.94487	-3.43343	1.511435	0.247279	0.146427	0.459522
FER1L4__pseudogen	0.403587	1.12923	1.61714	2.05291	6.68603	6.47396	1.26758	1.15686	2.99749	-2.27189	-0.78347	1.488417	0.079033	0.194611	0.14069
FER1L5__pseudogen	0.03704	2.03066	2.553	0.233512	28.6481	246.483	1.0701	2.06514	3.16486	-5.89709	-0.44726	5.449825	0.362966	0.192776	0.365338
FGD5-AS1__antisense	23.0712	20.7028	10.8478	10.9309	7.79299	238.001	9.17478	24.3893	49.9621	-2.23267	-0.61275	1.619923	0.487875	0.599549	0.470297
FGD5P1__pseudogen	0.021593	0.040738	0.112469	0.103458	2.64986	5.51281	0.161091	0.037803	0.084741	-5.56343	-0.69833	4.865103	0.221173	0.558292	0.234961
FGF14-IT1__lincRNA	1.17189	0.106805	3.59979	0.079772	4.53529	53.1556	2.23886	0.030844	0.130961	-3.56583	1.022999	4.588831	0.386373	0.605905	0.39977
FLG-AS1__antisense	1.49556	1.39689	0.921418	4.07202	3.58974	398.421	1.7777	0.058089	0.809786	-6.73438	0.527674	7.262049	0.415744	0.508641	0.414223
FLI1-AS1__antisense	0	0.02876	0.719691	0	0.738012	0.116146	0.119274	4.62162	0	-0.1906	-2.66318	-2.47258	0.934467	0.504339	0.422715
FLNB-AS1__antisense	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
FLVCR1-AS1__lincRNA	0.182973	0.817496	0.697001	0.505895	17.166	0.246997	0.458327	0.484328	0.874852	-3.40002	-0.09857	3.301449	0.427466	0.851722	0.44313
FMO9P__pseudogen	0	0	0	0	1.65054	61.9657	0.112163	0	0.049815	#NUM!	#NUM!	8.617455	0.407481	0.238004	0.408516
FOLH1B__pseudogen	0.948552	0.170937	0.269831	0.158726	3.2333	110.877	0.149563	0.033347	0.12456	-6.36191	2.175859	8.537771	0.411028	0.241671	0.406168
FOXI3__processed	0.099892	0.058909	0.124872	0	0.079749	12.3342	0.073283	0.054476	0.027122	-5.45159	0.873068	6.324657	0.426408	0.266713	0.424913
FOXP1-AS1__antisense	0.478771	0.388259	0.627217	0.276833	0.158958	4.07231	0.292388	0.097817	0.162308	-1.5931	1.435338	3.028439	0.496894	0.060942	0.415995
FOXP1-AS1__antisense	0	16.195	7.50016	19.9059	0	53.1556	1.43597	0	0	-1.62452	4.044495	5.669014	0.455796	0.282252	0.265136
FOXP1-IT1__sense	1.50253	2.09168	0.924047	2.21773	0.63603	3.65033	1.02244	2.45808	6.9491	-0.52558	-1.20685	-0.68127	0.638576	0.436369	0.42674
FRY-AS1__antisense	0	0	0	0	1.55872	0	7.49624	0.816611	0	#NUM!	#NUM!	-2.41498	0.42265	0.363521	0.482336
FTH1P10__pseudogen	2.10318	3.47459	0	0.952949	3.07725	1.50208	2.75425	2.36042	6.01339	0.011815	-0.99644	-1.00826	0.986414	0.478974	0.342043
FUNDC2P2__pseudogen	1.20822	0.7903	0.47744	0.269221	0.281507	0.620167	0.516954	0.332523	0.607123	1.080376	0.765383	-0.31499	0.300701	0.298689	0.348705
FZD10-AS1__processed	0.097886	0.020986	0.026739	1.31033	0.572647	0.170742	0.096081	0.165519	0.116401	-3.81804	-1.37627	2.441777	0.177758	0.211205	0.245243
GABPB1-AS1__processed	1.27333	0	1.11548	3.13766	2.29831	13.8196	0	1.80186	1.47645	-3.01091	-0.45666	2.554252	0.253462	0.770295	0.27625
GABRR3__polymorphic	0	0	0	0	2.27113	2.70349	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.18657	#DIV/0!	0.18657
GACAT1__lincRNA	0	0	1.39391	0	1.53567	13.8044	0.125034	0	0	-3.4601	3.478745	6.938841	0.356119	0.47654	0.367579
GAPDHP60__pseudogen	593.232	26.3689	5.36259	7.7295	179.325	2.63515	80.7488	24.9237	349.692	1.720131	0.45675	-1.26338	0.584728	0.841407	0.603453
GAS5__processed	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
GATA3-AS1__lincRNA	0.018357	0.0938	0.577249	0.684885	0.850374	0.937219	0.408654	0.047327	0.235482	-1.84253	-0.0043	1.838235	0.038454	0.997721	0.066606
GBA3__polymorphic	48.7986	28.0658	12.9685	20.423	11.3951	26.7727	0.201886	41.0943	38.0114	0.61657	0.179785	-0.43678	0.494576	0.891874	0.682284
GBAP1__pseudogen	0	0	0	0	0	15.0513	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
GBP1P1__pseudogen	5.99696	0.742092	1.26577	1.30097	1.53659	12.8983	0.698219	3.63403	1.07781	-0.97511	0.565225	1.54034	0.644901	0.751951	0.504037
GCOM2__pseudogen	8.71134	10.3322	6.08622	2.74686	2.19038	2.08301	2.23906	9.32327	6.02639	1.839803	0.514746	-1.32506	0.037041	0.335367	0.252806
GDI2P2__pseudogen	15.5602	1073.49	335.551	9.40036	5.45266	6.75576	373.484	16.185	8.49443	6.042797	1.839125	-4.20367	0.275164	0.490519	0.40314

GDNF-AS1__lincRN	0.116095	0.065646	0.511566	0.414325	1.5533	18.4739	0.699645	0.147963	0.168632	-4.88186	-0.55167	4.33019	0.3675	0.726557	0.389196
GGT3P__pseudoger	0.106013	0.08338	0.140245	0.103942	8.56847	95.9374	0.129458	0.058579	0.311329	-8.30992	-0.59922	7.710706	0.373975	0.438293	0.373899
GHRLOS__antisens	0.70781	1.26196	0	0	1.41961	2.06606	0	0	1.32293	-0.82341	0.57429	1.397699	0.600294	0.809514	0.220734
GIMD1__lincRNA	0	0	0	0	3.28109	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
GLTPP1__pseudoge	0	0	0	0	0	0	0	0.088336	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
GLUD1P2__pseudog	0.082366	0.067629	0.309447	0.060656	0.675847	11.9432	1.52423	1.37965	1.65714	-4.78649	-3.3114	1.475093	0.394371	0.000802	0.549879
GLYATL1P2__pseuc	0	0	0	0.416465	1.26339	7.80343	0.715321	0	0.863294	#NUM!	#NUM!	2.586728	0.308341	0.187067	0.353622
GLYCAM1__pseudo	0	0	4.19814	0	2.59907	31.9494	0	0	0	-3.0408	#DIV/0!	#DIV/0!	0.371329	0.42265	0.377738
GLYCTK-AS1__proc	1.49179	1.16857	1.02137	3.28567	2.94102	7.12399	1.43199	1.70193	0.943738	-1.85846	-0.14736	1.711101	0.154589	0.578472	0.185137
GMPSP1__pseudog	18.9592	9.91887	10.2176	6.71041	3.06688	3.91864	7.87904	12.4707	14.6003	1.513262	0.161715	-1.35155	0.04675	0.803582	0.140633
GNAQP1__pseudog	5.93094	4.14342	5.16953	55.4963	2.48067	25.7566	1.46054	8.84485	3.67592	-2.45758	0.124732	2.582307	0.263592	0.890502	0.314166
GNAS-AS1__antisen	1.80245	0.097014	0.727194	1.34885	11.3162	183.916	1.19997	0.076441	1.57403	-6.22575	-0.11796	6.107795	0.389865	0.875707	0.387752
GNG12-AS1__antise	22.2254	31.9952	19.6992	16.1224	48.6409	66.378	14.4031	31.3417	21.8098	-0.82709	0.129907	0.956996	0.338367	0.547885	0.232592
GNRHR2__pseudog	12.595	6.91304	5.15297	5.00601	3.12385	2.08065	3.27352	5.73988	8.09098	1.272177	0.527866	-0.74431	0.075223	0.55679	0.412958
GOLGA2P6__pseud	0	0	0.196327	0	0.702257	1.82197	0.269012	0	0.10668	-3.68451	-0.93629	2.748219	0.241031	0.634794	0.337681
GOLGA6L3__pseud	0.064738	0.224397	2.88151	0	3.92879	6.52596	0.970641	0.150207	2.41663	-1.72131	-0.15794	1.563365	0.190786	0.792549	0.29518
GPHB5__processed	0	0	0	0	0	72.3795	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
GRIK1-AS1__antiser	0.036021	0.034774	1.61714	0.142538	67.8347	40.2585	0.701854	0	0.039023	-6.00277	1.187954	7.190727	0.211729	0.680837	0.213044
GRIP2__processed	0	0	8.77723	0	37.5408	63.0913	1.69369	0	0	-3.51918	2.373596	5.892777	0.196785	0.542497	0.22214
G RTP1-AS1__antise	0	0	0	0	0	12.0874	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
GS1-120K12.4__linc	0	0	0.02947	0	0.630669	0	0.148163	0	0	-4.41957	-2.32987	2.089698	0.450228	0.546372	0.569994
GS1-122H1.2__lincR	1.18932	0	1.7817	7.67606	11.715	899.74	1.02739	0	0	-8.27317	1.531974	9.805143	0.411012	0.372762	0.410932
GS1-204I12.1__lincF	0	0.128704	0	0.77411	7.69231	36.5986	0	0.785283	0.126505	-8.45181	-2.82464	5.627166	0.305939	0.323846	0.313413
GS1-204I12.4__lincF	0.036878	0.217524	0.184188	0	1.30399	36.9843	0.179903	0.200646	0	-6.44789	0.204789	6.652677	0.406442	0.856679	0.408504
GS1-279B7.1__lincR	0.357709	0	1.7311	0	12.8537	15.6548	0.460861	0.534287	1.03252	-3.77064	0.042859	3.813499	0.195196	0.960136	0.200618
GS1-410F4.4__lincR	0	0	0.012344	0	3.13613	7.28353	0.075523	0.053918	0.013428	-9.72128	-3.53281	6.188469	0.241203	0.187956	0.248648
GSTTP1__pseudoge	0	0	0	0	6.08776	0	0.391016	0	0.235575	#NUM!	#NUM!	3.280316	0.42265	0.207524	0.483524
GSTTP2__pseudoge	0	0.068386	0.094337	0	2.47026	13.5541	0.182068	0	0.142048	-6.62171	-0.9941	5.627613	0.330203	0.534688	0.335389
GTF2H2B__pseudog	1.44668	1.15293	0.57386	0.716305	4.61124	0.296922	0.950463	1.08706	0.980986	-0.82566	0.072225	0.89788	0.600871	0.861341	0.581789
GUCY1B2__pseudog	1.44678	3.76157	1.28721	1.85865	13.9799	227.522	4.39896	1.53189	0.245117	-5.2275	0.072789	5.300286	0.396138	0.951993	0.39842
GUSBP11__process	1.79222	1.85778	2.62043	5.42479	15.3279	288.191	1.59174	2.43751	1.80988	-5.62264	0.102811	5.725447	0.388801	0.755031	0.389608
GUSBP1__pseudoge	46.9283	77.9561	13.8548	75.4054	29.883	374.648	13.7218	18.0245	15.1588	-1.79047	1.564559	3.355027	0.46044	0.226302	0.314918
GUSBP3__pseudoge	7.4114	7.45134	7.8209	6.26985	42.6658	899.74	35.0375	5.73168	7.06966	-5.38619	-1.07653	4.309661	0.401061	0.475497	0.418168
GUSBP5__pseudoge	0.015142	0.035714	0.788648	0	2.03725	112.843	0.089059	0.033095	0.197789	-7.09638	1.391724	8.488102	0.412509	0.496249	0.412927
GUSBP9__pseudoge	4.28505	12.642	16.8345	2.76065	19.2311	67.3858	16.7364	10.6024	4.52248	-1.40453	0.083577	1.488108	0.370415	0.937766	0.488915

GVINP1__pseudoge	5.31955	0.268627	1.34504	5.03952	18.3935	148.178	1.25243	4.38645	1.01174	-4.62947	0.060036	4.68951	0.357362	0.971856	0.355964
H19__processed_tra	53.485	4.97562	17.7641	0.522863	2.58055	4.63358	0.363757	6.35523	1.74252	3.300414	3.171272	-0.12914	0.276038	0.295103	0.912072
H1FX-AS1__antisen	6.63713	4.85603	7.04006	0	6.48752	2.82472	1.19266	8.36932	0	0.992913	0.954732	-0.03818	0.337027	0.458663	0.959921
HAND2-AS1__antise	2.95668	1.29036	1.04239	0.236095	10.7322	8.72071	0.370177	0.178457	0.341865	-1.89621	2.570426	4.466632	0.333324	0.124601	0.194623
HAR1B__lincRNA	0.166515	0.074551	0.451699	0.230218	1.50426	11.7262	0.771712	0.092204	0.33505	-4.28024	-0.79135	3.488889	0.351379	0.526013	0.383932
HBBP1__pseudogen	0	0	0	0	1.40111	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
HBZP1__pseudogen	0	0	0	0	0	13.4916	1.01661	0	1.44481	#NUM!	#NUM!	2.454499	0.42265	0.195585	0.473244
HCCAT3__antisense	0.492237	0.106276	0	244.219	4.56069	7.28353	4.65521	0.905686	0.485099	-8.7409	-3.33653	5.404376	0.395215	0.262872	0.397769
HCCAT5__lincRNA	0	0.035334	0	0	1.6136	0	0.14635	0	0	-5.51307	-2.05029	3.462788	0.42265	0.574275	0.47716
HERC2P10__pseudc	0	0	1.21625	2.19024	2.16932	19.0677	0.623553	0.099457	0.197634	-4.26768	0.401725	4.669402	0.29213	0.857593	0.317811
HERC2P3__pseudoc	6.86655	2.15677	2.50774	2.2215	48.803	4.22859	1.68926	5.35671	1.69522	-2.26053	0.399624	2.660154	0.461869	0.737682	0.383006
HERC2P4__pseudoc	0.12154	5.26575	1.49291	3.48254	2.54813	8.40911	1.99727	0.508421	0.131967	-1.06953	1.383193	2.452719	0.46485	0.537123	0.212549
HERC2P5__pseudoc	0.056064	0.075571	0.129501	0	0.389475	0.686203	0.483495	0.193675	0.184156	-2.04237	-1.72176	0.320615	0.266978	0.224446	0.829063
HERC2P9__pseudoc	7.26277	7.78211	12.0382	7.18853	6.37112	12.9662	4.82377	8.27021	5.20777	0.029993	0.56541	0.535417	0.809685	0.302553	0.430002
HEXA-AS1__antisen	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
HHIP-AS1__antisens	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
HIF1A-AS2__lincRN	80.6255	7.64337	2.11418	2.11803	18.6658	56.3324	1.34003	72.8012	2.76266	0.229018	0.232996	0.003978	0.920249	0.92417	0.99839
HILS1__pseudogene	0.259929	0.306558	0.403337	0.522997	5.30437	118.169	1.27488	0.280169	0.306053	-6.99836	-0.94036	6.057997	0.397402	0.495483	0.402277
HLA-AS1__antisense	1.20325	0.689035	2.73508	3.154	17.6279	30.3928	0.70546	0.943679	0.783358	-3.46717	0.927753	4.394921	0.172881	0.375832	0.174126
HM13-AS1__antisen	0.527569	1.37677	1.31555	1.0721	2.19038	3.02564	0.319064	0.089041	0.442482	-0.96562	1.92048	2.886097	0.10102	0.12855	0.080445
HMGB1P5__pseudoc	83.2581	136.142	3.57468	54.7826	1.10084	36.4762	6.83484	91.3078	114.877	1.271546	0.065894	-1.20565	0.468484	0.959599	0.459032
HMGB3P1__pseudoc	0	0.044385	0.526109	0.049599	0.677512	0.213765	0	0.081868	0.122229	-0.72179	1.482953	2.204747	0.697847	0.478474	0.296514
HMG1P38__pseudoc	85.3985	39.3914	62.6538	6.52834	2.18505	8.02574	45.6548	28.5023	18.7722	3.485161	1.012252	-2.47291	0.042241	0.093517	0.09045
HMG2P46__pseudoc	15.1921	11.7205	9.97307	5.25563	7.26076	45.5891	3.83076	8.31965	6.95212	-0.65561	0.949297	1.604911	0.671055	0.161057	0.417795
HNF1A-AS1__antise	1.46401	2.53349	2.02824	3.91107	5.15491	438.263	1.11027	4.85618	8.94509	-6.21405	-1.30722	4.906835	0.415961	0.29771	0.418494
HNRNPA1P54__pse	0	0	0	3.27395	3.67733	27.366	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.287437	#DIV/0!	0.287437
HNRNPA3P1__pseu	0.052037	0.026844	0.169378	0.103845	0.198498	0.130993	0.08458	0.026684	0.148867	-0.80364	-0.06739	0.736249	0.417257	0.821821	0.424667
HNRNPA3P6__pseu	33.628	55.1328	53.3832	43.5089	24.861	32.7241	33.5427	39.2207	38.8214	0.491656	0.349213	-0.14244	0.37562	0.182027	0.672818
HNRNPF1__pseudoc	0	0	0	0	0	8.74639	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
HNRNPK2__pseudoc	198.861	193.997	190.158	96.1215	39.9542	72.6098	62.1145	145.576	718.086	1.482205	-0.66713	-2.14933	0.014601	0.638549	0.367866
HNRNPK3__pseudoc	0	0	0.032161	0	84.5797	288.191	0.908467	0	0	-13.5007	-4.82005	8.680639	0.283417	0.443437	0.285179
HNRNPK4__pseudoc	40.4014	20.2725	24.3643	14.2821	13.4446	7.97255	16.3606	30.4001	25.35	1.252217	0.237898	-1.01432	0.098082	0.714095	0.137294
HNRNPLP2__pseudoc	537.613	39.5754	47.0249	30.6276	30.5874	15.4959	31.2732	67.1885	42.5458	3.024536	2.146267	-0.87827	0.377809	0.449867	0.184436
HNRNPU-AS1__anti	181.515	106.19	23.7005	30.0239	239.823	16.1949	0	60.1613	14.2113	0.122568	2.065951	1.943383	0.927559	0.270129	0.329136
HOTAIR__antisense	0.61952	0.395918	0.828725	0.73725	0.535966	4.6007	0.58723	0.041839	0.166585	-1.67136	1.212753	2.884109	0.383918	0.194534	0.343217

HOXB-AS3__antisen	87.9409	128.789	19.1825	199.997	80.6842	48.4066	73.0805	33.6513	30.4745	-0.48022	0.781905	1.262126	0.571008	0.412199	0.188604
HOXC-AS3__antiser	0	0	0.115124	1.12794	0.223741	1.65151	0.112798	0.045723	0.056938	-4.70524	-0.90423	3.80101	0.131123	0.5706	0.152293
HOXD-AS1__antiser	0.348063	6.48082	2.36867	2.04168	48.8374	86.2914	0.24246	2.08391	0.979178	-3.89858	1.476361	5.374937	0.214164	0.262484	0.205684
HOXD-AS2__antiser	4.11276	3.67763	0.565363	5.40404	3.27255	0.792761	0.708514	1.63606	0.543385	-0.1805	1.53272	1.713215	0.53149	0.204739	0.236807
HPN-AS1__antisens	4.11769	3.54536	2.21467	7.76799	48.1805	31.4069	2.18299	0.120815	0.249835	-3.14465	1.951623	5.09627	0.163243	0.038247	0.149216
HSD17B7P2__pseuc	1.36028	6.59812	1.07764	5.18563	11.1724	9.26995	4.69163	1.90704	7.38189	-1.50396	-0.62966	0.874298	0.054608	0.665531	0.289801
HSFY1P1__pseudog	0	0	0.067733	0	0.120243	0	0.02209	0	0	-0.82802	1.616485	2.444507	0.780326	0.630114	0.536471
HSP90AA4P__pseuc	0.075255	0.088761	0	0	0	0.477788	0.171758	0.082079	0	-1.54253	-0.63006	0.912468	0.631613	0.463909	0.748601
HSP90AA6P__pseuc	0	0	0	0	0	0	0.489153	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
HSP90AB3P__pseuc	118.903	89.4622	69.7704	25.616	30.6884	18.8061	59.5271	73.8748	84.1972	1.888702	0.354116	-1.53459	0.034991	0.445756	0.036559
HSP90B2P__pseudc	135.297	233.868	4.42055	3.67192	14.0211	6.76509	6.93604	124.125	3.88457	3.933054	1.469061	-2.46399	0.213386	0.18416	0.421091
HSP90B3P__pseudc	1.21247	0.027036	0.091716	0.091097	4.65352	0	0.998912	0	4.38603	-1.83354	-2.01618	-0.18264	0.586098	0.45568	0.942762
HSPA8P5__pseudog	1518.88	873.96	1033.88	324.976	239.627	233.001	56.0913	960.762	1122.89	2.103084	0.679391	-1.42369	0.034012	0.493866	0.341385
HSPD1P1__pseudog	70.6918	57.8233	26.3317	9.91067	27.9528	10.1747	25.0758	58.0055	19.6216	1.688588	0.592365	-1.09622	0.114313	0.347059	0.097304
HTR3E-AS1__antise	0.063173	0	0.653844	0	8.02518	9.63854	0.247662	0.05177	0.10313	-4.62264	0.832797	5.455436	0.187838	0.688644	0.198396
HTR5BP__pseudoge	0	0.241319	3.11991	6.75301	2.46781	14.2501	0.530906	0	0	-2.80381	2.66246	5.466274	0.120937	0.485156	0.158758
HTT-AS__antisense	0	0	0	0	0	1.69208	0.561587	0	0	#NUM!	#NUM!	1.591216	0.42265	0.42265	0.633904
HUNK-AS1__antisen	0	0	0.294703	0	13.6958	2.81853	0.229678	0	0	-5.80831	0.359649	6.167962	0.327579	0.899521	0.327697
HYI-AS1__antisense	0	0	0	0	1.9737	17.7928	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.362516	#DIV/0!	0.362516
IDI2-AS1__antisense	15.0472	17.5976	19.9214	11.922	4.11123	5.51143	12.3358	12.9173	11.6466	1.286805	0.510526	-0.77628	0.103697	0.085046	0.174598
IFNG-AS1__antisens	5.91589	0.038991	0.742337	3.72954	1313.28	40.1295	1.17861	2.89622	2.14097	-7.66279	0.107622	7.770413	0.406563	0.951291	0.405039
IGBP1P1__pseudog	3.49665	2.44565	2.06428	2.36925	1.01826	2.69167	3.45415	1.96229	1.67263	0.397309	0.17559	-0.22172	0.421654	0.15049	0.669198
IGF2-AS__antisense	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
IGFBP7-AS1__antise	233.395	108.936	31.5349	45.7262	79.1601	25.6702	0	74.7678	62.855	1.312216	1.441801	0.129585	0.321814	0.426799	0.873652
IGHEP1__IG_C_pse	0	0	0	0	0	51.2381	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
IGHV4OR15-8__IG_	0.723856	0	0.154766	0.761548	3.19818	0	0.357845	0.767148	0	-2.17209	-0.3566	1.815485	0.444473	0.835361	0.335869
IGKV4-1__IG_V_ger	62.0985	1.47991	13.1573	89.3855	31.6942	14.6542	2.01934	135.689	5.31885	-0.82281	-0.89832	-0.07551	0.163896	0.740082	0.969071
IGLL3P__pseudoger	0	0	1.19841	0	7.68692	2.73054	0.808739	0	0	-3.11981	0.567375	3.687186	0.320932	0.84439	0.323256
IGLV4-60__IG_V_ge	0.622675	0	1.39084	0	2.31793	0	0	0.743642	1.84268	-0.20312	-0.36119	-0.15806	0.936642	0.690923	0.936064
IL10RB-AS1__antise	0	0	0	0	0	1.96053	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
IL12A-AS1__antisen	0.342061	0.216447	0.774107	2.29228	20.317	73.2715	1.45266	0.428792	0.912568	-6.16891	-1.06808	5.100827	0.274659	0.259331	0.283867
IL21-AS1__antisens	0.206942	0	0	0	152.22	148.732	0.438019	0.080154	0.374043	-10.5061	-2.10817	8.397925	0.18412	0.114716	0.18476
IL21R-AS1__antisen	0	0	0	0	4.62311	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
ILF3-AS1__lincRNA	1.09236	0.370571	0.561722	1.35143	1.50393	1.1935	0.579414	0.850357	1.41712	-0.99984	-0.49171	0.508129	0.116756	0.57109	0.330119
INTS6-AS1__antisen	5.72227	13.6308	8.01479	154.281	66.5216	19.0677	9.6861	7.78095	6.84612	-3.1317	0.170745	3.302445	0.223885	0.753762	0.205027

INTS6P1__pseudoge	27.4822	53.0738	20.7155	19.5942	7.78497	57.3175	16.6179	27.2906	12.9501	0.257851	0.832778	0.574927	0.837149	0.116906	0.669002
IPO7P2__pseudoger	144.352	40.8636	53.6129	101.948	56.5829	246.483	14.5496	57.7343	163.261	-0.762	0.019973	0.781969	0.515666	0.988897	0.189293
IPO8P1__pseudoger	115.286	137.062	156.516	135.482	8.61524	54.6877	62.9076	154.478	189.266	1.040413	0.007828	-1.03258	0.265594	0.980098	0.432073
IPO9-AS1__antisens	5.47028	11.584	4.21244	38.7091	19.7037	19.0677	3.57415	3.35734	3.88374	-1.86524	0.975533	2.840769	0.129935	0.285791	0.075222
IQCF5-AS1__antiser	0	0	0.075464	0	2.37782	17.4485	0.293492	0	0	-8.03742	-1.95947	6.077952	0.349692	0.584611	0.35969
IQCH-AS1__lincRNA	2.77723	1.52665	1.49759	14.7873	10.9527	61.9657	3.38104	2.07688	4.65266	-3.91818	-0.80138	3.116805	0.241772	0.236643	0.242063
ITGB2-AS1__antiser	0	0	0	3.99882	0	4.7185	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.186272	#DIV/0!	0.186272
JMJD1C-AS1__antis	0.82589	0	0	0	1.37148	2.97632	0.752618	1.55592	0	-2.39626	-1.48296	0.913306	0.398334	0.450448	0.617183
JRKL-AS1__lincRNA	0	0	0	0	46.1641	17.1353	0.764228	0	0	#NUM!	#NUM!	6.372045	0.257825	0.42265	0.266874
KCNC4-AS1__antise	0.184859	0.163586	0.184492	0	0	1.70115	0.315004	0.050198	0.04995	-1.67447	0.360325	2.034798	0.561069	0.689273	0.558507
KCNJ2-AS1__antise	0.303779	0.171944	3.75531	0.242299	2.22627	0.221161	0.154943	1.3368	0.291182	0.653549	1.246764	0.593215	0.782337	0.613585	0.416006
KCNQ1-AS1__antise	0.0297	0	0.511816	0	3.38061	579.152	0.11609	0	0.083216	-10.0711	1.442022	11.51314	0.419316	0.54811	0.419405
KCNQ1DN__antisen	0.029481	0	0.14735	0.194844	0	1.90118	0.374523	0	0	-3.56721	-1.08268	2.484529	0.371003	0.695786	0.479534
KCNQ1OT1__antise	3.40095	0.66351	2.27912	5.11737	43.9205	17.743	4.97339	2.06664	25.0218	-3.39607	-2.33749	1.058578	0.240952	0.349896	0.528156
KCTD21-AS1__antis	7.87815	2.31192	4.40937	4.62204	10.1168	17.4136	5.68918	7.17322	8.40968	-1.13902	-0.54305	0.595967	0.346693	0.422014	0.341034
KDM4A-AS1__antise	0	0	0	0	32.8713	28.2325	0	0	0.676825	#NUM!	#NUM!	6.496335	0.185846	0.42265	0.186644
KIF9-AS1__antisens	1.89257	0	0.955515	7.11217	39.9278	74.2234	1.40165	0	0.931483	-5.41201	0.287724	5.699731	0.182253	0.395111	0.179218
KIR2DS4__polymorp	0.006554	0	5.05156	0.023281	0.085992	3.92551	1.25563	0	0.01069	0.326109	1.997957	1.671848	0.476896	0.57846	0.610638
KIRREL3-AS3__anti	0	0	0.068829	0.022818	0.073428	0.246487	0.067384	0	0.037412	-2.31599	-0.6065	1.709494	0.1831	0.720695	0.39224
KLKP1__pseudogen	0	0.033638	0.702466	0.155348	3.21054	2.52977	1.35915	0.155413	0.063659	-3.00167	-1.10032	1.901352	0.187926	0.677313	0.393017
KLRAP1__pseudoge	10.4698	0	0	3.27279	0.665668	0.832902	1.47322	8.85581	0	1.133761	0.019529	-1.11423	0.547802	0.993562	0.619223
KMT2B__processed	1.50955	2.28992	2.45573	31.6312	1.99484	6.61127	2.67074	3.49245	1.76835	-2.68541	-0.34254	2.342861	0.354797	0.464535	0.365603
KRBOX1-AS1__antis	0	0	0	0	0.104997	0.402897	0.220121	0	0	#NUM!	#NUM!	1.206231	0.295712	0.42265	0.647219
KRT16P1__pseudog	0.0161	0	0.359341	0	1.02941	0.91514	0.14077	0	0.128017	-2.37278	0.482124	2.854901	0.225693	0.765672	0.257755
KRT16P2__pseudog	0	0.092045	0.227771	0.077627	0.249763	0.159896	0.0138	0.021304	0.02829	-0.60753	2.33482	2.942347	0.486887	0.302012	0.097822
KRT16P3__pseudog	0.05973	0	0.443209	0.103452	0.413392	0.310877	0.171742	0.034052	0.042397	-0.71876	1.018929	1.73769	0.570173	0.647767	0.28769
KRT16P4__pseudog	15.5193	124.73	101.552	4.96971	1.11789	115.125	394.165	56.9924	28.8428	0.996282	-0.98921	-1.9855	0.44214	0.648697	0.485404
KRT17P2__pseudog	0.032559	0	0	1.28081	1.3769	0	0	0	0	-6.35099	#DIV/0!	#DIV/0!	0.184482	0.42265	0.184037
KRT18P17__pseudo	73.9378	53.5764	89.9217	203.062	6.3748	230.002	37.9685	124.071	70.9922	-1.01507	-0.09994	0.915136	0.346967	0.889346	0.537507
KRT18P29__pseudo	938.534	763.008	126.975	250.54	49.4373	181.029	93.5003	887.392	572.459	1.926546	0.23529	-1.69126	0.216288	0.835086	0.340035
KRT18P55__pseudo	0	0	0.965405	0	6.31487	17.7696	0.739658	0.008447	0	-4.64083	0.367893	5.008718	0.256455	0.896845	0.285996
KRT19P2__pseudog	0	0	0.258036	0	1.63144	1.65213	0.062803	0.280327	0	-3.66962	-0.41118	3.258439	0.186004	0.872772	0.204907
KRT42P__pseudoge	0.050752	0.024211	0.187263	0.245806	2.06814	2.65867	0.397642	0.044918	0.205642	-4.24512	-1.30563	2.93949	0.153588	0.359633	0.215704
KRT8P10__pseudog	24.5125	67.6165	141.151	9.53861	134.877	21.7163	59.5563	107.758	63.973	0.489733	0.012377	-0.47736	0.718843	0.987733	0.469219
KRT8P12__pseudog	0.856721	1.96551	1.81523	2.18186	2.54348	0.780781	1.25742	1.59246	1.24921	-0.2477	0.178031	0.425733	0.717878	0.605281	0.422463

KRT8P41__pseudog	0.099485	0	0.199143	0	0.070829	0.174366	0.146233	0	0.054127	0.28442	0.575757	0.291337	0.752433	0.627636	0.871939
KRT8P45__pseudog	2.96503	10.7668	20.8997	4.16489	2.1964	2.61206	6.58853	13.2239	499.256	1.948368	-3.90577	-5.85413	0.267801	0.415335	0.407166
KRTAP5-AS1__antis	0.591574	2.13431	3.61154	2.6904	24.776	47.9241	2.21988	2.57993	0.925213	-3.57241	0.146615	3.719029	0.199541	0.88856	0.226194
KTN1-AS1__antisens	0.887118	1.09483	1.15054	29.1228	39.9278	95.6924	1.61959	1.09341	1.59092	-5.71676	-0.45834	5.258422	0.120046	0.208664	0.121575
LA16c-2F2.8__lincRl	0.008792	0	0.123176	1.16915	4.40202	0.618871	0.295721	0	0.153027	-5.55169	-1.76572	3.785972	0.236207	0.366006	0.265342
LA16c-306E5.3__prc	5.50997	4.36011	3.22778	4.65186	7.12952	5.65768	3.15142	4.95488	7.45136	-0.41299	-0.24829	0.164697	0.337443	0.70862	0.65985
LA16c-349E10.1__ai	0.585119	0	1.11987	1.44621	0	0	0.80467	0	0	0.237485	1.083293	0.845808	0.894237	0.544511	0.42265
LA16c-366D3.1__an	0	2.18745	0	14.7955	2.57862	14.8614	0	0	0	-3.88133	#DIV/0!	#DIV/0!	0.17288	0.42265	0.119147
LA16c-380H5.5__linc	0.521766	0.830983	1.91857	0	0.481726	0	0.699267	0.781637	0.625476	2.763588	0.635107	-2.12848	0.202172	0.485069	0.04768
LA16c-444G7.1__linc	5.42803	2.73681	1.57069	5.25563	4.55845	24.048	2.03318	0	0.391849	-1.79834	2.005258	3.803597	0.382331	0.065627	0.25326
LA16c-444G7.2__linc	0	0	0.754636	0	0	1.04169	1.00276	0	0	-0.46507	-0.41012	0.05495	0.42265	0.885852	0.984455
LA16c-4G1.3__lincR	0	0	0.367	0	0.320143	0.177345	0.091893	0	0	-0.43888	1.997758	2.43664	0.797536	0.580172	0.379421
LAMTOR5-AS1__an	26.6047	12.7187	13.7711	5.67829	8.58613	17.5893	13.8162	7.37528	11.1711	0.737101	0.714236	-0.02286	0.434075	0.151196	0.971845
LARGE-AS1__proce	0	0	0.087397	0.077311	7.43333	79.1978	0.085217	0	0	-9.95437	0.036449	9.990821	0.370609	0.989687	0.371282
LBX1-AS1__antisens	0.05375	0.173165	2.11527	5.70419	820.802	79.538	0.778004	0.146893	2.01096	-8.59558	-0.32593	8.269656	0.36703	0.53188	0.36747
LDHAL6CP__pseudoc	0	0	0	0	2.30331	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
LDLRAD4-AS1__ant	0	0	4.85396	4.5163	13.2645	5.18052	0.19098	3.24926	8.80043	-2.24197	-1.33445	0.907523	0.254122	0.166321	0.461506
LEF1-AS1__process	0	0	0.622148	5.47887	5.96595	37.6883	1.84129	0	0	-6.30329	-1.56539	4.737907	0.261804	0.637844	0.287672
LEMD1-AS1__antise	1.95839	2.0167	0.318138	16.0892	4.72369	11.5497	1.00556	0	0.034615	-2.91419	2.045236	4.959429	0.112132	0.164676	0.075258
LENG8-AS1__antise	1.91924	1.03668	4.85073	3.40871	4.50433	4.58814	2.36047	3.19432	3.81677	-0.67929	-0.26359	0.415703	0.283559	0.628637	0.021508
LEPREL1-AS1__ant	0.011293	0.007777	0.249037	0	3.32246	2.48342	0.519761	0	0.339224	-4.43664	-1.67983	2.75681	0.200184	0.339462	0.283881
LEPREL2__polymor	0.526439	0.485939	0.56558	0.897584	7.01056	14.7858	0.253912	0.661481	0.693535	-3.84618	-0.02804	3.818136	0.221003	0.948694	0.213087
LGALS8-AS1__antis	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LIFR-AS1__antisens	6.76391	0.215174	1.90142	0.38938	457.845	41.1977	10.8601	1.06912	0.346332	-5.8135	-0.46707	5.346429	0.383444	0.560891	0.386857
LIMD1-AS1__antiser	0.456393	0	0	1.7213	0	3.23948	0.925117	0	0	-3.44222	-1.01936	2.422859	0.252199	0.42265	0.301538
LINC-ROR__lincRN	0.057057	0	0.108557	0	9.53666	37.3733	0.103952	0	0.062159	-8.14593	-0.00433	8.141602	0.298392	0.995648	0.29922
LINC00029__lincRN	0	0	0	0	0	0	0.37021	0	0.170361	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.234164	0.234164
LINC00052__lincRN	0	0	0.119133	0	0.726283	2.32294	0.099973	0	0	-4.6778	0.252966	4.930762	0.270949	0.928871	0.300972
LINC00085__proces	0.043113	2.29173	0	0	2.55776	2.9173	1.28727	1.07113	0.280764	-1.22955	-0.17676	1.052794	0.381168	0.900476	0.502209
LINC00111__lincRN	0	0	1.60818	0	2.60711	30.9801	0	0	0	-4.38441	#DIV/0!	#DIV/0!	0.373865	0.42265	0.376268
LINC00113__lincRN	0	0	0.616813	0	0	6.11224	0	0	0	-3.3088	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
LINC00116__lincRN	13.3788	7.34424	5.36607	5.09914	6.00603	370.709	4.36059	12.9924	12.1881	-3.87135	-0.17928	3.692076	0.437997	0.842326	0.43282
LINC00152__lincRN	6.61801	8.18503	1.98479	78.2277	148.83	385.457	3.07974	3.10124	25.8063	-5.18926	-0.93008	4.259174	0.170583	0.643473	0.152039
LINC00158__lincRN	0.045179	0.079927	0.233695	0	3.19474	1.94683	0.211331	0.018758	0.253064	-3.84096	-0.4293	3.411656	0.223282	0.596906	0.254067
LINC00159__lincRN	0	0	1.20799	0	0.818311	62.8934	0	0	0	-5.72088	#DIV/0!	#DIV/0!	0.415042	0.42265	0.415187

LINC00160__lincRN,	0	0	2.59861	0	1.99167	2.57855	0	0	0	-0.81452	#DIV/0!	#DIV/0!	0.428494	0.42265	0.190153
LINC00162__lincRN,	0	0	0.725015	0	5.36019	11.0783	1.40286	0	0.310372	-4.50292	-1.24064	3.262285	0.221844	0.609977	0.297956
LINC00163__lincRN,	0	0.04917	0.122972	0.129262	0.327131	1.19653	0.040884	0	0.030266	-3.26335	1.274664	4.538012	0.234255	0.482265	0.248052
LINC00173__proces	0.058776	0	0.443995	0	0	2.61953	0	0	0	-2.38134	#DIV/0!	#DIV/0!	0.438453	0.351875	0.42265
LINC00176__lincRN,	0.132902	2.64256	0.177123	0.404653	1.99947	7.28353	0.191846	0.092655	1.04935	-1.71417	1.146381	2.86055	0.45544	0.653296	0.260577
LINC00184__lincRN,	0.03426	0.072724	0.262772	0.154907	0	0.161523	0.274141	0	0	0.224687	0.431655	0.206968	0.82253	0.847989	0.878387
LINC00200__lincRN,	0	0	0.061047	0	2.96069	2.39559	0.083722	0.026666	0	-6.45516	-0.85458	5.600587	0.189153	0.733749	0.200595
LINC00202-1__lincR	0.088369	0.07578	0.11266	0.171103	0.395958	0.154201	0.425324	0.035165	0	-1.38164	-0.73428	0.647357	0.230093	0.703448	0.677968
LINC00207__lincRN,	0	0	0	0	19.6386	1.41017	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.382782	#DIV/0!	0.382782
LINC00210__lincRN,	0	0	0	0.154077	21.2284	370.709	0.018963	0.021142	0	#NUM!	#NUM!	13.25511	0.390347	0.184706	0.390407
LINC00211__lincRN,	0	0.074355	2.36238	3.238	2.87155	142.556	0.629467	0	0	-5.93098	1.952747	7.883724	0.398076	0.573404	0.400677
LINC00221__lincRN,	0	0.041186	0.139806	3.54847	386.031	6.30801	0.119759	0	0.037995	-11.0949	0.198254	11.2932	0.408216	0.917432	0.408246
LINC00226__lincRN,	0	0	0	0	0.259786	0.463748	0.120112	0	0	#NUM!	#NUM!	2.590681	0.214131	0.42265	0.360709
LINC00229__lincRN,	0	0	0.999886	0	2.3493	5.62718	0.399011	0	0	-2.99592	1.325335	4.321252	0.223831	0.677756	0.284095
LINC00237__lincRN,	0	0	0.991044	0	1.52487	28.6779	0.99263	0	0	-4.92959	-0.00231	4.927281	0.391774	0.999347	0.413115
LINC00238__proces	1.40639	1.36666	4.69144	1.43998	730.118	0	2.35174	1.36863	8.4028	-6.61478	-0.69965	5.915133	0.426352	0.297707	0.430068
LINC00261__lincRN,	0	0.374018	1.3315	2.17118	2.87179	18.1322	0.842932	8.62392	0.306848	-3.7643	-2.51869	1.245603	0.276114	0.442531	0.587946
LINC00266-1__proce	0.337934	0.410358	0.843962	0.433861	1.71013	1.13258	0.289989	0.427203	0.370476	-1.04112	0.549832	1.590949	0.271515	0.388241	0.157004
LINC00272__lincRN,	0	0.166341	0.234478	0	3.93309	1.93188	0.183001	0	0.152344	-3.8711	0.257305	4.128406	0.236427	0.854936	0.261128
LINC00273__lincRN,	0	0	0	0	0	5.49815	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
LINC00276__lincRN,	0.016632	0.049027	2.02659	19.9059	19.8966	323.286	0.917571	0.027299	0.063442	-7.43912	1.053112	8.492235	0.353704	0.710289	0.355566
LINC00277__lincRN,	0	0.036425	0.265317	0.24302	2.35237	17.4485	0.186175	0.08343	0.090451	-6.0537	-0.25491	5.798796	0.342678	0.870363	0.350817
LINC00284__lincRN,	0.046174	0	0.539436	37.1319	31.7008	44.9238	2.4225	0.073576	2.36338	-7.60179	-3.05278	4.54901	0.009359	0.176542	0.007944
LINC00290__lincRN,	0	0	0	0	10.8527	5.72342	0	0	0.097242	#NUM!	#NUM!	7.413314	0.219993	0.42265	0.221711
LINC00297__lincRN,	0	0	0.108795	0.095757	9.58036	0	0.856312	0	0	-6.47474	-2.97652	3.49822	0.423501	0.500022	0.470151
LINC00299__lincRN,	0.965157	1.13609	0.903123	6.67753	10.1038	35.4981	1.28429	1.57486	1.41757	-4.12111	-0.50944	3.611667	0.213944	0.017501	0.22026
LINC00301__lincRN,	0	0	0	0	9.26782	2.93831	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.275161	#DIV/0!	0.275161
LINC00302__lincRN,	0	0	0	5.17831	0	50.8279	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.367106	#DIV/0!	0.367106
LINC00303__lincRN,	0	0	0.367031	2.26703	1.70282	15.6394	0.42241	0	0.264209	-5.73949	-0.90361	4.835881	0.284796	0.57558	0.298727
LINC00304__lincRN,	0	0.141185	0.615306	0	6.43972	0.063684	0.065226	0.087256	0.043459	-3.1038	1.948897	5.052697	0.475222	0.440154	0.426773
LINC00305__lincRN,	0	0	0.962394	0	27.0844	66.378	0.037555	0	0.04169	-6.60161	3.602243	10.20386	0.245703	0.44666	0.247551
LINC00307__lincRN,	0	0	0	0	0	1.64798	0	0.214226	0	#NUM!	#NUM!	2.943493	0.42265	0.42265	0.501892
LINC00308__lincRN,	0	0	0.143573	0	1.07746	10.2504	0.2801	0	0	-6.30195	-0.96416	5.33779	0.3647	0.749569	0.381377
LINC00313__lincRN,	0	0	0	0.78419	49.9894	3.55957	0.613214	0	0	#NUM!	#NUM!	6.469299	0.374143	0.42265	0.381135
LINC00314__lincRN,	0	0	0	0	2.03758	2.50638	0.246698	0	0	#NUM!	#NUM!	4.203132	0.187814	0.42265	0.23414

LINC00315__lincRN,	0	0	0	0	0	4.77704	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
LINC00316__lincRN,	0	0	0	0	4.52467	67.7388	0	0	0.192035	#NUM!	#NUM!	8.555753	0.385455	0.42265	0.385353
LINC00317__lincRN,	0	0	0	0	3.59409	48.3233	0	0	0.064261	#NUM!	#NUM!	9.65807	0.381417	0.42265	0.381365
LINC00319__lincRN,	0.378504	0	0	2.03562	0	0	0	0	-2.42709	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265	
LINC00322__lincRN,	0	0	0.250866	0.330146	0	2.16545	0	0	0	-3.3144	#DIV/0!	#DIV/0!	0.332938	0.42265	0.342227
LINC00323__antisen	0.029784	0.017562	0.104352	0	8.20314	6.58754	0.043796	0	0	-6.60735	1.79234	8.399687	0.190597	0.416381	0.190742
LINC00327__lincRN,	0.143784	0.275966	0.302273	0	2.13763	3.13272	0.633802	0.289622	0.156535	-2.86778	-0.58086	2.286922	0.225571	0.595915	0.320439
LINC00330__lincRN,	0	0.052211	0.348429	0	2.32665	4.33007	0.897004	0.048387	0.128526	-4.05443	-1.4225	2.631929	0.212306	0.579117	0.337183
LINC00333__lincRN,	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LINC00334__lincRN,	0	0	1.19901	0.321783	1.6531	2.74897	0.079766	0.178083	0	-1.97812	2.217246	4.195366	0.110862	0.552695	0.17597
LINC00337__antisen	0.126448	0.208947	0.181794	0.167372	2.04852	1.08368	0.251068	0.055163	0.260774	-2.67352	-0.13267	2.540845	0.216069	0.865042	0.268984
LINC00338__proces	0	0	0	0	1.57271	16.6256	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.370844	#DIV/0!	0.370844
LINC00339__lincRN,	1.93042	0.62346	1.90814	0.567978	2.31944	3.11427	0.794907	0.920559	2.20178	-0.42767	0.187857	0.615529	0.642633	0.740042	0.286008
LINC00341__lincRN,	0.510549	0.086003	0.239997	0.374193	0.412691	5.60507	0.040895	0.296315	0.204366	-2.93374	0.627285	3.561021	0.403465	0.669844	0.37591
LINC00342__lincRN,	0	0	0	0	0	52.1068	0.868263	0	0	#NUM!	#NUM!	5.907196	0.42265	0.42265	0.432349
LINC00343__proces	0	0.120624	0.20454	0.067678	11.15	56.4649	0.836038	0	0.027764	-7.70147	-1.40953	6.29194	0.321683	0.639647	0.329468
LINC00345__lincRN,	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LINC00347__lincRN,	0	0	0.043271	0	3.70713	158.398	1.22148	0	0.047057	-11.8712	-4.87363	6.99762	0.409296	0.420863	0.413765
LINC00348__lincRN,	0	0	0	0	13.3016	39.0984	0.976701	0.0756	0	#NUM!	#NUM!	5.637947	0.267463	0.379816	0.281952
LINC00349__lincRN,	0	0	0.049994	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
LINC00351__lincRN,	0	0	0.885977	0.218102	33.3774	1709.79	0.824729	0	0.150281	-10.9423	-0.13815	10.80419	0.411412	0.953489	0.411695
LINC00352__lincRN,	0	0.484422	0.544952	0.71422	1.92351	8.71857	1.34709	0	0	-3.46365	-0.38808	3.075575	0.284244	0.880247	0.354368
LINC00353__lincRN,	0	0	0.051465	0	0.608348	2.5625	0.571037	0	0	-5.94515	-3.47193	2.473213	0.30294	0.476804	0.443025
LINC00355__lincRN,	0.048308	0.133927	0.096706	0.106893	0.257998	28.2325	1.37106	0	0.058413	-6.67978	-2.35745	4.322328	0.418909	0.500581	0.443851
LINC00358__lincRN,	0	0	0.14813	0	1.03578	8.71857	0.578797	0	0	-6.04111	-1.96619	4.074916	0.357549	0.583823	0.397938
LINC00359__lincRN,	2.05418	0.061152	0.79612	2.53707	78.2708	189.602	2.00094	1.71677	0	-6.53727	-0.35268	6.18459	0.244288	0.746719	0.246972
LINC00362__lincRN,	0	0	0	0	1.7133	1.32859	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.189956	#DIV/0!	0.189956
LINC00365__lincRN,	0.230488	0.380502	1.45758	0.214525	4.42225	6.43406	1.17576	0.302465	1.41867	-2.42006	-0.48587	1.934185	0.189294	0.496217	0.280749
LINC00371__lincRN,	0.007384	0.119987	0.202874	0.078647	31.5562	317.01	2.28271	0	0.065618	-10.044	-2.83003	7.21398	0.368333	0.489559	0.3723
LINC00374__lincRN,	0	0	0	0	0	0	1.35049	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
LINC00376__lincRN,	0	0	0.524234	0	1.88419	4.94154	1.03388	0	0	-3.7027	-0.97979	2.722915	0.242422	0.746165	0.379454
LINC00380__lincRN,	0	0	0	0	0	0	0.637663	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
LINC00381__antisen	0	0.04523	0.089608	0.033986	0	3.30569	0.087773	0.013978	0.027849	-4.63041	0.057162	4.687569	0.424757	0.972945	0.434667
LINC00383__lincRN,	0	0	0	0	11.6333	3.41738	1.02997	0	0	#NUM!	#NUM!	3.869154	0.283331	0.42265	0.334771
LINC00384__lincRN,	0	0.039267	0.183553	0.13317	0.298965	2.0591	0.923497	0.036473	0.131743	-3.48291	-2.29264	1.190267	0.310017	0.457642	0.615154

LINC00387__lincRN,	0	0	0	0	0	1.44767	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
LINC00388__lincRN,	0	0.339922	0.870717	0	7.82756	1.03454	0.859974	0	0.116053	-2.87188	0.310776	3.182656	0.410159	0.886515	0.425706
LINC00391__lincRN,	0	0.038739	0.164394	0.065412	1.76458	1.90257	0.656896	0.017945	0	-4.19967	-1.73212	2.467548	0.168387	0.598006	0.333719
LINC00393__lincRN,	0.532889	1.90624	2.30951	67.4265	134.877	360.244	3.03563	1.83584	41.1001	-6.88832	-3.27516	3.613161	0.169238	0.387721	0.15201
LINC00395__antisen	0.089249	0.14909	0.217847	0	2.96645	34.4135	0.50347	0	0.085081	-6.3565	-0.36755	5.988953	0.378696	0.833802	0.38359
LINC00397__lincRN,	0	0	0	0	0	0	0	3.16763	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
LINC00398__lincRN,	0.183179	0	0.182984	0.048313	1.73251	58.5578	1.1588	0	0.238097	-7.36445	-1.93167	5.432784	0.407111	0.391006	0.416855
LINC00399__lincRN,	0	0.998432	0.4102	0	0	0.475168	0.993934	0	0	1.567785	0.503073	-1.06471	0.461357	0.836828	0.728133
LINC00400__lincRN,	0	0	0	0.632517	0	4.06134	0.335495	0	0.223368	#NUM!	#NUM!	3.070207	0.340681	0.199457	0.379823
LINC00401__lincRN,	0	0	0.082343	0	0	0	0.160772	0.044831	0	#DIV/0!	-1.32015	#NUM!	0.42265	0.617627	0.288789
LINC00403__lincRN,	0	0	0	0	0	0	0.592784	3.60254	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.33657	0.33657
LINC00407__lincRN,	0	0	0.316181	10.2347	2.86236	17.0735	2.03952	0	0	-6.57625	-2.68941	3.88684	0.131365	0.517913	0.152039
LINC00410__lincRN,	0	0	0.27602	0	30.4511	1.87434	0.83399	0	0	-6.87175	-1.59526	5.276496	0.393181	0.633294	0.404275
LINC00415__lincRN,	0	0	0	0	0	5.28648	0.184749	0	0	#NUM!	#NUM!	4.838669	0.42265	0.42265	0.443167
LINC00421__lincRN,	0	0.289509	0	0.12161	0	0.687895	0.059946	0.033425	0	-1.48343	1.632576	3.116007	0.602977	0.569438	0.402048
LINC00426__lincRN,	2.79203	0.200476	1.53241	0	4.98103	145.198	1.7222	0.390022	1.26839	-5.05265	0.420607	5.473255	0.415093	0.409124	0.411483
LINC00427__lincRN,	0	0	0	0	0	8.92307	1.50005	0	0	#NUM!	#NUM!	2.57253	0.42265	0.42265	0.526354
LINC00430__lincRN,	0	0	0	0	0.183814	13.5448	0	0	0.192081	#NUM!	#NUM!	6.159327	0.414868	0.42265	0.414757
LINC00434__lincRN,	0	0	0	0	0	0.933844	0	0	0.324863	#NUM!	#NUM!	1.52335	0.42265	0.42265	0.42265
LINC00440__lincRN,	0	0	0.094424	0	0.299581	1.33112	0.276343	0	0	-4.1102	-1.54924	2.56096	0.302951	0.640341	0.43831
LINC00448__lincRN,	0.043211	0	1.54792	0	56.1082	899.74	1.20015	0	0.140207	-9.23058	0.247436	9.47802	0.387805	0.920541	0.388599
LINC00452__lincRN,	0	0	0.10719	0	3.65506	94.1361	2.77365	0.032916	0.115997	-9.83339	-4.76899	5.064398	0.40066	0.414009	0.418124
LINC00454__lincRN,	0	0	0	0	3.45641	20.3347	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.334066	#DIV/0!	0.334066
LINC00456__lincRN,	0.900037	1.09466	0.715	1.93829	0.941868	4.77042	9.85747	0	7.93766	-1.49744	-2.71528	-1.21784	0.319022	0.246483	0.317443
LINC00457__lincRN,	0	3.92516	1.38011	0	26.8237	237.085	2.41716	0	0.511162	-5.63647	0.857352	6.493821	0.369529	0.707449	0.367174
LINC00461__lincRN,	0	0.030516	1.23299	6.47575	5.97945	105.531	0.829519	0.079721	0.084628	-6.54504	0.346307	6.891349	0.356156	0.890175	0.361344
LINC00462__lincRN,	0	0	0	0	0	0	0.366827	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
LINC00466__lincRN,	0	0	1.17623	2.87363	3.03534	133.859	0.545877	0	0	-6.89272	1.107522	8.000242	0.397237	0.719344	0.399763
LINC00467__proces	8.99137	4.19717	1.38256	4.00287	7.91479	17.4485	0	4.53159	6.45623	-1.01104	0.407205	1.418249	0.504197	0.799719	0.128682
LINC00469__lincRN,	0	0.042396	0.252002	0.063729	15.2586	109.907	1.42299	0.013105	0	-8.73259	-2.28631	6.446278	0.348442	0.54397	0.35592
LINC00470__lincRN,	2.53563	0	31.2328	60.0225	28.3415	52.1068	0.139281	27.8564	2.65444	-2.05652	0.139782	2.196306	0.08608	0.954969	0.183604
LINC00477__lincRN,	0.03566	0.021027	0.321181	0.189267	1.05913	0.880547	0.13974	0	0.135772	-2.49418	0.455768	2.949951	0.149846	0.723416	0.174145
LINC00478__lincRN,	17.0692	0.577176	2.30616	1.87736	820.802	317.673	1.11759	0.149081	2.38712	-5.83676	2.449106	8.28587	0.264004	0.410305	0.253501
LINC00479__lincRN,	0.029563	0	0.509938	0.411485	1.11917	1.03244	0.282184	0.266884	0.048274	-2.24819	-0.14693	2.101259	0.096308	0.943406	0.132528
LINC00485__lincRN,	0	0.004605	0.0639	0.041594	0.064032	0.078226	0.076688	0.043596	0.017459	-1.42426	-1.00769	0.416569	0.099308	0.591121	0.635764

LINC00487__lincRN,	0	0	2.03243	3.33062	3.24908	13.0907	0.452047	0	0.122463	-3.27475	1.822802	5.09755	0.151201	0.571144	0.193809
LINC00489__lincRN,	0	0.247677	0	0	1962.19	1.95038	1.06317	0	0	-12.9532	-2.10184	10.85131	0.422076	0.568699	0.422389
LINC00494__lincRN,	0	0	0	5.29766	2.42602	0.908721	2.76589	0	0.147472	#NUM!	#NUM!	1.567077	0.154862	0.392729	0.079784
LINC00500__lincRN,	0.435483	0	0	1.19791	0	2.97692	0.068437	0	0	-3.26103	2.669779	5.930808	0.297458	0.42265	0.25539
LINC00504__lincRN,	0.065295	0.281252	2.16339	0.147327	72.569	288.191	0.233716	0.038799	0.164737	-7.16783	2.521116	9.688949	0.298623	0.40769	0.29931
LINC00505__lincRN,	0	0	0	0	3.01542	2.94862	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.183555	#DIV/0!	0.183555
LINC00507__lincRN,	0	0	0.180671	0.065078	0.261658	10.4223	0.120214	0	0.080084	-5.8947	-0.14879	5.745913	0.404437	0.927705	0.411317
LINC00511__lincRN,	8.77217	84.1348	6.29363	178.381	68.0842	192.632	41.8732	6.68879	59.8298	-2.14612	-0.12783	2.018285	0.222756	0.946827	0.045815
LINC00514__lincRN,	0.008616	0.07242	0.339151	0.068803	2.18144	4.08573	0.125731	0.103703	0.16142	-3.91446	0.104402	4.018864	0.205669	0.921279	0.227067
LINC00515__antisen	0.947301	0.645995	0.271814	0.11814	37.5408	3.40796	1.29581	0.196361	0.292658	-4.46064	0.063475	4.524118	0.388906	0.918579	0.395094
LINC00517__antisen	0.168423	0	0	0.022417	0.081196	248.682	0.106441	0.027644	0.00918	-10.5286	0.233398	10.762	0.4228	0.787915	0.422721
LINC00520__proces	0.193056	0.070737	0.60522	0.05975	1.85428	3.045	0.191102	0	0.17956	-2.51261	1.229273	3.741882	0.219411	0.333206	0.224414
LINC00521__proces	0	0.127661	0.592515	4.52965	0.598947	7.58021	0.394124	0.090887	0	-4.14134	0.570331	4.711666	0.17014	0.809462	0.184102
LINC00523__lincRN,	0.107802	0	0.150982	0	3.52288	3.9002	0.092205	0.023532	0	-4.8422	1.160903	6.003101	0.196173	0.46231	0.194983
LINC00524__lincRN,	0.563773	0	0.280671	1.37879	0	0.460338	0.273066	0	0	-1.12295	1.628752	2.7517	0.311897	0.183629	0.245095
LINC00539__lincRN,	1.213	23.8211	2.00725	24.9982	55.8989	20.0257	2.71638	1.58362	1.43569	-1.90001	2.237128	4.137141	0.026371	0.448284	0.107577
LINC00543__lincRN,	0.399149	3.22556	0.545207	1.38335	2.60048	6.23888	0.805747	2.40955	0	-1.29369	0.375066	1.668754	0.398712	0.481165	0.35459
LINC00544__lincRN,	0	0	0	0	2.521	12.5533	0.758031	0	0	#NUM!	#NUM!	4.31369	0.320275	0.42265	0.355585
LINC00551__lincRN,	0.065747	0	0	0.058081	2.88844	85.3553	1.416	0	0.047637	-10.3913	-4.47649	5.914814	0.403505	0.402653	0.412702
LINC00552__pseudc	0	0.05409	0.0689	0.15248	0.196335	0.384603	0.887463	0.025082	0	-2.57611	-2.89136	-0.31526	0.068517	0.488158	0.877903
LINC00554__antisen	0	0	0.10749	0	0.135815	1.89164	0.172352	0	0	-4.2374	-0.68116	3.55624	0.380492	0.815639	0.437573
LINC00555__antisen	0	0.110558	0	0	34.4096	4.97192	0.09025	0	0	-8.47657	0.292809	8.769381	0.345796	0.917844	0.34752
LINC00556__antisen	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LINC00557__lincRN,	0	0	0	0.129704	0.208599	0.02333	0.119795	0	0	#NUM!	#NUM!	1.593959	0.153812	0.42265	0.33554
LINC00558__lincRN,	0	0	0.064849	0	0.069342	2.49083	2.45495	0	0.050408	-5.30302	-5.27179	0.031224	0.40639	0.426056	0.99086
LINC00559__lincRN,	0	0	0.082695	0.069941	3.33521	13.8453	1.24402	0	0.032732	-7.70461	-3.94853	3.756084	0.30007	0.446284	0.353173
LINC00561__lincRN,	0	0.050833	0.032378	0	0.207635	1.57469	0.084593	0	0	-4.42085	-0.02377	4.397073	0.367214	0.992315	0.383752
LINC00563__lincRN,	0.044459	0	0.066711	0	1.27071	25.4267	0.217572	0.097036	0.120789	-7.90779	-1.96956	5.938226	0.395492	0.08993	0.401502
LINC00566__lincRN,	0.792163	3.62114	0.437452	1.02744	2.23363	3.34984	1.61501	0.663843	2.62594	-0.44664	-0.01598	0.430657	0.685825	0.991724	0.460492
LINC00571__lincRN,	2.5554	1.69645	1.33988	155.255	3.53368	398.421	2.1313	3.51185	2.05638	-6.63878	-0.46148	6.177306	0.251407	0.390685	0.253355
LINC00572__antisen	0	0	0	0	26.465	13.9309	1.63051	0	0.278771	#NUM!	#NUM!	4.403108	0.220179	0.333609	0.254939
LINC00575__lincRN,	0	0.046848	0	2.19702	4.10157	2.98899	0	0	0	-7.63119	#DIV/0!	#DIV/0!	0.0292	0.42265	0.030392
LINC00578__lincRN,	0	0	1.10218	11.3932	31.0887	579.152	11.5825	7.52641	4.0399	-9.13956	-4.39251	4.747055	0.381233	0.098668	0.399689
LINC00582__antisen	0	0	1.43207	0	14.305	112.843	1.26229	0.266884	0	-6.47226	-0.09465	6.377612	0.353824	0.970915	0.362239
LINC00592__lincRN,	0.061426	0.092381	0.78039	0	0	3.15367	0.534541	0	0	-1.75523	0.805426	2.560659	0.460655	0.748447	0.527252

LINC00593__lincRN,	0	0	0.585877	0	3.72795	17.4136	0.299701	0	0	-5.17334	0.967074	6.140413	0.31144	0.748931	0.324392
LINC00596__lincRN,	0.104951	0.206345	0.616875	0	0.370955	2.49756	0.491918	0	0.189538	-1.62784	0.44577	2.073612	0.407519	0.767376	0.471417
LINC00601__lincRN,	0.109059	0	0	0.036065	0.287069	0	0.053313	0	0	-1.56703	1.032555	2.59958	0.582732	0.42265	0.458314
LINC00603__lincRN,	0	0	0.266004	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
LINC00604__lincRN,	0	0	1.00533	0	2.6254	3.31706	2.21839	0	0	-2.56339	-1.14184	1.421547	0.185146	0.712444	0.549879
LINC00606__lincRN,	0.010247	0	0.051313	0.109047	0.130551	0.442116	0.090499	0	0.136416	-3.4691	-1.88209	1.587018	0.154978	0.183855	0.211302
LINC00607__lincRN,	0.679723	0	1.34465	0.043613	42.5527	317.01	0.873475	0.013036	0.045507	-7.4728	1.119045	8.591845	0.351848	0.519882	0.352483
LINC00609__lincRN,	0.196255	2.98935	2.83401	0.232068	7.62861	524.526	0.313316	8.0216	0.135641	-6.46666	-0.49279	5.973874	0.417499	0.752235	0.423172
LINC00612__proces	0.789941	0.134221	0.167142	0.226435	19.4659	0.181143	0	1.26033	0	-4.18672	-0.20775	3.978971	0.439299	0.929574	0.409799
LINC00613__lincRN,	0	0	0	0	0.089821	2.12644	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.398799	#DIV/0!	0.398799
LINC00615__lincRN,	0	0	0.089445	0	0.154836	2.68811	0.118554	0.097577	0.072878	-4.99024	-1.69204	3.298203	0.389333	0.253949	0.436895
LINC00616__lincRN,	0	0	0	0	2.02356	25.9589	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.379526	#DIV/0!	0.379526
LINC00617__lincRN,	0.030069	0.023637	0.120457	0	3.91314	48.757	0.088522	0.043856	0	-8.2404	0.39578	8.636182	0.378819	0.821836	0.379831
LINC00619__lincRN,	0.114304	0	0	0.075567	1.23274	20.3347	0.532966	0.031146	0.279086	-7.56488	-2.883	4.681886	0.38987	0.165224	0.402453
LINC00620__antisen	0	0	0.9099	0	43.9205	13.4916	2.70616	0	2.39193	-5.9795	-2.48618	3.493326	0.285978	0.216293	0.334462
LINC00621__lincRN,	0.055395	0.338676	0.367028	0.25467	77.2564	10.1344	0.928915	0.11635	0.152739	-6.84745	-0.65448	6.192975	0.353037	0.727739	0.358363
LINC00626__lincRN,	0	3.87569	0.825217	5.09016	15.3208	8.50397	0.781828	0.464644	0	-2.6208	1.915089	4.535892	0.048483	0.445298	0.095026
LINC00634__pseudc	0.0615	0.048354	0.164081	0.190241	2.02944	5.06835	0.180646	0.044758	0	-4.73362	0.281323	5.014946	0.234605	0.861842	0.250865
LINC00635__lincRN,	0	0	0	0	41.0231	1.49966	0.78073	0	0.287983	#NUM!	#NUM!	5.314289	0.401943	0.258521	0.416944
LINC00636__lincRN,	0.072083	0	0.120156	0	14.2549	2.28079	0.164554	0.052423	0	-6.42654	-0.17465	6.251895	0.345543	0.910969	0.345057
LINC00639__lincRN,	0.170314	1.21269	0.231639	0.153971	8.03027	88.5815	0.162842	0.063274	0.042029	-5.90521	2.59013	8.495339	0.380048	0.332688	0.373288
LINC00640__lincRN,	0.041426	0	0.836236	0.411864	1.58521	2.79234	0.331171	0	0.373528	-2.44811	0.316658	2.76477	0.112554	0.817086	0.184851
LINC00641__proces	0	0	0	1.48408	1.62443	398.421	0	0	1.08046	#NUM!	#NUM!	8.537717	0.418154	0.42265	0.418142
LINC00642__lincRN,	0.02596	0.163315	0.174259	0.319232	1.45493	0	0.150474	0	0.084769	-2.28697	0.627937	2.914912	0.390356	0.669362	0.394401
LINC00645__lincRN,	0.050164	0.039433	0.050247	0	0	1.46424	0.090281	0	0.036459	-3.38826	0.141949	3.530214	0.459783	0.869371	0.460235
LINC00648__lincRN,	0	0	0.071419	0.027103	1.94867	0.08791	0.019994	0.089149	0	-4.85277	-0.61184	4.240931	0.409812	0.812185	0.393829
LINC00649__antisen	55.6189	18.6562	26.2284	9.40858	21.4125	9.48135	19.0065	31.7888	55.4706	1.318307	-0.08043	-1.39874	0.293965	0.931633	0.208436
LINC00652__lincRN,	0.145868	0.981949	0.627115	0.380783	0.408847	2.01969	0.881864	0.521625	0.55205	-0.67881	-0.15615	0.522655	0.600584	0.867077	0.682986
LINC00656__lincRN,	0.047406	0.03727	0.158171	0.083926	3.32168	1.49166	0.466285	0	0.154782	-4.33385	-1.3547	2.979156	0.241962	0.480759	0.314389
LINC00657__lincRN,	101.793	129.08	71.977	54.7996	41.1081	25.009	42.3734	77.1336	82.951	1.32459	0.580981	-0.74361	0.047199	0.27261	0.321162
LINC00658__lincRN,	0.217832	0.206504	5.5391	1.44512	10.781	16.036	1.12043	1.52427	1.03592	-2.24465	0.696195	2.940849	0.138869	0.724159	0.194972
LINC00662__lincRN,	4.71603	2.89071	1.96199	10.3244	77.8625	1072.35	1.92468	2.8001	2.5582	-6.92225	0.393799	7.316048	0.380712	0.537887	0.379152
LINC00663__lincRN,	1.62636	0.231755	1.05649	1.48457	58.8462	5.29533	0.060716	2.17332	1.79904	-4.4929	-0.46858	4.024317	0.383905	0.751861	0.373914
LINC00664__lincRN,	0.093025	0.081951	0.244468	0.157582	0.52908	123.931	0.16678	0.152125	0.088374	-8.21481	0.042463	8.257277	0.420265	0.96231	0.420938
LINC00665__lincRN,	0.368047	2.86731	6.69484	0.95888	10.4237	6.49883	2.30263	1.54429	5.63469	-0.84857	0.06669	0.915257	0.394534	0.899316	0.462466

LINC00667__lincRN,	3.24871	1.78092	2.94485	3.46244	8.53995	1.0045	0.667445	3.38325	4.63256	-0.70581	-0.12285	0.582968	0.587015	0.882257	0.638058
LINC00668__lincRN,	1.5386	0.471285	1.7922	2.2597	5.37676	2.9722	0.615601	2.43955	5.22049	-1.48038	-1.12208	0.358299	0.228952	0.363755	0.667238
LINC00669__lincRN,	3.77263	1.23864	0.167713	21.5051	152.22	248.682	2.96546	34.3596	0.180234	-6.34982	-2.85635	3.493468	0.173129	0.436669	0.193848
LINC00670__lincRN,	0.309071	0.439229	0.045448	0.165963	2.74025	10.9583	0.654739	0	0.024723	-4.12657	0.22429	4.350861	0.323418	0.882029	0.325282
LINC00671__lincRN,	0	0.01937	0.248013	0	7.47844	7.82739	0.824208	0.089722	0.131541	-5.83903	-1.96718	3.871856	0.18353	0.462235	0.230569
LINC00676__antisen	0	0	0.843004	0.219577	3.66629	0.940971	1.82293	0	0.181198	-2.51747	-1.24936	1.268104	0.373989	0.654329	0.599883
LINC00677__lincRN,	0	0	0.112211	0	0	10.7254	0.164028	0.061003	0.364087	-6.57867	-2.39234	4.186331	0.42265	0.102257	0.435269
LINC00683__lincRN,	0	0.050242	0.101417	0.114354	2.37433	22.4077	0.151024	0.0091	0.098594	-7.35896	-0.77054	6.588416	0.362992	0.605183	0.365942
LINC00687__lincRN,	0	0.383736	1.22794	0.648798	7.80557	95.6924	3.01837	0.058777	0	-6.01391	-0.93303	5.080881	0.375263	0.741632	0.39238
LINC00690__lincRN,	0	0	0	0.315377	0.179579	0	0.253002	0	0.064717	#NUM!	#NUM!	0.639551	0.212602	0.297582	0.490441
LINC00691__lincRN,	0	0.084216	0.247578	0.070779	0.264683	0.165735	0.862808	0.077996	0.075433	-0.59509	-1.61488	-1.01979	0.535192	0.550867	0.636804
LINC00693__antisen	0.055473	0.324545	0.835731	0	14.9021	1554.35	1.09714	0.100969	0.136783	-10.334	-0.13488	10.19914	0.417278	0.946015	0.417586
LINC00700__lincRN,	0	0	0.014313	0.018993	3.01239	1.58181	0.042052	0	0	-8.3323	-1.55485	6.777444	0.218118	0.63947	0.224355
LINC00702__lincRN,	0.616395	0.745375	0.217884	0.078383	1.63978	16.9304	0.094928	0.046003	0.105428	-3.56138	2.680777	6.242161	0.411484	0.124854	0.371341
LINC00703__lincRN,	0	0.003011	0.160821	0.049577	22.2062	15.261	0.164864	0.041886	0.125069	-7.83918	-1.01818	6.820994	0.19685	0.439758	0.200111
LINC00704__lincRN,	0.966346	4.84321	0.80566	0.147274	12.0927	25.7566	2.23777	0.647451	0.861049	-2.52201	0.820333	3.342343	0.303037	0.622219	0.280408
LINC00705__lincRN,	1.7519	2.04225	1.07092	0	1.0909	1.87556	1.29385	1.7295	0	0.713718	0.686313	-0.02741	0.490111	0.118327	0.98612
LINC00707__lincRN,	0	0	0	0	35.3643	929.368	6.35824	0	0	#NUM!	#NUM!	7.245357	0.401114	0.42265	0.405075
LINC00708__lincRN,	0	0	0.109077	0	2.38976	0	0	0	0	-4.45345	#DIV/0!	#DIV/0!	0.449575	0.42265	0.42265
LINC00709__lincRN,	0	0	0	0	0	4.46154	0.07708	0	0	#NUM!	#NUM!	5.855049	0.42265	0.42265	0.432709
LINC00710__proces	0	0.165783	1.42612	2.03749	10.4903	17.5893	0.082606	0	0	-4.24176	4.268355	8.510113	0.146116	0.394066	0.157131
LINC00838__lincRN,	0	0	0.110149	2.3663	13.6958	0.178813	0.465275	0.010941	0.043597	-7.20403	-2.23854	4.965497	0.329939	0.496915	0.343083
LINC00839__lincRN,	0.167978	0.121441	0.456715	0.257593	4.48546	5.972	0.177409	0.144703	0.182937	-3.84406	0.563011	4.407072	0.181701	0.493717	0.185375
LINC00842__lincRN,	2.5025	2.1635	5.36132	27.991	15.9802	274.644	2.39559	3.27738	1.07297	-4.98981	0.571845	5.561652	0.34218	0.572534	0.345385
LINC00843__lincRN,	4.79877	15.4858	15.9313	10.2731	11.3304	140.437	7.07251	2.70787	106.05	-2.16166	-1.67732	0.484341	0.417421	0.495154	0.250489
LINC00853__antisen	0	0	0	0.489323	10.6376	0.596123	0	0.39716	0	#NUM!	#NUM!	4.883483	0.365403	0.42265	0.363256
LINC00854__proces	1.44307	1.03634	1.57208	1.86557	4.4017	3.98102	1.01319	1.26124	3.2293	-1.33886	-0.44196	0.896902	0.140009	0.514441	0.179804
LINC00856__lincRN,	1.48879	0.012923	3.79525	0.116594	19.6018	53.9086	1.90003	0.202951	0.698745	-3.797	0.918849	4.715847	0.26704	0.539658	0.278358
LINC00857__lincRN,	1.36361	0.204063	0.97019	1.10987	1.57139	0.823375	1.39836	0.882787	2.10783	-0.46565	-0.79027	-0.32462	0.600854	0.193512	0.656334
LINC00858__lincRN,	0.27386	1.6724	1.97041	1.94201	3.69204	14.6577	0.840896	1.28185	1.39742	-2.37319	0.153984	2.527178	0.270224	0.744437	0.283925
LINC00864__lincRN,	0.006641	0	0.159372	0	2.41126	2.56722	0.057147	0	0.142758	-4.90634	-0.26801	4.638322	0.18463	0.631973	0.193268
LINC00866__lincRN,	0.284317	1.39704	3.49276	6.90671	159.4	6.52091	1.59859	1.19403	0.785642	-5.06188	0.532054	5.593931	0.388036	0.69452	0.383101
LINC00868__lincRN,	0	0	1.21283	4.04125	0.497395	4.18438	0.114544	0.085171	0	-2.84645	2.60236	5.448811	0.139809	0.521027	0.144644
LINC00877__lincRN,	0.208069	0.16267	1.14058	0.961892	4.51897	46.167	1.17325	0.312983	0.651073	-5.09483	-0.49999	4.594843	0.360202	0.669218	0.374651
LINC00879__lincRN,	0	0	1.27775	0.099053	2.82801	33.5702	0.238605	0	0	-4.83611	2.420909	7.25702	0.372721	0.538442	0.378619

LINC00881__lincRN,	0	0.167384	0.854909	0	7.19383	0	1.32071	0	0.877925	-2.81495	-1.1048	1.710152	0.496608	0.489918	0.608504
LINC00882__lincRN,	0.847939	0	0.679536	3.04344	456.324	51.6202	0.765292	0	0.647161	-8.386	0.112946	8.498942	0.359407	0.251841	0.359268
LINC00884__antisen	4.51181	0.306893	2.16474	0.257999	2.7509	20.1469	1.42759	3.77382	1.05298	-1.72936	0.159069	1.888432	0.499065	0.911786	0.490629
LINC00885__lincRN,	0.016581	0	0.536521	0	1.45704	4.07165	0.846847	0.59166	0.469462	-3.32132	-1.78642	1.5349	0.248715	0.234392	0.449922
LINC00886__lincRN,	8.03867	5.21626	5.87276	3.90331	6.07821	317.01	5.98528	10.9888	9.12985	-4.09552	-0.4486	3.646914	0.428777	0.419536	0.435847
LINC00888__pseudc	1.1794	1.31542	0.585543	0.4124	1.66509	8.31578	0.814211	1.21816	0.616565	-1.75448	0.217687	1.972165	0.457038	0.343114	0.421028
LINC00898__lincRN,	0.020731	0.016296	0.207686	0.064416	3.8902	3.67248	0.128931	0.015128	0.060289	-4.96197	0.260067	5.222037	0.179945	0.872546	0.191097
LINC00900__lincRN,	0.299063	0.063009	0.268994	0.197725	4.98954	1.1496	0.189048	0.086527	0.182928	-3.32791	0.46086	3.788767	0.341894	0.296634	0.320873
LINC00903__antisen	0	0	0	0	0	2.05262	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
LINC00904__lincRN,	0	0.015808	0.107368	0.124691	15.8626	148.178	0.865802	0.029308	0.058389	-10.3802	-2.95251	7.427701	0.364007	0.447259	0.367434
LINC00905__proces	0	0	0	0	3.93527	14.1881	1.3792	0	0.589499	#NUM!	#NUM!	3.202537	0.289343	0.242197	0.344265
LINC00906__lincRN,	0.016924	0	0.110188	0.349308	1.78793	0.152265	0.713	0.027778	0.046124	-4.17086	-2.63009	1.540778	0.313676	0.455479	0.518165
LINC00907__lincRN,	1.81574	0.424941	0.483458	0.332588	151.102	116.013	6.57165	1.08346	0.271654	-6.61731	-1.54093	5.07638	0.195063	0.374997	0.20965
LINC00909__lincRN,	0.608998	3.74309	0.495516	0.426692	0.280179	1.69208	0	1.0616	0.680583	1.014868	1.476376	0.461508	0.614614	0.349449	0.718605
LINC00910__lincRN,	0	0.443734	1.41193	0.535293	1.11401	8.64115	1.06609	0.313334	1.45214	-2.4713	-0.60966	1.861635	0.331062	0.47577	0.406253
LINC00917__lincRN,	0	0.088811	0.094295	0.082677	0.324031	2.50763	0.224475	0.037031	0.041045	-3.99242	-0.7245	3.267919	0.350057	0.708337	0.393747
LINC00919__lincRN,	0	0	0.14764	0.042141	0.157447	0	0.284839	0.020141	0.080237	-0.43494	-1.38359	-0.94864	0.86362	0.532495	0.630644
LINC00922__lincRN,	0.123249	0.170401	0.843282	1.9258	23.7939	54.707	3.60952	0.214923	0.219583	-6.14446	-1.83065	4.31381	0.222046	0.526127	0.257512
LINC00925__lincRN,	0.105536	0.123928	0.35507	0.139504	0.269866	9.65694	0.144061	0.074945	0.208108	-4.1061	0.452665	4.558769	0.41156	0.430639	0.411143
LINC00928__lincRN,	0	0.044759	3.17523	0	0.135322	5.32932	0.074452	0	0.055119	-0.76307	4.635242	5.398313	0.398907	0.428366	0.416237
LINC00936__lincRN,	0.674651	0.207739	2.74342	0.09115	0.052401	1.71926	0.057632	0	0.852555	0.960823	1.994069	1.033247	0.143864	0.215992	0.367044
LINC00937__lincRN,	696.156	1.83426	1.11021	16.7902	11.3304	207.45	0.517891	0.23421	0.291171	1.56934	9.388241	7.8189	0.623111	0.420644	0.349308
LINC00939__lincRN,	0.084914	2.14842	1.54914	0.102603	5.34266	3.62545	2.2963	0.102556	0.142253	-1.26189	0.573872	1.835758	0.198601	0.784446	0.43426
LINC00940__lincRN,	0.039053	0	0.408017	0.103802	1.95844	1.29096	0.153196	0.325174	0.056707	-2.90697	-0.25924	2.647722	0.219329	0.896753	0.205457
LINC00942__lincRN,	0.810524	0.072527	1.22688	1.07179	0.35528	3.41608	0.271036	1.99134	0.043439	-1.19875	-0.12808	1.070669	0.290071	0.951212	0.61782
LINC00943__lincRN,	0	0	0	30.5742	1.64132	4.24347	0.266713	0	0	#NUM!	#NUM!	7.094843	0.319023	0.42265	0.318186
LINC00944__lincRN,	3.30434	0.885303	0	0	1.98835	53.5455	0	3.08181	13.2569	-3.72847	-1.96339	1.765073	0.447553	0.493114	0.438526
LINC00948__lincRN,	0	0	0	0	1.99274	3.14316	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.203247	#DIV/0!	0.203247
LINC00954__lincRN,	0.279897	1.91111	0.957868	0.885572	170.785	3.4789	1.10185	0.777492	0.304793	-5.79761	0.527774	6.325381	0.412029	0.6395	0.412708
LINC00958__lincRN,	0.09404	0.029633	15.4004	0.357091	0.303508	2.09865	0.648798	0.104766	0.045507	2.49216	4.28004	1.78788	0.44618	0.446702	0.456761
LINC00959__lincRN,	0	0.161474	0.951351	0.267832	1.95479	12.9739	0.198867	0	0.220675	-3.77144	1.40734	5.178782	0.331232	0.483046	0.338765
LINC00960__lincRN,	0.085345	0.373879	3.7678	0.083848	0.259556	1.02515	1.41122	0.102771	1.82246	1.62699	0.341328	-1.28566	0.398791	0.783028	0.269977
LINC00969__lincRN,	10.613	68.9239	97.8957	20.1116	73.5355	370.709	104.749	174.544	68.4767	-1.38796	-0.97086	0.417099	0.393243	0.319457	0.795849
LINC00970__antisen	2.15536	4.809	4.78729	18.4936	25.5815	298.418	2.05697	1.54475	2.76926	-4.86514	0.883276	5.748416	0.352299	0.190784	0.346773
LINC00971__lincRN,	0	0	0	0	10.213	166.315	0.455227	0	0.030487	#NUM!	#NUM!	8.505575	0.388348	0.385361	0.389922

LINC00974__lincRN,	0	0	0.041994	0	1.09528	0.066916	0.404893	0.131993	0.045672	-4.79052	-3.79414	0.996381	0.409666	0.267178	0.679799
LINC00982__antisen	0.10811	0.095075	0.093747	0.52318	1.89865	12.4737	0.131767	0.078547	0.330943	-5.64861	-0.86618	4.782422	0.326664	0.40965	0.325382
LINC00987__lincRN,	1.99525	0	8.72391	0	3.0374	0	0	0	6.47319	1.819283	0.727643	-1.09164	0.53071	0.184977	0.722581
LINC00989__lincRN,	0.014635	0	0.04395	0.097194	3.20262	1.00214	0.014347	0	0.031863	-6.19833	0.34232	6.540646	0.267351	0.40908	0.265981
LINC00994__lincRN,	0.028134	0.016588	0.885977	0.112129	9.28457	15.6349	0.504821	0.046127	0.076578	-4.74929	0.568641	5.317933	0.201195	0.813751	0.221509
LINC01019__lincRN,	0.10982	0.043126	1.93329	2.97751	12.0587	14.8439	8.04985	0.070026	0.768376	-3.84021	-2.091	1.749214	0.101948	0.510641	0.367856
LINC01020__lincRN,	0	0	1.5377	0.073301	2.03542	54.9607	1.55005	0	0	-5.21387	-0.01154	5.202331	0.400296	0.996734	0.417391
LINC01021__lincRN,	7.05735	0	28.4539	11.9449	2.62206	6.11235	0.340237	2.03286	0.361668	0.780088	3.698787	2.918699	0.628005	0.346464	0.20089
LINC01029__lincRN,	0	0	0	7.9878	2.11769	5.71594	0.049967	0.055715	0	#NUM!	#NUM!	7.226008	0.090909	0.184709	0.092346
LINC01034__lincRN,	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
LINC01036__lincRN,	2.58383	0.182471	1.37201	10.2073	10.7083	52.1068	0.689539	2.31746	0.172168	-4.14123	0.380393	4.521618	0.240634	0.821145	0.245746
LINC01039__lincRN,	0	0.324188	0.438305	0	1.30799	0.826035	0.836798	0.119156	0	-1.48478	-0.32622	1.158564	0.251166	0.88445	0.593228
LINC01040__lincRN,	0	0.063098	0.106654	3.39049	0.506682	3.16587	0.807313	0	0.057697	-5.37879	-2.34929	3.029501	0.13258	0.505201	0.12145
LINC01044__lincRN,	0.016541	0.064205	0.271286	0.356684	5.68618	1.84054	0.660539	0.059004	0	-4.48504	-1.03137	3.453666	0.256302	0.696373	0.302323
LINC01046__lincRN,	0	0	0	0	5.76923	0	0.927558	0	0	#NUM!	#NUM!	2.636869	0.42265	0.42265	0.521618
LINC01047__lincRN,	0	0.103895	1.96466	0	1.51342	1.90666	0.648184	0.047844	0	-0.72541	1.571405	2.296812	0.446875	0.617107	0.368549
LINC01049__lincRN,	0	0	0.455763	0	24.0867	9.06702	0.479885	0	0.811718	-6.18474	-1.50281	4.681936	0.261987	0.192333	0.277659
LINC01053__antisen	0	0.472751	0.666586	0.23424	4.51539	32.1909	6.48071	0.338616	0.192547	-5.01894	-2.62161	2.397333	0.349665	0.478336	0.474294
LINC01054__antisen	0	0.86522	0	0	9.715	2.73224	1.52423	0	0.776098	-3.84662	-1.4107	2.435914	0.278027	0.567743	0.415717
LINC01055__antisen	0	0	0.443224	0	0	0	0.706568	0.561249	0	#DIV/0!	-1.51624	#NUM!	0.42265	0.526445	0.188815
LINC01056__lincRN,	0	0.21148	0.498365	0.101702	1.8428	4.53938	0.225465	0.171131	0.027205	-3.19128	0.744117	3.935399	0.235237	0.684763	0.273126
LINC01057__lincRN,	8.50126	64.6907	31.2993	78.9615	417.325	1158.3	38.2227	17.8591	26.9483	-3.98502	0.331676	4.316692	0.243481	0.777296	0.244197
LINC01058__lincRN,	0.091778	0	0	0	0.838497	32.1899	0.58025	0	0.932976	-8.49134	-4.04333	4.448008	0.409459	0.220717	0.418189
LINC01059__lincRN,	0.013892	0	0.166892	0	2.31944	7.41346	0.867349	0.136663	0.075629	-5.75053	-2.57821	3.172319	0.275185	0.402906	0.35156
LINC01060__lincRN,	0.701722	0.382076	2.67219	0.394421	31.1756	259.637	0.88891	0.456752	0.178134	-6.27671	1.301523	7.578232	0.358742	0.484948	0.359866
LINC01065__lincRN,	0	0	0	0	5.27698	4.64031	0.885524	0	0	#NUM!	#NUM!	3.485343	0.185181	0.42265	0.26376
LINC01066__lincRN,	0	0	0	0	1.89448	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
LINC01067__lincRN,	0	0	0.374717	0	0	6.59778	1.1529	0.116437	0.115832	-4.13811	-1.88619	2.251919	0.42265	0.508659	0.542956
LINC01068__lincRN,	0	0	0	4.34122	0	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
LINC01072__lincRN,	0	1.03317	0	0	3.67733	1.76207	1.00484	0	0	-2.39637	0.040112	2.436482	0.199389	0.988651	0.39036
LINC01074__lincRN,	0	0	0	0	0.0711	0	0.065813	0	0	#NUM!	#NUM!	0.111486	0.42265	0.42265	0.968491
LINC01075__lincRN,	0	0	0.82587	0	5.85067	56.3324	1.16925	0	0	-6.23446	-0.5016	5.732867	0.36531	0.861509	0.378148
LINC01077__lincRN,	0	0	0	2.41768	2.01384	2.45922	1.66541	0	0.110644	#NUM!	#NUM!	1.955983	0.003803	0.385647	0.072534
LINC01078__lincRN,	0	0	0	0	0	0.210104	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
LINC01085__lincRN,	0.054308	0	0.030381	0	2.93663	4.80656	0.355578	0.113919	0.066073	-6.51461	-2.66082	3.853782	0.21141	0.196705	0.247322

LINC01087__lincRN	0.074642	0.132018	0.074767	0.022078	0.249651	0.057701	0.22093	0	0.027125	-0.22721	0.182102	0.409311	0.786761	0.904959	0.85347
LINC01088__antisen	0	0.117772	2.345	0	4.73347	33.1522	2.39174	0.198193	6.9491	-3.9433	-1.95356	1.989737	0.343476	0.212649	0.387044
LIPE-AS1__antisens	23.3556	421.62	18.6436	207.148	88.4107	1554.35	26.0563	25.1587	12.438	-1.99644	2.86464	4.861082	0.494123	0.417631	0.336275
LL22NC01-81G9.3__	0	0	0.559271	0	0	3.43527	0.803699	0	0	-2.6188	-0.52311	2.095696	0.42265	0.855873	0.569353
LL22NC03-121E8.3__	0	0	0	0	0	1.48313	0.051789	0.115558	0	#NUM!	#NUM!	3.14773	0.42265	0.237021	0.489651
LL22NC03-2H8.5__li	1.67383	5.4078	1.49523	3.63216	3.603	5.69414	1.61111	2.96956	5.525	-0.59212	-0.23664	0.355479	0.494618	0.812615	0.23274
LL22NC03-86D4.1__	0.011689	0	1.82493	3.61768	53.6456	104.392	0.084194	0	0.038252	-6.45972	3.906835	10.36656	0.20322	0.446535	0.205535
LL22NC03-86G7.1__	0	0	0	0	0	10.9583	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
LMCD1-AS1__antise	114.547	64.6907	98.143	48.1381	188.323	694.982	4.73634	5.83033	26.2775	-1.7476	2.912359	4.659959	0.384092	0.03447	0.256321
LOXL1-AS1__antise	0	0	1.26899	0	15.9802	118.169	0.279589	0	0	-6.72401	2.182301	8.906315	0.349773	0.560397	0.351841
LRCOL1__lincRNA	0.431145	0	1.78704	15.2131	3.98708	3.24691	1.01143	0	0.499373	-3.33908	0.554064	3.893141	0.24061	0.710838	0.1944
LRP4-AS1__antisen:	1.59909	1.51926	0.994796	127.455	7.68692	20.0521	4.31078	18.5709	53.6169	-5.23769	-4.21712	1.020568	0.315547	0.245395	0.645317
LRRC3-AS1__antise	0.733272	0.125516	0.56845	0.345928	0.278382	1.82049	0.23203	0.245724	0.1546	-0.77649	1.174422	1.950912	0.554754	0.305744	0.37344
LRRC37A11P__pseu	0	0.009583	0.065126	0.086545	4.33054	3.03348	2.15513	0.017787	0.19493	-6.63993	-4.98615	1.653774	0.187787	0.386794	0.472404
LRRC37A17P__pseu	0.117675	0.034701	0	0	2.20448	0	0	0	0	-3.85473	#DIV/0!	#DIV/0!	0.454763	0.282924	0.42265
LRRC37A6P__pseu	0.057533	0.083487	0.190691	0.017695	3.61973	3.14725	0.649718	0.145205	0.197993	-4.35428	-1.58174	2.772536	0.191758	0.35888	0.273241
LSP1P3__pseudoge	2.32502	3.18479	3.69594	0.722581	1.44687	0.945207	0	4.00429	4.57522	1.563462	0.10164	-1.46182	0.030397	0.861859	0.298678
LUCAT1__lincRNA	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MACROD2-AS1__ar	2.31496	0	0.470973	0	28.1638	30.7991	0	0	0	-4.40358	#DIV/0!	#DIV/0!	0.217577	0.319137	0.184318
MACROD2-IT1__ser	2.28425	3.40451	1.99565	0.087417	9.11732	8.12688	3.18418	1.13957	8.78409	-1.1734	-0.77042	0.402976	0.357085	0.565873	0.715877
MAFG-AS1__antiser	0.478668	0.28469	0.777673	0.29658	7.029	1.72533	0.352554	0.55787	0.712768	-2.55417	-0.07494	2.479229	0.363594	0.845891	0.345294
MAGI1-IT1__sense_	5.40655	4.1646	2.39027	16.9192	10.7322	57.3175	4.4159	4.11384	3.5074	-2.82855	-0.0091	2.819442	0.254016	0.970738	0.243203
MALAT1__lincRNA	725.026	824.681	697.851	660.586	702.712	632.931	450.443	508.45	405.282	0.171081	0.72033	0.549249	0.126838	0.003793	0.004296
MAP3K14-AS1__ant	0	0	0.318419	0	7.75574	5.16784	0.047918	0	1.42358	-5.34294	-2.20829	3.134648	0.204377	0.398182	0.232285
MAP3K14__process	1.71833	1.32323	1.22524	4.02165	49.9894	13.0311	0.847123	1.84516	9.87914	-3.97384	-1.55892	2.41492	0.277021	0.449728	0.349584
MAPKAPK5-AS1__li	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MAPT-AS1__antisen	0	0.028672	0.703211	0.04529	2.69458	17.0735	0.020142	0.01064	0.506128	-4.75872	0.446932	5.20565	0.335783	0.434131	0.336888
MARK2P9__pseudog	0	0.036977	0.141237	0	1.99116	0.104961	0.138297	0.119917	0	-3.55604	-0.53496	3.021083	0.433465	0.784537	0.43536
MATN1-AS1__antise	0.44013	0.354155	1.03951	1.0024	2.81506	28.3081	0	0.585998	0.35964	-4.13082	0.955472	5.08629	0.361371	0.391311	0.358344
MBL1P__pseudogen	2.53747	0.054367	1.189	2.76704	2.41206	19.9684	0.719395	1.17462	1.99987	-2.73364	-0.0425	2.691133	0.348272	0.971427	0.32307
MBNL1-AS1__antise	0	0	0	2.38067	0	0	0	1.19139	0	#NUM!	#NUM!	0.998722	0.42265	0.42265	0.742076
MCM3AP-AS1__anti	1.05255	3.91185	1.12979	29.101	3.66168	7.02642	0.764949	0	0	-2.70687	2.993999	5.700866	0.321286	0.246219	0.234251
MED15P9__pseudog	1.37557	0.661132	2.02079	0.167334	2.63905	8.49707	0.826959	0.160766	0.747144	-1.4781	1.225762	2.703865	0.391809	0.090428	0.323255
MEF2C-AS1__antise	6.96586	2.66849	1.76813	1.37487	98.0219	34.3314	0.581747	4.41488	2.50675	-3.55188	0.603736	4.15562	0.300158	0.661977	0.262928
MEG3__lincRNA	1.17106	2.43928	1.81209	2.97785	121.856	28.2325	1.64415	1.62064	1.21732	-4.81907	0.274761	5.093835	0.303109	0.513981	0.303919

MEG8__lincRNA	2.95597	1.13961	1.87609	137.674	45.0489	25.6659	0.49761	2.56848	1.20029	-5.125	0.485122	5.610121	0.186606	0.663132	0.190993
MEG9__lincRNA	0.044785	0.029254	0.213027	0.133998	2.92316	0.426328	0.097335	0.04898	0.085387	-3.60108	0.309111	3.910187	0.364322	0.77076	0.351398
MEIS1-AS3__antisense	0	0	0	0	43.3906	0.46698	0	0	0.267723	#NUM!	#NUM!	7.355941	0.41647	0.42265	0.420005
METTL21EP__pseudogene	0.623784	4.35804	0.090269	4.08456	6.78149	1.53655	4.3021	0.674443	0.951962	-1.28999	-0.22509	1.064902	0.052256	0.906292	0.391117
MFI2-AS1__antisense	0	0	0	0.712005	0	14.4012	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.394844	#DIV/0!	0.394844
MIMT1__lincRNA	0.048811	0	0.14645	0	1.84015	1.79162	0.047751	0.110152	0	-4.2172	0.306363	4.523561	0.196352	0.882303	0.194846
MIPEPP3__pseudogene	0	0	0	0	0	0	1.74942	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
MIR133A1__antisense	0.075251	0.040331	0.188308	4.9171	0.143034	0.019707	0.020153	0.089855	0.014921	-4.06316	1.282428	5.345593	0.43098	0.452019	0.41585
MIR137HG__lincRNA	0	0	0.144808	11.8817	0	106.237	0	0	0	-9.67188	#DIV/0!	#DIV/0!	0.361979	0.42265	0.362056
MIR181A1HG__lincRNA	87.2741	31.3717	5.15011	32.0351	48.6409	129.986	0.913261	9.19048	3.48394	-0.76697	3.187592	3.954559	0.63552	0.286509	0.164091
MIR210HG__lincRNA	0.153336	0.733316	0.465211	0.723331	0.31128	1.4082	0.460998	0.335117	0.350486	-0.85359	0.237586	1.091179	0.46619	0.770387	0.313438
MIR22HG__lincRNA	3.05719	1.98086	3.56222	1.41791	2.79132	45.8846	1.21085	2.84034	2.0605	-2.54218	0.492811	3.03499	0.434484	0.432188	0.420575
MIR3916__pseudogene	20.3607	82.7466	61.5271	34.0644	600.983	12.9717	13.9976	57.1819	12.7108	-1.97677	0.97269	2.94946	0.464011	0.159609	0.401475
MIR4435-1HG__lincRNA	32.3509	55.0972	225.759	109.326	60.3444	1709.79	58.9267	60.721	42.1549	-2.58513	0.952882	3.538012	0.391484	0.529029	0.405603
MIR4458HG__lincRNA	0.707531	0.836188	1.25946	0.541412	2.93663	3.0241	0.540197	0.603703	0.898388	-1.21385	0.456878	1.670729	0.222952	0.04685	0.184162
MIR4500HG__lincRNA	0.13675	0	0.562184	0.093613	11.4558	78.8654	0.741655	41.8189	0.051194	-7.01526	-5.92995	1.085308	0.345469	0.421457	0.673241
MIR4519__antisense	0	14.0452	8.02411	5.95037	152.22	27.1076	6.19588	12.6304	17.3113	-3.06958	-0.71146	2.35812	0.325074	0.278244	0.384662
MIR663A__processed	0	0	0	0	6.84311	2.70629	3.32515	0	0.08989	#NUM!	#NUM!	1.483507	0.250783	0.407259	0.559795
MIR7-3HG__lincRNA	0	0	1.18416	0	18.9253	10.1465	0.174291	0.097208	0.048366	-4.61768	1.888329	6.506013	0.231098	0.567288	0.223062
MKI67IPP6__pseudogene	136.904	69.5043	95.9816	91.4653	71.7193	49.2411	61.66	99.0747	133.363	0.509452	0.040114	-0.46934	0.203662	0.94625	0.494845
MKKN1-AS1__antisense	0	0.930599	1.21719	0.016511	4.34621	30.778	0.220305	0	0.746381	-4.03222	1.151733	5.183953	0.359876	0.360268	0.349801
MKRN9P__pseudogene	0.489716	0.636248	0.29907	0.385628	0.47866	0.285663	0.46362	0.843316	0.424495	0.309424	-0.28097	-0.59039	0.161177	0.273502	0.156294
MLK7-AS1__antisense	19.1924	13.3577	16.9404	12.3296	28.6367	60.357	13.5935	5.32494	0.461697	-1.03374	1.352573	2.386315	0.356927	0.09307	0.264053
MMP12__processed	69.7089	19.3729	18.96	37.5947	1.99748	1.95053	7.37835	25.3906	9.8949	1.378922	1.340504	-0.03842	0.046861	0.403444	0.983416
MMP24-AS1__antisense	36.4721	33.1066	44.783	18.8036	18.6213	14.4991	28.1229	39.97	41.2275	1.139131	0.065041	-1.07409	0.049748	0.744189	0.065343
MORC2-AS1__antisense	0	0	0	5.0508	1.24505	3.5123	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.097816	#DIV/0!	0.097816
MPRIIP1__pseudogene	4.91332	5.5144	4.3671	4.88387	3.60742	3.58468	2.93698	2.92177	3.15456	0.292953	0.714963	0.42201	0.238536	0.040322	0.161356
MRGPRG-AS1__antisense	0	0	0.410706	0.180121	0.380378	7.80343	1.37022	0.037062	0.098438	-4.348	-1.87428	2.473727	0.37988	0.5503	0.492615
MROH3P__pseudogene	0.169627	3.19365	0.875289	116.552	5.02146	12.1861	0.636587	0.418667	0.269984	-4.97992	1.677325	6.657247	0.360563	0.415636	0.344342
MRPL23-AS1__antisense	0	0.331187	0.659444	0.099107	88.7069	0.469415	0.244492	0.063536	0.218203	-6.49377	0.912653	7.406424	0.423245	0.530483	0.421964
MRPL3P1__pseudogene	17.5242	94.3968	16.2399	43.0246	29.8848	9.52038	12.6099	80.8526	83.4375	0.636719	-0.46498	-1.1017	0.621159	0.590548	0.424641
MRPL45P2__pseudogene	1.28913	3.77671	1.59694	2.66878	4.09327	86.8553	2.33538	3.0532	3.76515	-3.81258	-0.45824	3.354344	0.411245	0.4279	0.413157
MRPS31P2__pseudogene	294.941	6.68143	117.225	123.664	80.85	1.86492	0.851504	227.954	100.701	1.021129	0.346118	-0.67501	0.440939	0.859989	0.670307
MRV11-AS1__antisense	6.90797	4.71605	9.04913	2.84543	3.21054	115.125	4.90298	7.62038	8.86512	-2.55133	-0.04908	2.502257	0.453411	0.883136	0.458357
MSL3P1__pseudogene	3.09554	2.47052	3.30196	1.91857	1.09401	0.927071	0.566968	2.68206	0.896353	1.170544	1.097107	-0.07344	0.047298	0.220182	0.943048

MST1L__pseudogen	0.423194	0.123775	0.710337	0.218894	1.44761	1.34285	0.795451	0.528269	0.631955	-1.25912	-0.63733	0.621787	0.317139	0.273872	0.531069
MST1P2__pseudoge	0	0.1485	0	0.341162	9.85379	5.35921	0	0	0.282093	-6.71069	-0.92571	5.784986	0.198112	0.758056	0.204938
MSTO2P__pseudoge	4.90609	0.034732	26.9946	91.9668	730.118	1169.66	17.5236	0	15.2535	-5.96273	-0.03753	5.925201	0.167271	0.971805	0.173204
MTHFD2P1__pseud	0	0.053736	0.102675	0	9.80091	4.56396	1.31133	0.037377	0	-6.52106	-3.10816	3.412896	0.234744	0.4767	0.307835
MTMR9LP__pseudo	30.1944	14.0839	29.2611	14.518	8.01853	21.8751	12.0024	37.294	39.1492	0.72758	-0.26627	-0.99385	0.084048	0.723308	0.254125
MTUS2-AS1__antise	0	0.239127	1.31595	0	0.307809	36.4713	0.339657	0	0.094275	-4.56383	1.841446	6.405275	0.421523	0.498364	0.423201
MTX1P1__pseudoge	0	0	0	0.567917	0	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
MYADML__pseudog	0.166455	0.06543	0.444384	0.147436	0.296583	4.18136	0.176811	0.015162	0.105723	-2.7739	1.183756	3.957659	0.391047	0.361894	0.388417
MYCNOS__antisens	1.63426	0.151053	0.687304	1.38805	1.08351	0.8266	0.289414	0.397074	0.135974	-0.41562	1.588018	2.00364	0.510861	0.353715	0.026362
MYCNUN__lincRNA	0	0	0	0	14.6318	4.46154	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.27936	#DIV/0!	0.27936
MYLK-AS1__antisen	1.7854	3.36891	1.80062	316.765	5.91684	33.432	2.91462	2.86759	2.63497	-5.67816	-0.2753	5.402858	0.363223	0.433721	0.363474
NADK2-AS1__antise	0	0.05718	0	1.91894	0.357844	6.20309	0	0	0	-7.21238	#DIV/0!	#DIV/0!	0.251879	0.42265	0.247136
NALCN-AS1__antise	0.922755	0.791683	1.26205	82.4427	1195.07	899.74	2.79867	0.081206	0.179813	-9.51468	-0.03977	9.474908	0.161294	0.978925	0.161951
NAP1L1P1__pseudo	101.873	153.914	120.901	59.9417	27.8537	6.14837	31.9196	87.1485	13.4846	2.003501	1.506804	-0.4967	0.070105	0.02477	0.662218
NAP1L4P3__pseudo	199.712	531.115	52.4685	63.6989	31.7318	21.8751	14.1414	62.4838	50.2417	2.739282	2.626241	-0.11304	0.258388	0.248097	0.914887
NAPA-AS1__antisen	0.162756	0.191941	0.61104	0.5081	0.965063	9.70762	0.194869	0.355514	0.314738	-3.53325	0.158728	3.691975	0.354453	0.829132	0.36761
NAV2-IT1__sense_ir	0	0	0.927611	0.100332	0	0	0	0	0.082736	3.208738	3.486938	0.2782	0.488083	0.42265	0.921879
NBEAP3__pseudoge	0.240438	0.244807	0.105209	0.085482	1.84841	0.103036	0.136132	0.071781	0.188752	-1.7865	0.573904	2.360403	0.481636	0.488239	0.4678
NBPF13P__pseudog	4.77846	6.47606	2.28297	0.356306	8.78913	20.1389	38.2227	10.3176	2.06409	-1.11317	-1.9023	-0.78913	0.509637	0.364305	0.706834
NBPF18P__antisens	193.907	185.887	514.582	289.629	107.199	145.815	124.619	137.04	165.414	0.720878	1.066399	0.345521	0.478	0.249128	0.604779
NBPF22P__pseudog	0.035526	0	1.48284	0.13764	0.60254	3.57176	0.248561	0.032718	0.030557	-1.50582	2.283662	3.78948	0.258955	0.525544	0.356422
NBPF23__pseudoge	0	0	0	0	13.7953	44.6309	0.511144	0	0	#NUM!	#NUM!	6.836742	0.277901	0.42265	0.284261
NBPF7__pseudogen	0.047614	0.064914	0.405647	0.066465	0.445957	24.3389	0.221764	4.32065	0.052302	-5.58374	-3.14846	2.435275	0.413078	0.449314	0.524476
NBR2__pseudogene	2.47699	15.3322	1.9472	14.1326	9.04391	8.1736	7.45476	2.37561	3.98899	-0.66615	0.515629	1.18178	0.542607	0.755672	0.01956
NCOR1P1__pseudoi	0	0	0.54648	0	9.00102	11.4514	0.548945	0	0	-5.22596	-0.00649	5.219466	0.187213	0.998163	0.21162
NDUFA5P11__pseu	107.978	139.47	74.6392	24.281	54.967	20.3483	23.1739	107.225	102.671	1.693287	0.466689	-1.2266	0.01749	0.458777	0.209751
NDUFA6-AS1__proc	18.8723	8.70764	8.58949	6.25075	7.68787	14.3261	11.8802	17.8983	18.4622	0.355768	-0.41548	-0.77125	0.671706	0.54128	0.067756
NDUFV2P1__pseud	27.7233	13.2882	23.0841	7.36564	2.75689	3.95704	8.67898	22.0229	25.6559	2.186622	0.185611	-2.00101	0.032693	0.788365	0.159669
NEAT1__lincRNA	0	0	0	4.16451	8.73703	1.73026	0	0	0.861534	#NUM!	#NUM!	4.086056	0.140818	0.42265	0.181877
NEBL-AS1__antisen	0	0	0	0	0	0	0	0	0.187895	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
NEGR1-IT1__sense_	0	0	0	0	17.8938	25.0439	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.194594	#DIV/0!	0.194594
NEURL3__pseudoge	0.255325	0.086032	0.874582	0.096783	0.681951	22.8725	2.08159	0.17926	0.138862	-4.28177	-0.98079	3.300982	0.411402	0.653263	0.462466
NEXN-AS1__antisen	0	0	0	0	25.6035	37.9507	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.198489	#DIV/0!	0.198489
NF1P1__pseudogen	0	0	0	0	1.44011	1.15976	0	0	0.055215	#NUM!	#NUM!	5.557246	0.188209	0.42265	0.190512
NLRC3__polymorphi	1.74246	0.836666	2.93873	0.439032	4.39515	6.28752	2.1045	1.77667	1.41354	-1.0112	0.059556	1.070754	0.360253	0.929515	0.41776

NNT-AS1__antisense	0	4.13842	2.63932	6.82742	25.749	9.81538	10.1527	2.35563	1.06399	-2.64491	-1.00179	1.643118	0.135056	0.623805	0.339649
NOP14-AS1__antise	10.1829	7.32166	12.6623	10.3639	3.931	17.1711	15.2041	8.78184	20.0759	-0.06083	-0.54657	-0.48574	0.867113	0.115737	0.022927
NOS2P3__pseudoge	0.005186	0.018347	0.10215	0.121877	1.16619	0.097789	0.12214	0.011346	0.088004	-3.46291	-0.81744	2.645467	0.369404	0.531295	0.41791
NOVA1-AS1__antise	0.563854	14.6964	1.05317	47.2447	26.0575	40.2585	0.611488	6.95516	28.0036	-2.79933	-1.12461	1.674721	0.094569	0.603501	0.131788
NPHP3-AS1__antise	0	8.52279	0	0	48.6409	35.4981	2.896	3.96336	0	-3.30338	0.313252	3.616629	0.185023	0.822198	0.219109
NPIPP1__pseudoge	1.65356	2.53099	3.4785	1.74147	8.7632	11.9375	2.12023	5.14808	1.89288	-1.55022	-0.25762	1.292605	0.187922	0.720563	0.282183
NPM1P39__pseudoc	59.4898	53.4327	286.554	23.9335	80.4712	57.3446	69.8149	36.7483	73.6546	1.304351	1.148369	-0.15598	0.412252	0.407913	0.837068
NPM1P46__pseudoc	148.078	487.168	394.008	278.083	110.593	175.292	11.0222	174.787	6.12586	0.867914	2.422909	1.554995	0.408915	0.064116	0.334145
NPPA-AS1__antisen	0	0	0	0	0	9.92495	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
NR2E3__processed_	0.030105	0	0.821425	0.15993	10.3683	9.31843	0.38759	0.115148	0.703356	-4.54269	-0.50221	4.040482	0.181938	0.480034	0.196494
NR2F1-AS1__proces	12.112	2.54795	9.34169	3.96175	132.934	398.421	0.816633	2.91198	1.4494	-4.47919	2.212662	6.69185	0.280728	0.211578	0.267296
NR2F2-AS1__antise	5.82846	5.63974	6.94904	3.48435	9.53666	39.9368	0.914579	3.32109	1.8423	-1.52379	1.599396	3.123182	0.401136	0.044596	0.300323
NT5C3AP1__pseudc	7.94695	10.9978	8.33671	3.97052	2.6471	18.4695	9.14764	6.75536	5.94646	0.120974	0.320323	0.199349	0.907656	0.37468	0.86799
NTRK3-AS1__lincRN	0.066511	0.065357	0.604022	0	3.06507	3.98664	0.227078	0.024247	0.120774	-3.26041	0.983805	4.244215	0.19355	0.588877	0.216757
NUP210P1__pseudo	0	0	0.114271	0	1.78223	37.6883	0	0	0	-8.43217	#DIV/0!	#DIV/0!	0.395944	0.42265	0.396023
NUTM2A-AS1__anti	41.7717	85.7517	37.4882	259.724	77.8625	222.268	57.8121	83.8005	59.9714	-1.76248	-0.28881	1.473671	0.202504	0.237378	0.201735
OACYLP__pseudoge	0	0	0.391013	14.7074	56.1082	35.5945	0	0	0	-8.0882	#DIV/0!	#DIV/0!	0.097871	0.42265	0.097254
OGFR-AS1__antiser	8.55237	9.20328	7.19101	3.54987	2.85556	16.036	3.92267	7.00971	8.12111	0.152682	0.388791	0.236109	0.879279	0.346545	0.781366
OIP5-AS1__process	12.631	12.8981	9.44271	168.307	4.68927	404.41	6.14901	9.01081	5.7293	-4.04532	0.743441	4.788763	0.262458	0.034503	0.253505
OPCML-IT1__sense	0	0.023586	0.130215	0.02661	12.4642	0.153442	0.068702	0	0.054497	-6.36127	0.320078	6.681347	0.420339	0.831613	0.420038
OR10V2P__pseudoc	0	0	0.926108	0	9.80091	2.1255	0	0.0969	0	-3.68684	3.256606	6.943442	0.356795	0.485866	0.31249
OR11K2P__pseudoc	0	0	0	0.138478	6.14321	2.23269	0.102439	0.114246	0	#NUM!	#NUM!	5.29623	0.248101	0.184713	0.254857
OR1D4__pseudogen	0.062576	0.14771	0.561184	0.245489	0.990021	0.410199	0.21252	0	0	-1.09303	1.860012	2.953039	0.423196	0.461573	0.228226
OR2L1P__pseudoge	0.035745	0	0.142839	0.141456	0	0.135511	0.104651	0.116715	0.077451	-0.63311	-0.74266	-0.10955	0.463959	0.538715	0.906867
OR2M1P__pseudoge	0	0	0	0	1.17004	1.09144	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.183996	#DIV/0!	0.183996
OR4C1P__pseudoge	1.44428	0	0	0	0	76.8572	0.405148	0	0	-5.73376	1.83383	7.567588	0.433599	0.42265	0.425701
OR4C4P__pseudoge	0	0.084988	0.323867	0	0.649073	4.00937	0.175758	0	0	-3.51019	1.218	4.728186	0.341946	0.644121	0.363384
OR4F13P__pseudog	0.043858	0	0.146347	0.058255	0.093745	37.9399	2.40343	0	0.095489	-7.64579	-3.71568	3.930108	0.421	0.435225	0.458039
OR4K3__pseudogen	0	0	0.056218	0.221646	1.71731	0.317689	0	0	0.425615	-5.32699	-2.92043	2.406559	0.274539	0.42265	0.390664
OR52A4__pseudoge	0	0	0.09789	0	0.138618	72.3795	0.031887	0	0	-9.53297	1.618202	11.15117	0.421544	0.629859	0.421799
OR5E1P__pseudoge	0	0	0.536929	0	0	71.8781	0.521978	0	0	-7.06468	0.040742	7.105419	0.42265	0.988473	0.426858
OR5G5P__pseudoge	1.015	0.816579	0	1.66401	6.31487	7.0089	0	0	0	-3.03263	#DIV/0!	#DIV/0!	0.149585	0.188253	0.096718
OR6C72P__pseudoc	0	0	0	18.4936	111.091	1.94683	0.238137	0.189703	0	#NUM!	#NUM!	8.26412	0.325799	0.188686	0.326641
OR7E14P__pseudoc	0.577635	0.291998	1.92544	7.55504	4.77403	7.82739	1.91621	0.659555	0.806119	-2.85028	-0.27494	2.575343	0.015237	0.810006	0.021804
OR7E19P__pseudoc	0	0	0	0	0	0.896567	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265

OR7E35P__pseudog	0.102807	0	0.307656	0	0.054165	0	0	0	0	2.921827	#DIV/0!	#DIV/0!	0.374497	0.269431	0.42265
OR7E47P__pseudog	0	0	0.362214	0.229818	2.64537	61.0596	3.57459	0.567813	0.875945	-7.46362	-3.7923	3.671317	0.395879	0.264646	0.436012
OR7E5P__pseudoge	0	0	0.066185	0	0.158896	0.142244	0.650252	0	0	-2.18586	-3.29642	-1.11056	0.229961	0.48408	0.705464
OR8G1__polymorph	0	0	0.467304	0	0.396621	0.539325	0.457694	0.188422	0.273422	-1.00206	-0.97655	0.025516	0.328787	0.508827	0.983345
OR8G2P__pseudoge	0	0.085429	0.180856	0	0.076752	0	0.28266	0	0.078447	1.794696	-0.43946	-2.23415	0.395645	0.824838	0.458567
OSER1-AS1__lincRf	8.89649	16.9754	7.77674	3.53721	11.1881	5.11488	7.88903	11.4322	11.2474	0.762122	0.138496	-0.62363	0.042328	0.731271	0.176723
OSTCP4__pseudoge	646.042	709.726	486.676	254.459	260.039	535.028	13.8682	222.012	249.754	0.811883	1.923679	1.111796	0.234772	0.05943	0.132098
OTX2-AS1__antisen	0.036677	1.50388	2.68807	0.616204	48.6466	476.842	0.503252	0	0.053266	-6.95902	2.92569	9.884707	0.367659	0.309293	0.366893
OVCH2__polymorph	0.054007	0	7.65207	0	4.89438	15.5096	0.137706	0	0	-1.40478	5.806333	7.211115	0.208074	0.428999	0.28058
PABPC1P4__pseudc	5.53988	1437.81	415.734	587.297	2.25193	5.95031	645.146	222.146	10.0136	1.64242	1.08344	-0.55898	0.544682	0.604258	0.284556
PADI6__processed_	0	0	1.17623	0.050541	2.20072	2.43123	0.09945	0.027716	0	-1.99311	3.209391	5.202497	0.201103	0.487041	0.193535
PARGP1__pseudoge	4.88963	24.2579	9.96139	8.67374	3.34188	6.70309	0.949596	15.0057	2.56656	1.063017	1.078269	0.015252	0.45255	0.047784	0.992209
PARP4P2__pseudog	0	5.99499	3.05498	0.16127	100.521	7.96327	39.9699	0.099729	0.330955	-3.58557	-2.15839	1.427181	0.392505	0.553014	0.636161
PART1__lincRNA	1.06202	0	0	0	11.4222	23.4089	0	0	0	-5.03549	#DIV/0!	#DIV/0!	0.252104	0.42265	0.227942
PAXBP1-AS1__antis	0	0	0	0	4.33054	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
PBX2P1__pseudoge	3.35597	6.88949	2.94432	2.98884	3.60625	19.1521	1.03921	3.32287	3.81688	-0.96499	0.689431	1.654426	0.561695	0.333657	0.343972
PCAT4__lincRNA	0	0	0	0	6.51552	337.008	0.042225	0	0	#NUM!	#NUM!	12.99004	0.411598	0.42265	0.41167
PCAT6__antisense	0.341763	0.083396	0.310386	1.71629	0.828461	2.29589	0.615929	0.061741	0.60751	-2.71831	-0.80509	1.913227	0.062167	0.216209	0.047988
PCBP1-AS1__antise	14.0391	0.799528	19.6014	10.676	45.4449	75.357	7.20099	13.741	11.847	-1.93266	0.070875	2.003537	0.216509	0.942453	0.198266
PCED1B-AS1__proc	0	2.71506	6.06544	54.5415	16.3288	9.91369	17.2529	2.0833	28.6664	-3.20169	-2.45074	0.750957	0.26222	0.203782	0.570856
PCGEM1__lincRNA	0	0	0.038642	0	24.2655	2.19368	0	0	0	-9.41938	#DIV/0!	#DIV/0!	0.373839	0.42265	0.373012
PDCD4-AS1__antise	27.3981	31.1165	14.395	0.277496	1.36413	0.660356	0	0.163095	0.192904	4.98516	7.678092	2.692931	0.041643	0.041641	0.147777
PDPK2__pseudogen	0	1.07903	0.584667	0.675508	4.1931	4.46334	0.621611	1.12331	0	-2.48779	-0.06877	2.419017	0.11803	0.945121	0.191421
PDX1-AS1__antisen	0.287398	12.8898	1.12632	5.55445	18.9922	124.719	2.96044	0.903557	1.71602	-3.38344	1.358029	4.741469	0.370875	0.590355	0.332891
PDXDC2P__process	5.82765	16.3632	7.58696	25.6346	65.3479	44.4507	4.8569	19.0843	6.4906	-2.18527	-0.03134	2.15393	0.053179	0.87781	0.043027
PDZK1P1__pseudog	0	1.46771	0	0	0.593382	0.688214	0	0	0.8028	0.195625	0.870454	0.674829	0.90343	0.770529	0.54259
PFN1P11__pseudog	1.89875	11.6597	4.64211	0	0.473584	77.5015	50.8119	66.2001	62.3993	-2.09903	-3.30122	-1.20219	0.531977	0.002305	0.306429
PFN1P1__pseudoge	92.1078	51.8364	71.1162	52.5042	47.7541	15.5257	41.6642	56.8026	30.621	0.893306	0.736389	-0.15692	0.161747	0.234922	0.628401
PGCP1__pseudoger	0	0	0	0	2.55108	1.71195	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.198876	#DIV/0!	0.198876
PHF2P2__pseudoge	0.124654	1.34073	2.02429	0.918208	20.317	85.3553	2.28571	0.099622	0.136839	-4.93284	0.468426	5.401269	0.303537	0.821319	0.314068
PI4KAP1__pseudoge	0	0.998802	1.05584	2.49698	0.771544	0.991923	1.34432	2.07213	0.461863	-1.05212	-0.91654	0.135576	0.492239	0.421454	0.87857
PI4KAP2__pseudoge	1.12389	13.3577	1.86193	2.04901	1.44607	3.4789	1.30819	1.9918	1.09591	1.228665	1.894488	0.665824	0.551318	0.394553	0.417312
PIEZO1P2__pseudo	0.037911	0	1.91434	0	61.719	15.8426	0.370984	0.041398	0.061845	-5.31213	2.041488	7.35362	0.310063	0.546737	0.300934
PIN1P1__pseudoger	0	0.115958	0	0	0	0.21768	0.095995	0.035685	0.071047	-0.90861	-0.80593	0.102673	0.761882	0.651864	0.951173
PINK1-AS__antisens	31.7619	20.8082	26.1204	11.2673	6.95763	23.4523	15.7882	55.3179	29.4732	0.91693	-0.35407	-1.271	0.141072	0.668957	0.305167

PITPNA-AS1__antisense	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
PITRM1-AS1__processed	0	0	0	0	11.1881	200.636	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.3914	#DIV/0!	0.3914
PKD1L2__polymorphic	0.003734	0.080235	0.881258	0.272631	49.9894	370.709	1.38668	0.140327	0.190833	-8.76864	-0.83166	7.936981	0.350206	0.719098	0.352546
PKD1L3__processed	19.5273	22.2875	12.5146	7.62474	83.8483	11.4514	10.8261	20.9643	14.1024	-0.92178	0.243465	1.165246	0.552601	0.455361	0.477521
PKD1P6__pseudogene	0.41855	0.636034	3.23435	0.346623	4.20639	32.5288	0.726206	0.854851	2.11574	-3.11202	0.214343	3.326364	0.35845	0.710427	0.370093
PLCE1-AS1__antisense	0	0	0	0	0	6.04138	0	9.36859	0	#NUM!	#NUM!	-0.63295	0.42265	0.42265	0.827679
PLEKHA8P1__pseudogene	0.508819	0	1.54591	7.02682	177.245	130.49	1.77258	0	4.4721	-7.25917	-1.60368	5.655489	0.176672	0.241058	0.181199
PLEKHM1P__pseudogene	2.16413	5.08103	1.77885	3.89353	72.9406	9.77181	15.817	5.49917	7.2278	-3.26263	-1.66135	1.60128	0.344673	0.233657	0.510873
PLGLA__pseudogene	3.37319	2.55677	0.870372	0.3008	2.25031	3.11427	2.88028	0.139494	0.036205	0.263432	1.153971	0.890538	0.828325	0.169888	0.667939
PLK1S1__processed	114.304	103.285	70.9848	41.4937	84.9409	116.861	112.533	77.5547	109.024	0.24623	-0.05174	-0.29797	0.70291	0.867618	0.551496
PMCHL1__pseudogene	0	0	0.066618	0	2.20072	4.11623	0.114142	0.036358	0	-6.56717	-1.17578	5.391395	0.21704	0.646684	0.23469
PMCHL2__pseudogene	0	0	0.09881	0	0.450871	0	0	0	0.053714	-2.18998	0.87937	3.069353	0.55963	0.42265	0.495002
PNLIPRP2__polymorphic	0	0	0.989491	3.24461	3.16287	2.90879	1.75542	0	0.113508	-3.23499	-0.91745	2.317541	0.023045	0.741191	0.039393
POLRMT1P__pseudogene	1.5084	1.6026	2.47695	2.65185	1.35681	29.2433	1.38668	2.28084	2.75327	-2.57305	-0.20043	2.372617	0.403856	0.352328	0.416235
POM121L1P__pseudogene	0.804537	0.390317	0.64553	0.412018	0.376382	0.394362	0.669744	0.33553	0.484076	0.637847	0.305324	-0.33252	0.185605	0.067515	0.358513
POM121L4P__pseudogene	0	0.022154	0.638755	0.032486	0.515437	2.77643	0.355227	0	0.023438	-2.33055	0.803531	3.13408	0.299145	0.770758	0.396781
POM121L9P__pseudogene	0.161661	0.115432	0.962173	0.139028	0.780927	0.934091	0.673799	0.030821	0.178734	-0.58119	0.488422	1.069613	0.467429	0.781351	0.529566
POTEKP__pseudogene	0.029925	0.043889	1.07805	0	0.551977	654.441	0.133786	0.024643	0.01247	-9.15137	2.752761	11.90413	0.422227	0.471088	0.422303
POU5F1P4__pseudogene	0	0	0.118881	0.275082	0.126363	0.738174	0.058107	0	0.064511	-3.26096	-0.04465	3.216311	0.145065	0.972888	0.183284
PPATP1__pseudogene	74.4327	340.933	35.4179	4.73664	2.10858	43.9184	6.82476	105.168	77.0893	3.150568	1.253423	-1.89715	0.332554	0.392667	0.262527
PPBPP2__pseudogene	0.022923	0	0.137574	0.030366	0.097681	0.393333	0.044865	0.100049	0.489569	-1.69979	-1.98303	-0.28325	0.239242	0.253519	0.329229
PPIAL4E__pseudogene	0.141428	0.050157	0.139582	0.132335	0.273962	0.189977	0.180826	0.045073	0	-0.84842	0.551881	1.400298	0.333332	0.581212	0.290488
PPP1R2P4__pseudogene	11.5552	58.8097	2.45787	186.306	41.2948	171.792	64.2785	11.5616	13.8108	-2.45535	-0.29993	2.155418	0.227161	0.864496	0.113932
PPY2__pseudogene	0	0.192616	0.271286	0	0	0.409092	2.79867	0	0	0.181395	-2.59285	-2.77424	0.866386	0.521718	0.512227
PRAC2__antisense	0	30.8893	0.330932	0	10.037	1.41146	0.668966	8.09516	0.247296	1.447328	1.792655	0.345327	0.4533	0.437721	0.404014
PRAMENP__pseudogene	1.40294	0	0.534658	0.064188	5.477	24.3788	0.484969	3.33344	0.063096	-3.94877	-1.00235	2.946421	0.340632	0.678377	0.384224
PRKCQ-AS1__lincRNA	0.964075	0.467952	0.370775	0.457261	2.18887	13.0955	0.290486	0.916429	0.475765	-3.12627	0.09948	3.225752	0.373756	0.915011	0.360106
PRKG1-AS1__antisense	1.4625	23.1346	8.01357	6.46205	600.983	33.432	0.049417	20.4894	0	-4.29663	0.666991	4.963623	0.392868	0.185437	0.384079
PRKXP1__pseudogene	0	0	1.26582	0.76612	3.49608	4.84848	0.1118	0.167371	0.924902	-2.84749	0.072149	2.919636	0.105617	0.909953	0.119904
PRMT5-AS1__antisense	0	0	0	0	0	1.9316	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
PROSER2-AS1__antisense	1.45357	0.545235	1.79246	1.62309	58.379	88.0998	1.75508	0.795221	0.171815	-5.28777	0.477951	5.765718	0.198041	0.629777	0.201424
PROX1-AS1__antisense	19.3007	12.0863	3.67423	39.7165	15.1409	41.8621	5.19883	20.581	2.86551	-1.46393	0.291576	1.755506	0.179953	0.775265	0.249408
PRRT3-AS1__antisense	1.03082	10.88	1.13283	3.46244	4.65077	6.01559	1.57761	0.996855	1.66899	-0.11529	1.620036	1.735328	0.924334	0.48745	0.046084
PRSS30P__pseudogene	0	1.17658	0.099207	0.118601	0.201514	2.01991	0.068046	0.715687	0.075566	-0.87514	0.570155	1.445291	0.715181	0.484533	0.575062
PRSS41__pseudogene	0	0	0.600588	1.9154	0.072841	1.87126	0.732718	0	0.148855	-2.68397	-0.5537	2.130262	0.181839	0.811535	0.177612

PSG7__polymorphic	0	0	0.347439	0.11749	1.49268	0.381206	0.546989	0	0	-2.51893	-0.65475	1.864182	0.366267	0.822208	0.478586
PSME2P2__pseudog	12.9241	7.40746	9.47413	4.36834	7.8294	7.66606	3.89681	11.2406	5.87849	0.585446	0.504107	-0.08134	0.344372	0.514176	0.828564
PSPC1P1__pseudog	3.67369	9.31111	4.52298	5.1634	6.07821	30.3928	3.05808	6.96931	1.08744	-1.24978	0.65551	1.90529	0.466579	0.121843	0.400549
PTCHD3P1__antisense	6.6851	13.1955	40.1443	8.12061	10.4422	19.9047	2.11101	6.93671	1.94692	0.641921	2.448761	1.80684	0.39217	0.273718	0.176387
PTGES3P1__pseudog	74.7153	68.3131	59.3739	20.1055	15.5027	13.713	28.753	52.1476	44.9565	2.036946	0.685439	-1.35151	0.002856	0.130233	0.096845
PTMAP5__pseudog	262.713	245.815	332.054	108.925	62.5532	98.995	43.4457	110.451	156.852	1.635903	1.43564	-0.20026	0.014496	0.018308	0.766641
PTOV1-AS1__antisense	5.14526	1.02656	0	3.51382	1.26548	32.271	2.74861	6.35073	6.88309	-2.58572	-1.37272	1.212998	0.448283	0.372458	0.530429
PTPRG-AS1__processed	8.34292	0.527805	0.937685	2.58885	8.76638	105.531	1.15468	0.753363	0.677121	-3.57494	1.923763	5.498705	0.411645	0.420504	0.372519
PTPRVP__pseudog	0.007068	0	0.396505	0.159993	4.45445	23.3118	0.235966	0.077359	0.053952	-6.11265	0.13596	6.248609	0.319323	0.95001	0.327685
PVRL3-AS1__antisense	22.957	7.46691	19.2533	15.9576	199.401	191.227	9.3436	29.5087	2.48033	-3.0329	0.265303	3.298206	0.200705	0.843897	0.169874
PWRN2__lincRNA	0.050427	0.008013	0.115743	0.036143	0.141216	0.258401	0.099981	0	0.029646	-1.32293	0.426231	1.749161	0.2283	0.741886	0.360331
PWRN4__lincRNA	0	0	0.031004	0	3.15291	2.27974	0	0	0	-7.45307	#DIV/0!	#DIV/0!	0.194707	0.42265	0.19385
PXN-AS1__antisense	110.286	56.1943	68.0025	72.4097	19.7417	31.1486	83.2471	115.585	92.2149	0.927309	-0.31177	-1.23908	0.000131	0.530806	0.151639
PYY2__pseudogene	0	0	0.120804	0.119787	13.8751	2.01592	0.206652	0.17828	0	-7.05023	-1.67194	5.378299	0.344915	0.489074	0.348369
RAB11B-AS1__antisense	2.84913	13.9144	5.65382	5.9608	10.5929	6.93146	1.7431	6.75722	4.325	-0.06713	0.805621	0.872755	0.869587	0.24787	0.018205
RAB30-AS1__lincRNA	5.23639	3.34179	5.8361	3.79284	3.28279	10.2121	3.38953	3.09287	4.1384	-0.26225	0.440606	0.702856	0.640002	0.131203	0.367959
RAC1P2__pseudog	47.2019	25.4021	48.1956	27.8655	15.0236	13.1247	10.3386	32.5974	24.3443	1.108761	0.84436	-0.2644	0.095891	0.305511	0.76119
RAD51-AS1__processed	3.05968	5.36556	1.33924	9.00845	4.95648	12.9046	1.61488	2.09681	1.49548	-1.46036	0.907044	2.3674	0.24104	0.264469	0.099768
RAMP2-AS1__lincRNA	5.76906	1.74693	3.47784	1.0314	3.68674	2.09613	0.547795	2.65029	3.57932	0.690063	0.697889	0.007826	0.544926	0.540671	0.988636
RANBP20P__pseudog	9.35138	1.67018	7.74898	0	0	0	1.3836	0	18.79	#DIV/0!	-0.104	#NUM!	0.115986	0.940949	0.38181
RAPGEF4-AS1__antisense	0.062319	1.51883	0.181063	1.5157	5.75265	43.9686	0.673543	0.020466	0.108756	-4.86173	1.134337	5.996063	0.351045	0.658032	0.341826
RASAL2-AS1__lincRNA	0	1.37203	0	0	0	10.7077	4.72857	4.13138	0	-2.96426	-2.69099	0.273278	0.500711	0.210354	0.914058
RASSF8-AS1__antisense	1.07806	0	0.967368	2.27871	9.15433	0	1.01936	0	0	-2.48273	1.004739	3.487474	0.41616	0.38874	0.349352
RBBP4P2__pseudog	56.004	31.5472	30.2027	41.3603	11.0722	68.3837	35.3536	68.4242	85.0211	-0.03704	-0.68108	-0.64404	0.96134	0.407428	0.34603
RBFADN__processed	2.46038	2.6502	1.30471	2.71349	13.6958	6.07427	1.16756	1.94373	1.60463	-1.80928	0.443975	2.253259	0.229102	0.347424	0.190232
RBM26-AS1__antisense	3.23496	2.37749	1.28402	3.99882	4.65352	6.92982	2.16181	1.68508	6.61471	-1.17597	-0.60117	0.574792	0.182617	0.624498	0.156549
RERG-AS1__lincRNA	0	0	0	0	0	25.6659	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RFPL1S__antisense	0.084265	0.066235	4.00102	0.097291	13.0924	106.237	0.765464	0.036902	0.030641	-4.84634	2.317239	7.163581	0.354235	0.524402	0.36014
RMST__processed	0	0.01246	0.142945	0.056321	6.33238	3.8374	2.46155	0.372553	0.028822	-6.04008	-4.20339	1.836694	0.205777	0.372306	0.430952
RNF144A-AS1__processed	0.096534	0.036659	0.47068	0.109726	0.781448	1.31468	0.386756	0.165818	0.522802	-1.86902	-0.83252	1.036496	0.178381	0.154358	0.372774
RNF157-AS1__antisense	0	0	0	0	1.16702	66.6045	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.412624	#DIV/0!	0.412624
RNF185-AS1__antisense	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RNF219-AS1__antisense	9.74749	14.4234	6.21311	8.89902	499.555	105.531	8.32509	7.58968	6.65452	-4.33682	0.428951	4.765771	0.319576	0.354912	0.319546
RNU105B__snoRNA	0	0	0	0	0	4.32391	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
ROCK1P1__pseudog	2.51726	2.18631	4.04287	25.3915	48.2174	114.86	54.7021	10.4542	27.9576	-4.42949	-3.41223	1.017258	0.150584	0.160121	0.444931

RP1-102D24.5__anti	0	0	0	0	12.0587	22.1787	0.202285	0	0.299285	#NUM!	#NUM!	6.092978	0.216993	0.198357	0.220382
RP1-102E24.6__pse	1475.64	68.7097	27.3608	244.219	23.2559	2.48886	3.59499	1410.89	1607.24	2.541498	-0.94304	-3.48453	0.390217	0.670733	0.255899
RP1-102E24.9__pse	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP1-10C16.1__lincR	0	2.82012	0	1.13971	3.86765	1.29276	1.26601	0	0	-1.15962	1.155468	2.315091	0.003779	0.709741	0.287625
RP1-117O3.2__antis	20.7623	9.94283	12.2295	12.0957	4.52855	1259.64	12.4044	21.1701	25.078	-4.89364	-0.45005	4.443591	0.429186	0.522377	0.430628
RP1-118J21.25__an	0	0	0.318442	0.140456	0.0847	2.38423	0.181658	0.086813	0.057626	-3.03461	-0.03427	3.000341	0.361731	0.986588	0.433487
RP1-127D3.4__antis	3.92931	0.7027	0.409539	0.155107	4.36687	15.261	0.157926	0.030349	0.105266	-1.97232	4.102231	6.074552	0.459811	0.28667	0.286204
RP1-137K24.1__linc	0	0	0	0	15.4694	11.9112	0.536582	0	0	#NUM!	#NUM!	5.673212	0.190312	0.42265	0.206479
RP1-13P20.6__antis	0	0	0.578096	0	2.62159	3.92551	0	0	0.02187	-3.50148	4.724271	8.225746	0.189474	0.42265	0.198821
RP1-140A9.1__antis	0.071858	0.084769	0.682848	0.047392	1.80824	3.05101	0.210371	0.195519	0.272463	-2.54718	0.307451	2.854628	0.198304	0.791923	0.241106
RP1-140J1.1__lincR	0	0	0.079497	0.158275	12.5759	65.8776	0.10382	0.028934	0.057644	-9.94963	-1.26005	8.689579	0.323166	0.417757	0.324282
RP1-148H17.1__linc	0	0	0.741085	0	2.97741	4.55162	0	0	0	-3.34475	#DIV/0!	#DIV/0!	0.189585	0.42265	0.200786
RP1-149A16.12__an	0.758258	0	0.571355	1.82889	0	0.936008	0	0	0	-1.05622	#DIV/0!	#DIV/0!	0.267337	0.191453	0.223014
RP1-149A16.3__linc	0.039493	0	0.237089	0	0.252742	18.0221	0.135358	0	0.551001	-6.04601	-1.31126	4.734752	0.415787	0.279196	0.418849
RP1-150O5.3__lincR	0.178855	0.105594	0	0	1.56129	0	0.294506	0.096327	0	-2.4565	-0.45838	1.998115	0.497366	0.47061	0.547764
RP1-151B14.6__anti	1.64024	0.507109	0.741222	1.33049	6.40656	30.3928	0.215922	1.02841	1.76569	-3.72249	-0.05942	3.663075	0.327038	0.961689	0.304392
RP1-155G6.4__antis	0	0	2.04627	0	1.98356	40.6614	1.01143	0.097245	0	-4.38131	0.88416	5.265467	0.393792	0.763063	0.411043
RP1-158P9.1__lincR	0.312274	0	0	0	0.200722	0.537963	0.13887	0	0	-1.24215	1.169077	2.411224	0.623341	0.42265	0.413784
RP1-159A19.4__anti	0	0	0	1.61579	0	1.5913	0.754822	0	0	#NUM!	#NUM!	2.087056	0.183527	0.42265	0.21747
RP1-15D23.2__lincR	1.45717	0.163586	0.955515	5.9417	77.8625	78.8654	0.926662	0.652578	0.299699	-5.98052	0.455366	6.435883	0.16067	0.587077	0.158121
RP1-166H1.2__lincR	0	0	3.75677	0	2.27261	2.8154	0	0	0	-0.43761	#DIV/0!	#DIV/0!	0.687547	0.42265	0.18811
RP1-167G20.1__linc	0.028262	0	1.79888	0	12.4016	41.376	1.56449	0.046336	0.791737	-4.87934	-0.39499	4.484359	0.276821	0.819202	0.301298
RP1-178F10.1__anti	0.110978	0.196447	0	0.363643	2.81992	0.104255	0.053925	0.240655	0	-3.41882	0.061577	3.480401	0.347633	0.897247	0.335299
RP1-178F15.5__proc	0	0	0.658744	0	1.95666	11.3188	1.03905	0	0	-4.3329	-0.65748	3.675425	0.327905	0.821527	0.387467
RP1-184J9.2__antis	20.6001	29.7964	0	8.33079	6.36524	62.5282	9.02315	27.576	17.828	-0.61573	-0.111	0.504727	0.771858	0.891118	0.734007
RP1-18D14.7__antis	0	0	0	0	0.284319	0.114153	0	0	0	#NUM!	#NUM!	1.316542	0.42265	0.42265	0.679334
RP1-191L6.2__lincR	0	0	0.982331	0.639329	0	62.5575	0	0	0	-6.0075	#DIV/0!	#DIV/0!	0.416687	0.42265	0.41678
RP1-197B17.3__linc	0.373041	0.401066	0.888984	2.17618	14.305	33.432	0.523879	0.95641	0.803171	-4.90748	-0.45735	4.450127	0.213844	0.384405	0.220823
RP1-1J6.2__antisen:	0	0	2.16458	1.30515	2.39753	288.191	0	0	0	-7.07521	#DIV/0!	#DIV/0!	0.415202	0.42265	0.415258
RP1-206D15.3__linc	0.797261	0	0	0	3.76925	2.40562	3.09937	0	0	-2.95328	-1.95885	0.994434	0.316434	0.42265	0.673633
RP1-212P9.3__antis	0.739479	0.26424	0.172497	0	0.189992	7.49485	0.377362	0	0.351365	-2.70786	0.690703	3.398565	0.489433	0.464703	0.438774
RP1-213J1P__B.1__	0	0	2.52678	0.317358	1.38605	23.1152	0.961594	0	0.158185	-3.29605	1.174086	4.470136	0.376367	0.682229	0.40531
RP1-228P16.4__anti	0	0.585288	1.67286	0.087629	4.12171	9.30464	0.175443	0	0.041018	-2.58124	3.382962	5.964203	0.227446	0.323513	0.242835
RP1-231P7P.1__linc	0.859805	0	0	0	3.38061	8.61012	0.855756	0	0	-3.80177	0.00681	3.808576	0.308232	0.42265	0.307953
RP1-232N11.2__pro	0	0.124525	0.135904	0	10.078	3.40478	0.803174	0.03297	0.082102	-5.69408	-1.81799	3.876094	0.271329	0.531217	0.31634

RP1-251I12.1__lincF	0	0	0.205555	0.433728	0	0	0.040134	0	0.044551	-1.07727	1.279336	2.356602	0.725534	0.579439	0.491249
RP1-261D10.2__anti	6.29434	1.38228	5.9034	16.5191	3.76906	5.62113	13.6472	0	1.34843	-0.93198	-0.14306	0.788927	0.322288	0.906692	0.012445
RP1-272J12.1__anti	3.44641	2.8667	2.18477	11.483	7.45875	23.4089	0.679287	4.34877	0.114443	-2.31721	0.724633	3.041842	0.155897	0.484819	0.169468
RP1-272L16.1__lincI	0	0	0.387227	0.663321	4.45445	6.68169	1.14591	0	0	-4.9294	-1.56524	3.364155	0.14869	0.637866	0.235435
RP1-278O22.2__linc	0	0.823488	1.88935	0	27.5903	2.00343	1.48267	0.843752	2.32016	-3.44742	-0.77637	2.67105	0.420194	0.27697	0.462355
RP1-283E3.4__pseu	3.48747	7.39003	0.949051	20.6801	5.5613	2.57714	1.7222	3.37086	1.09765	-1.28497	0.933853	2.21882	0.435087	0.259185	0.317487
RP1-288L1.4__lincR	0	0	1.1243	0	4.53447	1.80233	0	0	0	-2.49473	#DIV/0!	#DIV/0!	0.343617	0.42265	0.250224
RP1-288L1.5__lincR	0	0	0	0	0	2.20617	0.043573	0	0	#NUM!	#NUM!	5.661976	0.42265	0.42265	0.434163
RP1-28O10.1__antis	24.3551	2.17137	3.54213	3.90477	1.66759	25.4267	0.765385	1.74429	6.3358	-0.04397	1.765246	1.809213	0.982067	0.484259	0.338912
RP1-293L6.1__antis	0	0	0.735464	0.314212	12.2741	8.03212	0.174817	0	0	-4.80928	2.072809	6.882085	0.196185	0.571814	0.195306
RP1-300I2.2__pseuc	0	0	1.30017	0.442151	0.638388	0	0	0	0	0.266949	#DIV/0!	#DIV/0!	0.916269	0.42265	0.196644
RP1-302D9.2__lincR	0	0	0	0	1.45172	8.34422	0.906381	0	0	#NUM!	#NUM!	3.433994	0.332234	0.42265	0.39746
RP1-302D9.3__antis	0	0	0	0	2.72498	2.62084	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.183658	#DIV/0!	0.183658
RP1-34M23.5__antis	6.15922	3.29691	24.5004	3.81112	3.93218	10.7729	3.16997	5.12738	11.7533	0.874901	0.76004	-0.11486	0.360573	0.392707	0.470636
RP1-35C21.2__lincR	0	0	2.48715	2.77497	65.3479	54.488	2.91956	0.139182	0.138509	-5.62345	-0.36234	5.261111	0.170008	0.89066	0.187835
RP1-37C10.3__antis	2.63344	1.3663	3.32038	2.12637	3.79713	22.7483	1.44144	6.78932	3.89075	-1.96969	-0.72763	1.242063	0.370601	0.503362	0.499872
RP1-37J18.1__lincR	0.263051	0	0	0	0.672332	24.1474	0.251564	0.281084	0.13947	-6.56	-1.35337	5.206629	0.413126	0.247835	0.4194
RP1-37N7.1__antise	0.008718	0.010279	0.16595	0.06715	0.305393	1.66315	0.079916	0.016967	0.079244	-3.46034	0.070487	3.53083	0.300301	0.954698	0.333156
RP1-37N7.3__lincRN	0.121261	0.038133	0.690525	2.85653	0.911548	4.698	0.21919	0.088324	0.16715	-3.3163	0.840419	4.156715	0.108066	0.594902	0.130575
RP1-39G22.7__antis	0.760032	0.919938	0	0.583437	0	0.42001	0.724648	0	0.9786	0.743471	-0.01985	-0.76332	0.619525	0.989997	0.298756
RP1-41C23.1__lincR	0.38971	0.287399	1.55534	0.447922	10.9434	2.70696	0.365553	0.052887	0.972675	-2.65882	0.682386	3.341206	0.360831	0.227201	0.334743
RP1-43E13.2__antis	5.46698	4.39521	1.11987	2.93412	6.3386	49.4162	1.13353	1.39029	9.52898	-2.41794	-0.13422	2.28372	0.430938	0.937719	0.330769
RP1-46F2.2__lincRN	0	0	0.474016	0	15.4373	48.3233	0	0	0	-7.07159	#DIV/0!	#DIV/0!	0.273268	0.42265	0.274339
RP1-50O24.6__antis	2.25471	1.15674	1.83182	1.60795	4.25782	4.38985	1.5568	0	0	-0.96788	1.751883	2.719759	0.289265	0.064904	0.178798
RP1-58B11.1__lincR	0	0	0.053977	0.071566	0.172712	0.360726	0.123292	0	0.039115	-3.48652	-1.58919	1.897327	0.114396	0.495895	0.306932
RP1-59M18.2__proc	1.07766	0	0.117069	1.05452	0	4.68428	0.581651	3.35531	0.272731	-2.26407	-1.81703	0.447034	0.425582	0.48733	0.841294
RP1-63G5.5__sense	0.088362	0.367626	0.963331	2.68486	147.139	36.9843	0.538243	0.539649	1.68	-7.04021	-0.95837	6.081848	0.291863	0.104988	0.295375
RP1-63G5.7__lincRN	0.015367	0	4.11152	0.020407	0.065676	3.68703	0.447599	0	0	0.129299	3.204775	3.075477	0.524521	0.486176	0.482801
RP1-65J11.5__antis	0.109029	0	0	0	2.76527	216.364	0.529882	0	0	-10.9729	-2.28096	8.691895	0.41561	0.42265	0.416734
RP1-69M21.2__lincF	0	0	0.289589	0	0.312628	6.19807	0.194497	0	0	-4.49073	0.574259	5.064992	0.39295	0.842618	0.412681
RP1-71H24.1__antis	10.0581	5.59267	58.2596	8.83308	5.18998	61.0596	4.17383	35.35	18.9546	-0.0227	0.337872	0.360575	0.780443	0.820547	0.815651
RP1-74B13.2__lincR	0	0.150753	0	0	3.94334	2.30872	0.061953	0	0	-5.37407	1.282948	6.657021	0.20663	0.685441	0.217956
RP1-74M1.3__lincRN	0.930546	0.230994	0.678644	1.17574	22.2062	1.00186	0.538264	0.705654	0.275876	-3.728	0.275974	4.003975	0.407817	0.748606	0.386656
RP1-76B20.11__anti	0	0	0.57626	0	0.946724	0.764863	0.99035	0	0	-1.57054	-0.78122	0.789324	0.320975	0.791348	0.734622
RP1-78O14.1__lincR	0.270412	0.933461	0.08283	8.28806	39.9138	323.286	3.57415	1.2304	0.059947	-8.17349	-1.91861	6.254881	0.343652	0.377282	0.349841

RP1-79C4.1__lincRN	0	0	1.04833	0	2.71169	8.77815	0.092301	0	0	-3.45419	3.5056	6.959794	0.26408	0.475512	0.283801
RP1-7G5.6__lincRN	0	0	0.42925	0	0.605201	18.4262	0.232626	0.155702	0.103282	-5.47042	-0.1957	5.274724	0.403572	0.916206	0.416039
RP1-81P11.1__lincR	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP1-85F18.5__antis	0.249492	0.107002	0.301743	0	30.7242	6.57473	0.155378	0.148496	0.221812	-5.82438	0.324406	6.148789	0.323147	0.412504	0.320152
RP1-90G24.10__ant	0.088878	0.069873	0.996926	4.80025	3.45277	288.191	0.625603	0	0.129001	-8.00288	0.614948	8.617824	0.406499	0.773616	0.407467
RP1-91G5.3__antise	0	0	0.142193	51.9691	10.9434	104.214	0.753893	0.103481	0.085893	-10.1989	-2.72982	7.469059	0.174865	0.393873	0.176761
RP1-92O14.3__antis	3.79341	1.20444	6.91694	4.11329	1.67431	21.498	0.734746	5.16868	5.89752	-1.19539	0.013851	1.209237	0.391841	0.987137	0.452877
RP11-1000B6.2__an	0.01665	0.03927	0.066658	2.05291	1.28111	3.10122	0.048947	0.036379	0.090586	-5.71422	-0.52116	5.193062	0.055719	0.235898	0.055161
RP11-1000B6.3__lin	6.1122	0.286507	0.151708	0.091956	1.4929	1.58812	0.143381	5.00065	0.360695	1.04575	0.250916	-0.79483	0.690762	0.920654	0.637783
RP11-1006G14.2__li	0.024398	1.03601	0.858802	2.03601	2.49396	26.362	0.249732	0.026677	0.093012	-4.00865	2.377174	6.385821	0.347195	0.304677	0.333628
RP11-1007G5.2__ar	0	0	0.022578	0	0	0.258236	0.848732	0	0.024527	-3.51572	-5.27344	-1.75772	0.42265	0.421325	0.596643
RP11-1007O24.2__li	0.060673	0.214819	0	0	0.31853	1.32054	0	0	0.196086	-2.5728	0.490524	3.063319	0.406286	0.8457	0.28715
RP11-1007O24.3__li	0.145416	1.18556	5.85	0.192546	2.62145	30.3928	1.18912	0.026438	0	-2.20923	2.562561	4.771788	0.388809	0.431132	0.394811
RP11-1008C21.1__li	0.753145	0.277703	1.70039	2.19789	14.9409	53.1556	0.677089	0.119844	1.24879	-4.68578	0.416944	5.102727	0.271202	0.182949	0.270344
RP11-100F15.2__lin	0	0	0.108724	0	0.810869	2.25291	0.132895	0	0.02951	-4.81657	-0.57892	4.237647	0.255753	0.799677	0.293315
RP11-1012E15.1__li	0	0	0.061532	0	1.81093	0	0	0	0	-4.87926	#DIV/0!	#DIV/0!	0.442589	0.42265	0.42265
RP11-1016B18.1__p	0.009969	0.011755	0.167978	0.053049	4.3826	35.9322	0.950192	0	0.099104	-7.73332	-2.46761	5.265713	0.356185	0.473612	0.371371
RP11-1018N14.1__li	0	0.070858	1.47362	3.7534	19.2257	19.5473	0.441363	0	1.49741	-4.78317	-0.32802	4.455143	0.110551	0.49146	0.118324
RP11-1018N14.2__li	0	0.092159	1.05649	0.579165	12.0587	0.28257	0.184196	0.068513	0.250876	-3.49165	1.18963	4.681275	0.43389	0.549523	0.402431
RP11-101C11.1__lin	0.084103	0.119018	0.168348	0.089305	0.161654	26.1728	0.129392	0.064111	0.073208	-6.15245	0.477965	6.630416	0.421588	0.490966	0.421383
RP11-101O21.1__lin	1.52283	0	3.79463	0.139673	14.1092	103.801	0.95573	0	0.663521	-4.47252	1.715411	6.187926	0.355623	0.328998	0.354271
RP11-1022B3.1__lin	3.75389	0	0.03031	0.107359	100.76	13.181	0.0099	0.02207	0	-4.91351	6.887128	11.80064	0.373908	0.421408	0.352071
RP11-1023L17.1__p	37.496	224.344	9.97313	47.4103	11.5534	29.8184	5.55759	56.7421	3.52007	1.614274	2.046022	0.431748	0.506071	0.303441	0.802047
RP11-1023L17.2__p	14.4071	15.6668	6.39561	10.0261	11.6061	20.4226	34.7796	54.6863	278.045	-0.20558	-3.33302	-3.12744	0.78849	0.30548	0.283827
RP11-1024P17.1__s	1.02183	1.51261	0.834085	0.408676	0.232063	1.58204	1.46544	1.16137	2.08918	0.599752	-0.48544	-1.0852	0.587786	0.434928	0.037697
RP11-1028N23.3__li	0	0	0	2.45532	0.368596	2.51534	0	0.076187	0	#NUM!	#NUM!	6.13095	0.127803	0.42265	0.13851
RP11-1029J19.2__li	0	0.183005	0.152906	4.36839	1.42099	2.21583	0.736729	0	0	-4.57479	-1.13305	3.441733	0.112134	0.701158	0.064401
RP11-1029J19.5__li	0.448368	4.25076	1.14118	4.09683	38.4052	579.152	4.06411	0.303804	1.33376	-6.73392	0.034659	6.768583	0.385973	0.985057	0.38588
RP11-102C16.3__an	0	2.67994	5.09942	0	0	2.80656	0.628414	1.83479	1.54932	1.470849	0.955141	-0.51571	0.185966	0.412701	0.698754
RP11-102J14.1__linc	0	0.922255	0.252985	0	1.97766	7.6228	0	0	0	-3.03015	#DIV/0!	#DIV/0!	0.346635	0.290486	0.296164
RP11-1036E20.9__li	0	0.049495	0.105091	0.027915	0.17973	4.05944	0.634266	0.011478	0.068607	-4.78677	-2.20822	2.578545	0.3999	0.492215	0.492302
RP11-1038A11.3__li	0.099511	0	0.9654	0	63.8844	106.237	1.3773	0.108014	0.376133	-7.31969	-0.80569	6.513996	0.207364	0.674134	0.214009
RP11-103B5.2__linc	0	0	0.399072	7.43104	1.59164	224.397	0	1.36381	0	-9.19206	-1.77292	7.41914	0.399739	0.608028	0.403272
RP11-103J17.2__linc	0.03603	0.014162	0.094265	0.095799	0.077092	18.3223	0.106026	0.15986	0.228829	-7.00036	-1.77596	5.224409	0.41877	0.038509	0.425623
RP11-103J8.1__anti	18.6812	15.3588	17.0416	5.95489	100.521	597.631	4.20998	12.705	14.3403	-3.78492	0.708704	4.493623	0.357644	0.234766	0.341426

RP11-1041F24.1__li	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-1042B17.5__li	0	0	0	0	4.82421	0	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-104E19.1__an	8.43206	0.504718	0.961711	1.90234	12.4507	216.364	0.574124	4.42393	1.57082	-4.54277	0.591562	5.134335	0.409311	0.781605	0.397936	
RP11-104H15.7__pr	2.16631	0.595676	1.10863	1.19605	0.659355	351.707	0.680714	1.39639	1.02614	-6.51326	0.318786	6.832044	0.424145	0.737792	0.423017	
RP11-104N10.1__an	0.250177	0.910022	1.23303	0.194556	5.19427	3.2219	1.40641	1.04154	1.97077	-1.84718	-0.88467	0.962506	0.240074	0.151265	0.462551	
RP11-1055B8.2__lin	0.231912	0.121739	0.765145	0	13.7645	14.6577	0.529951	0.311605	0.329033	-4.667	-0.06529	4.601712	0.190471	0.946727	0.199767	
RP11-105N13.4__pr	1.10566	2.96737	1.79123	1.6105	3.163	10.6844	0	1.68638	2.29723	-1.39832	0.557873	1.956196	0.378326	0.385237	0.235652	
RP11-105N14.3__lin	0	0	0.747977	0.063989	1.00913	3.78537	0	0	0.229616	-2.69944	1.703771	4.403213	0.25867	0.42265	0.277069	
RP11-1060J15.4__a	1.90708	0.231675	1.93026	0.382286	2.05927	2.18815	1.02739	4.15965	0.365428	-0.18624	-0.44845	-0.26221	0.864785	0.801685	0.813384	
RP11-1069G10.2__li	0.800652	0.030463	0.025827	0.205082	2.60758	3.28815	0.050518	0.028165	0.056089	-2.83173	2.668671	5.500403	0.279134	0.444627	0.167605	
RP11-106M3.2__pro	9.53511	17.9076	6.35767	19.5462	63.6229	148.732	2.40087	7.62307	9.66306	-2.7784	0.779796	3.558194	0.236841	0.37058	0.188047	
RP11-106M7.1__linc	0.643054	28.4721	2.51891	0.982169	1.28372	19.4695	1.95542	5.68601	1.39875	0.541433	1.807056	1.265623	0.821636	0.429154	0.606459	
RP11-1070N10.4__li	0.023522	0	0	0.480691	0.225469	2.95721	0.087854	0.039661	0.078955	-7.28304	-3.13388	4.149165	0.299703	0.033581	0.31435	
RP11-1070N10.5__li	0	0	1.56188	0.149194	1.31246	259.637	0	0	0	-7.38517	#DIV/0!	#DIV/0!	0.419387	0.42265	0.419407	
RP11-1070N10.6__s	0	0	0.136568	0	20.6853	7.13846	0.053417	0	0	-7.67055	1.354262	9.024816	0.268017	0.672623	0.267303	
RP11-1072C15.2__li	0	0	0.154676	0	2.76929	0	0.09071	0	0	-4.16219	0.769913	4.932108	0.455745	0.794043	0.441861	
RP11-1072C15.4__a	0	1.31133	0	0	0	2.20794	0	0	3.29877	-0.75167	-1.3309	-0.57923	0.798419	0.676762	0.42265	
RP11-1078H9.6__lin	0	0.053065	0.146459	0.209445	15.117	1.94777	0.055187	0.061519	0.061285	-6.43591	0.164761	6.600674	0.350275	0.877925	0.349511	
RP11-1079K10.5__li	0.034686	0	0.173566	0	0.222186	2.97406	0.101952	0.056832	0.113208	-3.93998	-0.38524	3.554743	0.385971	0.655297	0.41121	
RP11-1071I14.5__linc	0	0	1.08932	0	3.33099	3.95323	0	0	0	-2.74135	#DIV/0!	#DIV/0!	0.185814	0.42265	0.186466	
RP11-1081L13.4__a	0	0	0.456465	0	3.06858	44.9238	0	0	1.02947	-6.71616	-1.17333	5.542832	0.384273	0.42265	0.383792	
RP11-1084I9.1__linc	0.04595	0.1445	1.59873	1.19438	4.62028	95.9374	0.105095	0	0	-5.82962	4.089533	9.919148	0.388962	0.394705	0.389037	
RP11-1085N6.6__lin	0	0	0	0	0	0	0.259887	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265	
RP11-108B14.5__lin	0	0	0.180927	0.063251	0.244356	0.182375	0.121305	0.020803	0.072537	-1.43732	-0.24654	1.190776	0.293093	0.881298	0.378445	
RP11-108K14.4__ps	2.54176	1.4733	0.937695	3.97412	17.9124	7.6228	5.46124	0.776941	1.91754	-2.57487	-0.71958	1.855286	0.203682	0.414294	0.319672	
RP11-108K3.1__linc	19.407	8.24981	10.3538	26.7649	149.966	857.878	1.67861	3.86539	3.09477	-4.76654	2.137504	6.904044	0.330419	0.137106	0.317216	
RP11-108P20.4__lin	0	0	1.62017	0	24.3804	0	0	0	0	-3.9115	#DIV/0!	#DIV/0!	0.462203	0.42265	0.42265	
RP11-1090M7.1__ar	0.392284	0.67063	0	0	27.9986	2.189	0	0	0	-4.82786	#DIV/0!	#DIV/0!	0.386718	0.210137	0.379405	
RP11-1094H24.3__li	0	0.149047	0	0	1.6625	9.26995	0.183785	0	0	-6.19671	-0.30225	5.894454	0.337165	0.915242	0.341191	
RP11-1094H24.4__li	0.175326	0.09648	3.06633	0.046665	1.50574	2.88187	0.096413	1.5663	2.57084	-0.40966	-0.34283	0.066829	0.556542	0.667136	0.638702	
RP11-1094M14.11__	3.07908	4.33937	8.77723	9.02181	2.70565	8.14605	1.67154	3.54805	1.7854	-0.29524	1.209154	1.504392	0.657265	0.260543	0.238512	
RP11-1096D5.1__lin	0.040625	0.047906	0.189805	0.053981	0.463318	7.94299	0.192553	0	0.152008	-4.92581	-0.30793	4.617876	0.391595	0.766468	0.39974	
RP11-109D24.1__se	0	0	0.030201	0	0.064477	0.202039	0.029574	0.016485	0	-3.14156	-0.60891	2.532651	0.256624	0.798196	0.393197	
RP11-109E24.1__lin	0.113954	0	0.085333	0	0.15142	3.38371	0	0.030989	0	-4.14884	2.685036	6.833877	0.417053	0.333086	0.402479	
RP11-109E24.2__an	0	0	0.383515	0	0	0	0.186	0	0	#DIV/0!	1.04398	#NUM!	0.42265	0.732462	0.42265	

RP11-109G23.3__ar	0.025712	0.04548	0.14159	0	0.16499	0.049245	0.050432	0	0.042003	-0.00982	1.202857	1.212677	0.994523	0.380933	0.592761
RP11-109L13.1__ps	24.3777	5.32184	6.27735	161.294	16.9184	20.95	8.26951	47.2652	9.3935	-2.4688	-0.85177	1.617028	0.318209	0.628869	0.504576
RP11-10K16.1__anti	1.62218	2.96711	1.08276	0.121636	2.97282	12.5238	1.03774	1.7261	1.75973	-1.46129	0.326408	1.7877	0.502346	0.566531	0.41097
RP11-10K17.6__linc	0	1.48809	2.06416	0	5.47656	476.842	1.05277	0	0	-7.08511	1.754543	8.839652	0.41782	0.475972	0.417333
RP11-10L12.4__anti	0	0	1.6466	2.06426	2.77698	3.45747	0	0	0.734015	-2.3334	1.165609	3.499006	0.016589	0.42265	0.008159
RP11-10L7.1__lincR	2.3406	0.635105	1.50558	0.806458	23.8734	17.1353	0.642051	2.41344	1.63733	-3.22204	-0.06654	3.155499	0.231491	0.950408	0.190354
RP11-10N16.2__linc	0.022444	0.019347	1.29101	0.021778	3.12258	5.82486	1.2602	0.024492	0.107113	-2.75052	-0.0625	2.688025	0.197533	0.980111	0.339151
RP11-10N16.3__anti	0	0	0.212096	0.488146	1.36108	10.8982	0.258458	0.17301	0	-5.90934	-1.02454	4.884809	0.328856	0.663559	0.351527
RP11-10O17.3__linc	0.155856	0.277939	1.0468	5.81483	1.97875	10.1756	1.53938	0.921122	0.65851	-3.60128	-1.07491	2.526364	0.124575	0.399157	0.182425
RP11-10O22.1__linc	0	0	1.46519	0	83.7824	72.485	1.65669	0	0	-6.73679	-0.17722	6.559569	0.186264	0.950009	0.194353
RP11-1103G16.1__a	4.84341	227.289	4.27918	2.96671	12.4507	124.719	3.8621	3.74826	2.37309	0.754469	4.565618	3.81115	0.774324	0.415219	0.387372
RP11-1109M24.16__	0	0	0	0	0	11.4301	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-110A12.2__an	0	0	0.141934	0.046331	3.25379	10.9583	0.620211	0.191124	0.114148	-6.65045	-2.70499	3.945464	0.278445	0.303584	0.317751
RP11-110I1.11__ant	0	0.541077	0.228545	3.75943	38.1974	3.64299	21.3945	0	0.061787	-5.88873	-4.80111	1.087628	0.318826	0.441947	0.669873
RP11-110J1.2__pseI	3.4157	3.33958	2.30413	1.74695	19.2078	1.89755	2.77432	4.00597	3.20416	-1.33485	-0.14027	1.194585	0.501073	0.586164	0.514187
RP11-110L15.1__lim	0.326903	0	0	21.1704	4.1479	10.918	1.50028	3.18315	1.43318	-6.79243	-4.2258	2.566631	0.132273	0.092359	0.204456
RP11-110L15.2__lin	0.918535	0	0.970353	1.33626	1.90331	46.2304	0	0	1.12713	-4.71094	0.744883	5.455827	0.393604	0.528018	0.382002
RP11-1113L8.1__an	0.138762	0	0	0	0.967857	5.55814	0.162782	0.030253	0	-5.55551	-0.47625	5.079263	0.346561	0.188835	0.3516
RP11-111A22.1__an	3.18576	5.73849	4.3446	14.2207	36.1301	6.71068	2.10606	5.59116	2.16879	-2.10447	0.427505	2.531979	0.220107	0.192651	0.17844
RP11-111E14.1__an	0	0	0	2.31387	5.65124	1115.06	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.418534	#DIV/0!	0.418534
RP11-111H3.3__linc	0	0.110719	0	0	0	13.683	0	0	0	-6.94934	#DIV/0!	#DIV/0!	0.42734	0.42265	0.42265
RP11-111I12.1__linc	0.142144	0.047897	0.153049	0.313533	9.04391	3.70236	0.844479	0.102854	1.24449	-5.2504	-2.67547	2.57493	0.240933	0.17835	0.324431
RP11-111J6.2__lincI	0.04154	0.490093	0.235033	0	0	0	1.05097	0.180647	0.044945	#DIV/0!	-0.73559	#NUM!	0.188007	0.725581	0.309469
RP11-111M22.3__lin	1.77027	0.391492	0.621225	2.5765	0.570348	0.196053	1.82575	2.06218	1.44762	-0.26447	-0.939	-0.67454	0.651972	0.209684	0.448754
RP11-1129I3.1__ser	0.904202	1.76067	0	3.91217	5.36611	29.6625	2.75364	0	0	-3.86914	-0.04727	3.82187	0.30261	0.979929	0.307416
RP11-112H10.4__an	4.12635	1.13948	1.20974	2.07671	7.13885	19.6241	0.355555	1.08748	0.796654	-2.15498	1.531709	3.686684	0.337006	0.355357	0.226353
RP11-112J1.2__lincI	0.035229	3.95708	1.2171	0	6.70357	93.7922	0.15571	0.461752	0.051638	-4.26987	2.960825	7.230697	0.406002	0.288929	0.386525
RP11-112L6.2__lincI	0	1.00689	1.40778	0.617888	1.28753	1.84659	0.712175	0.2981	0.330804	-0.63584	0.848432	1.484269	0.044587	0.579174	0.232064
RP11-1136G11.8__li	0	0	0	0	0.773272	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-114B7.6__anti	0	0	1.10218	0	2.58893	4.51161	0.66673	0	1.87375	-2.68757	-1.20474	1.482828	0.191037	0.185664	0.299001
RP11-114G22.1__lin	0	0	2.45397	0.262954	34.1393	180.603	1.03863	0.120253	0.570578	-6.45311	0.504795	6.957906	0.323469	0.805819	0.32794
RP11-114H23.1__lin	4.61954	0	1.52906	14.7955	192.484	124.719	3.07321	3.26686	2.03277	-5.75477	-0.44546	5.309316	0.177598	0.648104	0.172574
RP11-114H24.2__ps	0	0.077201	0.36592	0.165123	0.370188	1.19742	0.188512	0.020552	0	-1.96728	1.083758	3.051035	0.169891	0.674773	0.294917
RP11-114H24.6__an	0.230451	0.15534	0.164491	0.347742	0	2.4917	0.128592	0	0.03569	-2.36736	1.743998	4.111362	0.434065	0.014094	0.373621
RP11-114N19.3__an	1.86792	0.134407	1.50186	1.719	12.5759	19.6241	0.559948	1.09722	0.9499	-3.27494	0.426652	3.701594	0.201181	0.698051	0.176426

RP11-1151B14.4__a	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-1152H15.1__li	1.40014	0	2.67297	0	53.505	579.152	1.16054	0	0	-7.27915	1.811335	9.090483	0.373162	0.373409	0.373139	
RP11-115A15.1__lin	0	0	0	0	0	1709.79	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265	
RP11-115C10.1__an	0.092386	0	0	0	1.42851	2.60257	0	0	0	-5.44736	#DIV/0!	#DIV/0!	0.234413	0.42265	0.216076	
RP11-115D19.1__an	10.452	0.114408	0.732905	50.2703	159.4	126.717	0.040017	0.079587	0.227959	-4.89582	5.022813	9.91863	0.093079	0.393436	0.074087	
RP11-115F18.1__an	0	0	0	0	1.20556	2.10402	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.212023	#DIV/0!	0.212023	
RP11-115H18.1__lin	0.04158	0	0.703441	0	2.33753	4.14759	0.484856	0	0	-3.12178	0.619725	3.741505	0.203868	0.819346	0.276103	
RP11-115J23.1__linc	0.11855	0	1.18293	0	25.4741	29.5716	1.41293	0	0	-5.4024	-0.11854	5.283868	0.186495	0.963304	0.207176	
RP11-115K3.2__pse	0	0.015139	0.992779	0.187824	4.68928	7.62125	2.13695	0.056144	0.629637	-3.63229	-1.48571	2.146575	0.182291	0.5167	0.351262	
RP11-116A1.1__linc	0	0	0.100345	0	6.8118	2.1721	0.194563	0	0	-6.4843	-0.95527	5.529033	0.279634	0.751517	0.290512	
RP11-116D17.2__lin	0	0	0.407722	0	1.70854	5.15271	0.132259	0	0	-4.07281	1.62422	5.697034	0.261196	0.628967	0.284559	
RP11-116D2.1__linc	4.46897	0	0.174977	0	0.31091	0.389583	0.095144	0	0	2.728909	5.6091	2.880191	0.492352	0.400032	0.311247	
RP11-116N8.1__sen	0.240428	0.284039	2.6426	0	18.6658	24.4279	0	0	0	-3.76626	#DIV/0!	#DIV/0!	0.191318	0.314826	0.190706	
RP11-116O11.1__an	0	0	0.220576	0	202.165	62.5575	0.428941	0	0	-10.229	-0.9595	9.269486	0.278162	0.750588	0.278954	
RP11-116O18.1__se	0	0.020066	0.153264	0.022583	0.163513	0.032527	0.033345	0	0.018513	-0.33493	1.740894	2.07582	0.86153	0.499978	0.414572	
RP11-116O18.3__an	0.788052	0.177883	0.395375	0.293747	27.9071	17.6396	0.225292	0.291458	0.079568	-5.07355	1.190842	6.264396	0.213657	0.325938	0.201803	
RP11-117D22.1__lin	0	0	0	0	3.79871	4.25955	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.184835	#DIV/0!	0.184835	
RP11-117L5.4__linc	0	0	0	0	0	23.6573	0.99035	0.552977	1.04218	#NUM!	#NUM!	3.193766	0.42265	0.030914	0.462725	
RP11-118A3.1__linc	0	0	0	0	3.79871	1.7293	0.03933	0	0.130976	#NUM!	#NUM!	5.020562	0.235327	0.280998	0.249471	
RP11-118B18.1__lin	2.34905	1.45859	1.07677	1.42532	11.4581	714.898	2.17179	0.89531	0.69929	-7.21918	0.375002	7.594179	0.415367	0.078997	0.414779	
RP11-118B18.2__lin	0	0	0	0.515388	0.355167	1.88846	1.25782	0	0.151055	#NUM!	#NUM!	0.96961	0.199331	0.357928	0.594532	
RP11-118E18.2__an	0	0	0	0	0	0	0.129149	0.288246	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.237048	0.237048	
RP11-118E18.4__an	0	0	0	0	0.047227	0.211309	0	0	0.024082	#NUM!	#NUM!	3.424367	0.310621	0.42265	0.298975	
RP11-118G23.1__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
RP11-118H17.1__an	0	0	0.230235	0	1.58601	20.8506	0.718276	0	0.049868	-6.6066	-1.73827	4.868334	0.380074	0.580648	0.400661	
RP11-118K6.2__linc	0	0	0	0	0	0	0	0	0.064807	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265	
RP11-1191J2.2__an	0	0	1.48176	0	0	26.3811	0.499727	0	0	-4.15412	1.5681	5.722221	0.42265	0.637427	0.433688	
RP11-1191J2.4__an	0	0	0	0	0	2.93567	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265	
RP11-119D18.1__lin	0	0	0.339352	0	0	0	0.638244	0	0	#DIV/0!	-0.91133	#NUM!	0.42265	0.761272	0.42265	
RP11-119D9.1__linc	1.40097	145.042	0.114997	2.70186	20.9943	4.50384	0.383174	0.075374	0.225281	2.377704	7.74362	5.365916	0.449506	0.41905	0.260321	
RP11-119F19.2__an	3.97199	36.6312	38.7632	32.6562	15.1908	54.1946	58.4806	4.08103	68.4998	-0.36256	-0.72364	-0.36109	0.664276	0.574276	0.468834	
RP11-119F7.5__sen	1.93865	0.076409	0.097098	0	7.79498	5.88033	0.126519	0.971094	0.07023	-2.69479	0.854871	3.549656	0.321388	0.730251	0.19435	
RP11-120C12.3__lin	0.01502	0.070851	0.078937	0	0.192603	4.74695	1.16326	0	0.04905	-4.90553	-2.8789	2.026622	0.409653	0.474479	0.555719	
RP11-120E13.1__lin	0	0	0	0	15.6815	14.5752	0.297281	0	0	#NUM!	#NUM!	6.669284	0.184049	0.42265	0.192144	
RP11-120M18.2__pr	53.0904	34.8316	19.8286	36.5586	31.0887	207.45	8.67866	36.0851	37.7439	-1.35225	0.385096	1.737342	0.487128	0.695775	0.353738	

RP11-1212A22.1__p	5.63276	0	1.55757	8.72223	16.1099	6.84006	0	22.4583	10.7583	-2.13909	-2.20777	-0.06869	0.179797	0.396898	0.922312
RP11-1212C2.2__linc	1.32323	1.31374	0.611299	0.776061	0.676883	0.16459	0.95603	1.0131	1.11508	1.005875	0.07477	-0.9311	0.010054	0.863144	0.173173
RP11-121G22.3__lin	0	0	0	0	31.5562	2.45577	0	0.818493	0	#NUM!	#NUM!	5.376929	0.379595	0.42265	0.378503
RP11-121J20.1__linc	0	0	0	0.362633	0.041622	0	0.076683	0	0	#NUM!	#NUM!	2.398291	0.360581	0.42265	0.345509
RP11-121M22.1__lin	0	0	2.07754	2.80229	285.253	126.717	2.88477	0.078208	0	-7.6413	-0.51217	7.129128	0.234616	0.856235	0.238103
RP11-122C5.1__linc	0	0	0.084967	0	6.43972	8.61012	0.780353	0	0.184121	-7.46863	-3.50477	3.963862	0.191318	0.35448	0.235246
RP11-122G18.5__lin	0	2.30208	0.96541	0	11.4052	3.25586	1.20278	0	5.52469	-2.16573	-1.04188	1.123853	0.299224	0.619299	0.608197
RP11-122K13.14__li	0	0	0	0	0.388261	1.46677	0.05121	0	0	#NUM!	#NUM!	5.178882	0.294133	0.42265	0.31401
RP11-122K13.7__an	25.5771	47.113	7.92356	8.99205	13.0006	10.5761	41.0906	27.29	23.4612	1.307536	-0.18813	-1.49566	0.270476	0.780854	0.08557
RP11-122M14.1__ar	0.079092	0.05804	1.04749	0.176539	4.27379	11.0127	0	503.176	0.071409	-3.70632	-8.7307	-5.02437	0.23816	0.423862	0.435651
RP11-122M14.3__lin	0	0	0.958329	0	90.8899	17.4485	1.38642	0	0	-6.82081	-0.53277	6.288037	0.328858	0.853353	0.332878
RP11-123B3.2__anti	3.94959	5.84314	2.94798	31.3395	37.5408	86.2914	6.54036	3.0244	5.43371	-3.60635	-0.23537	3.370978	0.118429	0.714433	0.114052
RP11-123O10.3__lin	0	0	0	0	0	11.3056	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-123O10.4__lin	2.25714	12.3544	1.64609	25.5972	55.8989	189.071	11.9239	9.07345	1.07999	-4.0568	-0.44145	3.615348	0.242492	0.671362	0.261312
RP11-124O11.1__lin	0.017785	0.062921	0.269771	1.32879	0.341454	1.24517	0.231795	0.058275	0.038694	-3.05631	0.092269	3.14858	0.106633	0.960201	0.097666
RP11-124O11.2__lin	0	0	0.545903	0	2.77874	0	0	0	0	-2.34771	#DIV/0!	#DIV/0!	0.544776	0.42265	0.42265
RP11-125O18.1__lin	0	0.072077	1.17228	0	163.599	167.196	0.662577	0	0	-8.05439	0.90924	8.963634	0.183527	0.750915	0.18519
RP11-125P18.1__lin	0	0	0.052233	1.03393	12.442	374.648	0	0	0	-12.8593	#DIV/0!	#DIV/0!	0.402212	0.42265	0.402215
RP11-126O13.4__p	0	0	0	1.40566	0	1.16354	0.317458	0	0	#NUM!	#NUM!	3.016682	0.187105	0.42265	0.18396
RP11-126O1.4__ant	15.2345	6.17965	8.84901	20.7059	5.25333	13.181	9.42345	9.83762	10.321	-0.37109	0.03284	0.403929	0.271983	0.944005	0.558865
RP11-127I20.7__pro	1.3455	0.688616	2.66411	0.657596	4.70497	9.27549	0.972814	1.20143	1.31233	-1.63954	0.430306	2.069842	0.261064	0.531462	0.260433
RP11-127O4.2__linc	0	0	0.368331	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
RP11-127O4.3__linc	0	0	0	0	0.034103	1.75602	0.156883	0	0	#NUM!	#NUM!	3.512298	0.411548	0.42265	0.465248
RP11-128P17.2__lin	0.05227	0	0.521354	0.06858	2.28441	3.97108	0	0	0	-3.46268	#DIV/0!	#DIV/0!	0.197589	0.367935	0.203104
RP11-128P17.3__lin	0	0	0	0	5.05569	28.5796	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.330906	#DIV/0!	0.330906
RP11-129B22.1__an	0	0	0	0	1962.19	9.66173	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.419814	#DIV/0!	0.419814
RP11-129I19.2__linc	0	0	0	0	0	1.21997	0.551056	0	0	#NUM!	#NUM!	1.146575	0.42265	0.42265	0.711503
RP11-129J12.2__an	0.190534	0.337226	0	0.500735	3.47405	3.09845	0.74189	0.723698	0.741219	-3.74442	-2.06401	1.68041	0.145013	0.031937	0.226062
RP11-12C17.2__anti	0.058591	0	0.23428	0.116177	1.64888	3.44111	0.085888	0.57466	0.158925	-4.15189	-1.48443	2.667454	0.213421	0.476004	0.266669
RP11-12L8.1__lincR	0.012567	0.014819	0.364894	0.189809	0.116492	3.37906	0.207516	0	0.191616	-3.23185	-0.02498	3.206868	0.370669	0.984856	0.405163
RP11-12M5.1__lincF	0	0	0	0	2.457	2.49994	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.183534	#DIV/0!	0.183534
RP11-12M5.4__lincF	0	0	0	2.39756	0	0	0.854753	0	0	#NUM!	#NUM!	1.487987	0.42265	0.42265	0.42265
RP11-12M9.3__psev	56.7731	39.9506	11.4835	16.3951	11.2963	6.11269	28.3646	46.1018	32.5148	1.678527	0.016439	-1.66209	0.137461	0.980271	0.067281
RP11-130F10.1__an	0.083063	0.03265	1.4279	0.018393	8.6326	899.74	0.13574	3.21079	0.04522	-9.20086	-1.13572	8.06514	0.417191	0.692171	0.419256
RP11-131J3.1__lincI	0.442091	0.021134	0.239284	1.91412	0.264183	0.31479	4.34629	0.124121	0.060738	-1.82735	-2.68929	-0.86194	0.307975	0.434611	0.51961

RP11-131L23.1__an	5.93188	8.5291	6.5551	4.74313	2.81506	177.814	4.94252	8.96573	8.58267	-3.14086	-0.09785	3.04301	0.446242	0.629451	0.444681
RP11-132N15.1__lin	0.098581	0	0.226038	0.085343	0.377278	5.28267	0.284013	0	0.035034	-4.14556	0.024978	4.170539	0.382802	0.987916	0.40496
RP11-132N15.3__lin	0	0	0.336385	0	0	7.7354	0.118867	0	0	-4.52329	1.500765	6.024056	0.42265	0.647996	0.431589
RP11-1336O20.2__a	0.027044	0	0.067689	15.6428	0.101204	73.2715	0.013259	0.044345	0	-9.87597	0.717704	10.59367	0.314124	0.738855	0.31447
RP11-133F8.2__linc	0.924275	0	2.26789	1.14908	70.7841	58.0879	0.682664	0	0	-5.34807	2.225288	7.573354	0.18771	0.364736	0.184507
RP11-133L14.5__an	0.351809	0.034227	0.038762	0.012873	2.66782	63.8248	0.056974	0.031755	0.042181	-7.29055	1.698214	8.988764	0.402398	0.42456	0.3997
RP11-1348G14.4__li	0.093804	1.3077	0.390025	1.48536	5.55314	3.58965	0.41169	0	2.07717	-2.56863	-0.47429	2.094334	0.071594	0.813449	0.197362
RP11-134D3.1__pro	0.007089	0.025077	0.163346	0	0.212768	1.8962	0.090497	0	0.038655	-3.43121	0.598198	4.029404	0.366189	0.748098	0.389358
RP11-134F2.2__anti	155.149	1.20246	6.56749	10.0112	4.21733	25.6659	1.02019	0.016876	0.061634	2.029895	7.212213	5.182317	0.514901	0.394396	0.184319
RP11-134G8.7__ant	33.858	18.5609	14.8383	10.6586	15.2844	32.271	6.21697	21.7729	17.1303	0.208323	0.575916	0.367594	0.821217	0.542255	0.556894
RP11-134P9.1__linc	17.6209	7.4047	4.39924	10.976	4.89658	6.46886	4.85263	16.7568	15.0464	0.397312	-0.31701	-0.71432	0.447193	0.781136	0.479116
RP11-135J2.3__lincf	33.5572	73.4746	1.48587	3.3603	4.46438	11.9827	13.4375	0	97.2744	2.45382	-0.02888	-2.4827	0.326586	0.989649	0.38973
RP11-135J2.4__anti:	0	0.815122	8.51687	2.85053	91.5996	52.5557	0	13.3278	9.37876	-3.97754	-1.28285	2.694692	0.21256	0.38434	0.197594
RP11-135L13.4__an	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-136H19.1__an	6.40453	10.8153	2.48715	2.44647	27.2027	4.68391	1.43286	3.8746	9.80349	-0.80089	0.383112	1.184005	0.503305	0.763998	0.535745
RP11-136I14.2__linc	0	0	0	0	0	1.16927	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-136I14.5__linc	0	0	0.326352	0.154332	2.30505	0	0.808638	0.514916	0	-2.9138	-2.01992	0.893879	0.47217	0.431479	0.655937
RP11-136K7.2__linc	0.19636	0	0.152368	0.022025	7.30769	38.1354	0.60964	0.022123	0.030739	-7.02651	-0.92582	6.10069	0.326578	0.580044	0.333319
RP11-137H2.4__anti	0.279911	0.491678	0.390716	1.05386	0.534785	0.71287	0.844244	0.174197	0.280973	-0.9856	-0.16087	0.824723	0.216462	0.879466	0.036394
RP11-137H2.6__linc	2.26342	1.51134	7.70233	1.91368	3.49097	11.7706	1.01676	1.50455	2.13001	-0.58157	1.303045	1.884619	0.275023	0.309841	0.268436
RP11-137L10.6__prc	0	0	0	0	136.332	191.53	0	0	2.37822	#NUM!	#NUM!	7.107063	0.194835	0.42265	0.194047
RP11-137N23.1__ps	286.603	311.692	316.443	71.3235	122.701	164.582	44.5538	38.08	28.6682	1.350957	3.038879	1.687922	0.009705	0.002537	0.120407
RP11-138A23.2__lin	0	0	0.330152	0.779234	1.72639	2.70412	0.25709	0	0.142645	-3.98001	-0.27591	3.704097	0.072362	0.873749	0.113543
RP11-138C9.1__anti	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-138E9.2__linc	0	0	2.68807	0	44.4125	112.843	0	0	0	-5.8704	#DIV/0!	#DIV/0!	0.248643	0.42265	0.251317
RP11-138I17.1__linc	0.036643	0	0.612622	13.0308	12.8644	379.204	0.102297	0	0	-9.28525	2.666043	11.9513	0.383934	0.487459	0.384091
RP11-139B1.1__linc	0	0	0	0.658732	0	0	0.326653	0	0.181198	#NUM!	#NUM!	0.375286	0.42265	0.215064	0.769729
RP11-139H15.1__an	1.45137	1.12601	0	0	0	3.12593	1.15917	1.58925	0	-0.27838	-0.0927	0.185683	0.91265	0.8197	0.940987
RP11-139I14.2__linc	0.015394	0.066553	0.123399	0.177771	1.68989	12.3051	0.156268	0.016856	0.050385	-6.10892	-0.12228	5.986642	0.343874	0.936932	0.348857
RP11-139J15.5__linc	0	0.081537	0	0.270423	2.90896	0	0.401612	0	0.297098	-5.28515	-3.09917	2.185981	0.370304	0.296036	0.510693
RP11-139K4.1__linc	0.0168	0.019813	0.100887	0.0223	0.269101	13.7417	0.672633	0	0.05484	-6.67326	-2.40346	4.269796	0.411964	0.482138	0.439472
RP11-13A1.1__lincR	0.047228	0.041768	0.049993	0.094185	0	0.057438	0.101109	0.025822	0.025723	-0.12552	-0.1353	-0.00978	0.884736	0.871102	0.985651
RP11-13A1.3__lincR	0	0	0.799915	2.37575	7.91479	21.9843	0	0	0	-5.33442	#DIV/0!	#DIV/0!	0.200845	0.42265	0.2066
RP11-13G14.4__ant	0	0	0.86947	0	12.4507	62.5282	0	0	0	-6.4302	#DIV/0!	#DIV/0!	0.319795	0.42265	0.321017
RP11-13J10.1__sen:	0	0.267244	0.164298	0	2.9619	73.1973	1.19284	0.151351	0.335493	-7.46337	-1.96062	5.502757	0.401755	0.404756	0.410349

RP11-13K12.2__linc	0.013001	0.030657	0.188855	0.086572	91.5996	72.9495	0.113123	0	0.035447	-9.46775	0.646163	10.11391	0.188436	0.739071	0.188851
RP11-13N13.2__linc	2.17936	2.80583	4.35499	0.883337	4.70497	66.4673	1.44968	1.23779	2.77662	-2.94759	0.773469	3.721058	0.417443	0.044245	0.39727
RP11-140I24.1__linc	0	0	0.126919	0.112376	21.0334	11.245	0.943764	0	0.034524	-7.99553	-2.94635	5.04918	0.217045	0.481651	0.239545
RP11-140M13.1__lin	0	0	0	0	0	43.9184	1.39898	0	0	#NUM!	#NUM!	4.972378	0.42265	0.42265	0.441324
RP11-1415C14.3__p	0.167215	0.079469	0.157325	0.324224	0.487383	0.245181	0.585351	0.209198	0.255989	-1.38723	-1.37867	0.008558	0.154651	0.168244	0.990546
RP11-141A19.2__an	0	0	0	0	2.87849	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-141M1.3__linc	1.387	11.2479	4.40112	10.3244	177.245	158.398	5.29422	3.18146	0.401775	-4.34398	0.94037	5.284346	0.161941	0.520073	0.172293
RP11-141M3.5__pro	3.00819	3.20674	1.72644	2.71066	5.96595	5.98738	1.06181	0.66478	0.172906	-0.88482	2.063771	2.948589	0.236717	0.019753	0.083297
RP11-141O11.1__lin	0	0	1.24891	2.30159	2.54575	6.45729	1.2919	0	0.97433	-3.17817	-0.85962	2.318548	0.069219	0.555293	0.148568
RP11-142C4.6__anti	16.0832	0	0.73911	0.209136	18.9253	585.014	0.767676	0.61758	0.233723	-5.16646	3.37722	8.543675	0.420153	0.427655	0.405418
RP11-142G1.2__linc	0	0.044265	0.479165	0.16228	0.712514	1.14718	0.239561	0	0.099757	-1.9497	0.62536	2.575055	0.097558	0.764249	0.234542
RP11-142I20.1__linc	0.148383	0.063082	0.482743	0	23.3996	12.8609	0	0.128677	0.038792	-5.70689	2.051474	7.758362	0.222676	0.356601	0.215707
RP11-142L1.1__lincl	0.120214	0	0	0	0	13.9801	0	0	0	-6.86163	#DIV/0!	#DIV/0!	0.427635	0.42265	0.42265
RP11-142L4.3__pse	16.2542	16.5617	12.9126	17.1622	6.08455	345.829	7.4251	37.0451	17.8994	-3.01275	-0.44775	2.565002	0.439524	0.579638	0.462641
RP11-143A12.3__lin	0	0	0.343028	0.412429	5.38308	115.125	1.56564	0	0.082366	-8.46152	-2.26432	6.197194	0.394168	0.525306	0.402106
RP11-143E21.6__lin	1.145	0.049451	0	1.55126	0.044326	5.90416	0.122552	0.760452	0.181384	-2.65049	0.166324	2.816818	0.384879	0.940332	0.374685
RP11-143K11.1__lin	0.194074	0.196212	0.194034	0	0.176886	3.09536	0.162622	0	0.180551	-2.48545	0.767823	3.253273	0.46632	0.300981	0.421786
RP11-143K11.5__pri	0.215403	0.080816	3.87393	25.6584	2.94801	4.19417	2.32387	6.57843	7.24688	-2.97555	-1.95329	1.02226	0.354458	0.092196	0.596263
RP11-143P4.2__linc	3.19818	3.75423	2.7058	4.35477	19.7037	1.60978	0.948454	2.71293	4.69368	-1.41016	0.209105	1.619262	0.423328	0.763228	0.432095
RP11-144G16.1__an	0	0	0	0	0	1.80631	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-144G7.2__ant	0	0	0.406336	0	23.3512	8.03212	0.851513	0	0	-6.27118	-1.06736	5.203826	0.271944	0.727584	0.286585
RP11-144L1.4__anti	0	0	4.41624	2.05174	0.036559	2.93567	0.122893	0	0	-0.18601	5.167344	5.353353	0.861339	0.438933	0.194484
RP11-145A3.1__anti	0.296419	0.190067	3.31062	10.1397	50.8012	34.2075	1.05024	0.32177	0.112845	-4.64721	1.354578	6.001785	0.122554	0.593992	0.121979
RP11-145A3.2__sen	0	0	0	1.17396	4.28423	302.91	2.25595	0	0	#NUM!	#NUM!	7.094775	0.41231	0.42265	0.416608
RP11-145G20.1__lin	0.004359	0.034145	0.047471	23.3258	170.785	73.2715	0.070831	0.008564	0.046787	-11.6027	-0.55351	11.04918	0.175829	0.674095	0.176021
RP11-145M4.2__linc	0	0	0.625625	0	1962.19	13.4307	0.899542	0	0	-11.6247	-0.52389	11.10083	0.418894	0.855668	0.418976
RP11-145M4.3__linc	0	0	0	0	0	1.15065	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-146F11.5__an	1.59769	1.44209	0.873579	1.93313	6.43077	12.2651	0.799013	0.506402	2.01096	-2.39819	0.2388	2.636995	0.224245	0.794279	0.159814
RP11-146N18.1__lin	1.45259	0	0.82587	0	152.22	476.842	0.086676	0	0	-8.109	4.716281	12.82528	0.275911	0.207214	0.274518
RP11-147G16.1__lin	0	0	0	0	4.34969	15.1102	0.102996	0	0.057157	#NUM!	#NUM!	6.924913	0.285467	0.215025	0.288879
RP11-147I3.1__pseu	1.94791	16.7068	2.16345	9.51653	414.307	22.7602	4.31621	23.0055	62.3993	-4.42302	-2.1076	2.315413	0.382691	0.343661	0.47619
RP11-147N17.1__an	0.980561	0.015992	3.00965	6.56604	12.3889	85.4834	1.34956	0	7.90621	-4.70427	-1.20812	3.496155	0.306269	0.38278	0.302027
RP11-148B18.4__lin	0	0	0.124154	0	0.130742	8.0904	0.120905	0	0	-6.04914	0.038257	6.087393	0.413253	0.989176	0.422088
RP11-148B6.2__linc	0	0.043219	0.329371	0	0.388227	10.391	0.035746	0	0	-4.85452	3.38172	8.23624	0.403203	0.417929	0.403485
RP11-148L24.1__lin	3.1001	0	0.94495	0.031231	10.1722	43.632	0.161513	0.15552	0.128093	-3.73433	3.183872	6.918198	0.346515	0.319438	0.309514

RP11-14C22.3__linc	0	0	0	0	0	2.09468	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-14C22.6__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-14D22.1__linc	0.403501	0.344803	0	0.145458	0.787532	0.441842	0.214785	0.119741	0.20072	-0.87756	0.483422	1.360981	0.465395	0.654222	0.320496
RP11-14J7.6__antis	0.017204	0	0.034436	0	1.67226	5.61788	0.254096	0	0	-7.14132	-2.29882	4.842501	0.282982	0.511708	0.307607
RP11-14N7.2__lincR	5.36638	13.8428	29.7397	12.5239	15.4001	18.8016	24.1987	9.66255	2.82751	0.067063	0.415938	0.348875	0.902493	0.786228	0.718711
RP11-14O19.2__linc	0	0	2.39112	0	9.2223	41.7701	0.053044	0	0.137432	-4.41452	3.650008	8.064532	0.30621	0.436395	0.312167
RP11-150C16.1__an	7.29393	2.19623	8.36702	4.567	6.65057	1161.52	4.21523	14.1631	3.42809	-6.03723	-0.28825	5.748983	0.421791	0.828655	0.426232
RP11-151A6.4__sen	0.527328	0.710661	0.263996	1.14813	5.65124	22.8813	6.04866	0.205912	0.505961	-4.30458	-2.17027	2.134315	0.297508	0.452932	0.43795
RP11-151E14.1__lin	0	0.047906	1.16643	0.017994	0.115829	0.272242	0.092951	0.074015	0.029491	1.580387	2.627888	1.047501	0.479727	0.484963	0.52999
RP11-152C17.1__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-152F13.3__ps	0.983148	0.700717	1.21913	2.11281	1.77853	1.27458	0.380061	1.26369	2.09895	-0.83148	-0.36654	0.464946	0.163752	0.598048	0.586406
RP11-152F13.7__ps	1.80114	0.823526	1.19971	2.34465	0.588995	3.45368	0.532023	1.96342	2.35416	-0.73999	-0.34264	0.397345	0.365038	0.712635	0.648614
RP11-152K4.2__anti	2.04134	3.46349	1.93282	37.5141	4.63911	36.4713	2.01959	1.38113	0.904226	-3.40206	0.788852	4.190912	0.170101	0.221291	0.147859
RP11-152L20.3__an	2.82855	4.20875	1.62651	2.22155	104.361	183.916	1.17201	1.25937	5.096	-5.06739	0.202854	5.270239	0.217672	0.864596	0.208524
RP11-152L7.1__lincl	0	0	0	0	0	7.02036	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-152L7.2__lincl	0.017627	0	1.47316	0.046782	31.7008	2.6678	0.155428	0.019254	0.019177	-4.52891	2.943	7.471907	0.400787	0.487355	0.378534
RP11-152N13.5__an	0	0	0	0	4.12103	130.283	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.404685	#DIV/0!	0.404685
RP11-153K11.3__lin	0	0	0	0	7.85273	16.7206	0.786609	0	0	#NUM!	#NUM!	4.965303	0.231983	0.42265	0.257241
RP11-153K16.1__lin	0	0.066523	1.0255	0	34.1393	17.1711	1.13997	0	0	-5.55418	-0.06199	5.492184	0.231032	0.981964	0.242352
RP11-153K16.2__lin	0	0.055578	0	0	11.5915	37.9507	2.16786	0	0	-9.79993	-5.28562	4.514314	0.279694	0.437636	0.311748
RP11-153M3.1__pse	18.9336	8.23297	14.1192	5.20761	3.24668	54.8608	14.6296	5.65822	12.4896	-0.6169	0.332942	0.949847	0.70613	0.068486	0.59444
RP11-154H17.1__lin	0	0	2.69606	0	9.11732	13.4916	0.819746	0	0	-3.06797	1.717604	4.785571	0.186388	0.615572	0.228412
RP11-154H23.3__lin	0.84081	0.558513	0.361086	1.3554	0.205756	46.2304	0.800686	0.289165	0.104748	-4.76277	0.559384	5.322157	0.420666	0.126523	0.416794
RP11-154J22.1__an	7.71867	4.76518	4.88087	3.15761	2.76629	4.07231	3.44137	3.92567	3.65966	0.796706	0.655158	-0.14155	0.156757	0.191636	0.528906
RP11-155D18.12__p	10.0935	4.0612	2.75955	5.48289	1.85376	2.12561	6.00885	7.89197	10.8015	0.837982	-0.54641	-1.38439	0.164737	0.54116	0.168615
RP11-155I9.1__lincF	0	0	0.199503	0	1.58617	5.71592	0	0	0	-5.19383	#DIV/0!	#DIV/0!	0.285587	0.42265	0.289292
RP11-155L15.1__lin	0	0	0	0	0.109733	2.92557	0.151276	0	0	#NUM!	#NUM!	4.326586	0.401415	0.42265	0.432006
RP11-156L14.1__an	0.196365	0	0.134652	8.78658	9.2805	101.398	1.18747	0	0.053294	-8.49547	-1.90625	6.589217	0.325996	0.47182	0.331157
RP11-156P1.3__pro	3.42029	4.73939	1.8019	587.297	1032.98	35.4981	2.07963	2.59087	3.90675	-7.37692	0.215859	7.592776	0.196732	0.757291	0.197732
RP11-157F20.3__an	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-157N3.1__linc	0	0.262639	0.965398	0	9.85379	3.7663	0.260198	0	0	-3.47131	2.238672	5.709983	0.283954	0.45947	0.269034
RP11-157P23.2__lin	0	0	0	0.041404	2.457	7.96893	0.015281	0	0.033937	#NUM!	#NUM!	7.732507	0.275313	0.236512	0.2759
RP11-158I13.2__pro	19.5089	4.19856	5.92734	127.084	7.99012	40.2585	5.33701	9.13773	8.27827	-2.56473	0.381235	2.945965	0.255482	0.738449	0.300205
RP11-158I9.5__antis	0.137765	0.02708	0.045933	0	0.464742	4.05944	0.692931	0.075159	0	-4.42386	-1.86555	2.558309	0.383524	0.424531	0.47575
RP11-158J3.2__sen:	0	0.058543	0.074458	0	18.4446	7.44964	0	0	0.053909	-7.60505	1.302852	8.907903	0.249209	0.264012	0.249253

RP11-158L12.5__lin	0	0	0	0	0	0	0.245595	0	0.068136	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.289317	0.289317
RP11-159D12.10__li	0.019504	0.040244	5.37221	0.025991	3.08989	2.78473	2.80732	0.010679	7.46795	-0.11939	-0.92113	-0.80174	0.932346	0.196504	0.595352
RP11-159D23.2__lin	0.10227	0.120624	0.20454	0.203034	0.190466	0	0.325078	0	0.138819	0.119338	-0.1181	-0.23744	0.917844	0.919572	0.846865
RP11-159H3.2__linc	0.020532	0.024211	0.07197	0	0.351694	0.167327	0.050369	0	0.145433	-2.15283	-0.74643	1.406397	0.320246	0.449223	0.475749
RP11-159J3.1__pse	0	0	1.69118	3.67192	0.95559	0	0	0	0	-1.45221	#DIV/0!	#DIV/0!	0.591896	0.42265	0.295853
RP11-159N11.3__an	0.072981	0.034425	0.233789	0.174493	0.124799	4.41803	0.085857	0.095715	0.07945	-3.7893	0.38643	4.175727	0.396491	0.722093	0.407121
RP11-15A1.2__antis	2.40343	2.61739	2.25929	2.1702	5.06885	26.1728	0.736513	2.87567	1.9777	-2.19833	0.381142	2.57947	0.372413	0.429376	0.339964
RP11-15A1.7__antis	0	0	0	0	0	49.4162	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-15B17.1__anti	20.2337	15.6666	20.8584	10.3678	11.6852	899.74	16.4417	18.7531	21.2667	-4.02153	0.007574	4.029103	0.431788	0.965027	0.431319
RP11-15F12.1__anti	0.724896	1.30022	0	1.94201	38.6024	200.636	0.465344	1.35188	0	-6.89596	0.156268	7.052233	0.323413	0.546459	0.322799
RP11-15I11.2__lincF	0	0	0.688846	0	4.50062	13.5448	0	0	0.718983	-4.71131	-0.06178	4.649531	0.26431	0.42265	0.264051
RP11-15K3.1__lincR	0.076482	0.078691	0.229167	0.352261	2.57862	15.0513	3.45551	0	0.180776	-5.54804	-3.24201	2.30603	0.324191	0.444571	0.462454
RP11-15M15.1__ant	0	0.111397	0	6.46061	0.282193	6.47636	0.259044	0	0	-6.89078	-1.21749	5.67329	0.172869	0.697695	0.165938
RP11-160C18.2__ps	0	0	1.33287	0	43.9205	44.9238	0	0	0.153495	-6.05867	3.118273	9.176944	0.183509	0.42265	0.183541
RP11-160H22.3__lin	0	5.29468	7.33114	5.27495	0	0	0	3.46971	2.95423	1.259148	0.974847	-0.2843	0.594618	0.244927	0.904835
RP11-160H22.5__lin	0.058331	0.022931	0.939486	0.12893	6.70357	61.0596	0	0.042461	0.021144	-6.05554	4.004361	10.05991	0.361745	0.399601	0.362212
RP11-161D15.2__lin	0	0	0.680631	0	0	3.62487	0	0	0	-2.41298	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
RP11-161D15.3__lin	0.049861	0.078401	0.973157	0.066186	7.85273	3.12308	0.114007	0	0	-3.32557	3.272168	6.597735	0.288483	0.417341	0.253438
RP11-161H23.9__an	1.98309	0.798553	3.21074	2.94578	1.62122	110.877	1.65996	4.05152	3.15366	-4.26792	-0.56501	3.702906	0.413117	0.492705	0.42897
RP11-161I6.2__lincF	0	0.819427	2.83167	5.18563	12.0699	476.842	0	0	0	-7.08032	#DIV/0!	#DIV/0!	0.402834	0.284915	0.401984
RP11-161M6.2__linc	0.600777	1.06544	0.096273	0.255781	2.23065	44.9238	0.424516	0.683526	0.010476	-4.74951	0.656026	5.405538	0.412302	0.133919	0.405288
RP11-161M6.3__linc	0.038066	0.112232	0	0.025245	6.23491	46.2304	0.205054	0.020783	0	-8.44809	-0.58746	7.86063	0.352005	0.770928	0.353113
RP11-162I7.1__lincF	0	0.122578	0.069213	0	0.110197	0.45981	0	0	0	-1.57145	#DIV/0!	#DIV/0!	0.441231	0.213387	0.303992
RP11-163F15.1__lin	0	0	0.193527	0	3.33099	2.77979	0.188408	0	0.069693	-4.98075	-0.4154	4.56535	0.189894	0.834642	0.21387
RP11-163M18.1__ar	0	0.043844	0.018621	0	3.27135	14.2177	0.082111	0.01017	0.030396	-8.12921	-0.97376	7.15545	0.309041	0.61169	0.311251
RP11-164C1.2__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-164D18.2__lin	0	0	1.35871	0.086381	0	0	0.25649	0	0.071156	3.975381	2.052028	-1.92335	0.460444	0.546571	0.244573
RP11-164H13.1__an	0.582143	0.113609	0.189934	29.9978	1.79391	10.8358	0.728105	0.778754	0.30844	-5.58885	-1.03534	4.553506	0.230729	0.223514	0.242882
RP11-164J13.1__prc	1.06244	7.25196	4.65173	9.05781	2.91125	44.9238	2.94594	9.582	2.33571	-2.1335	-0.19704	1.936459	0.385735	0.710704	0.442664
RP11-165E7.1__pro	1.12233	0.939394	1.08303	0.610897	42.4372	579.152	0.57577	1.33033	2.34114	-7.62829	-0.43358	7.194709	0.383302	0.553733	0.383034
RP11-165P7.1__anti	2.1867	1.17682	1.39166	9.6338	45.4449	39.2093	0.622851	6.57671	4.08995	-4.3095	-1.24741	3.062091	0.11934	0.39501	0.098476
RP11-166B2.8__anti	36.5355	35.5535	43.6493	21.5051	36.7152	7.40223	27.0205	52.0482	92.9759	0.818603	-0.57192	-1.39052	0.262951	0.385178	0.294663
RP11-166D19.1__se	1.40221	1.63102	0.832449	4.42578	9.4723	36.4713	0.248996	0.462618	1.4352	-3.70375	0.848525	4.552278	0.26675	0.432539	0.235472
RP11-167H9.4__anti	2.69594	2.64981	0	1.00063	396.288	48.7524	0	0	2.76926	-6.38264	0.948892	7.331532	0.358538	0.682556	0.358505
RP11-167H9.5__linc	0	0	0.301041	0	3.66229	6.34692	0.557075	0	0	-5.05522	-0.88791	4.167313	0.207054	0.766553	0.257412

RP11-167H9.6__linc	0.085069	0	0	0	0.612309	0	0.354551	0.183419	0	-2.84755	-2.66082	0.186734	0.507591	0.197858	0.922871
RP11-167N24.3__pr	0	0	0.264955	0.345656	4.03636	9.77181	0.703782	0	0	-5.7393	-1.40938	4.32992	0.224044	0.663091	0.265941
RP11-167N24.4__lin	0	0	0	0	2.85215	4.16464	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.197423	#DIV/0!	0.197423
RP11-168A11.1__an	0	0	0	0	1.74517	34.897	0.259519	0	0	#NUM!	#NUM!	7.141521	0.394534	0.42265	0.398838
RP11-168C9.1__linc	0	0	0	0	0	6.90069	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-168E14.1__lin	0	0	0	2.68005	0.804351	10.351	0.807206	0	0	#NUM!	#NUM!	4.099284	0.255039	0.42265	0.287015
RP11-168E17.1__lin	0	0	0	0	0	2.11105	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-168K9.1__linc	0	0	1.46519	0	2.76527	1.71904	0.228513	0	0	-1.6138	2.68074	4.294538	0.372289	0.518515	0.247228
RP11-168L7.3__linc	0	0	0	0	1.38122	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-168O16.1__lin	0.049984	0.116702	0.629795	0.158347	0.133877	2.20234	0.122671	0.082043	0.190553	-1.64708	1.010813	2.657889	0.378071	0.481279	0.39783
RP11-168P8.3__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-168P8.5__linc	0	0.112026	1.12588	0	1.37545	2.8974	0.092424	0	0	-1.7873	3.743487	5.530784	0.194711	0.417425	0.247789
RP11-169D4.1__linc	0.072654	0.042837	0.523301	0.06439	4.59199	0.220398	0.190039	0.052962	0.092328	-2.93251	0.929767	3.862277	0.46333	0.607858	0.422793
RP11-169E6.1__anti	0.388516	0	0.129018	0.084616	1.86185	0	0.314014	0.777349	0.348464	-1.91113	-1.47617	0.434962	0.563702	0.343549	0.748267
RP11-169K16.4__an	0.182623	0.033759	1.79869	0.161416	11.0858	899.74	0.677089	0.417619	0.093612	-8.82046	0.761908	9.582364	0.415601	0.737206	0.416175
RP11-169K16.7__ps	95.1011	33.1364	53.3199	33.1934	7.33422	18.504	193.196	77.0148	57.6799	1.620866	-0.85279	-2.47366	0.063881	0.214451	0.132139
RP11-169K16.9__an	0	0	1.1568	0	3.19474	3.2859	0	0	0	-2.486	#DIV/0!	#DIV/0!	0.199384	0.42265	0.183584
RP11-16B13.1__anti	7.62992	6.49411	5.06098	5.23918	5.06318	86.9931	3.00591	5.12114	4.15593	-2.34239	0.643319	2.985712	0.449898	0.188035	0.407704
RP11-16E12.1__linc	0.543694	0.113655	1.27297	7.93046	2.86996	3.03373	0.654987	3.19358	0.089951	-2.84132	-1.02881	1.812509	0.149261	0.648783	0.272673
RP11-16L9.2__lincR	0	0	0	0.10642	1.08819	438.263	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.421078	#DIV/0!	0.421078
RP11-16L9.4__lincR	0	0	0.268683	0	17.2048	7.82739	0	0	0	-6.54174	#DIV/0!	#DIV/0!	0.239186	0.42265	0.235393
RP11-16N11.2__anti	0.177959	0.377765	0.178093	0.07084	0.132971	0.917914	0.296382	1.49786	1.92864	-0.61223	-2.34293	-1.7307	0.715281	0.170956	0.123453
RP11-16N2.1__lincR	0	0.081943	0.414769	0	0.58119	1.39391	0.179775	0	0	-1.99145	1.466216	3.457661	0.223394	0.601708	0.318468
RP11-16P6.1__antis	0.820805	1.09715	0.607247	2.24585	1.77974	2.2478	0.928517	1.2225	0.934131	-1.31285	-0.28894	1.023906	0.049928	0.117405	0.052177
RP11-170L3.7__pse	0.279041	0	0.559212	0	1.39897	0	0.481748	0.673965	0.085519	-0.73891	-0.56632	0.172592	0.788718	0.725751	0.895879
RP11-170M17.1__lin	0	1.16373	1.32159	24.6239	23.2559	44.9238	1.11672	1.17831	1.68998	-5.22268	-0.68115	4.541526	0.047255	0.263739	0.049267
RP11-171L9.1__linc	0	0	0	0.074572	5.10683	8.29391	0.073419	0.081855	0	#NUM!	#NUM!	6.439358	0.201262	0.184706	0.206969
RP11-171N4.1__linc	0	0	0.065719	0	0	0.187232	0	0	0	-1.51044	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
RP11-171N4.4__linc	0.034766	0	0	0	7.13885	398.421	0	0	0.11302	-13.51	-1.70084	11.80912	0.41245	0.617915	0.412396
RP11-172E9.2__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-173A16.2__se	0.822906	0.970488	1.20641	0.634554	0.122503	0.383761	0.506062	1.52547	0.624358	1.3948	0.175673	-1.21913	0.102883	0.770292	0.387975
RP11-173E2.2__linc	0	0	0.19903	0.173971	0.279111	0	0.193724	0	0.071657	-1.18679	-0.41508	0.771705	0.61845	0.83477	0.624812
RP11-173M1.4__linc	0	0.176861	0.179848	0.317054	8.82401	3.8461	0.23441	0	0.778775	-5.18619	-1.50608	3.680117	0.224037	0.431793	0.260013
RP11-173P15.7__an	3.39384	0.749089	0.914291	1.8287	2.05113	19.3057	0.37045	3.99226	1.6527	-2.19681	-0.25032	1.94649	0.434364	0.876925	0.443679
RP11-174G17.2__lin	0	0	1.08884	0.031906	204.943	2.73883	1.15535	0	0.065355	-7.57566	-0.16492	7.410738	0.41793	0.950675	0.418341

RP11-174G6.1__ant	3.01473	9.88227	6.98957	129.665	91.5996	926.643	11.5538	14.5444	94.2788	-5.85107	-2.59769	3.253375	0.301162	0.339424	0.297291
RP11-174G6.5__sen	1.79735	1.41275	5.13192	2.03958	0.790177	5.29314	0.926706	3.97442	3.3958	0.038402	0.00782	-0.03058	0.815908	0.991901	0.974038
RP11-174J11.1__linc	0	0	0.291027	0	0.490895	19.9684	0.226832	0	0	-6.13546	0.359529	6.494988	0.408431	0.899554	0.415229
RP11-174M13.2__lin	0	0	0	0	0.115802	1.10799	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.365762	#DIV/0!	0.365762
RP11-174O3.3__ant	0.02682	1.71765	0.51694	0	2.1161	2.02675	0.475588	0.350899	0	-0.8734	1.452158	2.32556	0.304458	0.458033	0.298499
RP11-175B12.2__lin	1.20992	6.62042	4.41798	3.7793	8.37163	4.45801	5.78577	7.4003	40.6514	-0.43938	-2.13603	-1.69665	0.190395	0.342682	0.407261
RP11-175I17.2__pse	0	0	0	0	0	0	0	0	2.84616	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP11-175O19.4__ar	1.885	3.00002	2.05561	8.65139	2.51924	7.49485	2.19317	2.89718	1.76815	-1.42723	0.017174	1.444408	0.221454	0.890691	0.211007
RP11-177B4.2__linc	0	0	0.052493	0	1.29514	4.65407	0.167955	0	0	-6.82443	-1.67788	5.146551	0.287822	0.621168	0.309491
RP11-177C12.4__ps	0.196537	0.154648	0.587347	0	0.411963	0.551423	0.69882	0.283573	0.211494	-0.03771	-0.34719	-0.30948	0.955953	0.769803	0.831041
RP11-177N22.3__se	0.159452	0.752992	0.158623	0	0	0	0.462478	0.602266	0.256558	#DIV/0!	-0.30291	#NUM!	0.21312	0.589946	0.048239
RP11-178F10.2__lin	0	0	0.641151	0.0933	1.9828	2.61983	0	0	0	-2.87267	#DIV/0!	#DIV/0!	0.164737	0.42265	0.175151
RP11-178L8.5__sen	0	0.104588	0.711025	0	9.03795	30.7991	0.622335	0.058127	0.038596	-5.61008	0.181777	5.79186	0.282201	0.939234	0.295337
RP11-178L8.7__anti	0.544011	1.28574	0.538267	0	1.66579	2.31946	1.68946	0.237491	0.576314	-0.75099	-0.08013	0.670859	0.50878	0.949725	0.696214
RP11-179A10.1__lin	0	0	2.36216	229.013	18.6963	61.0596	0	0	0	-7.03028	#DIV/0!	#DIV/0!	0.254053	0.42265	0.250186
RP11-179A16.1__lin	3.59459	0	0.763015	21.5051	1867.38	75.9819	2.08681	0	0.283167	-8.81668	0.878662	9.695343	0.394375	0.274751	0.393772
RP11-179B15.6__lin	0	0.026155	0.133104	0.264456	0.23632	0.42295	0.021706	0	0	-2.53609	2.875239	5.411326	0.008398	0.421899	0.038981
RP11-179K3.2__linc	0.063864	0.075377	0.381775	0	2.29302	0.059772	0	0	0	-2.17497	#DIV/0!	#DIV/0!	0.528249	0.237205	0.407801
RP11-17A1.3__antis	5.35809	5.95445	5.6145	50.85	15.7838	34.3314	3.64745	7.95378	4.86565	-2.57646	0.039762	2.616219	0.112797	0.902889	0.131825
RP11-17E2.2__antis	0.226042	26.2032	1.64688	1.71039	820.802	69.6969	2.5716	4.70575	1.04935	-4.98997	1.753527	6.743494	0.374418	0.472926	0.376895
RP11-17L5.4__lincR	515.885	83.9987	512.463	140.678	120.333	30.7825	39.7686	254.781	6.54311	1.930587	1.885327	-0.04526	0.225462	0.3453	0.968389
RP11-17M15.2__pse	0.007858	0.283046	0.017704	0.117533	1.98674	0.360335	0.183072	0.567286	0.27606	-2.99751	-1.73377	1.26374	0.285136	0.018374	0.416677
RP11-180D21.3__lin	0	0	0	11.0931	0.291759	153.62	0.115185	0.085648	0	#NUM!	#NUM!	9.682296	0.381474	0.192193	0.382193
RP11-181G12.4__lin	0	0.183005	0	0	3.76839	5.30021	0	0	0	-5.63092	#DIV/0!	#DIV/0!	0.198297	0.42265	0.194908
RP11-182I10.3__linc	1.01166	2.05823	1.79708	3.90477	14.2914	66.378	1.16586	1.72102	0.730299	-4.11912	0.428159	4.54728	0.300549	0.361097	0.3013
RP11-183M13.1__pr	0.236621	0.229492	1.62562	1.51012	2.43826	48.3233	1.20331	0.688386	0.715511	-4.64326	-0.31781	4.325452	0.380519	0.788143	0.398127
RP11-184A2.2__anti	0	0	0	0	0	1.69047	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-184A2.3__anti	0	0	0	4.60487	1.78655	3.70807	0.501102	0	0.344015	#NUM!	#NUM!	3.578988	0.055913	0.197253	0.045731
RP11-184D12.1__lin	0.022599	0.008882	1.50824	13.0308	37.5408	197.997	0.044377	0	0.008214	-7.33483	4.871707	12.20654	0.288539	0.427684	0.289468
RP11-184E9.1__linc	7.19206	10.113	5.60231	5.59959	100.521	6.49302	5.07163	5.79927	7.12582	-2.2975	0.348078	2.645575	0.427248	0.437732	0.423311
RP11-184E9.2__linc	0	0	0.061216	0.054079	0.108743	13.9801	0.079878	0	0.044347	-7.85195	-1.02097	6.830977	0.415918	0.554408	0.419232
RP11-184M15.1__lin	0.2407	0.094624	0.409257	0	0.085568	3.75394	0.117847	0	0.043618	-2.36642	2.20521	4.571631	0.467142	0.152333	0.428113
RP11-184M15.2__lin	0	0	0	0	1.59916	12.9739	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.356357	#DIV/0!	0.356357
RP11-185E12.2__an	0.097029	0.2861	4.85786	0.192712	0.387422	12.2651	0.332237	0.264609	0.131744	-1.29332	2.84666	4.139982	0.407399	0.449445	0.423513
RP11-185E8.1__linc	0	0	0	0	0	0	1.23521	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265

RP11-1L12.3__antis	3.15037	0	7.01203	21.8519	17.2048	145.198	14.6659	2.77397	0.066048	-4.18039	-0.7846	3.395787	0.284626	0.691233	0.340711
RP11-1O2.1__proce	0	0	0.042211	0.135417	0.157914	1.23351	0.010339	0.023051	0.278477	-5.1768	-2.88526	2.291546	0.291215	0.344791	0.278761
RP11-200A1.1__linc	0	0	0	0	4.23077	1.4578	1.53064	0	1.94523	#NUM!	#NUM!	0.710692	0.26606	0.18925	0.717708
RP11-201A3.1__linc	0	0	0.039321	0	0	0.02507	0.038514	0	0	0.64932	0.029902	-0.61942	0.42265	0.991539	0.831098
RP11-201M22.1__lin	0	0	0.099103	0.10851	34.1393	30.7991	0.193542	0	0.107278	-9.35833	-1.6019	7.756436	0.183287	0.3988	0.185726
RP11-202A13.1__lin	0.056272	0	0	0	1.65962	0	0.109352	0.061003	0	-4.8823	-1.59806	3.284236	0.442546	0.185465	0.463397
RP11-202D1.2__linc	0	0.074004	0.062702	0.082876	0	0	0	0	0.272146	0.722046	-0.9933	-1.71535	0.756399	0.647977	0.615886
RP11-202D1.3__linc	0	0	0.053944	0	16.186	54.7378	0	0	0	-10.3606	#DIV/0!	#DIV/0!	0.282528	0.42265	0.282633
RP11-202K23.1__lin	0	0	0.388142	0	15.9156	61.0596	0	0	0.424055	-7.63167	-0.12767	7.503999	0.295048	0.42265	0.294989
RP11-203B7.2__linc	0	0.057405	0.083612	0.046309	0.216207	0.093497	0.054638	0.030451	0.022755	-1.33606	0.386937	1.722996	0.250939	0.777582	0.279798
RP11-204C23.1__lin	0	0	0	0.335007	0	1.23109	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.291311	#DIV/0!	0.291311
RP11-205M3.3__linc	1.53104	0.023402	0.363595	0.552198	53.505	38.4574	0.705765	0.194919	0.293597	-5.59198	0.683488	6.275467	0.203487	0.505965	0.195826
RP11-206L10.11__p	4.8322	1.44476	3.81349	10.8262	5.27698	6.58158	3.12507	3.51667	1.71087	-1.16873	0.272692	1.441424	0.047494	0.705765	0.108392
RP11-206L10.3__lin	1.97357	1.93853	2.42426	2.12849	3.20913	5.90725	0.946979	7.13968	0.637957	-0.82754	-0.46144	0.366103	0.236291	0.753526	0.782147
RP11-206L10.8__ps	1.7112	0	0	2.20133	117.704	3.58948	1.15422	2.20449	0	-6.1733	-0.9729	5.200399	0.402922	0.581667	0.399787
RP11-206L10.9__lin	1.46168	1.27583	2.75971	10.6189	2.43137	19.7774	2.1325	1.63377	1.58828	-2.57814	0.037937	2.616075	0.184937	0.941019	0.210366
RP11-206M11.7__ar	2.63276	0.358162	0.836019	0.536767	3.91706	29.8184	0.279432	1.48816	1.05931	-3.16278	0.43697	3.599746	0.399574	0.779637	0.370987
RP11-208K4.1__linc	0	2.06482	1.80591	10.3817	92.1606	1554.35	0.282018	0	0	-8.74166	3.778747	12.5204	0.386331	0.248641	0.385758
RP11-208N14.4__an	0.01347	0	0.161828	0.12529	2.03777	7.28353	0.184918	0	0.088005	-5.75191	-0.63869	5.113228	0.277466	0.69805	0.291804
RP11-20B24.5__anti	0	0	0.154963	6.57213	1.47683	11.7262	2.88776	0	0	-6.99562	-4.21996	2.775667	0.153958	0.454416	0.212431
RP11-20B7.1__lincR	0.131259	0	0.087353	1.80207	28.6481	4.36588	0.298381	0	0	-7.31524	-0.44878	6.866453	0.311544	0.755774	0.313223
RP11-20D14.6__linc	0.2162	0.010033	0.219177	0.421187	0	2.46086	0.133378	0.141362	0.423927	-2.69389	-0.64947	2.044417	0.375053	0.430974	0.388669
RP11-20E24.1__linc	0.474295	0	0.314573	0	4.96022	25.4267	0.076436	1.06	0.169612	-5.26752	-0.72735	4.540171	0.332527	0.738408	0.343032
RP11-20G13.2__ant	0	0	1.38557	4.92348	1.86945	14.7858	0	0.23674	10.5605	-3.96106	-2.96211	0.998947	0.190266	0.407949	0.069588
RP11-20G6.2__lincR	0	0	0.509031	0.200935	1.69323	1.25015	0.099273	0.110749	0.110184	-2.62692	0.668755	3.295675	0.181651	0.743893	0.165119
RP11-20J15.2__lincf	0	0	0.279965	0	1.43819	1.49031	0.11715	0	0.086697	-3.38684	0.457761	3.844605	0.186508	0.805546	0.218547
RP11-20L19.1__lincf	0	0	0.040052	0	0.21223	0.189694	0	0	0	-3.32697	#DIV/0!	#DIV/0!	0.195448	0.42265	0.184784
RP11-211G23.1__lin	0.024494	0	0.098103	0.113962	1.56103	1.92897	0.0961	0.040173	0.040019	-4.87758	-0.52405	4.353538	0.165183	0.691757	0.18399
RP11-212I21.2__linc	1.11267	3.7826	2.52292	24.6239	23.2559	23.8993	0	0.643171	0	-3.27442	3.527793	6.802218	0.002942	0.063866	0.000615
RP11-213G21.2__lin	0	0	0	0	0	10.4482	0.075803	0	0	#NUM!	#NUM!	7.106782	0.42265	0.42265	0.426854
RP11-214C8.2__linc	0.048472	0.028585	0.072718	1.80207	2.41214	1.43706	0.437009	0	0.078978	-5.23771	-1.78454	3.453167	0.025232	0.45736	0.039397
RP11-214L13.1__lin	0	0	0	0	0	1.75652	0.025286	0	0.028079	#NUM!	#NUM!	5.040677	0.42265	0.18462	0.431157
RP11-214L19.1__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-214O1.1__linc	0	0	0.080264	0	0.154181	0.367026	0.110027	0	0	-2.69902	-0.45503	2.243999	0.218084	0.873829	0.425222
RP11-215E13.1__lin	0	0	0.89162	0	170.785	4.41421	0	0	2.06113	-7.61835	-1.20893	6.409417	0.410867	0.42265	0.414751

RP11-215H22.1__lin	0	0	0.013144	0	0.154424	0	0	0	0.042889	-3.55444	-1.70622	1.848224	0.473694	0.42265	0.598208
RP11-215N21.1__lin	0.096585	0	0.020435	0.027079	136.332	216.364	0	0.044595	0.022206	-11.5576	0.808828	12.36639	0.203895	0.727491	0.203703
RP11-217B1.2__anti	0.144656	0.136502	0.144609	0	0.461241	0.967694	0.197929	0.126124	2.6606	-1.7468	-2.80943	-1.06262	0.35401	0.412943	0.482926
RP11-217C7.1__linc	0	0	1.80792	0	5.69806	19.6241	0.204969	0	0	-3.808	3.140853	6.948851	0.274215	0.491364	0.290386
RP11-217E13.1__lin	0	0	20.8473	0	66.5216	417.124	0.784114	174.544	0	-4.53602	-3.07212	1.463893	0.335036	0.492625	0.58688
RP11-218C14.5__lin	0.095546	0	0	0	1.88419	2.30872	0.092065	0	1.02125	-5.45561	-3.54252	1.91309	0.206576	0.424621	0.221507
RP11-218E20.3__lin	0.006136	0.01447	0.089447	0.089905	0.111852	0.501291	0.080235	0.006717	0.060236	-2.67542	-0.41945	2.255969	0.206405	0.732091	0.29236
RP11-218F4.1__linc	0.02317	0	1.19134	0	4.00173	234.075	1.82598	0.126404	0.053545	-7.61491	-0.7239	6.891013	0.412873	0.786041	0.417691
RP11-218M22.1__ar	2.15088	0.480253	1.12309	2.66828	1.58212	9.02895	0.944951	1.56724	0.940092	-1.8226	0.120964	1.943562	0.3125	0.893301	0.313981
RP11-218M22.2__lin	0	0	0	0	0	1.44549	0.229948	0	0	#NUM!	#NUM!	2.652179	0.42265	0.42265	0.520523
RP11-219B17.1__an	6.65338	5.80645	8.3479	8.24835	8.84081	323.286	3.97892	17.7259	3.72629	-4.03193	-0.28947	3.742459	0.414198	0.795625	0.431259
RP11-219E7.3__linc	0.021132	0.033227	0.198338	0.037433	0.245977	0.188773	0.048345	0.030797	0	-0.90194	1.674882	2.576819	0.406708	0.499519	0.207828
RP11-219F10.1__lin	0	0	0.832535	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
RP11-21A7A.2__ant	0.008985	0.031782	0.973303	4.36444	42.5527	77.3173	0.105825	0	0	-6.93676	3.260405	10.19717	0.186912	0.464171	0.188901
RP11-21A7A.4__ant	0	0	0	0	39.9278	5.11648	0.308409	0	0	#NUM!	#NUM!	7.190355	0.353949	0.42265	0.358391
RP11-21B23.3__linc	0	0	0.142116	0	0	0	0	0.950671	0	#DIV/0!	-2.74188	#NUM!	0.42265	0.514354	0.42265
RP11-21J18.1__proc	38.6136	71.6264	16.8043	7.93406	23.3512	634.02	4.16161	115.625	10.2082	-2.38868	-0.03312	2.355562	0.498653	0.969727	0.509901
RP11-21J7.1__lincR	7.56998	2.16261	2.6576	19.9059	5.64597	1.09597	0	6.58799	0.222283	-1.10482	0.863414	1.968234	0.362533	0.646002	0.425826
RP11-21L23.2__sen	1.23121	16.2221	0.573592	3.36057	1.84637	2.73453	4.58975	0.561838	0.172586	1.182673	1.759522	0.576848	0.603683	0.542241	0.515427
RP11-21L23.4__anti	0.493519	0	0.546811	0	2.20101	11.0808	0.839086	0.118925	0.295758	-3.67434	-0.26923	3.405108	0.343937	0.72207	0.369619
RP11-222A11.1__lin	35.4441	18.7261	8.0182	158.855	31.5562	34.3314	8.72456	15.9405	3.76866	-1.85356	1.129043	2.982599	0.26006	0.283477	0.264049
RP11-222A5.1__linc	0	0	0.083922	0.354626	6.31129	0.304588	0.131463	0	0.036495	-6.37608	-1.00098	5.375094	0.371398	0.652837	0.378658
RP11-222N13.1__lin	0	0	0	0	2.02356	1.52805	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.191336	#DIV/0!	0.191336
RP11-225H22.4__an	2.31318	0.425629	0.572932	0.837888	1.80878	95.6924	0.664208	1.32127	1.07996	-4.8921	0.111497	5.0036	0.423339	0.926843	0.418624
RP11-225H22.5__an	0.222188	0	0.298513	0.1965	25.6035	20.9745	1.329	0.101102	0.060416	-6.48912	-1.51729	4.971837	0.188543	0.507385	0.207755
RP11-225N10.1__an	0.016112	0	0.048381	0.064173	0.223727	0.04622	1.05557	0	0	-2.37316	-4.03274	-1.65959	0.31975	0.450117	0.590585
RP11-226L15.5__se	2.48307	0.930833	1.87302	2.3794	39.9278	0.26727	0.644586	3.38484	1.30627	-3.00949	-0.01325	2.99624	0.448427	0.99097	0.412555
RP11-227B21.2__an	0	0.261445	0.220449	0	1.0798	12.3513	0	0.079761	0	-4.80072	2.594969	7.395687	0.385099	0.187271	0.377939
RP11-227D2.3__anti	0	0	0.037884	0	2.96973	0	0.111244	0	0.061762	-6.2926	-2.19116	4.101441	0.430061	0.314343	0.456782
RP11-227F19.1__an	0	0	0.463799	3.0918	36.0883	26.6948	1.56224	0.052934	0.073829	-7.15009	-1.8646	5.285486	0.155544	0.560924	0.173338
RP11-227F19.2__lin	0	0	0	0	0	1.93714	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-227G15.3__pr	56.2142	46.0514	41.0558	23.2812	10.7353	8.92172	16.5395	49.3463	53.9342	1.73892	0.258385	-1.48053	0.000815	0.675723	0.256309
RP11-227H15.4__an	0	0.036812	0.093737	17.7383	50.2635	98.4169	163.821	0.102328	0.101924	-10.316	-10.2951	0.0209	0.141457	0.42239	0.992453
RP11-22A3.2__lincR	0.549265	0.875132	0.197388	0.364072	0.594738	0.031487	0.342752	0.16767	0.095448	0.71165	1.420503	0.708853	0.027122	0.211646	0.486653
RP11-22B23.1__pse	0.962094	1.25968	1.2549	1.40486	2.17864	4.21356	1.23133	1.90439	3.61874	-1.16522	-0.95813	0.20709	0.202965	0.232258	0.111646

RP11-22P4.1__lincR	1.8242	2.22624	1.18443	27.878	31.5562	714.898	0.99602	0.785146	0.99138	-7.20866	0.916942	8.125597	0.378785	0.150403	0.377044
RP11-230B22.1__an	0.180292	0.833884	1.11352	0.238606	14.9409	6.92982	0.70044	2.88931	0.841612	-3.37729	-1.05846	2.318833	0.243967	0.377792	0.244532
RP11-230G5.2__linc	5.52421	4.76255	1.9282	3.27279	30.7242	341.396	1.16443	3.30987	2.74699	-4.94168	0.758321	5.700001	0.384136	0.382344	0.374376
RP11-231C14.3__ps	6.48399	1.17977	6.94176	5.97937	9.28457	2.41497	3.02746	8.97728	15.072	-0.27552	-0.89054	-0.61502	0.80914	0.388951	0.582638
RP11-231C18.1__lin	0	0	0	0	1.84571	2.40124	0.163327	0.182326	0	#NUM!	#NUM!	3.619031	0.1904	0.184734	0.230117
RP11-231C18.2__lin	0	0	0.070168	0	0	0	0	0.076187	0	#DIV/0!	-0.11874	#NUM!	0.42265	0.966447	0.42265
RP11-231E19.1__lin	0	1.0978	0.12808	0	0.136898	0.224765	0.444737	0	0.046452	1.7611	1.319467	-0.44163	0.483351	0.642733	0.849933
RP11-231E4.2__linc	0	0	0.125383	0.166241	0.458513	0.085505	0.170342	0	0	-2.502	-0.44209	2.059911	0.309941	0.877278	0.331695
RP11-231I16.1__ant	4.77205	3.78883	3.41986	60.4405	0	9.08022	3.81186	14.7221	0	-2.53673	-0.62945	1.907272	0.407657	0.67088	0.502846
RP11-231N3.1__linc	0	0	0	0	0	2.11451	0.351907	0	0.167392	#NUM!	#NUM!	2.025686	0.42265	0.230627	0.534536
RP11-231P20.2__ps	0.08977	0.070593	0.957142	0.197738	53.8387	238.001	0.116955	0.065211	0.227231	-8.02973	1.448706	9.478436	0.308982	0.4403	0.309326
RP11-232C2.1__anti	0	0	0	0	0.354913	6.81297	0	0	0.080624	#NUM!	#NUM!	6.474187	0.393396	0.42265	0.393056
RP11-232L2.2__anti	0.771402	6.69171	1.54291	2.46191	2.08701	4.00776	2.51958	5.33812	3.44984	0.073839	-0.32832	-0.40216	0.952743	0.544893	0.518599
RP11-232M24.1__lin	0	0	0	0	4.63439	19.9684	0.081193	0	0	#NUM!	#NUM!	8.243258	0.307072	0.42265	0.309364
RP11-234B24.2__lin	0.2274	0.851671	0.520849	2.24155	10.1421	5.19907	1.37585	2.82332	1.38344	-3.45809	-1.80294	1.655147	0.129056	0.057367	0.165166
RP11-234B24.4__lin	0	0	0.777681	0	0	0	0.518808	0.29549	0	#DIV/0!	-0.06638	#NUM!	0.42265	0.978437	0.212578
RP11-234K24.3__an	0	0.20024	0.106079	7.07112	0.171424	7.26725	10.2512	0.023888	0	-5.56585	-5.06797	0.497876	0.185176	0.438669	0.691842
RP11-234O6.2__ant	0	0	0	0	0.077615	11.6619	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.41882	#DIV/0!	0.41882
RP11-236B18.2__lin	0.11818	0	0.234262	0	0	16.6256	0.702527	0	0	-5.55988	-0.99517	4.564709	0.426827	0.678945	0.447539
RP11-236J17.3__an	0	0	0.240574	0.18265	8.6133	0.226983	0.156157	0	0.021396	-5.22904	0.438233	5.667276	0.411451	0.864798	0.407265
RP11-236J17.5__sei	0.044629	0	0.491704	0.177823	2.86234	93.7922	0.174996	0.097545	0.275292	-7.49622	-0.03061	7.46561	0.404394	0.975483	0.405823
RP11-236P13.1__lin	0.585198	0	0	0	0	0	0.497993	0	0.061046	#DIV/0!	0.065977	#NUM!	0.42265	0.858117	0.356692
RP11-237D3.1__linc	0	0	0	0	0.689217	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-239E10.3__lin	0	0	1.65526	0	0.084749	1.66359	0.725433	0	0	-0.07893	1.190144	1.269071	0.368943	0.702954	0.674947
RP11-23D24.2__pro	0.663081	0.04092	1.60281	3.3603	88.7069	1079.69	1.25553	0.069289	0.066275	-8.98856	0.729681	9.718239	0.375831	0.679006	0.376223
RP11-23O13.1__pse	0	0	0.899438	0	3.14786	64.5421	0.653066	0	0	-6.23377	0.461795	6.695569	0.394833	0.872029	0.401076
RP11-23P13.6__anti	4.26408	0.860099	0.960825	3.75988	1.54669	9.30464	0	1.32883	2.20601	-1.26375	0.783613	2.047359	0.41308	0.670384	0.204197
RP11-240A16.1__lin	0	0	0	0	0	0	0.038611	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP11-242D8.1__linc	4.76639	2.3707	1.67373	2.71218	3.13665	3.42246	2.16561	1.76316	3.95669	-0.07349	0.160081	0.233575	0.905201	0.847944	0.490966
RP11-242F24.1__lin	0	0.042709	0.181206	0	0.193261	4.61532	0.230598	0.019776	0.05909	-4.42459	-0.46682	3.957768	0.403391	0.811441	0.431027
RP11-242J7.1__lincI	0	0	0.67549	22.0863	1.80166	8.92307	0.782288	0.104008	0	-5.6021	-0.39185	5.210248	0.215324	0.882836	0.20414
RP11-243E13.1__lin	0.077116	0	0.192548	0.107514	0.612441	5.74008	0.079311	0.141787	0.033028	-4.58231	0.085617	4.667926	0.359647	0.95797	0.374315
RP11-243M5.1__linc	0	0	0.142116	0.093067	3.34997	5.01609	0	0	0	-5.89537	#DIV/0!	#DIV/0!	0.188187	0.42265	0.190417
RP11-244H18.1__lin	0	0.059843	0	0.106218	0	0	0	0	0	-0.82777	#DIV/0!	#DIV/0!	0.780386	0.42265	0.42265
RP11-244H3.1__pro	6.73789	2.90751	2.71395	1.50886	3.66168	153.5	3.26429	5.15756	4.45345	-3.68236	-0.059	3.623356	0.440127	0.933647	0.435312

RP11-245J24.1__prc	0	0	1.04567	1.54829	8.3839	7.07746	0.459658	0.197564	0.268622	-4.02385	0.175587	4.199441	0.117471	0.925143	0.132421
RP11-246A10.1__lin	0.068067	0	0	0.266556	5.65124	8.24658	0.197912	0	0	-7.7011	-1.53983	6.161264	0.186076	0.42265	0.193433
RP11-248E9.5__linc	0	0	0	0	0	0	0.085919	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP11-248E9.6__linc	0	0	0	0.093294	0.577278	0.734422	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.135938	#DIV/0!	0.135938
RP11-248G5.8__pro	3.56679	43.2203	2.40095	25.0594	23.5142	899.74	87.6976	20.7118	17.4666	-4.26898	-1.35562	2.913361	0.421805	0.499047	0.46316
RP11-249C24.11__p	0	0	0	0	0	0	0.793336	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP11-24C3.2__antis	23.6375	12.6386	8.06577	7.07888	2.47677	2.49398	12.1325	16.1821	16.199	1.879681	-0.00558	-1.88526	0.077548	0.993175	0.064252
RP11-24F11.2__anti	3.81426	2.26448	2.0627	4.7035	39.9278	8.42713	2.50448	3.52705	9.96083	-2.70423	-0.97403	1.730199	0.321265	0.440745	0.413685
RP11-24I21.1__lincF	0	0	0.10569	0	7.45875	118.169	0.011504	2.13755	0.58693	-10.2151	-4.69415	5.520951	0.387396	0.306918	0.397195
RP11-24J23.2__anti	1.64823	0.096751	3.45481	0	10.5767	24.626	0.275122	0.343793	0.06374	-2.75916	2.929224	5.688385	0.268504	0.288772	0.251028
RP11-24M17.4__pro	0	0.023895	0.21151	0.025486	2.35724	22.5206	0.520596	0.041966	0.099372	-6.72505	-1.49154	5.233507	0.365068	0.537844	0.379232
RP11-24P14.1__linc	0	0	0	0	3.12484	6.07571	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.222513	#DIV/0!	0.222513
RP11-251P6.1__linc	0.01662	0	0.066539	0.263406	7.36603	3.48562	0.14658	0.018157	0.03617	-7.06242	-1.27258	5.789841	0.216053	0.495272	0.223798
RP11-252A24.5__an	0	0.151614	1.68484	0.090227	8.04428	6.76667	0.771329	0.138642	0.306088	-3.02043	0.59471	3.615141	0.196503	0.773286	0.227835
RP11-253D19.2__lin	0	0	0	0	0.73446	73.2715	0.228553	0	0	#NUM!	#NUM!	8.338969	0.416892	0.42265	0.418695
RP11-253E3.3__pro	1.00871	1.54444	1.27237	7.66749	1.42817	13.5448	1.83631	1.08396	1.7046	-2.56518	-0.27376	2.291419	0.222029	0.556693	0.212184
RP11-253I19.3__linc	0	0	0	5.19603	6.38932	216.364	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.392175	#DIV/0!	0.392175
RP11-253M7.1__ant	1.0792	0	0.692562	0	0	4.3917	0	0	0	-1.30959	#DIV/0!	#DIV/0!	0.607453	0.202277	0.42265
RP11-254F19.3__lin	0	0	0.092704	8.12061	2.0925	5.0685	0.672669	0	0	-7.36494	-2.85919	4.505756	0.100672	0.506879	0.088045
RP11-255H23.2__ps	0.85304	49.1791	17.2148	17.4407	43.9205	58.6476	36.4858	43.9607	38.6021	-0.8356	-0.82401	0.01159	0.322141	0.285954	0.979951
RP11-255I10.2__linc	0	0	0	0	25.6035	2.09816	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.377424	#DIV/0!	0.377424
RP11-255M2.2__linc	0	0	0	0	12.8078	13.7417	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.184008	#DIV/0!	0.184008
RP11-256I9.3__lincF	0.216222	0.403176	2.72339	1.53774	58.3691	18.2292	1.1717	0	0.591923	-4.54686	0.92251	5.469374	0.280524	0.615363	0.276877
RP11-256L11.1__lin	0	0	0.761819	0.365068	0.410244	0	0	0	0	-0.02533	#DIV/0!	#DIV/0!	0.991705	0.42265	0.184886
RP11-257A22.1__lin	0	0	0	0	0	0.246318	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-257I14.1__ant	0	0	0.281472	0.034346	28.3415	43.9184	1.73302	0	0.028144	-8.00475	-2.64547	5.35928	0.200956	0.512229	0.220971
RP11-258F22.2__lin	0	0	0	0	0	3.28931	0.999314	0	0	#NUM!	#NUM!	1.718775	0.42265	0.42265	0.615409
RP11-259A24.1__lin	0	0.042168	0.178549	0.141456	0.682048	19.1562	0	0.07781	0	-6.5002	1.504168	8.004364	0.399237	0.546843	0.40049
RP11-259G18.1__ps	0	0	0.204656	0	0	0	0.15907	0.088783	0.08824	#DIV/0!	-0.71566	#NUM!	0.42265	0.648988	0.04136
RP11-259K15.2__lin	0.022811	0.580664	0.415606	0.326481	5.5531	124.719	0.133939	0	0.223074	-7.00173	1.51322	8.514947	0.398627	0.385224	0.396605
RP11-259O2.2__linc	0.080647	0.25699	0.408281	0.524966	2.59234	4.48942	0.623638	0.058463	0.311516	-3.35019	-0.41367	2.936514	0.161324	0.756036	0.218766
RP11-259P15.4__ps	812.976	1523.75	588.61	915.713	710.253	3.56188	217.883	513.225	667.929	0.844148	1.064168	0.22002	0.257272	0.250296	0.864686
RP11-25H12.1__linc	0	13.0566	3.64372	0	25.6035	317.01	0	3.46712	1.41497	-4.35863	1.774305	6.132939	0.400014	0.306937	0.383668
RP11-25I15.2__lincF	0	0	0.329927	0	2.76719	5.44367	0.847273	0	0	-4.63731	-1.36068	3.276635	0.217455	0.671496	0.310416
RP11-25K21.6__pro	41.949	415.471	428.942	250.814	79.2364	10.7538	33.2108	171.447	144.425	1.378953	1.344327	-0.03463	0.452985	0.172654	0.982397

RP11-25L3.3__lincR	0	0	0	0.200216	18.9253	30.3928	0.080622	0	0.089495	#NUM!	#NUM!	8.185293	0.201503	0.184612	0.202547
RP11-260E18.1__an	0.109497	0	0.45656	0.31475	3.0923	5.51829	2.27777	0.079723	0.059551	-3.97889	-2.09422	1.884663	0.186834	0.51551	0.425148
RP11-260G13.1__lin	0	0	0	0	0	3.25271	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-260M19.2__lin	0.051978	0	0.155537	1.43521	6.90318	227.522	0.871016	0.49973	0	-10.1505	-2.72368	7.426828	0.401895	0.309048	0.405206
RP11-260O18.1__lin	0	0	1.90077	0	25.5815	250.796	0.570615	0	0	-7.18391	1.735994	8.919907	0.366646	0.613032	0.368352
RP11-261C10.1__lin	0.022975	0	0.150519	0.102042	2.25031	1.86354	0.232259	0	0.144438	-4.60288	-1.11852	3.484361	0.175085	0.439662	0.218093
RP11-261N11.8__an	0	0.074917	0.20969	0.148017	1.53614	4.55734	0.335282	0.104152	0.181844	-4.45485	-1.12627	3.328581	0.250557	0.424417	0.295775
RP11-262A12.1__lin	0	0	5.5391	4.22113	2.81407	14.2157	0	0	0	-1.9398	#DIV/0!	#DIV/0!	0.097471	0.42265	0.187136
RP11-262I2.2__lincF	0	0.118263	0.499941	1.53201	0.475471	4.07165	0.341286	0	0.054115	-3.29771	0.644768	3.942478	0.19215	0.77581	0.22187
RP11-263K4.3__linc	0	0	0.111985	0	0.149676	0.116181	0.073158	0.030581	0.030466	-1.24734	-0.26113	0.986214	0.406697	0.887192	0.536413
RP11-263K4.4__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-264B17.3__pri	2.1559	1.46204	2.05211	12.003	1.63889	11.3824	0.584986	3.04894	4.17554	-2.1419	-0.46186	1.680033	0.176343	0.599145	0.267881
RP11-264E18.1__lin	0	0	0	0	0	1.42767	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-265O12.1__lin	0	0.025908	0.241726	0.174652	18.0102	2.8081	0	0.023974	0.095497	-6.2935	1.163607	7.457104	0.341358	0.415063	0.337493
RP11-266E14.1__lin	0.135534	0.125623	0.13038	0.094424	5.45266	9.92119	0.069668	0.154541	0	-5.30402	0.804305	6.108325	0.21906	0.35123	0.217483
RP11-266L9.2__anti	0	0.093809	0.056903	0.090672	3.42662	3.61416	0.033448	0	0.037144	-5.56433	1.094213	6.658543	0.17334	0.544421	0.177077
RP11-266L9.4__pse	0.031263	0.036878	2.20063	0.536905	36.7152	7.73613	0.406692	0.170284	0.101714	-4.30956	1.741086	6.050651	0.335148	0.570289	0.314778
RP11-266N13.2__an	0	0	0	0	0	11.2564	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-266O8.1__linc	0	0	1.30799	0.086703	49.9894	106.205	0.234449	0	0	-6.90065	2.480005	9.380654	0.229999	0.53357	0.232473
RP11-267C16.1__lin	0.050614	0.010817	0.208018	7.27895	34.7353	44.9238	0.132254	0	0.029997	-8.33383	0.731784	9.065617	0.123289	0.684468	0.12429
RP11-267N12.3__an	9.81465	5.88936	5.85585	8.58101	4.15661	1161.52	6.02335	13.077	4.81853	-5.76726	-0.1498	5.617455	0.424133	0.833747	0.425844
RP11-268G13.1__lin	0	0.048518	0.205955	0.036445	0.175951	0.341339	0	0	0.029866	-1.12168	3.090922	4.212604	0.08806	0.290028	0.158879
RP11-268P4.5__linc	0	0	0.38884	0	2.53372	1.35117	0	0	0	-3.32063	#DIV/0!	#DIV/0!	0.255273	0.42265	0.21889
RP11-269F19.2__an	249.274	167.03	141.473	72.7829	59.3331	57.3809	131.219	184.19	163.188	1.557514	0.220877	-1.33664	0.047381	0.622991	0.039516
RP11-269F21.2__lin	0	0	0	0	2.80392	26.7727	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.365653	#DIV/0!	0.365653
RP11-269F21.3__lin	0	0	7.73285	0	16.5406	169.98	2.07963	0	0.903454	-4.59219	1.374196	5.966387	0.367071	0.615874	0.376294
RP11-26F2.1__pseu	0	0	0	0	5.97256	48.7652	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.356745	#DIV/0!	0.356745
RP11-26L16.1__lincI	0	0	0	0	146.559	5.46904	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.401522	#DIV/0!	0.401522
RP11-26L20.3__anti	0.038339	0.120558	2.2936	0.10191	9.53666	50.2345	2.33256	0	0.153097	-4.60958	-0.01938	4.590208	0.321451	0.993903	0.350724
RP11-271F18.1__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-271K11.1__ps	0.053064	0	0	0	1.7082	6.85911	1.04049	0	0	-7.33496	-4.29338	3.041579	0.304593	0.42265	0.391779
RP11-271M24.2__lin	0.047686	0	0	0.126298	0.406259	18.2292	0	0.026011	0.233113	-8.62002	-2.44201	6.178007	0.407446	0.489994	0.406546
RP11-272B17.1__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-272J7.4__lincI	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-273B19.1__lin	0	0	0.08641	0	0	0.080527	0.083909	0	0	0.101736	0.042385	-0.05935	0.42265	0.988008	0.983211

RP11-273B19.2__lin	0	0	0.047372	0	0.450871	0.134267	0.184848	0	0	-3.62668	-1.96425	1.662437	0.323822	0.584051	0.54277
RP11-275N1.1__linc	0	0	0	0	5.84425	26.6446	1.16051	0	0	#NUM!	#NUM!	4.807114	0.31236	0.42265	0.337522
RP11-277A4.4__anti	0.869266	1.92756	1.29787	4.2919	5.27307	337.008	1.37807	1.17117	2.58639	-6.40326	-0.32678	6.076474	0.41107	0.619241	0.410604
RP11-277B15.2__an	0	0	0.301099	0	1.7501	189.602	0.404492	0	0	-9.31178	-0.42587	8.885903	0.417337	0.88162	0.418578
RP11-277K23.1__lin	0	0	0	0	1.11089	2.10736	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.220036	#DIV/0!	0.220036
RP11-277P12.10__li	0	0	0.648618	0	2.45986	2.75289	0.410227	0	0.258327	-3.0066	-0.04368	2.962929	0.18597	0.979672	0.25621
RP11-277P12.20__a	0.807276	0.547063	2.85865	3.66299	1.05402	54.707	2.49893	0	0.342012	-3.81813	0.568475	4.386605	0.386165	0.742917	0.399344
RP11-277P12.9__lin	0.13353	0	0	0	0	0	0.129454	0	0	#DIV/0!	0.044724	#NUM!	0.42265	0.42265	0.42265
RP11-278H7.1__linc	0.091215	4.35804	0.719716	1.12457	107.647	197.997	0.654987	0	0.356862	-5.89113	2.352883	8.244013	0.218045	0.455671	0.215619
RP11-278H7.3__linc	0	0	0	0	0	0.92536	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-278H7.4__linc	5.23954	3.58332	22.4435	4.53608	4.35111	25.4183	2.48848	0.773845	2.79096	-0.13383	2.368821	2.502649	0.443287	0.273688	0.290799
RP11-279F6.1__linc	0.318489	0.522167	2.20063	11.632	3.65221	27.1604	1.0744	0.633143	1.46317	-3.80283	-0.06013	3.742702	0.175213	0.929629	0.188593
RP11-279F6.3__linc	0	0.177312	1.16654	0.262689	11.4052	10.1405	0.746802	0.234415	0.061509	-4.02044	0.366014	4.386451	0.178124	0.869766	0.203568
RP11-279O17.1__lin	0.024556	0	0.049116	0.162554	0.183001	3.04569	0.072065	0.026785	0.026671	-5.52455	-0.76875	4.755804	0.362664	0.492428	0.376584
RP11-279O17.2__lin	0	0.052781	0.044652	0.117675	1.32321	44.9238	0.610018	0.048604	0	-8.89441	-2.75698	6.137432	0.405033	0.470293	0.412868
RP11-27G24.1__linc	0	0	0	0	2.43421	398.421	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.419133	#DIV/0!	0.419133
RP11-27K13.3__anti	1.17344	21.8119	1.86472	55.3194	13.3457	32.9478	17.0535	2.06965	1.38735	-2.03176	0.276887	2.308649	0.296578	0.90113	0.079479
RP11-27M24.3__linc	0.58882	0	0.21702	0.845495	0	4.32391	0.976272	1.40856	1.17527	-2.68143	-2.14335	0.53808	0.387761	0.089828	0.730829
RP11-280K24.4__se	0	0.00564	0.858802	0.06693	2.99393	31.6405	0.169423	0.031427	0.098098	-5.32708	1.531871	6.85895	0.368316	0.581302	0.373063
RP11-280O1.2__ant	0	0.043223	0.880174	4.67049	5.48231	248.682	1.35716	0.155571	0.116081	-8.13087	-0.8188	7.312068	0.399347	0.739182	0.402771
RP11-281J9.2__anti	0.342034	0.055002	0.077811	0	2.12923	10.6844	0.161098	0.764476	0	-4.75407	-0.96289	3.791187	0.341177	0.646577	0.362857
RP11-282I1.1__lincF	0	2.20914	2.32885	3.00895	17.9124	337.008	1.11881	0.070243	0	-6.30148	1.932241	8.233719	0.391064	0.423543	0.389709
RP11-282I1.2__lincF	0	0	0.471324	2.0999	1.422	1.25071	0	0.102111	0	-3.33999	2.206581	5.546568	0.063993	0.557985	0.02925
RP11-283C24.1__lin	0.030571	0	0.020391	0	0.217328	45.5891	0.059865	0	0.044315	-9.81194	-1.03161	8.780329	0.42029	0.18763	0.420661
RP11-283G6.5__ant	2.87482	1.62571	1.05759	1.06989	14.7289	17.6396	0.905472	3.51468	2.32434	-2.58884	-0.27911	2.309724	0.241123	0.772329	0.188117
RP11-283I3.6__sens	0.803641	1.14366	0.44409	0.626863	4.94674	0.221512	0.571172	1.1622	1.56574	-1.27699	-0.46423	0.81276	0.484714	0.542549	0.641219
RP11-284M14.1__ar	8.98298	5.50998	6.14774	6.57372	25.2731	30.4684	2.97599	8.06875	6.10054	-1.59409	0.26768	1.861773	0.234478	0.690925	0.132018
RP11-284N8.3__linc	2.85824	0.189124	0.31206	0.401936	1.75245	20.7001	0.122195	2.64682	0.057134	-2.76619	0.249376	3.015568	0.453482	0.916486	0.440416
RP11-285A1.1__linc	0.033044	0	0.148828	0.153525	0.052934	3.11493	0.194288	0	0.017978	-4.19079	-0.22295	3.967839	0.389495	0.915494	0.420516
RP11-285A18.2__se	0	0	0	0	8.04428	24.3389	0.635858	0	0.634584	#NUM!	#NUM!	4.671842	0.270634	0.183504	0.282634
RP11-285B24.1__lin	0	0	0.100889	0	0	6.24162	0.049192	0	0	-5.95108	1.036279	6.987359	0.42265	0.734082	0.427218
RP11-285C1.2__linc	0	0	0	0	2.86999	95.6924	0.323634	0	0	#NUM!	#NUM!	8.25053	0.405601	0.42265	0.407556
RP11-285E9.6__linc	0.402074	0.164848	1.75928	1.32003	14.7752	5.45145	0.437714	0.086977	1.20399	-3.21142	0.428305	3.639722	0.264985	0.386	0.252916
RP11-285G1.9__linc	0.631422	3.14577	0.720503	2.28842	2.89128	44.9238	1.45692	0	0.054211	-3.47765	1.573557	5.051211	0.404759	0.480608	0.376148
RP11-286B14.1__lin	0.057008	0.076284	1.18713	0.057146	25.6035	183.916	0.442772	0.095094	0.120964	-7.31033	1.003021	8.313356	0.348322	0.663155	0.349964

RP11-286E11.1__an	8.92423	5.66349	5.71086	4.74869	546.349	53.9086	6.18271	7.49145	11.8817	-4.8975	-0.33228	4.565224	0.378127	0.566106	0.381039
RP11-287F9.2__linc	0	0.043276	0.924825	0.048376	2.2347	16.4196	0	0	0.119204	-4.27194	3.021725	7.293668	0.345707	0.392512	0.347887
RP11-288G11.3__lin	0	0	0.09566	0	0.135489	0	0	0	0	-0.50219	#DIV/0!	#DIV/0!	0.861353	0.42265	0.42265
RP11-288L9.1__lincl	0	0	0.373289	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
RP11-28G8.1__antis	0	2.01349	0.164522	0.024287	0.754137	6.16558	0.161223	0.029952	0.039787	-1.67276	3.23728	4.910036	0.551252	0.43624	0.371832
RP11-290F20.1__lin	0.342419	0.349835	1.01246	0.734458	8.37634	4.67471	0.940336	0.5971	0.412406	-3.01555	-0.19383	2.821723	0.210206	0.839622	0.229855
RP11-290F24.3__se	0	0	1.70549	2.23738	8.25355	162.996	1.19754	0	0.389321	-6.6685	0.104011	6.772507	0.385959	0.96151	0.39045
RP11-290F5.1__linc	2.27606	3.11941	1.2905	2.66446	125.674	380.591	1.79667	9.66255	1.15252	-6.25019	-0.91556	5.334626	0.272543	0.478638	0.27781
RP11-290H9.4__anti	1.21644	1.08805	1.96636	2.93594	3.17413	438.111	0	5.73872	0.614153	-6.70061	-0.57289	6.127725	0.417623	0.759285	0.422183
RP11-290K4.2__linc	0	0	2.61664	0	2.64843	43.8099	0.762239	0	0.238594	-4.15015	1.386514	5.536664	0.386796	0.62643	0.398858
RP11-290M5.2__linc	0	0	0.24437	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
RP11-291B21.2__lin	5.30215	0.045488	0.346587	0.101632	0.812935	0	0	0.209719	0.34597	2.638339	3.35715	0.718811	0.476195	0.440734	0.705172
RP11-292D4.1__linc	0	0	0.222788	0.097192	0	6.06947	0	0	5.07943	-4.79075	-4.51092	0.279823	0.413133	0.42265	0.369004
RP11-292E2.2__linc	0.234379	0	0.464638	0	0	0	0.224813	0	0	#DIV/0!	1.636602	#NUM!	0.224494	0.410888	0.42265
RP11-292F22.7__lin	0.027808	0	0.083405	0	0	0.079349	0.054368	0	0.030181	0.487041	0.395459	-0.09158	0.34536	0.741201	0.959041
RP11-293A21.1__an	0	0	0.513699	0	1.51011	0	0.624801	0.87504	0	-1.55566	-1.54581	0.009844	0.639345	0.522206	0.993345
RP11-293F5.1__linc	0.060542	0.023817	0.181014	0	0	25.7566	0	0.038254	0.130445	-6.60078	0.653571	7.254351	0.424556	0.303995	0.423512
RP11-293M10.2__ar	0	0	0	0	18.6658	106.237	0.474086	0.582764	0.52113	#NUM!	#NUM!	6.306583	0.33145	0.00356	0.33613
RP11-293M10.5__lin	0.201899	0	0.453184	0	0	1.29276	0	0	0	-0.9807	#DIV/0!	#DIV/0!	0.573644	0.237666	0.42265
RP11-293M10.6__ar	0.134937	0.016748	0.206325	0.02837	2.86996	0.12274	0.062763	0	0.178127	-3.07699	0.571625	3.648614	0.461733	0.147044	0.440855
RP11-293N14.1__lin	0	0	0	0	65.3479	4.90769	1.99197	0	0	#NUM!	#NUM!	5.140345	0.381033	0.42265	0.398861
RP11-293P20.2__an	0.116483	1.50388	0.224745	0.28735	12.8644	200.636	2.91295	0.348811	0.554391	-6.85633	-1.04841	5.807917	0.390409	0.626098	0.395345
RP11-294O2.2__linc	0.243716	11.4553	3.15913	2.19612	4.32052	2.30798	1.44302	3.67126	0.623217	0.751648	1.372761	0.621113	0.532164	0.363578	0.088919
RP11-295G12.1__lin	0	0	2.25824	0	2.46489	579.152	0	0	0	-8.00873	#DIV/0!	#DIV/0!	0.420188	0.42265	0.420198
RP11-295G20.2__ar	5.38918	2.25791	3.62923	5.30058	6.09575	1.32114	2.9368	2.52919	2.69954	-0.17352	0.465678	0.639193	0.814246	0.318835	0.415376
RP11-295H24.3__ps	294.081	224.062	250.295	137.674	1136.28	151.997	119.667	338.642	29.5824	-0.89192	0.655369	1.547292	0.592134	0.46675	0.329034
RP11-295M18.2__lin	0.102762	0	0.698178	0.406806	3.2071	3.41738	0.869431	0	0	-3.13402	-0.11838	3.015645	0.146736	0.961865	0.244578
RP11-296A18.3__lin	0	0.014819	0.163573	0.100221	1.49154	4.67471	0.643274	0.041219	0.082121	-5.13453	-2.10345	3.03108	0.259659	0.476675	0.34484
RP11-296I10.3__ant	0	0.0551	0.958787	0.158252	1.49752	12.4343	0.620391	0.091243	0.094318	-3.79671	0.331133	4.127843	0.347315	0.887239	0.3829
RP11-296I10.6__pse	0.26625	7.01533	0.914328	3.9994	3.65104	3.72164	4.02455	5.14084	4.85877	-0.47252	-0.77494	-0.30242	0.681438	0.415981	0.183089
RP11-296O14.3__ar	11.3248	0.919681	2.8887	3.99675	3.13613	14.2177	1.44971	4.90346	0.538281	-0.49656	1.134836	1.631396	0.737473	0.563641	0.404834
RP11-297A16.2__an	0.055052	0	2.05495	0.072165	1.94867	15.2456	5.25883	0.119389	0.059382	-3.03265	-1.36573	1.666928	0.343731	0.655365	0.577166
RP11-297D21.4__pr	0.270136	1.53389	0.044938	0	7.14957	0.649439	1.10532	0.642019	0	-2.07657	0.081558	2.158131	0.392482	0.952013	0.47322
RP11-297H3.4__linc	0	0	0.088428	0.253658	1.82697	38.9422	0.124903	0	0.300487	-8.85771	-2.26621	6.591497	0.392417	0.209518	0.394109
RP11-298D21.2__an	0	0	0.09981	0	3.23072	0.235534	0	0	0	-5.11805	#DIV/0!	#DIV/0!	0.398925	0.42265	0.382198

RP11-298E9.5__linc	0	0	0	0	2.16462	0	3.789	0.066721	0	#NUM!	#NUM!	-0.83289	0.42265	0.412574	0.774566
RP11-298E9.6__linc	0	0	0	0	1783.81	2.52705	0.084424	0	0	#NUM!	#NUM!	14.36898	0.421832	0.42265	0.42186
RP11-298I3.1__antis	8.45425	7.87619	9.14492	6.9561	16.5406	5.23896	4.6562	6.73686	6.05597	-0.17374	0.545956	0.719695	0.804361	0.07807	0.355009
RP11-298I3.4__antis	3.1192	2.76038	4.08531	0.636149	26.9193	9.31843	1.17253	1.26984	1.14612	-1.88767	1.473477	3.36115	0.374651	0.038177	0.286271
RP11-298J20.4__sei	0.097548	26.0919	0.484369	7.15084	76.5948	17.4371	5.32483	0	0	-1.92347	2.324617	4.248084	0.199479	0.53688	0.295666
RP11-298O21.2__lin	0.134172	0	0.269199	0	0.092591	0	1.81678	0.384099	0.144868	2.12317	-2.53987	-4.66304	0.429861	0.35191	0.295199
RP11-298O21.5__lin	0.233642	0.203741	0.229482	0	6.31962	6.83476	0.388654	6.60796	0	-4.302	-3.39119	0.910814	0.199362	0.429896	0.481136
RP11-299G20.2__ar	1.2097	0.579791	1.52295	4.52965	3.69569	2.80327	0.697687	0.705328	0	-1.73528	1.239364	2.974649	0.058095	0.31596	0.009582
RP11-299H21.1__lin	0.05987	0.169436	0.263776	0.095512	0.076862	1.47875	0.176181	0.144026	0.260863	-1.74355	-0.23688	1.506665	0.451529	0.573433	0.494605
RP11-299H22.6__lin	0	0	0.024952	0.09947	0.062272	0.159363	0.081513	0.027258	0	-3.68582	-2.12408	1.561745	0.041747	0.459286	0.253173
RP11-299J3.8__anti	2.5201	3.14863	0.983535	1.46786	8.6326	132.311	1.3773	2.2694	2.59061	-4.42008	0.092922	4.512997	0.403705	0.88904	0.394654
RP11-299L17.3__lin	0	0	0	0	0	3.21934	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-29G8.3__proc	2.29565	14.2145	1.91434	252.461	84.6638	370.709	374.117	4.06155	16.0494	-5.26371	-4.41933	0.844381	0.117783	0.417105	0.527887
RP11-2A4.3__lincRN	0.97129	2.32357	0.087398	44.7707	167.923	1.79829	0.256327	0	0.252963	-5.98679	2.731427	8.718221	0.288484	0.319284	0.288879
RP11-2A4.4__lincRN	0.018416	0.115808	0.043052	0.098121	0.131648	0.01769	0.024116	0.01344	0.026783	-0.48119	1.462213	1.943404	0.524017	0.371886	0.243524
RP11-2C15.1__lincR	0.19721	0	0	0	3.93527	4.42436	0	0	0	-5.40563	#DIV/0!	#DIV/0!	0.204567	0.42265	0.184897
RP11-2C7.1__lincRN	0.072229	0	1.01226	0	0	5.72342	0.212183	0	0.216989	-2.39986	1.337388	3.73725	0.431568	0.531453	0.445309
RP11-2E17.1__lincR	0.939848	0	1.06561	0	4.07352	73.2715	0	0	0	-5.2693	#DIV/0!	#DIV/0!	0.3986	0.185104	0.391492
RP11-2H8.2__lincRN	2.13017	3.17832	1.40568	53.5938	4.90933	4.30153	1.55029	1.11505	1.17997	-3.22559	0.804109	4.0297	0.372091	0.23142	0.348824
RP11-2O17.2__antis	0.054246	0	0.353007	0.063513	3.84615	1554.35	0.798511	0	0.139588	-11.9017	-1.20382	10.69791	0.421219	0.604158	0.421496
RP11-300A12.2__lin	0.120697	0	0.100634	0.133358	1.43265	1.50459	0.039395	0	0.043743	-3.79424	1.412631	5.206873	0.179917	0.195951	0.157916
RP11-300J18.1__linc	2.4188	0	1.43849	0	0	5.29314	0.629467	0	0.160767	-0.45654	2.287236	2.743772	0.817833	0.194631	0.497227
RP11-300J18.3__linc	10.7701	2.84683	3.50166	5.78119	3.79718	9.34685	0.645747	2.1545	0	-0.14475	2.611938	2.756684	0.865295	0.229941	0.137226
RP11-301H24.3__an	0	0	0	0	0	16.5429	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-301J7.8__proc	0.097289	0	0.444797	0	1.31046	0	0	0	0.192838	-1.27348	1.491132	2.764612	0.680228	0.253439	0.512855
RP11-301L8.2__anti	0	1.65376	0	0	0	22.8813	0	0	0	-3.79035	#DIV/0!	#DIV/0!	0.465772	0.42265	0.42265
RP11-302F12.3__lin	0	0	0.445503	0	6.1408	1.95497	0.101599	0	0	-4.18366	2.132549	6.31621	0.301524	0.565474	0.283905
RP11-302I18.3__linc	0	0	0	0	0	21.8928	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-303E16.3__an	10.4468	9.02616	8.45808	3.90345	2.48617	78.8555	3.81038	13.3306	8.82792	-1.60975	0.105084	1.714832	0.533957	0.856942	0.517048
RP11-303E16.7__lin	0	0.141185	0.059821	0	1.93552	0	0.058478	0	0.064923	-3.26741	0.703889	3.971296	0.442208	0.706965	0.460009
RP11-304C12.3__lin	0.122028	0.028785	0.268491	0	1.21648	1.64462	0	0	0.106037	-2.7705	1.983429	4.75393	0.226199	0.118631	0.189027
RP11-304F15.4__lin	0.083499	0.059082	1.24315	0.088668	0.6653	5.31251	0.130914	0	1.51967	-2.13021	-0.25233	1.877883	0.343157	0.466662	0.337956
RP11-304F15.7__lin	1.68428	1.20197	0.862008	2.35395	1.86828	3.9374	1.39656	1.08553	1.93521	-1.12228	-0.23694	0.885339	0.20835	0.654246	0.081873
RP11-304M2.3__ant	0.747151	0	2.34762	1.37165	1.10726	2.96915	0	0.824726	1.49503	-0.81591	0.41586	1.23177	0.039831	0.680822	0.111723
RP11-305A4.3__linc	0	0.016964	0.201619	0	0.199889	1.47073	0.239764	0	0.109631	-2.93413	-0.67668	2.257452	0.346189	0.706548	0.453746

RP11-305E6.4__sen	0.770854	3.42022	0.25295	1.37791	0.338117	6.68169	0.309851	0.187497	0.098314	-0.91813	2.8993	3.817431	0.680977	0.320345	0.324777
RP11-305P22.9__lin	0.017334	0.091973	1.86576	0.023069	134.877	17.5893	4.07609	0.028449	0.056687	-6.27066	-1.07511	5.195556	0.359616	0.715989	0.370517
RP11-307C19.1__lin	0	0	0.209273	0.072106	0.438178	3.9374	0.02279	0	0.050619	-4.4096	1.511353	5.92095	0.348233	0.510608	0.354378
RP11-307C19.3__an	0	0.020894	0.053191	0	2.38958	273.55	0.175009	0	0.038547	-11.8629	-1.52736	10.33552	0.417671	0.544702	0.417997
RP11-307O13.1__lin	0	0	0	0	0	0.025474	0.078272	0	0.014486	#NUM!	#NUM!	-1.86447	0.42265	0.32722	0.508513
RP11-308D13.3__lin	0	0	0.205104	1.62309	187.864	0	0	0	0.573327	-9.85153	-1.483	8.368526	0.418314	0.42265	0.419448
RP11-308K2.1__linc	0	0.068765	0	0	0	2.23714	0.113182	0	0	-5.02384	-0.7189	4.304939	0.44066	0.806361	0.452559
RP11-309H21.2__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-309M7.1__linc	0.026615	0.031392	0.9099	0	3.49589	0.25329	0.078075	0	0	-1.95363	3.631942	5.585576	0.544627	0.436618	0.395448
RP11-309N17.4__an	0.027919	0	0.558253	0.147691	5.61752	3.69213	0.163753	0.060867	0.151506	-4.01204	0.640107	4.652146	0.203911	0.720013	0.204253
RP11-309N24.1__lin	0	0	0.077019	0	0.94927	0	0	0	0	-3.62353	#DIV/0!	#DIV/0!	0.471231	0.42265	0.42265
RP11-30K9.5__antis	3.47905	21.6586	2.5007	5.82528	18.8841	10.2839	3.23224	1.44151	3.02565	-0.34041	1.843854	2.18426	0.505637	0.430827	0.173652
RP11-30K9.6__lincR	0.133804	0.15781	0.223078	0	0.191801	3.02225	0.233542	0.133848	0	-2.64261	0.486397	3.129009	0.443913	0.653629	0.457909
RP11-30O15.1__linc	0	0	0.499943	0.472313	0	3.12967	0.440833	0.065159	0	-2.84896	-0.01735	2.831606	0.32968	0.994786	0.429015
RP11-310E22.5__lin	0.241692	2.77997	1.14922	0	3.53625	5.83068	0.894869	0	1.86665	-1.16722	0.59489	1.762114	0.368209	0.723648	0.292062
RP11-310I9.1__antis	7.04307	0	1.51129	15.6085	6.31487	56.3324	0.272691	0.689938	0	-3.19347	3.151608	6.345073	0.279388	0.37126	0.239165
RP11-310P5.2__anti	0	0	0.465062	0	0	0	0.55337	0.201532	0	#DIV/0!	-0.69887	#NUM!	0.42265	0.777003	0.259936
RP11-312B8.1__anti	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-313A24.1__an	0	0	0	0	3.41708	27.1076	0.315251	0	0.063637	#NUM!	#NUM!	6.332063	0.354976	0.319825	0.361549
RP11-313E19.2__an	0	0.169821	0.284133	0	3.53368	79.538	0	0	0	-7.51567	#DIV/0!	#DIV/0!	0.398686	0.208221	0.397594
RP11-313F23.4__lin	2.52122	0	0.463305	0	10.078	2.83782	0	0	0	-2.11357	#DIV/0!	#DIV/0!	0.46194	0.32781	0.287774
RP11-313J2.1__pse	184.371	9.40676	0.115022	3.58388	23.3512	4.94495	0.043061	11.119	6.25829	2.604534	3.476414	0.871879	0.484322	0.447585	0.347887
RP11-314A5.3__pse	0	0	0.290745	0.432558	4.12307	0	0	0	0.053828	-3.96982	2.433323	6.403147	0.407507	0.42265	0.37311
RP11-314D7.1__pro	0	0	0	0	1.21303	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-314D7.2__linc	0	0.009254	0	0	1.17223	1.76103	3.4876	0	0	-8.30817	-8.5579	-0.24973	0.200064	0.424184	0.921539
RP11-314D7.3__linc	0	0	0	0	0	0	0.13934	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP11-314M24.1__lin	0.070118	0	0	0	6.70575	2.28889	0	0	0	-7.00314	#DIV/0!	#DIV/0!	0.272849	0.42265	0.2671
RP11-314O13.1__lin	0.052687	0.23536	0.129732	0.070077	14.6318	17.1771	0.491918	0.103371	0.04413	-6.25372	-0.61402	5.6397	0.18594	0.725725	0.197236
RP11-314P15.2__lin	0	0	0	0	19.4659	165.437	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.359138	#DIV/0!	0.359138
RP11-315A16.1__lin	0	0	1.04226	0.667219	0	1.93365	0.556679	0	0	-1.31928	0.904798	2.224076	0.19182	0.762738	0.39064
RP11-315A17.1__lin	0	0	0.242922	0	7.62861	2.80128	1.26229	0	0	-5.42409	-2.37748	3.046609	0.269038	0.542159	0.356416
RP11-315F22.1__lin	0	0	0.126683	0	3.01386	4.10026	0	0	0	-5.81139	#DIV/0!	#DIV/0!	0.191098	0.42265	0.192861
RP11-315I20.1__ant	5.17065	3.57181	4.15988	3.16285	8.68162	16.7206	0.849666	2.96376	1.35226	-1.14662	1.320601	2.46722	0.340328	0.139149	0.184196
RP11-315L6.1__linc	0.326562	0.576672	60.1345	2.75074	45.4449	6.07427	0	0	0.109453	0.169549	9.123246	8.953697	0.944415	0.413998	0.319001
RP11-316A16.1__lin	0	0	0.133742	0.176234	0	2.92854	0.130511	0	0	-4.53696	0.035281	4.572245	0.38746	0.990018	0.413707

RP11-316E14.6__an	0	36.4126	1.09627	0	1.26995	298.418	2.5716	1.82361	1.66603	-2.99816	2.629547	5.627704	0.49441	0.4766	0.428753
RP11-316I3.1__lincF	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-316I3.2__lincF	0	0	0	0	0	20.8468	0.083653	0	0	#NUM!	#NUM!	7.961193	0.42265	0.42265	0.424971
RP11-316M20.1__lin	0.0392	0	0.052329	0.138919	2.90074	2.25354	0.102512	0	0.071148	-5.85377	-0.92397	4.929802	0.17557	0.282083	0.185787
RP11-317J19.1__an	0.982094	0.104059	0.898115	8.45869	37.7506	73.2321	7.45973	2.55956	1.45409	-5.91155	-2.53161	3.37994	0.171853	0.211687	0.220289
RP11-317M11.1__se	0	0	0.168029	127.229	18.3935	21.9843	0.905472	0	0.056236	-9.96215	-2.51689	7.445266	0.258601	0.497745	0.257191
RP11-317N8.3__linc	0	0.360382	0.426038	0.0799	3.20262	4.81755	0.474227	0.132288	0.065785	-3.36456	0.226195	3.590757	0.192885	0.896685	0.243815
RP11-317O24.1__lin	0	0	0	0	1.04881	0.121712	0.041847	0	0	#NUM!	#NUM!	4.805898	0.359945	0.42265	0.383311
RP11-317O24.2__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-317P15.5__lin	0.020667	0.024374	0.12406	5.88704	0.242395	21.3265	0.101172	0	0.08987	-7.34309	-0.176	7.167086	0.28391	0.860485	0.284873
RP11-318A15.2__an	0	0.041867	0.907297	1.35013	2.08949	2.64538	0.086951	0.174492	1.08533	-2.68053	-0.50478	2.175751	0.013608	0.037176	0.013934
RP11-318C24.2__lin	0.598489	0	1.16643	26.8624	4.45671	302.91	0.594562	1.11725	0	-7.56509	0.044078	7.609169	0.366334	0.981017	0.368626
RP11-318C4.2__pse	0	0.027446	0.295351	0.292802	0.282694	3.6315	0.251386	0	0.152278	-3.70409	-0.32253	3.381564	0.332315	0.839309	0.370984
RP11-318I4.1__lincF	0	0	0	0	1.25599	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-318L16.6__lin	0	0	0	4.20928	0	16.7206	0.440455	0	0	#NUM!	#NUM!	5.570426	0.299172	0.42265	0.30983
RP11-319E12.1__lin	0	0	0	0.44307	7.51255	22.9028	0	0	0.033792	#NUM!	#NUM!	9.834758	0.260973	0.42265	0.260798
RP11-319E16.1__lin	0	0	0	0	2.9474	2.5178	1.12406	0	0	#NUM!	#NUM!	2.281555	0.186014	0.42265	0.379013
RP11-319G6.1__ant	45.1296	34.275	25.0341	17.8931	19.7037	337.008	21.7185	35.0194	34.5273	-1.84271	0.19452	2.037233	0.502454	0.699064	0.45992
RP11-319G9.3__sen	0.298966	0.310234	0.059872	2.51443	0.102352	2.18815	1.07397	0.235377	0.143291	-2.84428	-1.11844	1.725841	0.224509	0.422282	0.227307
RP11-31E13.2__linc	0	0	0	0	0	0.240154	0	0	0.207185	#NUM!	#NUM!	0.21304	0.42265	0.42265	0.42265
RP11-31F15.1__anti	22.3773	11.4025	22.0248	7.0482	10.0263	31.6405	15.4287	9.15575	18.4307	0.196018	0.375539	0.179521	0.774451	0.0928	0.789968
RP11-31F15.2__linc	3.70252	3.38957	3.55679	2.92965	2.97712	3.41756	2.54276	3.02222	5.41608	0.19163	-0.04432	-0.23595	0.13788	0.913686	0.530228
RP11-31I22.1__sens	0	0	0	0	0.189509	2.05675	0	0.065159	0	#NUM!	#NUM!	5.107425	0.372112	0.42265	0.388859
RP11-31I22.3__antis	0.062949	0	0.600588	0.249461	11.1676	17.4371	0	0	0.27306	-5.44246	1.280959	6.723418	0.19444	0.324057	0.194225
RP11-320H14.1__se	0.106533	0.125714	0	0	0	0	1.32234	0.057779	0	#DIV/0!	-2.57106	#NUM!	0.186274	0.455759	0.397997
RP11-320N7.2__linc	0	0	0.767996	0.457341	1.04529	2.04641	0.638244	0	0.405783	-2.20826	-0.44299	1.76527	0.062957	0.782839	0.259734
RP11-321A17.3__ps	525.217	359.412	152.869	131.379	103.47	56.3324	134.425	316.988	254.06	1.833118	0.556446	-1.27667	0.101411	0.527733	0.178107
RP11-321C24.1__lin	10.1377	23.0673	16.0773	6.81724	41.0231	39.0984	16.5481	12.3801	13.4095	-0.81893	0.219127	1.038056	0.260104	0.685401	0.351157
RP11-321E2.3__linc	0	0	9.0812	0	2.52561	12.7693	0.466858	0	0	-0.7521	4.281827	5.033924	0.197428	0.453053	0.342729
RP11-321E2.4__linc	0	0	0.378333	0	4.57227	12.1861	0.631669	0	0	-5.46908	-0.73951	4.729569	0.253125	0.801354	0.285489
RP11-321F8.4__linc	0	0	0	0	0	3.45905	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-321G12.1__lin	0.156865	0.267711	0.781628	3.17459	5.06763	438.263	0.539037	0.32365	0.056886	-8.53206	0.391438	8.923498	0.412382	0.798492	0.412972
RP11-322I2.1__lincF	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-323I1.1__lincF	0	0	0	1.80471	1.66509	1.39361	0.421167	0	0.373368	#NUM!	#NUM!	2.613786	0.005497	0.184977	0.018417
RP11-323I15.5__linc	3.90187	15.1639	3.07386	41.955	15.3908	211.062	3.16868	7.03292	1.35148	-3.59972	0.938354	4.538077	0.327551	0.267452	0.305184

RP11-324C10.1__lin	0	0	0	0	11.6094	265.443	1.43504	0	0	#NUM!	#NUM!	7.592924	0.397974	0.42265	0.401101
RP11-324E6.6__linc	0.710623	0	1.58393	0	21.0334	13.9309	0.781766	0.540131	0.435235	-3.9296	0.384991	4.314588	0.22697	0.755942	0.219066
RP11-324H6.5__pse	0.87303	0.130922	0.456621	0.260353	1.77102	31.0502	0.172833	0.239215	0.783729	-4.50142	0.288586	4.790008	0.404235	0.804097	0.39254
RP11-324I22.4__ant	1.1008	1.76502	1.00613	7.02148	2.54827	5.41259	1.7293	1.14443	0.998244	-1.95213	-8.9E-06	1.952122	0.135724	0.999984	0.087944
RP11-324J13.2__linc	0	0	0	4.01784	0	4.79977	0.37088	0	0.142067	#NUM!	#NUM!	4.103506	0.186695	0.254328	0.189484
RP11-324L3.1__linc	0	0	0.615319	2.06426	5.42277	9.83699	1.1013	0.08613	0	-4.8153	-0.94844	3.866859	0.11459	0.738778	0.170594
RP11-325B23.2__lin	0	0	2.13478	0.238169	24.3852	40.2585	0.887042	0	0.110429	-4.92566	1.097741	6.023397	0.19951	0.702907	0.214872
RP11-325I22.2__linc	0	0.048784	0.57331	0	2.0652	8.03212	0.786665	0.022577	0	-4.0207	-0.37944	3.641258	0.291985	0.889039	0.355861
RP11-325K4.2__sen	1.10644	0.890172	0	0.396175	0.901284	46.6298	0.587147	1.36462	0.651687	-4.58522	-0.38287	4.202348	0.431372	0.634617	0.4309
RP11-325N19.3__lin	0.054011	0	0.138999	0	0.113694	0.517711	0.15898	0	0.062295	-1.70989	-0.19716	1.512727	0.365776	0.87448	0.522204
RP11-326A19.4__lin	0	0	1.77646	0	4.41265	32.271	0.562259	0	0.751483	-4.36806	0.435323	4.803383	0.345918	0.771484	0.358478
RP11-326C3.11__an	108.866	33.1016	120.941	105.878	32.1756	47.6673	6.64972	91.4687	66.9541	0.501425	0.671461	0.170036	0.392363	0.563807	0.898275
RP11-326C3.2__anti	0.599799	0.272193	4.77048	4.51868	0.487146	1.90848	0.943466	10.1669	2.94222	-0.29326	-1.31644	-1.02318	0.848832	0.517724	0.602597
RP11-326I11.4__linc	0.086648	1.01986	0.155604	1.71121	1.35041	1.84346	1.09325	1.09759	0.044508	-1.95844	-0.82466	1.133777	0.110994	0.446784	0.196726
RP11-326N17.1__lin	0	0	0.65926	0.405462	13.2209	1.31204	0.833835	0	0.813061	-4.50203	-1.32083	3.181204	0.377487	0.327502	0.420283
RP11-327F22.2__an	0	0	0.296652	0.293685	2.21838	6.45102	0.513054	0.323152	0	-4.91715	-1.49509	3.422065	0.235929	0.538516	0.302528
RP11-328D5.1__linc	0	0	0.198091	0	2.29886	2.42362	0	0	0.071322	-4.57531	1.473738	6.049048	0.183611	0.42265	0.183557
RP11-328J6.1__anti	0	0	2.3268	0	1.44145	27.7382	0	0	2.89897	-3.64854	-0.31719	3.33135	0.390879	0.42265	0.390171
RP11-328K4.1__linc	4.02517	0.133937	1.42585	0	38.9007	756.999	1.34576	24.1422	0.403821	-7.1549	-2.21288	4.942021	0.396905	0.515109	0.412527
RP11-328N19.1__lin	0	0	0.20328	0.164961	0.157232	1.78368	0.06412	0	0.184299	-3.37288	-0.28931	3.083571	0.312062	0.610276	0.334016
RP11-329B9.1__linc	0	0	0.708783	0	3.04179	118.169	0	0	0.069218	-7.41796	3.356117	10.77407	0.407897	0.42265	0.407976
RP11-329N22.1__lin	0	0.101965	0	0.170588	0	0.244902	0	0.14089	0	-2.02674	-0.4665	1.560245	0.426073	0.42265	0.519635
RP11-32B5.7__lincR	1.37559	1.69746	1.48389	0.756915	4.16341	3.33367	0.88846	1.33415	1.14817	-0.85703	0.434983	1.29201	0.32111	0.013584	0.211926
RP11-330M19.1__lin	0.03358	0	0.218458	0.200576	0.089647	0.727481	0.13162	0	0.146153	-2.0136	-0.14026	1.873339	0.186146	0.878033	0.278657
RP11-331K15.1__lin	0	0	0	0	0	3.54543	0.04642	0	0	#NUM!	#NUM!	6.255086	0.42265	0.42265	0.430258
RP11-332E3.2__sen	0	0	0	0	0	3.97348	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-332H14.2__lin	0.481602	0	0.753221	0.731159	0.371118	0.364834	0.431294	0.49	0.534236	-0.24867	-0.23724	0.011433	0.773585	0.763616	0.981649
RP11-332H18.4__an	0.161161	0	0.181401	0	0.257807	0.538379	0.177532	0.065979	0.087611	-1.21674	0.049001	1.265742	0.441463	0.942981	0.484699
RP11-332H18.5__an	1.30302	0.783476	2.30478	1.07415	3.44399	12.7092	1.12345	1.1897	1.03476	-1.97199	0.391379	2.363367	0.310076	0.552275	0.326059
RP11-332J15.1__linc	0	0	0.204357	0	0	6.7358	0.066289	0	0	-5.04269	1.624246	6.666932	0.42265	0.628963	0.428359
RP11-332J15.2__linc	0	0	0.339768	0	0.428631	0.813311	1.58364	0	0	-1.86998	-2.22062	-0.35065	0.184513	0.55661	0.892265
RP11-333E1.1__anti	2.95219	2.01315	4.5328	1.17396	5.35723	17.4485	1.09333	25.0926	1.36582	-1.3361	-1.53643	-0.20033	0.378812	0.553985	0.918993
RP11-333E13.4__ps	0	0	0	0.84616	8.6326	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.369082	#DIV/0!	0.369082
RP11-333O1.1__linc	0	0.049229	0.458277	0	0	0.512728	0.081338	0.136088	0.225724	-0.01477	0.195629	0.210397	0.958929	0.857766	0.877485
RP11-334A14.8__an	0	0.038133	0.591898	0	0.166935	14.6577	0.486589	0	0	-4.55643	0.37272	4.929149	0.417387	0.892051	0.435588

RP11-334C17.5__an	0.198816	0	0.384376	0.531939	1.02366	21.9843	0.190839	0.226768	0.346789	-5.33499	-0.39035	4.944644	0.387145	0.545139	0.392772
RP11-334L9.1__pse	0	0	0	2.14195	1.69137	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.189086	#DIV/0!	0.189086
RP11-335E6.2__linc	0	0	0.533673	0	10.9934	17.6396	1.20227	0	0	-5.74558	-1.17173	4.573846	0.202162	0.706541	0.239316
RP11-335K5.2__anti	0.015325	0.036145	0.182584	0.322599	12.0927	0.205232	0.178687	0.066408	0	-5.75279	-0.0665	5.686286	0.407044	0.974177	0.406017
RP11-335O4.1__linc	0	0	0.598866	0	0.235623	17.7879	0	0	0	-4.9115	#DIV/0!	#DIV/0!	0.414791	0.42265	0.415053
RP11-335O4.3__ant	0.749044	4.02598	1.71348	2.66828	4.76789	119.846	1.98099	7.22059	1.15054	-4.294	-0.67397	3.620032	0.409733	0.357138	0.431368
RP11-336A10.4__lin	0	0	0.108514	0	0.970421	4.35511	0.317317	0	0	-5.61697	-1.54804	4.068929	0.30854	0.640527	0.353594
RP11-336K24.5__an	2.607	0	0	2.89605	12.136	22.8813	1.65397	9.30063	1.95259	-3.86224	-2.30771	1.554531	0.213032	0.377365	0.317591
RP11-337C18.10__p	14.683	6.33602	8.99218	9.48209	2.98377	18.3927	5.44065	10.5278	6.68438	-0.04017	0.40581	0.445979	0.95653	0.591802	0.673333
RP11-337C18.8__an	74.7583	48.9957	69.558	46.3641	18.0121	34.3314	27.0166	57.4736	35.9459	0.969698	0.682663	-0.28703	0.003965	0.286857	0.71475
RP11-337L12.1__lin	0.046913	0	0	0.06166	0.346628	0.221202	0	0.05095	0.101394	-3.74611	-1.69926	2.046848	0.182542	0.504274	0.152193
RP11-338C15.5__an	0.038286	0.030098	0.306668	0.118733	0.218386	0.366654	0.175227	0.055811	0.111191	-0.90802	0.132129	1.040149	0.110483	0.921057	0.322351
RP11-338K17.8__lin	0	0	0	0	0	6.9218	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-338L18.1__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-338O1.2__linc	0	1.64736	0.203609	0.52963	1.55781	0	0	0	0	-0.17345	#DIV/0!	#DIV/0!	0.762332	0.35619	0.267535
RP11-339A11.2__lin	0.015275	0	0.076451	0	0.709115	0.204563	0.0549	0	0.033252	-3.31629	0.057333	3.373624	0.341588	0.964802	0.348507
RP11-339D23.1__lin	0	0	0	0	0	0	0.372557	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP11-33A14.1__linc	0.057102	0	1.48635	0.075856	7.29561	12.1792	0.097972	0	0.031084	-3.66299	3.580099	7.243085	0.19685	0.439085	0.208703
RP11-33B1.1__pseu	15.7694	26.2032	33.6645	26.2274	147.139	91.5893	9.42896	68.0847	14.7892	-1.80859	-0.28728	1.521304	0.187334	0.792513	0.105919
RP11-33B1.4__lincR	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-33N16.3__pro	7.73931	9.10087	3.93072	131.305	109.92	274.468	2.80379	4.86813	4.71359	-4.63388	0.74591	5.379787	0.090116	0.260747	0.082538
RP11-340A13.2__lin	1.14929	1.57345	0.897863	0.163659	1.86945	3.24817	0	0	0	-0.54466	#DIV/0!	#DIV/0!	0.62631	0.02566	0.187175
RP11-340A13.3__lin	0	0	0	0	0	7.60451	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-340B18.1__lin	0	0	0.138694	0.055125	8.37634	11.8464	0.116349	0.02162	0.129191	-7.19186	-0.9458	6.246057	0.192304	0.375262	0.197188
RP11-341G5.1__linc	0	0	1.70993	3.13597	27.5969	579.152	0.627836	0.014647	0	-8.47846	1.412207	9.890663	0.392624	0.661677	0.393346
RP11-342C24.8__lin	0.016468	0	0	0	0	0	0.069705	0.04469	0.264119	#DIV/0!	-4.52264	#NUM!	0.42265	0.234645	0.210476
RP11-342M1.3__ant	1.9208	2.6083	0.874584	1.6815	7.68692	8.95763	1.41948	1.91204	1.69361	-1.76188	0.104782	1.866663	0.218698	0.815738	0.172805
RP11-342M3.5__ant	0.135298	0.059833	2.11527	0.134684	0.108353	2.63515	0.635291	0.110851	0.036803	-0.31702	1.561161	1.878178	0.372177	0.587593	0.542847
RP11-343D2.11__an	0	0	0	0	2.19237	9.31843	0.204879	0	0	#NUM!	#NUM!	5.812072	0.30577	0.42265	0.318283
RP11-343H19.2__pr	20.2777	1.26723	1.3631	0.553208	1.69141	2.56794	1.44374	9.09858	2.40193	2.250978	0.823542	-1.42744	0.471439	0.718337	0.370864
RP11-344E13.3__an	21.2548	12.266	10.4289	11.7051	16.186	73.1973	5.40122	19.4948	9.57241	-1.20169	0.350578	1.55227	0.481399	0.686212	0.399221
RP11-344G13.1__lin	0	0	0.102676	0.032258	0.164308	0.007752	0.063099	0	0.035227	-0.99272	0.062448	1.055166	0.69512	0.972811	0.638802
RP11-344L13.2__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-344N10.5__lin	0.595012	1.02692	0.252846	0.324628	0.303076	4.51128	0.419008	0.315165	1.16632	-1.45476	-0.01965	1.435109	0.564556	0.987325	0.441253
RP11-344P13.1__lin	0.935599	0	0.585812	0	0.841439	0.987199	0	0	0	-0.26536	#DIV/0!	#DIV/0!	0.865703	0.204263	0.186085

RP11-345F18.1__lin	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-345J4.8__psei	1.01817	10.458	1.97105	27.9477	30.9655	7.12042	11.11	10.0458	9.1277	-2.29589	-1.17122	1.124669	0.113256	0.214746	0.233527	
RP11-345M22.1__lin	0.183525	0.548907	1.0297	2.2109	34.1393	26.3811	4.66198	0.31367	0	-5.15379	-1.49756	3.656229	0.16452	0.596784	0.22393	
RP11-346D14.1__lin	0.037231	0.073789	0.205389	0.126033	4.33054	24.1827	0.132822	0.016486	0.008784	-6.50006	1.001027	7.501087	0.328517	0.595551	0.330358	
RP11-347C12.2__ps	9.77915	38.9296	8.1475	8.98211	96.7587	52.1068	15.9336	13.4548	32.6541	-1.47314	-0.12594	1.347204	0.197363	0.916549	0.355528	
RP11-347D21.3__lin	0	0	1.31235	0	600.983	1.17327	0.568769	0.421084	0	-8.84184	0.406866	9.248708	0.422783	0.875121	0.42207	
RP11-347K2.1__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
RP11-348J12.2__an	0	0	0	0	1.16498	4.03679	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.285202	#DIV/0!	0.285202	
RP11-348J24.2__linc	0	0	0.142839	0.039618	100.521	131.998	0.586125	0	0.032455	-10.669	-2.11457	8.55442	0.190689	0.539477	0.192777	
RP11-349A22.5__an	58.5485	45.8541	37.2222	36.9704	12.8176	86.8553	44.1748	35.0499	44.7112	0.051659	0.19248	0.140821	0.954641	0.475699	0.847757	
RP11-349I1.2__antis	0.065815	0.019404	1.07681	0.956953	5.56069	4.98686	0.226585	0.08988	0.068615	-3.30748	1.593414	4.900894	0.12704	0.561669	0.131605	
RP11-34C15.2__linc	0	0	0.458128	0	1.02241	3.69213	0	0	0.055092	-3.36329	3.055839	6.419133	0.275469	0.42265	0.28795	
RP11-34D15.2__anti	0	0	1.07675	0.110767	1.05846	3.08972	0.700753	0.091985	0.274241	-1.98381	0.013152	1.996965	0.193125	0.994725	0.392719	
RP11-34F13.2__linc	0	0.017857	0.242523	0.04022	0	2.09697	0.118745	0	1.33353	-3.03703	-2.47963	0.5574	0.415852	0.373047	0.484753	
RP11-34F13.3__proc	0.03195	0.113021	2.66515	0.169973	3.95446	16.5219	0.428333	0	0.092834	-2.87718	2.430815	5.307997	0.283886	0.492721	0.31248	
RP11-34P13.13__pri	0.13123	1.85802	1.69796	4.61993	1.10587	4.07688	1.00586	2.92251	3.32759	-1.41065	-0.97664	0.43401	0.312479	0.034465	0.642579	
RP11-34P13.7__linc	0.115136	0.308318	1.58251	2.14891	1.47403	11.4514	1.32959	0.15482	0.350233	-2.90973	0.128796	3.038524	0.256169	0.943054	0.318069	
RP11-34P13.9__linc	0	0	0.715778	0	0	0	0.007168	0	0	#DIV/0!	6.641888	#NUM!	0.42265	0.42846	0.42265	
RP11-350F4.2__linc	3.39305	2.6197	2.71505	38.3565	0.757321	0.590191	1.65227	4.60728	4.7221	-2.18559	-0.3314	1.85419	0.490153	0.607816	0.553458	
RP11-350G24.2__ps	30.1059	63.228	17.6688	9.71896	30.8364	10.8521	36.8206	18.456	17.2619	1.110545	0.613776	-0.49677	0.114937	0.509497	0.5997	
RP11-351N6.1__linc	0	0	0	0	2.63045	1.20509	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.234643	#DIV/0!	0.234643	
RP11-351O2.1__linc	0	0	0	0	0.35466	0	0.328276	0	0	#NUM!	#NUM!	0.111527	0.42265	0.42265	0.96848	
RP11-352B15.2__lin	0	0	0.023766	0	0	0.271712	0	0	0	-3.51511	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265	
RP11-352D13.5__lin	0	0	0	0	22.3989	16.125	0	0.131492	0	#NUM!	#NUM!	8.194635	0.19412	0.42265	0.193757	
RP11-352D13.6__pr	0	0	0.196637	0.08158	1.0788	0.211627	0.168544	0.067103	0.040107	-2.80268	-0.48784	2.314837	0.372819	0.809363	0.385401	
RP11-352M15.1__lin	0	0	1.36854	2.3848	122.616	45.5891	0	0	0	-6.96175	#DIV/0!	#DIV/0!	0.250583	0.42265	0.247239	
RP11-353N14.4__lin	0	0	0.54994	0.222856	1.80729	1.45332	0.679769	0.795175	0	-2.66318	-1.42331	1.239863	0.166806	0.548131	0.365985	
RP11-353N14.5__lin	0.054467	0.308256	0.206469	0.168598	0.363593	3.79721	0.142784	0	0.166373	-2.92718	0.880576	3.807756	0.395778	0.53542	0.363926	
RP11-353N4.1__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
RP11-353N4.5__linc	6.28095	10.8394	5.0078	8.03253	134.877	12.4692	2.45317	5.65136	2.15404	-2.81183	1.109053	3.920887	0.380947	0.028046	0.35429	
RP11-354E11.2__an	0	0	4.34375	0	1.79189	54.7378	2.18493	0.048634	0.048431	-3.702	0.928646	4.630642	0.402498	0.753005	0.428059	
RP11-354H21.1__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
RP11-354H21.2__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
RP11-354K1.1__linc	0	0	0.303558	0.082738	3.60986	41.0654	0.368392	0.279801	0.17158	-7.20403	-1.43325	5.770777	0.372804	0.380459	0.38173	
RP11-354O24.1__lin	0	0	0	0	0	0.120615	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265	

RP11-355F22.1__lin	0	0	0	0.352468	0.141549	0.395557	0.483137	0	0.338025	#NUM!	#NUM!	0.115448	0.063453	0.195961	0.803541
RP11-355I22.2__linc	0	0	0.018286	0	5.65124	0.087281	0	0	0	-8.29377	#DIV/0!	#DIV/0!	0.415645	0.42265	0.413803
RP11-355N15.1__an	0	0.063231	0.053684	0.071252	9.99438	106.237	0.131452	0.058617	0.102181	-9.95821	-1.32174	8.636467	0.371009	0.277906	0.371676
RP11-356J5.12__prc	1.35738	1.4388	2.55481	4.45374	66.5216	65.8776	3.23181	1.21035	0.47348	-4.67668	0.122427	4.799103	0.164379	0.91056	0.175943
RP11-356J5.4__anti	0.549433	0.899132	1.138	0	1.89353	4.04025	0.862693	0.53315	0.596318	-1.19791	0.376703	1.574617	0.379946	0.52659	0.401455
RP11-356O9.1__linc	0.566541	0	0	1.1186	0.755266	2.46044	0	2.6483	0	-2.93555	-2.22481	0.710734	0.173602	0.556202	0.705007
RP11-357F12.1__lin	0.041295	0	0.20616	0	1.08538	32.271	0.589102	0	0	-7.07466	-1.25135	5.823301	0.404192	0.663002	0.4142
RP11-357G3.2__pse	0	0.323953	0	0.33603	0	3.86713	0	0	0	-3.69762	#DIV/0!	#DIV/0!	0.42502	0.42265	0.374837
RP11-357K6.1__linc	0	0	0	0	0.474664	1.18408	0	0.196993	0	#NUM!	#NUM!	3.073875	0.24928	0.42265	0.306084
RP11-357K6.3__linc	0	0	0	0	12.0587	337.008	0.763668	0	0.225249	#NUM!	#NUM!	8.463438	0.402374	0.2829	0.40367
RP11-358H9.1__linc	0	0	1.02741	0.205291	0	0	0	0	0	2.32327	#DIV/0!	#DIV/0!	0.546968	0.42265	0.42265
RP11-359D24.1__lin	0	0	1.94071	0	9.99438	10.1756	0	0	0	-3.37755	#DIV/0!	#DIV/0!	0.18728	0.42265	0.183536
RP11-359E8.5__sen	0	0	0.147351	4.24931	0	2.02369	0.239524	0	0	-5.41183	-0.70091	4.710913	0.238635	0.810766	0.224442
RP11-359G22.2__lin	0.076994	0.193112	0.089937	0.119385	0	2.45734	0.42789	0	0.097827	-2.8393	-0.54612	2.293179	0.461282	0.76123	0.502374
RP11-359J14.2__linc	1.50376	1.33073	1.21928	0.802909	3.13665	6.37117	5.75599	2.09245	1.625	-1.34681	-1.22462	0.122186	0.343672	0.278843	0.930334
RP11-359K18.3__an	0	0.070216	0	0	0.15812	49.4162	0.261756	0.377949	0.096869	-9.46357	-3.39095	6.072618	0.421624	0.073965	0.428301
RP11-359M6.1__linc	0	0	1.76867	2.26321	1.15496	6.8234	0.95193	0.791937	0.731083	-2.5337	-0.48473	2.048966	0.135324	0.747592	0.281677
RP11-35D5.1__pseu	0	0	0	0	0	3.53938	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-35G9.3__antis	0.887827	0.065482	0	37.1816	1.94425	6.15376	0.215698	1.51015	0.478783	-5.56977	-1.20952	4.360252	0.305697	0.565769	0.335071
RP11-35J23.1__anti	0	0	0.031263	0.124418	0	9.67784	0.091838	0	0	-8.2925	-1.55463	6.737876	0.415252	0.639504	0.420709
RP11-35L17.3__lincl	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-360K13.1__lin	0	0	0	0	29.883	51.6337	0.592784	0	0	#NUM!	#NUM!	7.103445	0.211104	0.42265	0.216879
RP11-360P21.2__lin	0	0	0	0	2.38625	1.00474	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.243848	#DIV/0!	0.243848
RP11-361D14.2__lin	0	0.055657	0.01891	0.050243	2.27359	0.090543	0	0	0.051445	-5.01697	0.535495	5.55247	0.391398	0.792935	0.400198
RP11-361H10.3__se	0.585732	1.03123	2.01012	6.22019	3.03705	389.456	2.15305	1.50771	0	-6.7804	-0.01333	6.767065	0.411335	0.992502	0.41439
RP11-361I14.2__ant	0	0	0.149394	0	0.127032	0	0.058416	0	0	0.23393	1.354699	1.120769	0.934163	0.672546	0.716665
RP11-361L15.4__prc	8.79494	9.07438	7.91211	5.12349	192.227	7.16896	20.4902	22.2522	4.81476	-2.98783	-0.88333	2.104504	0.436684	0.297222	0.469065
RP11-362A1.1__linc	0	0	0.091193	0	1.86582	48.7652	0	0	0	-9.11688	#DIV/0!	#DIV/0!	0.400958	0.42265	0.400998
RP11-362F19.1__lin	0.051807	0.085524	117.225	0.027564	0.26245	22.8602	0.020334	0.022667	1.52075	2.341872	6.229815	3.887943	0.423585	0.422179	0.416004
RP11-363D14.1__an	0.659793	0	0.280903	0	1.08893	1.36105	0	0	0	-1.38097	#DIV/0!	#DIV/0!	0.478111	0.242629	0.188494
RP11-363G15.2__lin	14.3862	10.8942	7.01813	5.56723	3.10144	73.2715	4.57992	10.5766	10.9809	-1.3431	0.305352	1.648454	0.574076	0.663835	0.486531
RP11-363J20.1__linc	0.066402	0.019577	1.48066	3.62353	11.934	74.287	0.256872	0	0	-5.84169	2.608551	8.450237	0.309952	0.493503	0.313236
RP11-363J20.2__linc	0	0	0.509031	0	3.56233	2.93245	0.917571	0	0	-3.67346	-0.85007	2.823389	0.197894	0.775213	0.315534
RP11-363N22.2__an	0	0	0.878989	0	19.9524	0	0	0	0	-4.50457	#DIV/0!	#DIV/0!	0.448619	0.42265	0.42265
RP11-364B6.1__linc	0.078646	0.247366	0.235924	0	0.111568	0.224577	0.20509	0.123873	0.094878	0.741323	0.406884	-0.33444	0.171459	0.64741	0.791617

RP11-364L4.3__linc	0.058146	0	0.115929	0.456875	6.23623	53.1556	0.338849	0	3.16486	-8.42546	-4.3311	4.094365	0.354888	0.372151	0.35427
RP11-364P22.1__lin	0	0	1.36361	0	0.304994	0	0.112178	2.04795	0	2.160578	-0.66369	-2.82426	0.562591	0.813285	0.38676
RP11-364P22.2__lin	0	0	2.16832	0	0.044196	4.15246	0.244377	20.0266	0	-0.95266	-3.22477	-2.2721	0.409936	0.481186	0.545313
RP11-365O16.3__se	0.666541	0	2.42368	0	4.6941	2.47939	0.533799	0.204905	0.42062	-1.21497	1.414426	2.629391	0.502801	0.447538	0.301005
RP11-365O16.6__an	0	0	0	0	2.43173	9.52656	0.572921	0	0	#NUM!	#NUM!	4.383531	0.297792	0.42265	0.332567
RP11-366M4.13__lin	0	0	0.092398	0	37.5408	0.392994	0	0.050281	0.150095	-8.6814	-1.11677	7.564632	0.418045	0.185422	0.418921
RP11-366M4.3__pro	0	0	0.208652	1.49986	7.89755	30.3928	0.581565	0.107223	0.220298	-7.57517	-2.12332	5.451853	0.268401	0.3163	0.279947
RP11-366M4.8__pse	0.387579	1.29717	0.136188	0.232074	48.6409	16.0955	0.161856	10.627	0.36324	-5.15699	-2.61456	2.542425	0.270273	0.422907	0.244767
RP11-367J11.2__an	2.05685	1.75373	2.11207	3.11055	0.883446	3.58965	0.894796	2.2881	1.65135	-0.35665	0.292952	0.649601	0.523535	0.537771	0.513353
RP11-367J11.3__linc	0.370989	0.170492	0.279264	0.164261	8.56309	8.03212	2.59486	0.53799	0.060744	-4.3519	-1.96017	2.391724	0.194722	0.395052	0.323024
RP11-367N14.2__an	4.99779	4.33662	6.48942	2.58238	1.98835	4.22209	3.28457	5.23866	1.90125	0.847701	0.602123	-0.24558	0.000333	0.374029	0.767691
RP11-368I23.2__linc	0	0	0.850104	0	7.57256	24.3389	0	0	0	-5.23029	#DIV/0!	#DIV/0!	0.273347	0.42265	0.277195
RP11-368J21.3__psi	0.171958	0.085032	0.429245	0.376407	4.57227	3.42582	0.713643	0.04651	0.239838	-3.60923	-0.54321	3.066015	0.177948	0.685036	0.232156
RP11-369C8.1__linc	0	0	0	0	3.28109	0	0.138448	0	0	#NUM!	#NUM!	4.566759	0.42265	0.42265	0.447503
RP11-36D19.8__linc	0	0	0	0	28.1638	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-370I10.2__linc	0.030803	0	0.046249	0	16.4901	118.501	1.07309	0.050489	0	-10.7747	-3.86613	6.908619	0.348707	0.421548	0.353995
RP11-370I10.6__ant	4.25499	2.77499	2.45838	1.72013	50.0661	128.225	0.686878	3.85334	3.23048	-4.24578	0.288115	4.533899	0.267409	0.739483	0.25381
RP11-370P15.2__lin	0	0	0	0	4.90703	2.1385	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.240068	#DIV/0!	0.240068
RP11-371F15.3__an	0.100714	0	1.27259	0	8.3839	15.9446	0.990187	0	0.749982	-4.14692	-0.34158	3.805348	0.21573	0.794687	0.249735
RP11-371I1.2__lincF	0	0	0.181532	0	0.365488	2.21178	0.13818	0	0	-3.82755	0.393675	4.221222	0.329493	0.890289	0.373023
RP11-372E1.4__anti	0.57184	0.021272	0.259366	0.152324	0.560166	3.60898	0.135036	0.050188	0.124458	-2.34179	1.460873	3.802661	0.414126	0.315872	0.342302
RP11-372E1.6__anti	0.814838	0.157987	0.183247	0.094531	2.91765	273.55	0.209299	0.015555	0.719957	-7.90223	0.291133	8.193362	0.418374	0.851543	0.416784
RP11-372H2.1__linc	0	0.141368	0	0	3.84548	0	1.35915	0	3.13301	-4.76564	-4.98988	-0.22425	0.42265	0.265097	0.927404
RP11-372M18.1__lin	0	0	0	0	0	1.65924	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-373E16.3__se	0	0	0.037884	0.062909	1.14888	0.154183	0.157771	0	0.061839	-5.1722	-2.53529	2.636915	0.336968	0.342524	0.427702
RP11-375D13.2__lin	0	0	0	0	8.81394	15.2215	0	5.6559	0	#NUM!	#NUM!	2.087335	0.211057	0.42265	0.317402
RP11-375D13.4__lin	0	0	0	0	1.31844	4.82554	0.794182	0.118694	0	#NUM!	#NUM!	2.750683	0.290896	0.343652	0.400219
RP11-375H17.1__an	0	0	0.090312	0	2.33579	0	0.525945	0	0	-4.69284	-2.54192	2.150927	0.445387	0.528687	0.563577
RP11-375I20.6__linc	0.10895	0.183545	0.093477	0.124005	0.049885	0.104206	0.274596	0	0	0.472913	0.491184	0.01827	0.538421	0.756724	0.989355
RP11-378I13.1__ant	0	0	0.050173	0	0.231973	1.35024	0.114618	0	0	-4.9789	-1.19186	3.787038	0.330211	0.70262	0.383684
RP11-378J18.3__an	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-379B18.6__lin	0.396441	1.12143	0.457798	2.87238	2.43975	20.938	0.504068	0.423569	0.675557	-3.73191	0.301392	4.033304	0.322017	0.708972	0.30585
RP11-379F4.4__anti	6.34387	1.20246	5.22249	1.84825	10.4903	12.2107	2.17031	6.57279	2.63591	-0.94305	0.16625	1.109304	0.454241	0.889728	0.265345
RP11-379J13.2__linc	0	0	0	0	6.94635	4.32208	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.204783	#DIV/0!	0.204783
RP11-379J5.5__anti:	0	0	0.072109	0.023901	0.076908	7.26547	0.088236	0	0	-6.67462	-0.29118	6.383433	0.414595	0.918293	0.421706

RP11-379K17.4__an	0.056942	0.022379	0.223413	0.056911	3.19161	2.18353	0.115434	0.071491	0.056972	-4.16537	0.311786	4.477157	0.205289	0.8145	0.206805
RP11-379K22.2__an	0	0	0	0	1.94925	21.8751	0.15773	0	0	#NUM!	#NUM!	7.238836	0.373685	0.42265	0.377847
RP11-379P15.1__lin	0	0	0.628595	0.010419	0.209663	0.067608	0.158616	0	0.0512	1.127616	1.583008	0.455392	0.671404	0.596212	0.825242
RP11-37C7.1__proci	0.249901	1.4577	1.83156	1.25027	60.4742	373.023	0.319811	1.26872	1.39114	-6.94063	0.248254	7.188881	0.337622	0.333048	0.337581
RP11-37J13.1__psei	16.9169	3.08829	27.4673	37.5141	5.46847	3.02564	17.8971	4.46102	3.7247	0.0452	0.863992	0.818791	0.973624	0.481174	0.414716
RP11-380D11.2__lin	0	0	0.542189	0	3.1693	13.7417	0.048073	0	0	-4.96302	3.495512	8.458534	0.303811	0.475896	0.30964
RP11-380D15.3__lin	0	0	0	0	0	0	0.348407	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP11-380D23.2__lin	1.11208	0.094394	0	2.03057	110.574	0.929934	0.638321	0	0.633638	-6.55619	-0.07626	6.479935	0.413031	0.952549	0.413882
RP11-380J14.1__linc	0.018485	0.036326	0.1852	0.123111	51.1	10.7105	0.10893	0.033727	0.087371	-8.01148	0.061292	8.07277	0.316826	0.956747	0.317007
RP11-380P13.1__an	0	0.588059	1.29385	0.419737	72.569	17.7879	0.498504	1.64114	0.160377	-5.59205	-0.28945	5.302602	0.30501	0.851494	0.301066
RP11-381K7.1__linc	0	0	0	0	1.32355	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-382A20.4__an	11.2899	20.8869	1.53236	5.18563	12.8537	398.421	0.651878	7.56123	2.89927	-3.62697	1.600973	5.22794	0.443395	0.237321	0.408398
RP11-382A20.5__an	23.1271	20.4014	20.1253	7.62753	22.7722	989.714	9.95682	19.1603	14.8092	-4.00234	0.535161	4.537501	0.430542	0.201109	0.421896
RP11-382D12.1__lin	0	0	0	0	0	0.876068	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-383C5.3__linc	0	1.16833	1.11036	14.0705	9.38723	4.68024	0.159974	0	0	-3.62624	3.832295	7.458537	0.105006	0.244781	0.072835
RP11-383C5.4__linc	0.227507	0.30031	0.29516	1.34926	2.43707	5.88266	0.361241	0.710019	0.589467	-3.55444	-1.01289	2.54155	0.160875	0.073213	0.182363
RP11-383C6.2__linc	0	0	0	1.83678	0	2.04138	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.184637	#DIV/0!	0.184637
RP11-384B12.3__ps	47.009	41.0676	32.4687	13.351	9.30154	10.0536	36.2442	29.4242	31.7101	1.881942	0.3079	-1.57404	0.013799	0.157474	0.001379
RP11-384F7.1__linc	0.138644	0.223365	0.564451	8.00684	248.447	131.998	1.67923	0	0.10111	-8.71179	-0.94235	7.769439	0.203733	0.696471	0.206547
RP11-384F7.2__linc	0	0	0.689579	1.88565	26.9193	105.531	0	0	0	-7.60591	#DIV/0!	#DIV/0!	0.287255	0.42265	0.287971
RP11-384J4.1__lincf	0	20.2149	0	0.347133	17.8938	35.4981	0.987422	5.50119	0	-1.41055	1.639437	3.049989	0.455943	0.462604	0.274555
RP11-384J4.2__lincf	0	10.3278	0.249973	3.154	7.19383	44.6309	0.289531	9.94204	0.454982	-2.37784	-0.01476	2.363077	0.425266	0.880165	0.423453
RP11-384K6.2__pse	0	0	0.206874	0.93997	0	2.51755	0.145381	0.374412	0.335052	-4.06291	-2.04691	2.016003	0.247655	0.112659	0.361286
RP11-384K6.6__linc	2.20218	1.93813	3.18164	2.10074	9.34609	27.8542	1.48181	1.32755	1.52616	-2.42427	0.756023	3.18029	0.283288	0.095315	0.266688
RP11-384L8.1__sen	0.800066	1.36244	0.576581	0.212446	0.427304	7.02448	0.64297	0.54198	1.57041	-1.48445	-0.00855	1.4759	0.565329	0.992763	0.482088
RP11-384P14.1__lin	0	0	0	0	0	0.444568	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-385J1.2__anti	5.38006	10.7072	8.0182	16.0892	26.9193	67.1655	3.27374	5.41871	0.728986	-2.19235	1.355341	3.547693	0.201828	0.083344	0.180656
RP11-385N23.1__an	0	0	0	0	0.258242	0	0.142966	0	0	#NUM!	#NUM!	0.853052	0.42265	0.42265	0.774525
RP11-386B13.3__lin	0	0	0.027168	0.072114	41.2948	3.69898	0.588547	0	0.029548	-10.6959	-4.50787	6.188063	0.372781	0.420319	0.381054
RP11-386B13.4__lin	0	0.085875	0	0	1.43305	8.37941	0.142061	0	0	-6.83623	-0.7262	6.110032	0.338325	0.804583	0.343326
RP11-386G11.5__an	21.6867	0	0	0	6.2628	579.152	6.23472	0	0	-4.75458	1.798414	6.552991	0.438452	0.42265	0.422689
RP11-386I8.6__lincF	0	0	0.01386	0	0.044222	0	0.067759	0.045335	0	-1.67386	-3.02856	-1.3547	0.621742	0.307186	0.413242
RP11-386M24.3__lin	0.077433	0.149254	0.132559	0.091647	3.47933	10.391	0.149076	0.118458	0.093837	-5.28039	-0.00851	5.271878	0.271837	0.98591	0.275076
RP11-386M24.4__ps	3.05381	44.065	19.3191	30.1071	7.61475	94.2175	16.4439	42.4096	21.1915	-0.9898	-0.2688	0.720992	0.568198	0.423253	0.634787
RP11-387D10.2__an	50.9337	28.7534	25.0514	4.02179	19.4659	5.46626	14.3384	3.26676	35.6102	1.85496	0.976877	-0.87808	0.153321	0.350912	0.608101

RP11-387H17.4__lin	10.467	4.97609	4.17561	2.93801	3.44466	3.58183	10.6485	8.82732	8.48815	0.97736	-0.51134	-1.4887	0.276693	0.16709	0.020218
RP11-387H17.6__lin	0.041955	0.074221	0.086515	0.361475	2.53372	2.21958	2.18429	0.266637	0.421123	-4.65732	-3.82473	0.83259	0.13306	0.292018	0.621398
RP11-388M20.1__ar	0.121547	0.143399	0.404574	11.9191	1.88419	9.93209	0.786242	0.044057	0.131541	-5.14777	-0.52267	4.625099	0.127543	0.767348	0.120268
RP11-389C8.2__sen	0.726367	0.126373	0.310009	0.37994	2.03758	0.079856	0.151846	0.6621	0.415073	-1.10287	-0.07997	1.022906	0.606047	0.951723	0.489338
RP11-389C8.3__linc	0.35503	0.62833	0.354387	0.116753	0.421995	0	0.778136	0.337549	1.00769	1.312123	-0.66655	-1.97868	0.02736	0.4541	0.242835
RP11-389G6.3__sen	0	0	0.041171	0	0	0	0.060436	0	0	#DIV/0!	-0.55378	#NUM!	0.42265	0.847899	0.42265
RP11-38G5.2__lincR	0.934526	0.369978	0.608286	1.8995	1.95844	3.12117	0.865431	0.969974	0	-1.86736	0.05958	1.926945	0.064147	0.947878	0.135044
RP11-38J22.1__lincf	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-38J22.3__anti	0.017141	0.203321	1.5738	0.204738	3.36615	5.66848	0.446293	0	0.055947	-2.3644	1.836942	4.201346	0.169764	0.530969	0.229752
RP11-38L15.3__anti	0.281128	0.179032	0.806483	0.53643	1.90892	2.52348	0.660054	0.256307	0.215828	-1.9719	0.161895	2.133791	0.127805	0.890046	0.220334
RP11-38P22.2__linc	0.908293	0.259138	1.5692	4.22188	0.140911	8.23589	1.01054	1.64912	1.3237	-2.2028	-0.54158	1.661215	0.235283	0.491378	0.3598
RP11-390B4.5__anti	0.058614	0.248819	0.082169	0.327304	0.275939	0.022464	0.264489	0.102553	0.068107	-0.68349	-0.15951	0.523976	0.507134	0.896033	0.42089
RP11-392O1.4__ant	7.44931	11.1215	5.44254	19.0077	56.1082	138.109	1.28052	0	0	-3.15047	4.229035	7.379502	0.222827	0.051223	0.184886
RP11-392P7.6__anti	12.2426	17.1919	2.86719	15.8408	25.6035	9.29052	23.1456	9.17616	19.0545	-0.65137	-0.66949	-0.01813	0.04797	0.478039	0.981898
RP11-394A14.2__lin	0	0.112286	0.206655	0.229303	3.15011	3.31323	0.254333	0.069458	0.108741	-4.39121	-0.43952	3.951696	0.154262	0.762276	0.186926
RP11-395F4.1__linc	0	0	0	0	4.72369	4.03969	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.185979	#DIV/0!	0.185979
RP11-395I6.2__lincF	0	0	0	0	1.79641	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-395L14.5__ps	0	0	4.15817	0.276002	1.79536	177.814	0.961458	0.29753	0.359103	-5.43499	1.361656	6.796641	0.415795	0.626852	0.420032
RP11-396B14.2__lin	0	0.145748	1.23707	0.646126	15.1409	8.31578	0.724641	0	0.133004	-4.12352	0.689159	4.812677	0.209538	0.771792	0.220221
RP11-396C23.2__lin	0.311784	0	0.853094	1.73353	25.6035	14.222	3.21045	0.113887	0	-5.15691	-1.51289	3.644023	0.193545	0.587675	0.244689
RP11-396C23.4__an	1.00551	1.72509	0.512521	1.60467	0.934883	148.178	1.11238	2.40955	0.858072	-5.53832	-0.43355	5.104772	0.42341	0.152133	0.426532
RP11-396N11.1__lin	0	0	0	0	122.616	3.19967	0.208598	0	0	#NUM!	#NUM!	9.236371	0.407785	0.42265	0.408768
RP11-396O20.1__lin	0	0	1.93472	0	19.2967	79.6174	0	0	0	-5.67598	#DIV/0!	#DIV/0!	0.300492	0.42265	0.302901
RP11-396O20.2__lin	0	0	0	0.232716	2.95201	6.66859	0.460318	2.3223	0.127714	#NUM!	#NUM!	1.759426	0.220334	0.291297	0.390343
RP11-397A16.1__lin	0.106665	0.055042	0.042297	0.227205	11.7375	25.6659	0.058379	0.250099	4.06555	-7.52717	-4.42229	3.104872	0.232699	0.402333	0.215195
RP11-397C18.2__an	0	0	0	0	3.20262	2.28946	0	0	0.032988	#NUM!	#NUM!	7.379259	0.194561	0.42265	0.195497
RP11-397H6.1__linc	0	0	0	0	0	4.53351	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-398E10.1__lin	0	0	1.2306	0	12.3395	8.95763	0	0.429955	0	-4.11323	1.517104	5.63033	0.204254	0.645389	0.191552
RP11-398M15.1__lin	0	0	0	0	4.89989	36.5986	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.351142	#DIV/0!	0.351142
RP11-39H13.1__linc	0	0	1.28419	0	0	4.92032	0.367848	0	0	-1.93789	1.803677	3.74157	0.42265	0.603955	0.4673
RP11-3L23.2__lincR	0	0	61.3604	0	0.867585	9.15335	0	0	0	2.614291	#DIV/0!	#DIV/0!	0.432323	0.42265	0.370747
RP11-3P17.4__lincR	0	620.531	318.691	290.15	115.937	72.3438	453.311	0	730.872	0.973156	-0.33435	-1.30751	0.579088	0.837818	0.407989
RP11-400D2.2__linc	0	0	0	0	0.538923	9.52862	0.090595	0	0	#NUM!	#NUM!	6.796066	0.390969	0.42265	0.396477
RP11-400D2.3__linc	0	0	0	0	2.33256	97.6953	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.409033	#DIV/0!	0.409033
RP11-400F19.8__prc	3.68605	2.50412	4.35222	3.55456	4.10928	23.1152	2.85565	3.01819	7.04249	-1.54575	-0.29299	1.252752	0.379585	0.521116	0.360426

RP11-400N13.1__lin	0	0	1.6148	0.36965	248.447	572.914	0.972814	0	0	-8.99117	0.73112	9.722286	0.239958	0.803388	0.241167
RP11-400N13.2__lin	42.5523	0	0.900707	21.9134	17.1326	9.40152	0.667881	0	2.04687	-0.15697	4.000564	4.157531	0.89752	0.438659	0.065893
RP11-400N13.3__lin	1.93153	1.68905	1.23256	2.89634	211.733	6.47636	0.762428	1.58676	6.39678	-5.50967	-0.8497	4.659974	0.405775	0.575609	0.416599
RP11-400N9.1__anti	0.039236	0.030845	0.261891	0.208573	0.393362	0.363177	0.012826	0.064342	0.142429	-1.53963	0.596208	2.13584	0.114344	0.488523	0.026034
RP11-401I19.1__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-401P9.5__anti	0	0.060993	0	0.12108	13.8751	1.50687	0.335439	0	0	-7.98968	-2.45933	5.530358	0.358441	0.535251	0.372631
RP11-402J6.1__anti	0.01303	5.10091	0.143503	0.339071	3.03705	3.01373	0.089448	0	0.04257	-0.28142	5.315563	5.596984	0.815843	0.420053	0.151095
RP11-402L6.1__anti	0	0	0.050972	0.202988	0.06806	0.17064	0.287087	0.111317	0	-3.11526	-2.96646	0.148796	0.080274	0.357296	0.871908
RP11-403I13.4__linc	2.97023	4.72083	5.20619	4.1117	3.9888	86.9931	1.68703	1.50876	5.854	-2.88228	0.511107	3.393392	0.419839	0.368768	0.388309
RP11-404I7.2__lincF	0	0	0	0	3.93527	7.7354	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.223624	#DIV/0!	0.223624
RP11-404J23.1__linc	0	0	0	0	17.1882	6.0193	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.264272	#DIV/0!	0.264272
RP11-404K5.2__pse	0.057991	0	0.549088	14.9438	183.923	2.81508	0.310734	0.080215	0.182251	-8.37598	0.082846	8.458827	0.370913	0.956786	0.370482
RP11-404O13.5__lin	0.882132	0.083185	0.421006	0	5.05569	1.26677	0.341332	0.616452	0.07575	-2.18922	0.423677	2.6129	0.443435	0.755861	0.337462
RP11-404P21.3__an	0.073153	0	0.505493	1.66754	10.6731	4.59645	1.15705	0.265989	0.105945	-4.87136	-1.40182	3.469541	0.181647	0.537145	0.215951
RP11-405A12.2__lin	14.1841	110.521	9.36285	29.8589	170.785	173.315	7.20071	65.5674	121.263	-1.47992	-0.53332	0.946592	0.210275	0.713399	0.131104
RP11-405F3.4__anti	0.210036	0.156422	0.445135	0.132307	2.31944	8.02583	0.486589	0.944866	0.394761	-3.6904	-1.17003	2.520376	0.292121	0.300175	0.356495
RP11-406A9.2__linc	23.7649	6.27962	10.9278	19.3176	9.60711	899.74	13.9713	10.6408	27.4552	-4.50244	-0.34573	4.156708	0.423388	0.674838	0.419807
RP11-406H4.1__anti	0	0	0	0.041301	4.87809	51.6202	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.370433	#DIV/0!	0.370433
RP11-407A16.3__lin	0	0	0.755278	0	2.08125	4.13192	0.656268	0	0	-3.04025	0.202723	3.242973	0.205573	0.942869	0.313414
RP11-407A16.4__lin	0	0	0.420802	0	13.1251	10.1155	0	0	0	-5.78736	#DIV/0!	#DIV/0!	0.192575	0.42265	0.190265
RP11-407B7.1__pro	0.405999	0.039168	1.14732	18.146	7.68226	36.7853	0.876561	0.462811	2.89897	-5.29712	-1.41222	3.884903	0.130889	0.179852	0.129398
RP11-407N17.6__ps	1.72963	3.64253	4.10618	4.25103	3.16845	1.83346	2.59772	3.19531	2.26845	0.034723	0.23359	0.198867	0.962032	0.606921	0.597675
RP11-408H1.3__linc	0.138442	0.022091	0.694953	0.112176	2.78921	11.4067	1.88706	0.061489	0.091889	-4.06394	-1.25406	2.80988	0.297969	0.630221	0.398418
RP11-40H20.4__anti	0	0	0	0	0	0	0	0	0.460484	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP11-410C4.4__linc	0	0	0.337289	0	0	1.96098	0	0	0.482852	-2.53952	-0.5176	2.021922	0.42265	0.42265	0.42265
RP11-410C4.5__linc	0	0	0.091127	0.107592	24.4269	4.46334	0.09921	0.011059	0.033052	-8.31386	-0.65331	7.660548	0.327461	0.739068	0.328653
RP11-410D17.2__lin	20.9456	11.4237	14.4634	11.5287	47.9133	259.637	7.61145	16.0883	14.5078	-2.76833	0.293658	3.061984	0.366339	0.647492	0.344055
RP11-410N8.3__anti	0.067713	0.133103	0.812796	0.478442	1.69368	2.40504	1.39856	0.639337	0.123997	-2.17495	-1.09279	1.082158	0.092454	0.580864	0.478919
RP11-412D9.4__anti	0.211682	0.099862	0.042355	0.224456	0.157962	0.141365	0.124338	0	0.092039	-0.56564	0.709786	1.275421	0.150849	0.439551	0.082374
RP11-412H8.2__linc	0	0.126438	0	2.72652	0	0	0	0	0	-4.43056	#DIV/0!	#DIV/0!	0.450014	0.42265	0.42265
RP11-412H9.2__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-412P11.1__lin	0	0.056532	0.191756	0	1.40372	26.3811	0.09379	0	0.074428	-6.80614	0.561684	7.367822	0.393752	0.711961	0.394766
RP11-413E1.4__sen	1.97258	13.9262	2.30379	2.73985	100.521	75.3518	0.96291	22.9064	1.91302	-3.29462	-0.50224	2.79238	0.182536	0.516189	0.174328
RP11-413G15.1__lin	0.761149	0	0.11803	0	0.19972	4.46877	0.184228	0	0.127804	-2.40873	1.494463	3.90319	0.505181	0.432512	0.421721
RP11-413P11.1__lin	0	0	0.950561	0.516966	19.4659	13.5083	0	0	0	-5.13886	#DIV/0!	#DIV/0!	0.18918	0.42265	0.18411

RP11-414J4.2__proc	0.044844	0.070509	0.63189	0.116371	41.4548	66.378	0.087918	0.016336	0.081357	-7.17456	2.009296	9.183855	0.203299	0.41561	0.204197
RP11-415A20.1__lin	0	0	0	0	6.49381	2.53386	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.252276	#DIV/0!	0.252276
RP11-415C15.1__lin	0	0	0.574719	0	0	0.076627	0	0.089041	0	2.906924	2.690309	-0.21662	0.42265	0.517851	0.938989
RP11-415C15.2__lin	0.05527	0	0.04261	5.88704	3.85244	39.0984	0.161141	0.091927	0	-8.96278	-1.37045	7.592332	0.290758	0.388588	0.293332
RP11-415I12.3__ant	6.47283	3.53142	3.35669	3.73981	9.04391	107.032	1.67698	5.86458	6.25778	-3.16472	-0.04658	3.118146	0.408213	0.95831	0.393046
RP11-416I2.1__lincF	0.080981	0.061786	0.193225	0.069718	0.202345	1.33351	0.138694	0.097278	0.08653	-2.25659	0.059118	2.315706	0.362044	0.938378	0.408935
RP11-416O18.1__lin	0.013631	0.016072	0.616875	0.043147	11.9852	36.5986	0.151152	0.039805	0.088203	-6.23279	1.21173	7.444519	0.269481	0.612041	0.273367
RP11-416O18.2__lin	0	0	0	0	3.66705	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-417F21.1__an	22.5206	0	0	4.26268	1.06627	18.6112	0	0	0	-0.08819	#DIV/0!	#DIV/0!	0.968591	0.42265	0.277208
RP11-417F21.2__an	0.139564	0.117249	0	0	0	12.2107	0.274914	0.132575	0.47577	-5.57128	-1.78212	3.789166	0.434855	0.269167	0.442886
RP11-417J8.1__lincI	0	0.020056	0.613772	0	1.09512	0	0.783057	0	0	-0.78892	-0.30503	0.4839	0.784862	0.913422	0.866172
RP11-417J8.6__lincI	0.590528	0.160799	2.61008	0	29.2622	60.0218	2.10951	2.53342	2.75091	-4.73126	-1.13726	3.594006	0.229325	0.174634	0.252339
RP11-417L19.2__lin	0	0	1.51636	1.74799	0.919268	2.89979	0.798569	0	0	-1.8763	0.925123	2.801424	0.030125	0.758186	0.136079
RP11-417L19.4__lin	0	0	0	0	1.42817	11.4301	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.355522	#DIV/0!	0.355522
RP11-418B12.1__lin	0.046138	0	0.276282	0.060657	0	0	0	0	0	2.410206	#DIV/0!	#DIV/0!	0.453742	0.335437	0.42265
RP11-418I22.2__linc	0.265085	0.632204	0.298893	0.238606	2.97534	6.38932	0.668793	0.056176	0.442966	-3.00509	0.034478	3.039566	0.256193	0.977286	0.266346
RP11-418J17.1__an	8.30793	15.9313	5.76731	12.104	13.7213	73.0158	6.45815	7.97293	14.8399	-1.71983	0.035806	1.75564	0.410289	0.965217	0.316099
RP11-418J17.3__linc	0.762882	1.35651	1.59067	6.79034	5.84425	12.7092	1.87814	0.135566	0.975067	-2.77212	0.31189	3.084007	0.06927	0.763992	0.074329
RP11-419C19.2__lin	0	0	0.491953	0	2.74046	4.35874	0	0.463492	0	-3.85106	0.085976	3.93704	0.195114	0.975689	0.220942
RP11-419L4.1__lincI	0	0	0	0	0.067884	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-420A23.1__lin	1.09992	2.50993	0.740661	9.21787	8.3839	497.364	2.30628	1.60597	3.68387	-6.88715	-0.80408	6.08307	0.406504	0.433333	0.406754
RP11-420N3.2__pro	4.18224	11.0484	3.75132	3.57045	273.257	1161.52	2.19624	2.84787	4.53001	-6.24364	0.987417	7.231057	0.309681	0.358983	0.305737
RP11-421E14.2__se	0.991347	2.33805	0.716791	3.4333	2.18339	3.84025	1.49856	1.39969	1.52917	-1.22481	-0.1299	1.094907	0.212678	0.835841	0.067575
RP11-421L10.1__lin	0.044958	0.007573	0.135123	0.068432	0.096403	4.75973	0.044152	0.028122	0.049034	-4.71386	0.629401	5.343257	0.408746	0.567234	0.411375
RP11-421L21.3__an	6.25107	2.87188	4.0407	9.50647	7.45875	9.84922	5.48519	6.85798	9.0532	-1.02645	-0.70081	0.325644	0.025261	0.26306	0.24498
RP11-421N8.1__pse	45.9976	17.7949	23.9887	28.3921	6.79494	7.1459	32.2559	25.5318	48.7794	1.052131	-0.27978	-1.33191	0.018444	0.630855	0.1906
RP11-422J15.1__linc	0	0	0.76041	0	4.79589	605.201	0	0	0	-9.64781	#DIV/0!	#DIV/0!	0.418087	0.42265	0.418093
RP11-422J8.1__anti	3.1911	2.25411	3.50166	4.45983	2.18905	3.77193	3.08911	2.80592	13.2336	-0.22001	-1.09628	-0.87627	0.34481	0.396966	0.47523
RP11-422P22.1__lin	0	0	0.702547	2.64941	1.71419	12.3051	0	0	1.09696	-4.5684	-0.64284	3.925559	0.233363	0.42265	0.227891
RP11-423G4.7__linc	0	0	2.07016	0.157328	0	3.55356	0	0	0	-0.84202	#DIV/0!	#DIV/0!	0.364978	0.42265	0.397679
RP11-423J7.1__lincI	0	0	0	0	0	0	0.373924	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP11-424I19.2__linc	0.187106	0.044147	0.328071	0	0.454445	944.727	0.847258	0	0.121579	-10.7227	-0.79257	9.930122	0.422513	0.658877	0.42289
RP11-425A23.1__an	0	0	0	0	0.620785	0	0.191473	0	0	#NUM!	#NUM!	1.696953	0.42265	0.42265	0.618462
RP11-425I13.3__ant	0.546773	0.107315	0	3.42122	29.883	15.6548	0.311107	0.165744	3.24992	-6.22595	-2.51037	3.715577	0.173977	0.455653	0.192797
RP11-426C22.5__lin	2.66765	4.35804	0.996312	7.45908	8.58605	73.0158	0.499588	15.6434	4.15233	-3.47276	-1.33911	2.133646	0.352887	0.405398	0.429351

RP11-426L16.8__lin	0.959932	0.527923	2.1867	42.6697	1333.84	12.245	4.09794	0.195037	3.69596	-8.56201	-1.12043	7.441573	0.400543	0.287898	0.402513
RP11-426L16.9__an	0	0.033244	0.112888	0	0.999912	0.323772	0.05528	0	0.107425	-3.17922	-0.15499	3.024233	0.312859	0.852194	0.345764
RP11-427M20.1__lin	0.235033	0.208032	1.37201	0	29.883	56.926	0	0.063668	0	-5.57974	4.833324	10.41307	0.220885	0.277454	0.220667
RP11-428C19.4__an	1.43023	0.780861	2.04177	5.63422	2.68036	20.5245	2.70471	1.93297	2.45415	-2.76152	-0.73772	2.023795	0.254853	0.072308	0.314698
RP11-428C19.5__lin	0	0	0.19678	0	0	0	0	0	0.209134	#DIV/0!	-0.08784	#NUM!	0.42265	0.42265	0.42265
RP11-428C6.2__linc	0	0	0.120285	0	0.575294	0.2001	0.264558	0	0.097906	-2.68847	-1.59138	1.097093	0.348787	0.473369	0.628306
RP11-428G2.1__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-428L9.1__lincl	0	0	0.836867	0	0.824226	0	0	0	0	0.021958	#DIV/0!	#DIV/0!	0.993787	0.42265	0.42265
RP11-428L9.2__lincl	0	0	0	0.20612	0.5516	5.76915	0.203699	0	0	#NUM!	#NUM!	5.001881	0.350197	0.42265	0.370079
RP11-429A20.3__lin	0	0	0.241873	0	1.0085	0.227462	0.647867	0	0.32681	-2.35331	-2.01067	0.342638	0.430958	0.352499	0.87458
RP11-429A20.4__lin	0	0	0.144313	0.126673	0	0	0	0	0	0.188092	#DIV/0!	#DIV/0!	0.946962	0.42265	0.42265
RP11-429B14.1__se	1.20244	1.004	2.78288	1.64825	33.3774	126.118	1.59502	1.20533	1.13467	-5.01336	0.342472	5.355833	0.292973	0.64325	0.296714
RP11-429D19.1__se	0.797086	0.470673	0.395709	0	0.618485	0.550748	0.479613	0.107113	0.638396	0.508632	0.441269	-0.06736	0.654279	0.531545	0.954331
RP11-429H9.4__anti	0	0.044985	0.076336	0.301933	3.15441	0.236762	0.149434	0	0.103706	-4.92793	-1.06111	3.866827	0.340773	0.519656	0.371677
RP11-42A4.1__lincR	0	0	0.09981	0	0	17.0612	0	0	0	-7.41732	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
RP11-430B1.2__linc	0	0	0	0	51.0743	10.2194	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.320595	#DIV/0!	0.320595
RP11-430H10.1__lin	0.04288	0	0.128425	0	11.5053	4.54525	0.447015	0	0.158268	-6.54992	-1.82105	4.728869	0.256098	0.381699	0.276274
RP11-430H10.4__lin	0	0.107385	0.86947	7.41132	8.04428	118.797	1.31184	0	0.037205	-7.10259	-0.46572	6.636868	0.350257	0.862013	0.356212
RP11-430L16.1__lin	0	0	1.23064	0	4.46657	118.169	0.593081	0	0	-6.63882	1.053108	7.691933	0.401034	0.73055	0.404158
RP11-431K24.1__lin	38.3548	13.993	40.3666	5.30631	6.98811	37.9507	12.6841	7.65541	9.54654	0.88381	1.633321	0.749511	0.276044	0.106733	0.599571
RP11-431K24.3__lin	0	0	0	0	1.18261	7.48706	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.339642	#DIV/0!	0.339642
RP11-431K24.4__lin	0	0	0.499946	0	19.4976	0	0	0	0.089799	-5.28538	2.477001	7.762381	0.437639	0.42265	0.425315
RP11-431M7.2__ant	3.80724	0.031418	0.954245	0.186302	19.2617	8.61012	1.75508	1.16544	5.92966	-2.54945	-0.88481	1.66464	0.360754	0.574111	0.396013
RP11-431M7.3__ant	0	0	0	0	2.51265	3.86577	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.201278	#DIV/0!	0.201278
RP11-432I5.1__antis	39.6042	0.11341	2.19389	0.028426	4.47421	10.1344	0.262325	0	0.046576	1.517723	7.084056	5.566334	0.612139	0.390383	0.250557
RP11-432J24.3__an	0.128505	0.037896	0.16053	0	0	2.03851	0.062753	0	0.034834	-2.64046	1.74422	4.384675	0.475141	0.098193	0.441006
RP11-432J24.5__linc	0.225087	0	0	0.073736	0	0	0	0	0	1.610046	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
RP11-432M24.4__ps	0	1.0242	0	0.736127	0	5.15271	0.826529	0	0.305454	-2.52349	-0.14435	2.37913	0.470559	0.953942	0.433516
RP11-433J20.1__linc	0.09121	0.107556	0.156549	0.155848	4.02054	6.97073	0.167279	0	0.02838	-4.97143	0.860757	5.832187	0.207098	0.49849	0.211867
RP11-433J8.2__lincl	0	0	2.14641	0	2.62206	27.1076	0.871016	0	0	-3.79191	1.301155	5.09306	0.365493	0.682116	0.388523
RP11-434B12.1__lin	0.456677	0.210334	0.118964	0.157661	1.56774	2.10271	0.232862	0.918033	0.691904	-2.28408	-1.22934	1.054734	0.274893	0.349271	0.262899
RP11-434C1.1__linc	0.350711	0.074641	0.146194	2.61782	1.69137	3.94986	0.16314	0.181848	0.183713	-3.85303	0.112419	3.965452	0.058461	0.887191	0.05884
RP11-434D2.12__lin	0	0	0	0.061205	0	0	0.055312	0	0.033495	#NUM!	#NUM!	-0.53704	0.42265	0.20708	0.531411
RP11-434D9.1__linc	93.3523	1.59828	1.05107	29.2141	76.8907	145.198	0.776913	5.13626	0.064459	-1.3883	4.005413	5.393709	0.487103	0.439003	0.138352
RP11-434E6.2__linc	0	0.019765	0.033549	0.155724	1.93872	1.98823	0.032846	0	0.091182	-6.25887	-1.2181	5.040777	0.152085	0.410167	0.15826

RP11-435B5.4__linc	6.95307	1.28156	1.03535	2.85381	5.93609	11.9185	2.61792	1.59757	1.90909	-1.15958	0.597955	1.757533	0.472797	0.590401	0.228359
RP11-435B5.6__linc	0	0	1.57895	0	0	12.7693	0	0	0	-3.01564	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
RP11-435B5.7__linc	0	0	0.051607	0.089242	0.41811	6.47636	0.407049	0	0	-7.08029	-2.97957	4.10072	0.378432	0.499851	0.415626
RP11-435M3.2__ant	0	0	1.16643	0	0.09	6.32926	0.103121	0	0	-2.46031	3.49969	5.959997	0.412674	0.475737	0.423981
RP11-436A7.1__linc	0	0	0	0	0.197402	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-436D10.3__an	5.99834	3.44897	3.64114	2.39873	1.21198	46.9181	1.92985	4.25105	4.51601	-1.94881	0.2911	2.239912	0.502893	0.674203	0.459066
RP11-436K8.1__linc	10.7166	2.13782	0.468171	24.847	9.54552	33.9462	1.45692	29.2696	0.581369	-2.35883	-1.23265	1.126177	0.1435	0.637798	0.527725
RP11-438D8.2__anti	3.1211	1.20041	3.74691	1.94982	10.9278	337.008	1.05734	9.50205	2.03027	-5.43845	-0.64188	4.796572	0.408083	0.700816	0.418661
RP11-438F14.3__an	0	0	0.156114	0.068728	0.349814	0.471911	0.135574	0	0	-2.51194	0.203519	2.715459	0.109786	0.942646	0.262827
RP11-438L7.3__pse	39.522	67.1719	47.4834	20.7201	4.80393	92.9485	48.7999	26.9511	56.1383	0.380038	0.225263	-0.15477	0.740499	0.694888	0.849068
RP11-438N16.1__lin	0.061772	0.707443	2.96131	0.208697	23.1569	13.6546	2.57897	4.48332	5.48107	-3.31086	-1.74947	1.561389	0.227083	0.019756	0.311367
RP11-439A17.10__a	3.29866	0.224479	1.05388	0.408909	1.56672	0.413825	0	0.44597	0.738312	0.937727	1.950396	1.012668	0.611377	0.410199	0.437212
RP11-439A17.9__an	0	0.133901	0.158353	3.82043	0.24384	2.31391	0.379267	0.010764	0.072143	-4.44785	-0.66121	3.786638	0.199238	0.759533	0.169673
RP11-439C8.1__linc	0	0	0.266574	0	0.760519	0	0	0	0	-1.51245	#DIV/0!	#DIV/0!	0.646129	0.42265	0.42265
RP11-439C8.2__linc	0	0.262139	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
RP11-439E19.8__ps	0.505228	0.994059	44.9819	1.01701	13.7645	505.513	2.74882	0.305127	0.187573	-3.48461	3.841905	7.326514	0.406227	0.443451	0.409464
RP11-43F13.1__pse	63.3318	28.6667	18.7545	13.6652	9.11732	29.2066	20.4573	45.0478	37.7967	1.091064	0.10048	-0.99058	0.376213	0.913425	0.211299
RP11-43N5.1__lincR	0.037799	0	0.41644	0.184409	1.77565	4.41421	0.122886	1.18263	0.030898	-3.81074	-1.55684	2.253892	0.219084	0.591493	0.34249
RP11-440I14.2__linc	1.07004	1.18103	0.771246	0.138817	0.998499	36.5986	6.18174	2.17069	1.08077	-3.64221	-1.64209	2.000119	0.440794	0.290365	0.54669
RP11-440L14.1__an	1.71208	3.80644	2.30538	5.37512	17.9124	4.26956	2.4128	2.02146	2.83291	-1.81646	0.106494	1.922957	0.225263	0.838383	0.278156
RP11-440L14.3__lin	0	0	0	0	2.10673	54.9303	0	0.053441	0.106343	#NUM!	#NUM!	8.479631	0.400947	0.224882	0.401446
RP11-442J17.3__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-442N1.2__linc	0	0.023722	0.030223	0	0.129236	0.212193	0.08884	0.03301	0.010962	-2.66203	-1.29983	1.3622	0.210932	0.50169	0.498345
RP11-442O18.1__lin	0	0	0	0	1.10273	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-442O18.2__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-443A13.5__an	0.011728	0.027658	0.629142	0.046777	10.781	13.9801	0.103539	0	0.038326	-5.21367	2.236465	7.450132	0.187025	0.491988	0.191959
RP11-443B20.1__an	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-443B7.2__linc	0	0	0	0	1.96831	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-443N24.1__ps	6.69063	5.47175	6.19968	3.13615	3.77468	34.1909	3.40842	7.92415	5.1092	-1.16247	0.159362	1.321834	0.535545	0.73851	0.515363
RP11-443N24.2__lin	0	0	0	0.116936	3.54535	39.5717	0	0.482973	0	#NUM!	#NUM!	6.48408	0.371736	0.42265	0.378126
RP11-443N24.3__lin	0	0	0	0	0	0	0.116703	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP11-443N24.4__lin	0	0	0	0	22.2062	10.3263	0.23655	0	0	#NUM!	#NUM!	7.103593	0.23304	0.42265	0.238653
RP11-443P15.2__ps	0.100491	0.402991	6.62247	0.510993	16.5406	9.93209	1.64784	0.407228	1.1725	-1.92093	1.142635	3.063568	0.304258	0.602721	0.25431
RP11-444D3.1__linc	0	1.44395	1.15204	3.12973	60.4742	62.5282	0.625794	1.39693	0	-5.60251	0.359985	5.962493	0.163004	0.747709	0.167379
RP11-444P10.1__lin	0	0	0.138141	0	0	0.348197	0.224635	0	0	-1.33376	-0.70144	0.632321	0.42265	0.810637	0.827838

RP11-445F12.1__an	0.063553	0.024984	0.190739	2.09471	10.4903	91.8143	6.20086	0.12571	0.390729	-8.5462	-4.58812	3.958087	0.348302	0.394763	0.387663
RP11-445H22.4__an	0.199432	0.202236	0.993436	1.4669	10.4422	18.9543	1.15235	0.242952	0.305715	-4.46745	-0.28602	4.181428	0.178633	0.849797	0.207965
RP11-445J9.1__linc	0	0	0	0	0	0	0.29818	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP11-445K13.2__an	0	0	0	0	0.18691	2.82537	0	0.387748	0	#NUM!	#NUM!	2.957665	0.385798	0.42265	0.46504
RP11-445O3.1__linc	0	0	0.036477	0.096721	0.097257	0	0.107122	0	0.059474	-2.41082	-2.19128	0.219538	0.359316	0.314329	0.8619
RP11-445O3.2__linc	0.017363	0.129488	1.24412	0.03855	8.04428	212.705	1.95661	0.031681	0.079263	-7.31042	-0.57183	6.738592	0.401401	0.827487	0.406546
RP11-445O3.3__linc	0	0	0.186109	0.058875	0.028433	36.311	0.138959	0	0	-7.61158	0.421489	8.033068	0.421255	0.882796	0.423473
RP11-445P17.3__lin	0.251378	0.555829	1.50632	0.167146	0.6192	3.8461	0.570636	0	0.949388	-1.00168	0.606	1.60768	0.428377	0.460481	0.398912
RP11-446H18.5__lin	1.53752	0.769493	0.668993	0.540649	11.0858	53.1556	0.72983	1.44041	0.235152	-4.44414	0.307105	4.75125	0.333016	0.71002	0.330518
RP11-446N19.1__lin	0.967396	3.00997	5.24179	21.5051	65.3479	113.091	7.88825	19.1739	9.1277	-4.43882	-1.97288	2.465939	0.127807	0.135276	0.174783
RP11-447M4.1__linc	0	0.023278	0.118628	0.249498	0.900032	17.4485	0.058119	0.021595	0.032271	-7.03407	0.341616	7.375688	0.385977	0.834071	0.388
RP11-448G15.3__se	1.15628	1.78384	0.722963	1.34665	0	2.28551	0.564096	0.998767	0.361775	0.012231	0.928471	0.916241	0.992496	0.041919	0.57221
RP11-449D8.1__linc	0.038479	0.015125	0.205477	0.170472	2.23903	4.66816	0.150951	0.252415	0.013969	-4.77179	-0.6878	4.083995	0.210741	0.718878	0.240124
RP11-449L23.2__an	0.026194	0	0.104904	0	0.753853	0.313522	0.17011	0.014318	0.071314	-3.02535	-0.96404	2.061303	0.309299	0.515319	0.411728
RP11-449L23.3__an	0.039521	0.023304	0.375656	12.827	0.168613	0	0.174155	0	0.236349	-4.88937	0.095117	4.984485	0.433331	0.917223	0.425892
RP11-449P1.1__linc	0	0	0	0	2.66782	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-44F14.1__pse	0.209402	0.147462	0.561391	4.20928	1.88925	2.58687	0.238786	0	0.863275	-3.24163	-0.26324	2.978388	0.067686	0.685343	0.072957
RP11-44F21.3__anti	0	0.082249	0	0.015457	57.1756	12.6559	0	0	0	-9.72998	#DIV/0!	#DIV/0!	0.311231	0.42265	0.311365
RP11-44N21.4__pro	5.18824	1.58764	2.74552	1.83689	62.6166	15.8172	0.906276	5.13827	4.61106	-3.07563	-0.16237	2.913261	0.346478	0.888388	0.313749
RP11-450H5.1__linc	0	0	0	0	0	0	0.133471	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP11-450H6.3__linc	0.015696	0.018509	0.188527	0.041682	0	0.905607	0.567192	0	0	-2.0885	-1.34853	0.739967	0.417207	0.65895	0.79041
RP11-450K4.1__linc	0	0	0.113896	0	0	13.0265	0	0	0	-6.83759	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
RP11-451G4.2__linc	0.176394	0	0.743808	0	0	0	0	0.479193	0.127161	#DIV/0!	0.60179	#NUM!	0.305007	0.773675	0.29388
RP11-451K18.7__ps	0	0	0.104856	0.230796	0.630624	0	0.204879	0.038082	0.303261	-3.03831	-2.38108	0.657229	0.357329	0.114377	0.726816
RP11-451O13.1__ps	0.093371	0	0.186643	0	2.39606	0.691772	0.243233	0.067812	0	-3.46302	-0.15162	3.3114	0.338465	0.927987	0.343227
RP11-452B18.2__lin	0	0	0	0	6.07187	29.6625	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.318596	#DIV/0!	0.318596
RP11-452C8.1__linc	0.046756	0	0	0	0.296132	5.18894	0	0	0	-6.87421	#DIV/0!	#DIV/0!	0.39591	0.42265	0.390692
RP11-452D12.1__ps	0.790993	0	0.122166	0.053961	0.347222	3.63391	0	0.222164	0.044251	-2.14366	1.777193	3.920857	0.500016	0.547553	0.394293
RP11-452F19.3__lin	8.71136	21.9016	2.13733	12.6483	6.71887	33.2512	1.10601	1.671	1.17914	-0.68406	3.049339	3.733398	0.670792	0.231571	0.184645
RP11-452H21.1__an	6.19212	7.6878	9.72054	14.4036	22.3487	95.0374	8.36242	6.47333	4.5262	-2.48135	0.285591	2.766941	0.28167	0.575083	0.295154
RP11-452H21.4__lin	0.587581	0.153873	0.302429	0.173078	0	1.28082	1.0419	0.12213	0.263543	-0.47797	-0.4516	0.026362	0.779518	0.515355	0.988686
RP11-452K12.4__an	5.79866	3.14737	8.08087	1.87824	2.09807	8.18894	2.08576	3.74696	2.99478	0.48505	0.947739	0.462689	0.308626	0.251626	0.646643
RP11-452K12.7__an	0.947413	0.584931	1.13693	1.06116	5.64597	201.851	1.17534	1.15007	0.38272	-6.28786	-0.02085	6.267009	0.407953	0.976864	0.41024
RP11-452L6.1__linc	0.949131	1.13132	1.27944	3.32656	32.8713	5.3496	1.3594	1.90529	1.82827	-3.62827	-0.60009	3.028184	0.312904	0.032046	0.326012
RP11-453A12.1__lin	0	0.079107	0.11749	0	8.37634	9.09625	0.906381	0	0.036495	-6.47371	-2.26183	4.211882	0.184138	0.528298	0.22862

RP11-453O5.1__linc	0	0	0	0	2.33579	34.3314	0.126765	0	0	#NUM!	#NUM!	8.176189	0.384791	0.42265	0.386922
RP11-454C18.2__an	23.5098	2.39624	3.49581	7.83618	5.25401	101.331	68.3259	3.43267	2.97081	-1.96038	-1.34577	0.614607	0.504802	0.416257	0.801569
RP11-454K7.3__linc	0.075413	0	0.113192	0	0	0.252073	0.055397	0	0.082017	-0.41848	0.456835	0.875313	0.76813	0.202242	0.629871
RP11-454P21.1__lin	0.083951	0	2.03424	0	61.719	250.794	4.51801	0.018342	0.073077	-7.20494	-1.12176	6.083184	0.300799	0.703344	0.311619
RP11-455F5.3__anti	4.1735	1.73766	1.89213	0.718034	8.76638	2.68742	0.672356	5.5315	4.09941	-0.64139	-0.40095	0.240445	0.67962	0.742925	0.694378
RP11-456K23.1__lin	0.101961	0.10306	0.058325	0.077392	0.140107	0.081977	0.071399	0.160413	0.126856	-0.18548	-0.44569	-0.26021	0.585749	0.417293	0.311306
RP11-457P14.5__lin	0	0	0.137125	0.121067	0.194729	1.92069	1.21557	0	0.173784	-4.02767	-3.34085	0.686819	0.325972	0.405508	0.763796
RP11-458D21.1__lin	4.86217	11.7356	1.83057	8.12061	6.55398	31.5457	1.16508	0.894691	3.40753	-1.3266	1.753025	3.079626	0.47112	0.35279	0.203291
RP11-459F6.3__anti	51.6487	24.1113	17.3894	7.52665	9.69533	34.3314	8.40971	16.1428	12.8725	0.853479	1.315544	0.462064	0.513981	0.272091	0.636237
RP11-45P15.4__anti	0.05075	0.239538	0.101254	0.532954	0.427912	3.00643	0	0	0.10959	-3.34092	1.83705	5.177968	0.300405	0.335563	0.251692
RP11-460B17.3__lin	0	0	0.379677	0	239.823	248.682	0.829257	0	0	-10.3294	-1.12705	9.202338	0.183627	0.715402	0.185026
RP11-460H9.1__linc	0	0	0	0	0	1.99109	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-460I13.2__ant	0.540712	0.343336	0.810702	0.313147	0.370546	6.8234	0.517739	0.788046	0.588734	-2.14718	-0.16076	1.986423	0.442293	0.768195	0.481697
RP11-460N16.1__lin	0.044557	0.03503	0.221372	0.078907	0.179334	10.7206	0.733345	0.243035	0.113175	-5.18901	-1.8561	3.332915	0.412884	0.374249	0.462768
RP11-461K13.1__lin	0	0	1.28933	0	3.67195	2.42758	0	0	0	-2.24208	#DIV/0!	#DIV/0!	0.277592	0.42265	0.199982
RP11-461O7.1__linc	0.099177	0.025988	1.20145	0	177.245	29.6625	1.5153	0.108467	0.04638	-7.28509	-0.33223	6.952867	0.338725	0.891578	0.340241
RP11-462L8.1__lincI	277.012	213.727	148.911	57.0619	64.9642	370.709	96.9661	178.147	97.1714	0.37647	0.780877	0.404407	0.754838	0.190464	0.767189
RP11-463H12.2__lin	0	0	0	0	1.83967	1.9827	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.184074	#DIV/0!	0.184074
RP11-463I20.3__linc	0.123945	0.146438	0	4.49302	1.30981	12.6556	0	0	0	-6.09313	#DIV/0!	#DIV/0!	0.218626	0.186314	0.210198
RP11-463J7.2__lincI	0	0	1.7048	0.017907	19.7037	72.3795	0.066074	0	0.029349	-5.75554	4.159123	9.914667	0.288669	0.445849	0.2916
RP11-463M16.4__ps	28.2308	13.0846	15.7322	20.0695	13.6958	667.579	18.8488	22.0449	31.7047	-3.61988	-0.34777	3.272113	0.429382	0.563684	0.429172
RP11-463O12.3__lin	0	0	0	0	0	10.7206	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-463O9.5__ant	0.108856	0.149773	0.145246	0	0.154908	20.6125	0.124409	0.019815	0.118409	-5.68427	0.620862	6.305131	0.425584	0.389663	0.422372
RP11-463P17.1__lin	0	0	0.855798	0	0	1.90259	0.96291	0	0	-1.15262	-0.17013	0.982492	0.42265	0.951996	0.745578
RP11-464C19.2__lin	0	0	0.354392	0.649846	3.63549	0	0.413712	0	0.229531	-3.59599	-0.86002	2.735973	0.388279	0.614091	0.423959
RP11-464F9.1__proc	3.79757	2.58077	7.20083	7.36732	44.1787	65.2297	3.76969	12.6749	12.1207	-3.10427	-1.07287	2.031405	0.166561	0.229495	0.176645
RP11-464O2.2__ant	0	0	0.094074	0	3.49335	0.089786	0.036833	0.143727	0.081797	-5.25129	-1.47967	3.771624	0.423359	0.3474	0.427657
RP11-465B22.3__ps	0.185363	0.353399	0.950206	0.272967	2.39316	1.21417	0.158713	0.425786	0.692487	-1.38185	0.22157	1.603424	0.329345	0.545052	0.262708
RP11-465B22.5__lin	0.075771	0.111699	0.463173	1.85865	1.23109	18.2292	0.319261	0	0.257976	-5.03413	0.172702	5.206828	0.333	0.874407	0.337617
RP11-465L10.10__a	10.261	1.82512	2.83151	3.69097	2.31614	2.65899	0.54971	3.64896	0.846292	0.783564	1.564103	0.780539	0.452354	0.434442	0.458925
RP11-465N4.4__anti	54.5463	45.2272	39.1019	42.4867	21.3453	18.2785	23.5339	36.7163	23.3816	0.758152	0.731668	-0.02648	0.033315	0.108974	0.964769
RP11-466F5.6__pse	0	0	3.6997	0	0.111672	4.7261	0.479697	0	0	-0.38693	2.947213	3.334147	0.36359	0.501679	0.470476
RP11-466F5.8__anti	1.29695	0.388736	0.674624	0.148132	1.92027	2.21753	0.245667	0	0	-0.86063	3.2642	4.124833	0.547854	0.066752	0.205238
RP11-466I1.1__lincF	0	0	0	1.93829	3.44765	53.5455	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.366303	#DIV/0!	0.366303
RP11-466L17.1__lin	0	0	0.111098	17.0648	7.45875	43.3722	0	0	0	-9.25534	#DIV/0!	#DIV/0!	0.169089	0.42265	0.169527

RP11-466P24.2__ps	39.1002	39.0922	33.8164	19.1755	9.19646	7.47472	16.6919	43.2715	30.2508	1.643701	0.312186	-1.33152	0.012952	0.454613	0.235554
RP11-466P24.7__lin	0.028262	0.099983	0.014147	0.075092	0.075526	0	1.78923	0.169899	0	-0.08103	-3.78228	-3.70124	0.913155	0.404853	0.391785
RP11-467I17.1__linc	0	0	0	0	3.14088	4.64012	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.19825	#DIV/0!	0.19825
RP11-467J12.4__an	0.439209	3.62328	1.86031	1.77741	3.5104	16.2644	0.548547	1.85158	2.75977	-1.86348	0.198937	2.062422	0.376241	0.778657	0.307243
RP11-467K18.2__an	1.25926	0.278502	0.945833	0.23331	2.77161	95.9374	3.2125	0.241819	6.00657	-5.31609	-1.92955	3.38654	0.413968	0.25741	0.426077
RP11-467L19.8__ps	0.14878	0.371521	0.542148	0.513844	0.830113	0.910177	0.367369	0.25639	0.182945	-1.08518	0.397282	1.482462	0.005918	0.661314	0.108905
RP11-467L20.10__li	0	0	0	0	0	3.86578	0.58771	0	0	#NUM!	#NUM!	2.717583	0.42265	0.42265	0.515985
RP11-468D11.1__lin	0	0	0	0	1.70854	5.08748	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.268884	#DIV/0!	0.268884
RP11-469A15.2__lin	0	0	0.677678	0	0	3.92105	0	0	0	-2.53257	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
RP11-469H8.6__anti	1.11267	0.03927	0.548278	0.486227	2.51285	4.50384	0.207541	0.04545	1.53731	-2.14173	-0.07448	2.067249	0.28828	0.961207	0.147448
RP11-469L4.1__lincl	0	0	0	0.149385	25.0774	1.33531	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.389344	#DIV/0!	0.389344
RP11-469M7.1__linc	3.07532	1.85241	1.66692	3.79899	1.14449	3.24556	1.56361	2.12188	2.27482	-0.3124	0.145909	0.458307	0.509148	0.778239	0.509946
RP11-46A10.5__anti	1.77903	3.13786	0.969117	6.26639	7.80557	15.2483	4.1923	0.143576	1.37121	-2.31654	0.044535	2.361072	0.137056	0.973285	0.147236
RP11-46E17.6__linc	0	0	1.00642	0	1.0837	1.91695	0	0.0969	0.096426	-1.57604	2.380123	3.956165	0.186564	0.487029	0.217291
RP11-46I8.3__antise	0	0	0.289374	0	0	3.14428	0	0.078533	0	-3.44172	1.88157	5.323292	0.42265	0.594021	0.437245
RP11-470E16.1__pri	0.034087	0.262221	0.687885	0.134968	122.616	10.918	0.155758	0.144892	0.184717	-7.08551	1.019865	8.105373	0.376078	0.457427	0.374547
RP11-470L19.2__lin	0	0	0.141881	2.37216	0	0.569508	0.459123	0	0.206694	-4.37388	-2.23044	2.143437	0.329381	0.347615	0.325182
RP11-472B18.1__ps	0.111463	0.087635	0.260257	0.221794	7.15914	3.41608	0.27295	0.101437	0.101027	-4.55488	-0.04958	4.505304	0.229332	0.959192	0.235773
RP11-472G21.2__lin	0.073244	0	0.218726	0.381801	3.94456	0.136532	0	0	0.393405	-3.93409	-0.43019	3.503892	0.391508	0.690817	0.408377
RP11-472K22.1__lin	0	0	0.112437	0.147764	0.118602	4.88287	0.474086	0	0.182406	-5.51717	-2.54566	2.971509	0.390893	0.34454	0.449663
RP11-472N13.3__lin	0.274677	0	0	0	3.59409	1.88914	1.40286	0	0	-4.31922	-2.35256	1.966655	0.261071	0.42265	0.45161
RP11-473A10.2__lin	0	0	0.595671	0	9.80091	5.15271	0.857421	0	0.268938	-4.64984	-0.91908	3.730756	0.233054	0.66608	0.273188
RP11-473C19.1__an	0	0	1.48551	0	7.99119	10.7254	0.831897	0	0.244233	-3.65529	0.465106	4.120393	0.185639	0.841825	0.228797
RP11-473I1.10__ser	8.88828	12.5672	6.10093	4.69202	3.89273	5.00452	8.45012	94.6669	8.70529	1.01992	-2.02075	-3.04067	0.168522	0.407723	0.376261
RP11-473L15.2__an	0	0.018816	1.55447	0.105921	2.95911	8.80473	0.031275	0.104601	1.56909	-2.91544	-0.11596	2.799476	0.240249	0.177847	0.24555
RP11-473M10.3__lin	0	0	0	0	0	0	0.186956	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP11-473M20.14__ε	1.44232	1.49242	2.05675	39.6402	2.54508	11.0557	2.5534	2.38596	2.30679	-3.41499	-0.53774	2.877251	0.29041	0.100743	0.303109
RP11-473M20.5__ar	0	2.64121	0	8.39051	1032.98	2.50074	0.333863	0	0.370471	-8.62653	1.906867	10.5334	0.416568	0.583964	0.416975
RP11-473N11.2__ps	69.7639	33.9352	26.392	29.5581	10.6376	53.5455	23.6549	43.2859	18.3411	0.472767	0.609211	0.136444	0.610059	0.457997	0.899039
RP11-474D1.1__linc	0	0	0	0	0	0	0.709103	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP11-474D1.2__linc	0	0.020987	0.071237	0	1.75918	0.238052	0.38034	0.206454	0	-4.43671	-2.66964	1.767076	0.370135	0.334569	0.496171
RP11-474D1.3__linc	66.2899	23.4176	0.123712	3.21243	2.83699	4.73719	0.353947	2.86698	3.12391	3.057975	3.823562	0.765587	0.313844	0.302744	0.218737
RP11-474N8.5__sen	0.352443	0	1.09528	0	1.28589	0.205627	0.153399	0.042757	0.106457	-0.04299	2.258239	2.301234	0.984226	0.345133	0.453701
RP11-474P2.2__anti	0	27.2159	27.1538	12.5379	2.92866	10.918	0.112257	36.606	26.6628	1.043109	-0.22125	-1.26436	0.491768	0.446732	0.455071
RP11-475A13.1__lin	0.672129	0	0	0	0	72.3795	0	0	0	-6.7507	#DIV/0!	#DIV/0!	0.428036	0.42265	0.42265

RP11-475A13.2__lin	0	0	0.036724	0	1.4258	0.456729	0.047966	0	0.013316	-5.67979	-0.73874	4.941051	0.283037	0.734347	0.296153
RP11-475B2.1__linc	0	0	0	0	0	1.32457	0.069829	0	0	#NUM!	#NUM!	4.245564	0.42265	0.42265	0.453845
RP11-475D12.1__lin	0	0	0	0	0	2.91825	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-475D12.2__lin	0.022109	0	0.271191	0.132307	0.14197	8.51284	0.184375	0.02418	0.125134	-4.90494	-0.18613	4.718814	0.405126	0.893839	0.418194
RP11-475N22.4__an	2.57393	0.206667	1.79143	12.5142	1.59133	3.1877	0.816633	2.14464	0.484258	-1.9193	0.408108	2.327409	0.275175	0.777607	0.334786
RP11-476H20.1__lin	0	0.44522	0	0.488027	2.56744	0.696319	0.181693	0	0	-3.07499	1.293016	4.368003	0.16498	0.683598	0.230257
RP11-476M19.2__lin	0	0	0	0	0	1.78416	6.41671	0	0	#NUM!	#NUM!	-1.84659	0.42265	0.42265	0.598416
RP11-478B9.1__anti	0.291752	0.267344	0.411864	0.350647	52.1805	17.6396	0.134512	0.768945	0.430895	-6.17531	-0.45866	5.716659	0.269568	0.601142	0.266951
RP11-478C19.2__pr	39.6484	19.8935	23.5314	704.394	11.3304	413.592	21.1294	43.1577	28.3377	-3.76492	-0.15701	3.607907	0.216319	0.81692	0.237573
RP11-478H13.3__lin	0	0	1.97171	0.090678	2.01005	20.1469	0.081732	0	0.033007	-3.49613	4.10302	7.599152	0.359829	0.447481	0.367845
RP11-478K15.6__lin	0	0.916921	1.64161	0	2.82957	3.03836	1.16342	0	0	-1.19754	1.136944	2.33448	0.193247	0.635724	0.370066
RP11-478K7.2__linc	0	0	0.146577	0.194415	0.967686	21.5477	0.841657	0.071111	0.141657	-7.27551	-2.84673	4.428787	0.391945	0.379466	0.416703
RP11-478P10.1__lin	0	0.025166	0.097766	0.028421	0.045755	34.3314	0.090819	0	0.031034	-8.12863	0.012732	8.14136	0.421823	0.9946	0.422931
RP11-479G22.8__lin	0.998976	1.13431	6.89151	2.38655	3.23663	4.83086	4.03238	3.33615	1.50534	-0.21209	0.024331	0.236425	0.746447	0.986721	0.754216
RP11-479J7.1__linc	0.041914	0.148353	0	0	6.70357	8.4713	0.122552	0	0.045346	-6.31751	0.180442	6.497954	0.192327	0.926131	0.195367
RP11-47L3.1__lincR	0.346365	0.122578	0.242244	0.117029	1.98939	1.77979	0.304291	0.226241	0.187672	-2.45006	-0.01416	2.435898	0.245429	0.967454	0.232454
RP11-47P18.1__linc	1.06316	0	0.30431	0	0.78647	0	0.297189	0.082866	0	0.798046	1.847231	1.049185	0.752807	0.311793	0.692791
RP11-47P18.2__linc	0	0	0	0	1.01072	23.698	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.398572	#DIV/0!	0.398572
RP11-480C22.1__lin	0	0.284815	0	0	70.7841	148.732	0	0	0	-9.59009	#DIV/0!	#DIV/0!	0.231	0.42265	0.230572
RP11-480D4.1__linc	2.18485	0.917905	3.28217	35.5581	4.47421	134.636	0.801004	1.1466	2.05362	-4.7738	0.674228	5.448033	0.283354	0.261909	0.281309
RP11-480I12.5__pse	1.44458	1.1809	1.42526	1.80318	68.0842	273.55	1.10802	0.874969	1.27258	-6.40572	0.315276	6.720994	0.300767	0.043096	0.299684
RP11-480I12.7__linc	1.23336	0.416656	0.115581	2.66608	2.09796	53.9086	0.473403	0.190476	0.345611	-5.05446	0.806529	5.860989	0.389742	0.471243	0.379367
RP11-481J13.1__linc	0.016782	0	0.874905	0.067009	5.477	25.6659	0.579036	0	0.03659	-5.12932	0.534483	5.663807	0.310554	0.842102	0.32615
RP11-481J2.2__linc	0.012577	0.069202	0.358929	0.111757	21.2284	4.31206	0.597865	0.022956	0.090312	-5.86312	-0.6903	5.172819	0.323786	0.758179	0.33418
RP11-482D24.2__an	0	0	0	0.255953	12.7412	1.97455	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.329712	#DIV/0!	0.329712
RP11-482E14.2__lin	0	0	0.545144	0	0	31.7692	0.845587	0	0	-5.86485	-0.63332	5.231532	0.42265	0.827588	0.438216
RP11-482H16.1__pr	0.242504	0.620089	2.47486	67.3884	5.04384	46.083	1.29016	0.617657	0.315116	-5.15018	0.586283	5.736464	0.170705	0.731937	0.16614
RP11-482M8.1__linc	0.084542	0.434881	0	0	8.20462	9.36856	1.365	0.291944	0	-5.08032	-1.67354	3.406779	0.191063	0.490265	0.25525
RP11-482M8.3__ant	0	0.043442	0.202738	0	0.255517	0.246303	0.720674	0	0.080131	-1.02746	-1.70174	-0.67428	0.318284	0.56274	0.779394
RP11-483C6.1__sen	0.10297	0	0.051527	0.022777	0	0.082012	0.016815	0.262454	0	0.560098	-0.85408	-1.41418	0.665481	0.743637	0.63373
RP11-483P21.2__an	29.7284	21.5531	11.0225	6.99213	5.8575	8.07681	9.4534	24.2303	21.8644	1.573998	0.165587	-1.40841	0.140185	0.83149	0.134768
RP11-484D2.2__anti	17.9576	12.3139	10.4886	36.6614	21.32	7.09924	25.6427	13.7777	16.2893	-0.67507	-0.45077	0.2243	0.33244	0.11377	0.66623
RP11-484N16.1__lin	0	2.03273	0.592238	1.99483	0	0	0	0	0	0.396034	#DIV/0!	#DIV/0!	0.874935	0.2842	0.42265
RP11-486A14.2__an	49.6152	51.5286	215.958	25.6561	11.7375	96.2828	12.6818	59.2628	79.8583	1.246201	1.062747	-0.18345	0.175052	0.324275	0.798473
RP11-486G15.2__lin	0.12118	0	0.096957	0.128364	0	0	0.047421	0	0	0.764994	2.201624	1.43663	0.46689	0.190939	0.42265

RP11-486O13.4__lin	1.49041	2.19646	1.30931	33.7562	9.4843	72.485	0.545668	1.04749	0.048291	-4.53374	1.605856	6.139593	0.185473	0.006785	0.178029
RP11-488I20.3__linc	0.010518	0.080513	0.094795	0.027978	4.89989	0.190861	1.36794	0	0.091683	-4.78377	-2.97358	1.81019	0.409171	0.45917	0.5842
RP11-488I20.8__linc	0	0	0	0	4.34374	43.0083	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.367556	#DIV/0!	0.367556
RP11-488I20.9__linc	0.034429	0.011643	0.103371	0.052545	0.496902	0.240321	0.098893	0.021603	0.093645	-2.40183	-0.51897	1.882864	0.267269	0.433607	0.334753
RP11-489G11.3__lin	0.499432	2.53935	0	2.90369	0	73.0158	0.670707	0	0.044172	-4.64291	2.087721	6.730627	0.424378	0.472911	0.405261
RP11-48F14.1__linc	0	0.068251	0.493791	0.84616	8.58613	200.636	1.69181	0.559373	1.30394	-8.54596	-2.66115	5.884815	0.396189	0.108795	0.40234
RP11-48O20.4__linc	0	0	0	11.0208	2.6749	899.74	15.555	0	0	#NUM!	#NUM!	5.875853	0.413908	0.42265	0.423853
RP11-490G2.2__linc	0	0.515411	0.016774	0	0	0	0.032846	0.018309	0.018236	#DIV/0!	2.939092	#NUM!	0.404175	0.463668	0.041387
RP11-490O24.2__lin	0	0	0	0	2.02349	1.50275	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.192264	#DIV/0!	0.192264
RP11-491F9.5__linc	0	0.018223	0.108273	0.102598	0.561317	2.567	0.121168	0	0.050456	-4.67478	-0.44017	4.23462	0.288778	0.807693	0.314983
RP11-491H19.1__lin	0	0	0	0	2.14464	15.2215	1.45361	0	0	#NUM!	#NUM!	3.578565	0.347746	0.42265	0.404996
RP11-493K19.3__an	16.5585	18.6379	9.03436	8.23805	8.78913	21.3235	9.59955	20.2938	13.231	0.205798	0.036547	-0.16925	0.809401	0.922977	0.804969
RP11-493L12.3__an	0.679523	4.77711	1.08389	4.08456	10.8527	2.71273	3.94413	0.950105	1.34425	-1.43219	0.06821	1.5004	0.10326	0.96538	0.341004
RP11-494M8.4__ser	0.105746	0.043614	0.426178	0.220772	17.5071	208.562	0.911482	0.025888	0.114577	-8.61904	-0.87008	7.748967	0.376081	0.681676	0.37833
RP11-495K9.3__linc	0.023843	0	0.155005	0.005262	0.211593	0.824081	0.05832	0.255123	0	-2.54108	-0.80947	1.731606	0.29097	0.741406	0.492077
RP11-495K9.5__linc	0	0	0	0	0	9.61085	0.784231	0.058329	0	#NUM!	#NUM!	3.511812	0.42265	0.381416	0.475019
RP11-495K9.6__linc	0.08559	0	0.279306	0.165487	2.34281	0.131677	0.028944	0.064541	0	-2.85496	1.964672	4.819637	0.440775	0.463743	0.356904
RP11-495K9.7__linc	0	0	0	0	0.041554	0	0.051386	0.129057	0	#NUM!	#NUM!	-2.1185	0.42265	0.25003	0.209784
RP11-495K9.9__linc	0	0	0	0	1.14915	0.553447	0	0	0.095386	#NUM!	#NUM!	4.157814	0.229314	0.42265	0.249908
RP11-495P10.2__lin	15.8191	13.0046	6.59665	51.493	25.5815	34.4764	13.0798	7.06097	22.5153	-1.65505	-0.26817	1.386879	0.064615	0.757281	0.10192
RP11-495P10.3__lin	0.832338	0	0.53582	2.17618	2.4472	4.25666	0.115076	0.128311	1.52269	-2.69833	-0.36831	2.330018	0.067678	0.812721	0.006763
RP11-495P10.8__lin	0	0.018562	0.079649	0.104496	0.277439	2.80894	0.179183	0.017198	0.051391	-5.02193	-1.33506	3.686865	0.349178	0.52399	0.386749
RP11-496B10.3__lin	9.0598	8.85311	9.87743	4.50777	3.63104	31.4073	8.06874	12.8724	7.94465	-0.50895	-0.05578	0.453176	0.699907	0.861565	0.758327
RP11-496D24.2__lin	0.561274	0.361221	0.244424	0.397486	19.7665	41.8621	0.369548	0.050935	0.118406	-5.7321	1.114644	6.846743	0.234816	0.060389	0.231033
RP11-496I2.2__lincF	0	0.279733	0.010889	0.1181	0.175542	0.022929	0.034229	0	0.035543	-0.12339	2.058441	2.181827	0.905149	0.549274	0.269123
RP11-496I9.1__antis	0	0	0	0	3.05295	0.599187	0.276502	0	0	#NUM!	#NUM!	3.723379	0.322266	0.42265	0.376036
RP11-496N12.6__se	0.3816	0	0.969039	0.214421	4.83325	20.0086	0.690145	0	0	-4.21346	0.968671	5.182128	0.303281	0.625028	0.316752
RP11-497E19.1__lin	0.017419	0.041084	0.052297	0.138693	0.334724	2.38598	0.051198	0.076106	0.05685	-4.6897	-0.73297	3.956728	0.326215	0.133393	0.341364
RP11-497G19.1__lin	0.038137	0	0.533148	0	12.4507	2.18353	0.223193	0.621266	0.493078	-4.67899	-1.2273	3.451696	0.353546	0.318845	0.357677
RP11-497G19.3__lin	0	0	0	0	0	2.44273	0.23655	0	0	#NUM!	#NUM!	3.368277	0.42265	0.42265	0.480987
RP11-497K21.1__an	0	0.104655	0	0	1.96544	16.036	0	0	0	-7.42633	#DIV/0!	#DIV/0!	0.35995	0.42265	0.356701
RP11-498B4.5__anti	0	0	0	5.0508	0	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-498C9.15__lin	1.42065	2.38935	2.22672	4.08456	7.42011	5.44021	1.78729	9.47428	13.5475	-1.48901	-2.03903	-0.55002	0.036577	0.188758	0.476506
RP11-498J9.2__anti	0	0	0	0	0	3.52107	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-498M15.1__lin	0	0	0.514634	27.9566	0	0.286112	0.498771	0	0.683185	-5.77819	-1.19956	4.57863	0.427388	0.2682	0.431058

RP11-499E18.1__lin	0	0	0	0	3.01238	7.22325	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.244905	#DIV/0!	0.244905
RP11-499F3.2__linc	0.975816	2.42438	1.00706	1.58609	11.181	105.531	1.01955	4.37274	0.083379	-4.7464	-0.31315	4.433248	0.373117	0.71398	0.383563
RP11-499P20.2__an	2.1708	1.48737	1.49057	1.56785	2.71869	58.6476	1.513	1.94774	4.87865	-3.61155	-0.69572	2.915829	0.41647	0.470945	0.413843
RP11-49G10.3__ant	0	0	0	0	9.36668	2.45251	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.295238	#DIV/0!	0.295238
RP11-49I11.1__antis	1.6054	0	1.78441	0	1.33024	3.21703	0.719101	1.13673	0.465515	-0.4238	0.546243	0.970039	0.735832	0.684261	0.549155
RP11-49L2.1__antis	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-4F22.2__antis	3.20749	0	0.127901	0	0.216711	26.3811	96.0415	0.062063	0.030911	-2.99538	-4.84913	-1.85375	0.492215	0.422867	0.59688
RP11-4N23.1__proc	0.945967	1.06483	1.47059	2.15928	1.91133	7.22325	5.63629	0.753373	2.22907	-1.6978	-1.30781	0.389991	0.240631	0.377071	0.75067
RP11-4O3.2__lincR	0	0	0.033119	0.073301	2.05751	0.07396	0	0	0.012011	-6.05685	1.463293	7.520141	0.391127	0.42265	0.385366
RP11-500G22.2__an	0	0.143493	0.243183	0.888277	10.1421	5.03301	0.401343	0	0.032988	-5.37651	-0.16767	5.208837	0.186227	0.942105	0.202743
RP11-500M8.4__ser	0	0	0	0	1.4636	0	0	0	2.46883	#NUM!	#NUM!	-0.75431	0.42265	0.42265	0.797785
RP11-501E14.1__lin	0	0	0.072945	1.46375	2.93841	1.7232	0	0	0.15001	-6.39185	-1.04018	5.351664	0.04896	0.42265	0.05231
RP11-501O2.1__linc	0	0	0	0	0.25071	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-501O2.5__linc	0	0	0	0	2.17336	86.9931	0.15221	1.10996	0	#NUM!	#NUM!	6.142523	0.40841	0.349564	0.416647
RP11-502M1.2__linc	0	0	0	0	0.023374	3.7663	0	0	21.4882	#NUM!	#NUM!	-2.5034	0.419078	0.42265	0.423412
RP11-503D12.1__lin	0	0	0	0	1.27611	0	0.441103	0	0	#NUM!	#NUM!	1.532565	0.42265	0.42265	0.642947
RP11-503L23.1__lin	0	0	0	0	1.31844	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-504P24.8__lin	0.55809	0.474668	2.70367	11.9005	4.62152	1.99239	0.928041	3.6185	1.21127	-2.30892	-0.62386	1.685056	0.294732	0.666528	0.333232
RP11-506H20.1__an	16.3032	6.6095	8.52916	6.39293	12.8644	105.531	6.27744	10.3095	8.28081	-1.98872	0.338411	2.327135	0.448417	0.644929	0.407001
RP11-506N2.1__linc	0	0.071825	1.15802	0	53.8488	10.9337	0.178473	0	0.066048	-5.71906	2.330447	8.049503	0.328699	0.486939	0.321723
RP11-506O24.1__an	0.015351	0.018102	0.061463	0	6.1282	3.09904	0.187244	0	0.050124	-6.60311	-1.32241	5.2807	0.227297	0.525185	0.241995
RP11-506O24.2__se	0.081343	0.383734	0.203461	0.269611	0.1518	0.446388	0.23894	0.355205	0.176874	-0.37635	-0.20576	0.170595	0.701213	0.635557	0.835196
RP11-507B12.1__lin	0	0.106276	1.23257	0	6.66372	54.488	0.086826	0	0	-5.51333	3.946714	9.460045	0.35642	0.417141	0.357747
RP11-507B12.2__lin	0	0	5.24179	0	330.24	211.062	0.575103	0	0	-6.69023	3.188167	9.878398	0.204646	0.48906	0.203449
RP11-508N22.8__pr	0	0.062599	0.124983	0.084729	2.10063	0.183203	0.072924	0.046452	0	-3.65842	0.652005	4.310427	0.382938	0.729544	0.37035
RP11-508O18.1__lin	0	0	0	0.060387	0.291384	6.62139	0.08922	0	0.049532	#NUM!	#NUM!	5.651235	0.39259	0.214986	0.400179
RP11-50C13.1__anti	2.87514	1.74717	2.3932	5.64925	3.9462	29.2066	1.91417	2.31839	1.48234	-2.46751	0.29582	2.763333	0.321455	0.479267	0.318291
RP11-50C13.2__sen	0.069242	0	0.225217	0	13.2645	3.58627	0.067842	0	0.037666	-5.8386	1.48071	7.319313	0.301456	0.418356	0.295916
RP11-50D9.3__antis	0.276102	1.72806	0.357271	0.320746	1.81594	2.89248	0.529674	0	1.53346	-1.09066	0.194825	1.285482	0.392928	0.91821	0.248194
RP11-50E11.3__anti	1.09709	1.02767	1.73711	0.286061	35.3643	2.75449	2.6636	1.85996	0.994656	-3.31392	-0.5149	2.799015	0.419597	0.502706	0.43549
RP11-510C10.2__an	0	0.015992	0.461289	0	6.53325	0.597203	0.207548	0	0.280571	-3.90108	-0.03239	3.868689	0.410738	0.977301	0.413993
RP11-510C10.4__lin	0	0	0	0.087668	0.235025	67.1655	0.043172	0	0	#NUM!	#NUM!	10.61031	0.41988	0.42265	0.420251
RP11-510D19.1__lin	0	0	0.043455	0	1.2471	0.114381	0	0	0	-4.9695	#DIV/0!	#DIV/0!	0.390799	0.42265	0.372331
RP11-510J16.5__an	8.1273	1.41673	3.26948	13.6718	6.84311	104.392	4.35384	7.6064	0.446963	-3.28512	0.046488	3.331603	0.361888	0.969845	0.377646
RP11-510M2.2__ant	0.063248	2.15126	0.222929	0.126185	8.31322	0.394602	2.45846	1.55184	0.787721	-1.8577	-0.97707	0.880629	0.400931	0.461917	0.674698

RP11-510M2.4__pse	0	0	0.338649	0	0.937256	11.0783	0	0.244118	0	-5.14897	0.472212	5.621181	0.374641	0.869264	0.387724
RP11-510M2.6__ant	0	0	0	0	2.28439	87.1176	0.523195	0	0	#NUM!	#NUM!	7.416814	0.407714	0.42265	0.411191
RP11-511B23.2__an	0.336722	0	1.50168	19.9986	15.2586	20.9745	4.81874	1.22988	2.50002	-4.93486	-2.21724	2.717617	0.006225	0.185025	0.006952
RP11-511I2.2__antis	0.990545	3.8999	1.51276	1.75609	6.99177	4.75297	1.14499	1.88855	3.77293	-1.07618	-0.08811	0.988069	0.098121	0.923147	0.261318
RP11-512N21.3__an	0	0	0.930648	2.99223	3.62374	0	0.467629	0	0	-2.82965	0.992871	3.822516	0.314838	0.743335	0.196246
RP11-513G11.2__lin	0.068647	0.141671	0.137405	0.136659	0.27485	18.3927	0.050446	0	0.11203	-5.75698	1.097714	6.85469	0.416306	0.262762	0.41132
RP11-513G11.4__lin	0.192485	0.126722	0.414846	0.251796	4.83083	15.2483	0.506014	0	0.219203	-4.79165	0.017471	4.809119	0.272937	0.986942	0.283061
RP11-513N24.1__lin	0.011041	0	0.033171	0.04405	0.094535	10.3981	0.086662	0.08453	0.108268	-7.89676	-2.66012	5.236637	0.415573	0.00152	0.424484
RP11-514D23.1__lin	0.029071	0.034282	0.207143	0	0.372846	86.9931	0.156751	0.12709	0	-8.33532	-0.06948	8.265844	0.420595	0.970415	0.422062
RP11-514F8.2__linc	0	0	0	0	1.90548	1.15065	0.94567	0	0	#NUM!	#NUM!	1.692297	0.207324	0.42265	0.496186
RP11-515O17.2__ar	0.122464	0	0.332663	0.278595	0.168091	3.28334	0.903219	0.095548	0.342592	-3.03484	-1.55935	1.47549	0.361138	0.349557	0.541406
RP11-515O17.3__lin	0	0.040678	0.051781	0.022888	0.405092	0	0.101388	0	0.112582	-2.21067	-1.21053	1.000136	0.474726	0.438869	0.711116
RP11-516C1.1__anti	0	0	0.634978	0	3.52162	11.0808	0	0	0	-4.52336	#DIV/0!	#DIV/0!	0.268461	0.42265	0.274899
RP11-516J2.1__lincI	0.140103	0.104334	0.088642	2.09907	21.5028	4.66183	0.789831	0.040352	0.032163	-6.40694	-1.3724	5.034541	0.265984	0.533698	0.280741
RP11-517C16.2__an	1.68779	1.24613	0	2.75294	1.45285	181.735	0	0	0.947495	-5.98587	1.630639	7.616509	0.41862	0.501798	0.409306
RP11-517O13.1__ar	8.81789	7.36903	8.42581	13.0318	7.48189	59.3576	5.81234	0	0	-1.69827	2.082214	3.780486	0.375737	0.063475	0.290457
RP11-518L10.5__an	1.93896	4.00315	1.1111	8.29244	2.56311	34.6728	1.81273	0.94131	3.01158	-2.69041	0.290804	2.981218	0.350253	0.793841	0.290533
RP11-519G16.3__ar	2.71859	118.347	8.04319	7.05649	22.2818	284.234	1.00361	13.7112	24.0325	-1.28021	1.736419	3.01663	0.635839	0.507197	0.390697
RP11-519G16.5__ar	12.0724	7.04667	19.6653	11.7543	13.5832	24.3389	4.49957	30.1365	11.4557	-0.35709	-0.24903	0.108051	0.218018	0.835515	0.906755
RP11-519M16.1__lin	0	0.018102	0.900488	0	12.4507	1.84054	0	0	0.050124	-3.95957	4.195839	8.155405	0.380763	0.410493	0.34635
RP11-51M24.1__linc	0	0	0	0	1.17307	1.73811	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.198462	#DIV/0!	0.198462
RP11-51O6.1__pseu	230.043	119.037	98.4593	81.588	42.8813	56.1402	96.71	127.918	97.7836	1.309141	0.473111	-0.83603	0.104688	0.459385	0.146177
RP11-51P8.1__lincR	0	0	0	0	0.425317	0.042227	0.087145	0	0	#NUM!	#NUM!	2.423604	0.368434	0.42265	0.49651
RP11-520A21.1__lin	0	0.062618	0	0	0	0	1.29149	0	0	#DIV/0!	-4.36632	#NUM!	0.42265	0.451287	0.42265
RP11-520D19.1__lin	0	0	0	0	0	0	0.06613	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP11-520D19.2__lin	0	0.075706	0.192415	0	7.68692	18.8331	0.156704	0	0	-6.62806	0.774841	7.402896	0.247242	0.75206	0.251753
RP11-521D12.1__lin	0	0	0.799915	0	1.61152	2.68789	0	0	0.08782	-2.42622	3.187225	5.613445	0.186039	0.42265	0.205107
RP11-521D12.2__lin	0	0	1.23214	0	3.96676	13.181	1.04914	0	0.160107	-3.79878	0.027057	3.825839	0.270149	0.991188	0.325956
RP11-521D12.5__lin	0.030973	0	0.558064	3.57045	2.96584	1.33153	0.748498	0	0.483108	-3.73953	-1.06411	2.675423	0.102458	0.485761	0.083577
RP11-521E5.1__linc	0	0	0.057253	0	0.120749	6.52091	0	0	0	-6.85805	#DIV/0!	#DIV/0!	0.411967	0.42265	0.41206
RP11-521O16.2__lin	0	0	0.151902	0	1.65038	8.02574	0.350018	0.069055	0.069988	-5.99322	-1.68687	4.306343	0.316488	0.468215	0.346694
RP11-522B15.3__lin	0.054851	0.064697	0.87719	0.036276	4.19506	21.9652	0.134063	0.014103	0.070258	-4.71602	2.190083	6.906101	0.322941	0.446865	0.327144
RP11-522D2.1__linc	0	0	0.371193	0.42775	0.123224	1.24383	0.177678	0.05782	0	-2.27358	0.656453	2.930038	0.160976	0.811479	0.291355
RP11-522N14.2__lin	0.052885	0.062363	0.384835	0.245973	1.27879	1.36311	0.09375	0.014453	0.014398	-2.52977	2.028193	4.557963	0.123533	0.419992	0.139302
RP11-523L20.1__lin	0.048376	0	0	0	0.612404	0	0	0	0	-3.66211	#DIV/0!	#DIV/0!	0.469908	0.42265	0.42265

RP11-53B2.2__sens	0.555617	2.1884	1.55836	3.66369	0.893781	0.941913	0.58026	0.803372	2.94467	-0.35414	-0.00867	0.345469	0.798097	0.992363	0.816164
RP11-53B2.3__antis	0.552192	0.41497	0.413406	7.9878	1.57052	46.0635	0.137074	0.737363	0.655258	-5.33232	-0.14798	5.184335	0.323129	0.851189	0.322402
RP11-53I6.2__proce	6.04034	5.75305	7.72312	23.0139	22.2062	43.0083	3.05674	8.67917	4.74185	-2.17655	0.244175	2.420723	0.065948	0.658235	0.084084
RP11-53L24.1__lincl	0	0	0	0	9.80091	6.22869	0.377973	0	0	#NUM!	#NUM!	5.406311	0.203053	0.42265	0.222257
RP11-53O19.1__ant	9.75176	10.5951	6.25149	6.80409	4.84867	22.6831	7.38306	8.09481	9.40578	-0.36838	0.096139	0.464518	0.746973	0.788026	0.601098
RP11-53O19.2__linc	0	3.63329	0.479459	2.13495	5.27698	43.2509	0.545275	0	0	-3.62275	2.915047	6.5378	0.372887	0.4441	0.336354
RP11-540D4.3__linc	0	0	0.247757	0	0	786.388	0.250169	0.089926	0	-11.6321	-0.45701	11.17509	0.42265	0.853296	0.422899
RP11-540E16.2__lin	0	0	0.107675	0	0	0	0	0	0.115678	#DIV/0!	-0.10343	#NUM!	0.42265	0.42265	0.42265
RP11-540K16.1__lin	0	0	0.705212	53.5938	34.8636	8.95763	1.82085	0	0.304513	-7.10994	-1.59158	5.518363	0.133878	0.560225	0.126934
RP11-540N6.1__linc	0	0	0	0	3.99559	6.33703	0	0	0.622921	#NUM!	#NUM!	4.052013	0.203693	0.42265	0.195999
RP11-541F9.1__linc	0	0	0	0	6.84311	34.3314	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.320928	#DIV/0!	0.320928
RP11-541F9.2__linc	0	0.233242	4.00159	0.693999	1.63787	8.52735	0.192783	0	0	-1.35854	4.457255	5.815799	0.201425	0.418473	0.291964
RP11-541G9.1__linc	0.012685	0	0.762861	0.042237	17.9124	147.888	0.09966	0	0.041505	-7.74039	2.457836	10.19822	0.35699	0.495913	0.357622
RP11-542B15.1__lin	0.435483	0.24718	0.327341	0.114231	7.15503	5.41348	0.151801	0.075217	0.074916	-3.65043	1.742053	5.392487	0.214933	0.019304	0.193867
RP11-542G1.1__linc	0	0	0	0	18.6223	18.3927	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.183519	#DIV/0!	0.183519
RP11-543A18.1__lin	0.066606	0	0.132687	0.131939	5.3323	11.0889	0.688282	0	0	-6.37607	-1.78811	4.587961	0.225127	0.555879	0.256342
RP11-543C4.1__linc	0.062387	0.110386	1.30799	6.06775	2.07946	2.10662	0.091415	0.203887	0.067659	-2.79175	2.028454	4.820205	0.204871	0.481298	0.133097
RP11-543E8.1__linc	0	0	0	0	7.52742	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-543F8.2__linc	0	0	0	0	6.76171	6.00192	1.46561	0	0	#NUM!	#NUM!	3.122466	0.184946	0.42265	0.287833
RP11-544M22.1__ar	0	0.076427	0.360707	0.477161	5.58837	281.274	1.08521	0	0.030122	-9.36047	-1.35133	8.00914	0.410455	0.655627	0.412543
RP11-545A16.1__an	0	0	0.11543	0.094379	0.218396	0.331684	0.113118	0.058196	0.02899	-2.48107	-0.79517	1.685897	0.050004	0.681391	0.25235
RP11-545A16.4__se	0.070675	0.125061	0	0	0	0.33498	0	0	0.076576	-0.77516	1.35394	2.129103	0.779434	0.577377	0.42265
RP11-545H22.1__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-545L5.1__lincl	0	0	0	0	3.98171	15.8172	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.299176	#DIV/0!	0.299176
RP11-545P7.4__anti	3.6379	1.55456	2.82704	1.18149	0	2.567	1.96797	5.04925	2.90568	1.097203	-0.30725	-1.40445	0.155119	0.716331	0.303933
RP11-546J1.1__lincl	0.631353	1.08832	0.707778	4.68369	40.6341	0	1.77935	1.10877	0.57684	-4.22256	-0.5134	3.709167	0.377181	0.481659	0.39036
RP11-547C5.2__linc	0	0	0	0	2.28728	4.85181	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.231579	#DIV/0!	0.231579
RP11-547D24.1__an	0.275045	0.202787	0.169861	0.348257	3.27574	20.9745	0.167811	0.118002	0.347973	-5.24712	0.031314	5.278431	0.342478	0.964239	0.336962
RP11-547D24.3__an	0	0	0.267483	0.176234	124.161	3.19914	0.130511	0	0	-8.89725	1.035276	9.932522	0.408363	0.734293	0.407758
RP11-548M13.1__lin	0	0	0	0	8.81394	13.3066	0.283804	0	0	#NUM!	#NUM!	6.284348	0.19984	0.42265	0.21023
RP11-549B18.1__an	0.272381	0.481914	0.435741	0	0.26072	7.82739	0.213044	0.475128	0.236535	-2.7648	0.363937	3.128734	0.461808	0.263401	0.455593
RP11-54A4.2__antis	0	0	1.47353	2.8737	3.71801	6.07427	0	0	0	-3.10361	#DIV/0!	#DIV/0!	0.017396	0.42265	0.047793
RP11-54A9.1__lincR	0	0	0	2.36479	3.68794	78.8654	0	0.026387	0	#NUM!	#NUM!	11.65202	0.379296	0.42265	0.37948
RP11-54O7.11__ant	9.23273	1.82634	34.9959	0.909962	2.24771	10.438	1.45284	21.9685	16.1247	1.760209	0.219824	-1.54039	0.277362	0.868955	0.27027
RP11-54O7.16__linc	0.192916	0.163827	0.384396	4.80025	0.944838	0.861655	0.283595	0.200871	0.134941	-3.15612	0.258856	3.41498	0.279063	0.737751	0.254173

RP11-54O7.17__linc	0.687019	0.608584	1.34208	0.288783	1.48576	5.01609	0.133272	0.850475	1.3746	-1.36427	0.161495	1.52577	0.368727	0.733496	0.308338
RP11-54O7.1__lincR	0.22897	0.05679	0.154355	2.33847	0.173971	0.351269	0.103985	0.031613	0.083984	-2.70193	1.003125	3.705059	0.340564	0.125678	0.322994
RP11-54O7.3__lincR	0.211529	0	1.14963	0.810998	24.0867	3.26252	0	0.195778	0.243701	-4.37075	1.630969	6.00172	0.360289	0.440258	0.335759
RP11-550F7.1__pse	5.64728	80.0647	53.901	97.1263	23.1569	19.1395	54.6071	46.9339	56.9514	0.001968	-0.18298	-0.18495	0.99903	0.815861	0.821466
RP11-550I24.2__pro	1.5333	2.62049	1.83932	1.95474	14.0222	1096.74	13.1219	5.61196	0.836165	-7.53657	-1.70727	5.829297	0.416447	0.347349	0.424149
RP11-550P17.5__an	0	0	0.970995	1.26217	14.7289	183.916	1.14019	0	0.064105	-7.68565	-0.31065	7.374997	0.374224	0.907545	0.378006
RP11-551L14.1__ps	1.03015	1.50333	2.04403	20.6881	2.19069	189.602	0	1.54596	0.317243	-5.53663	1.296778	6.833404	0.363512	0.2208	0.361388
RP11-552D4.1__linc	0.067086	0	0.218298	0	2.65369	25.0809	0	0	0	-6.60264	#DIV/0!	#DIV/0!	0.366187	0.278522	0.365107
RP11-552F3.10__an	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-553E24.2__lin	0	0	1.88867	0	2.86223	4.50384	0	0	0.069988	-1.96352	4.754123	6.717648	0.184333	0.42265	0.201811
RP11-553K8.2__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-553L6.2__anti	0.174586	0.136347	0.087604	0.361004	3.22332	6.94531	0.035079	0.42973	0.084566	-4.7236	-0.46308	4.26052	0.22247	0.73194	0.222898
RP11-553N19.1__lin	0	0	0.132373	0	0	6.06947	0.128846	0	0	-5.51889	0.038961	5.557851	0.42265	0.988977	0.435033
RP11-553P9.2__linc	0	0	0.053226	0.498154	2.34193	0	0.051887	0	0	-5.73767	0.03675	5.774417	0.328163	0.989602	0.324782
RP11-553P9.3__linc	0	0	0.222548	0	0	0	0.362546	0	0	#DIV/0!	-0.70405	#NUM!	0.42265	0.809997	0.42265
RP11-554A11.4__se	0.171739	0.086811	0.22083	0.162412	0.870679	0.186964	0.192006	0.214093	0.133241	-1.34771	-0.17003	1.177679	0.45501	0.777849	0.404027
RP11-554A11.6__an	0	0.048929	1.06148	0	22.2019	20.9382	1.00118	0.203794	0	-5.27987	-0.11791	5.161956	0.184698	0.962792	0.203218
RP11-554A11.8__lin	0	0	0	0	2.64656	6.59778	0.907771	0	0	#NUM!	#NUM!	3.34817	0.249209	0.42265	0.328388
RP11-554D13.1__lin	0.71119	0.829753	0	0	1.47049	2.7495	0.456832	0	0	-1.45343	1.754078	3.207504	0.468722	0.278791	0.310554
RP11-554D14.1__ps	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-554D14.2__ps	0.05839	0	0.116411	0	0.122724	0.438249	0.113416	0.189819	0.251739	-1.68222	-1.66671	0.015511	0.361808	0.083636	0.984833
RP11-554D14.6__lin	0.052431	0	0.052428	5.86019	2.17451	5.31079	0.146266	0.217563	0	-6.99177	-1.79482	5.196948	0.059805	0.383861	0.068089
RP11-554E23.2__lin	0	0	0.282159	0	7.97268	0.119154	0.256254	0	0.427087	-4.84189	-1.2761	3.565789	0.434572	0.213234	0.464182
RP11-554I8.1__lincF	0.944664	0.185595	0	0	4.20756	0	0	0.593919	0	-1.89633	0.928315	2.824646	0.569958	0.69911	0.42265
RP11-554I8.2__lincF	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-554K11.2__lin	0.094256	0	1.07304	0	6.9443	169.98	0	0	0	-7.24382	#DIV/0!	#DIV/0!	0.399742	0.374344	0.399564
RP11-554L12.1__lin	0	0	0	0	0	43.8099	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-556E13.1__an	0.871937	3.8999	0.78423	1.09686	170.785	360.244	0.79228	0.109728	0	-6.58156	2.622852	9.204412	0.232886	0.305908	0.230609
RP11-556I14.1__linc	0.16945	0.004709	0.438533	0.195436	5.1281	17.0612	0.320323	0.248603	0.136166	-5.19121	-0.20265	4.98856	0.277345	0.871989	0.289419
RP11-556I14.2__linc	0	0	1.37875	0	152.22	265.443	0	0	0	-8.24283	#DIV/0!	#DIV/0!	0.211468	0.42265	0.211946
RP11-558A11.3__lin	0	0.084034	0	0	3.21608	0.99618	0.758472	0	0	-5.64747	-3.17405	2.473427	0.274815	0.489739	0.422218
RP11-558F24.4__an	0.311342	0.163235	0.531999	0.136951	1.46095	4.49053	0.23638	0.263623	1.46807	-2.59661	-0.96733	1.629287	0.29631	0.412209	0.268596
RP11-55L3.1__lincR	0	0	0	0	4.29302	2.63515	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.205922	#DIV/0!	0.205922
RP11-560A15.3__lin	0	0	0.779861	0	1.43385	21.0896	0.675009	0	0	-4.85207	0.20831	5.060377	0.383424	0.941308	0.403557
RP11-560A15.4__lin	0	0.14141	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!

RP11-560G2.1__ant	17.1164	1.40179	0.181537	0.210437	6.31487	398.421	0.162068	1.89666	0.137426	-4.43664	3.089966	7.526608	0.440583	0.438241	0.416211
RP11-561C5.4__pse	1.97836	1.39452	4.17631	5.52844	1.55583	3.62106	1.86254	2.62515	7.71403	-0.50394	-0.69269	-0.18876	0.493392	0.283207	0.845662
RP11-561C5.5__pse	0.455381	0	0.583268	0	4.19455	438.263	0.676208	0.140808	0.374751	-8.73469	-0.19839	8.536293	0.417744	0.73593	0.418222
RP11-561I11.4__ant	0.215523	0.096785	0.904505	1.3789	2.86999	106.237	3.81118	0	0.02603	-6.50461	-1.65695	4.847661	0.401316	0.591408	0.420634
RP11-561P12.5__lin	0	0	0.27685	0.274238	1.7133	9.71093	0.135241	0	0	-5.40107	1.033572	6.434643	0.312546	0.734653	0.323047
RP11-562L8.1__proc	0	0	0	0	2.60639	106.205	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.408659	#DIV/0!	0.408659
RP11-563E2.2__anti	6.28095	1.98182	4.91079	26.8496	7.34661	3.65489	3.4603	7.1869	1.92492	-1.52269	0.067417	1.590107	0.330906	0.94763	0.377718
RP11-563J2.2__lincl	3.71759	1.14505	1.8853	6.34874	5.65124	109.907	1.4896	21.2614	0.476641	-4.17519	-1.78332	2.391866	0.385219	0.531033	0.485087
RP11-563M4.1__linc	0	0	0	0	3.37721	3.24755	0	0	1.89992	#NUM!	#NUM!	1.80193	0.18366	0.42265	0.249789
RP11-563P16.1__lin	1.72423	48.6302	4.86185	3.68815	53.505	30.7991	0.1562	0	0	-0.67228	8.465555	9.137838	0.284954	0.34989	0.179909
RP11-565A3.1__linc	0	0	0	0	11.5101	4.88598	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.242952	#DIV/0!	0.242952
RP11-565A3.2__linc	0.09893	0	0.992527	0	9.2223	86.9931	0.526264	0.34294	0.122892	-6.46194	0.137704	6.599644	0.365042	0.944189	0.370426
RP11-566F5.1__pse	27.5533	14.0556	16.9137	14.701	3.08663	4.66728	17.9679	22.6969	15.2605	1.381963	0.065493	-1.31647	0.002125	0.884747	0.142167
RP11-566K19.9__ps	0.004344	0.031761	0.244481	0.020752	7.39766	3.18068	0.154347	0.0155	0.047258	-5.23936	0.370049	5.609407	0.248711	0.852405	0.252683
RP11-567C20.3__an	0	0	0	0	2.41229	1.9747	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.187535	#DIV/0!	0.187535
RP11-567G24.1__ps	63.1856	28.5548	251.436	43.099	117.049	7.77881	55.4298	44.4557	76.843	1.031118	0.957416	-0.0737	0.610855	0.452388	0.949664
RP11-567L7.6__lincl	0	0.117545	0.403944	0.049687	13.8751	80.8629	0.988779	0.013624	0.067856	-7.50592	-1.03725	6.468668	0.33325	0.69811	0.339995
RP11-567M16.1__pr	0	0.106932	0	0	43.9205	6.55815	0.176531	0.098459	0.14641	-8.88284	-1.9785	6.90434	0.343543	0.208902	0.347455
RP11-567M16.3__lin	0.260689	0.39281	0.521939	0.19238	5.62158	10.137	0.127787	0.680635	0.536071	-3.76237	-0.19386	3.568509	0.220593	0.692433	0.219011
RP11-567N4.2__linc	0.21051	0.024534	0.230714	23.0139	17.6388	288.191	0.209344	0	0	-9.46361	1.153705	10.61731	0.344885	0.361943	0.344897
RP11-568K15.1__ps	11.8805	0.768141	13.3681	109.605	1.71421	62.8203	172.492	47.5283	51.9994	-2.74273	-3.3862	-0.64347	0.21921	0.172719	0.280611
RP11-56B16.2__pse	1.05268	1.25083	0.577253	1.78741	1.20839	4.29022	0.724058	0	0	-1.33868	1.992274	3.330954	0.328074	0.1208	0.17321
RP11-56I23.1__lincF	0	0	0	0	91.5996	5.32932	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.390091	#DIV/0!	0.390091
RP11-56L13.1__lincl	0	0.05113	0.04341	0.053185	0.337989	0.193145	0.111202	0	0.090799	-2.62776	-1.09537	1.532396	0.137697	0.527284	0.383223
RP11-56L13.7__anti	0	0.021339	0.055474	0.06931	0	0	0	0	0	0.148286	#DIV/0!	#DIV/0!	0.952556	0.253861	0.42265
RP11-570L15.2__an	0.174387	0	3.34557	10.1397	29.2622	11.9112	0	0	0	-3.8657	#DIV/0!	#DIV/0!	0.139785	0.393379	0.107146
RP11-571L19.7__an	17.2158	10.9213	12.2889	6.93004	3.64057	95.6924	8.99373	13.8404	15.6535	-1.39428	0.070889	1.465173	0.549366	0.880323	0.515192
RP11-571M6.7__ant	42.9547	29.3127	22.208	11.8266	12.2328	9.54527	7.79771	50.1917	28.4899	1.491277	0.127584	-1.36369	0.067719	0.888406	0.283646
RP11-572C15.5__lin	0	1.14163	2.28402	0	1.43705	30.3928	1.64052	0.048798	0.016202	-3.21593	1.006165	4.222096	0.416614	0.669485	0.428872
RP11-572C15.6__lin	4.74344	1.57406	0.963454	0.425605	2.33907	3.48394	0	1.11338	1.11809	0.220591	1.706133	1.485542	0.882159	0.388599	0.140452
RP11-572C21.1__lin	0	0	1.05984	0	1.33547	1.59004	0.252606	0.033131	0	-1.46484	1.891088	3.355929	0.250353	0.589985	0.264009
RP11-572M11.4__ar	10.4746	6.78355	5.75832	7.90712	248.447	899.74	4.47526	6.84341	4.13288	-5.65045	0.574915	6.225363	0.293595	0.297352	0.290072
RP11-572P18.1__ps	288.647	1022.83	146.438	54.4386	208.332	62.4509	290.592	198.908	221.918	2.164412	1.035137	-1.12927	0.232128	0.479087	0.217945
RP11-573D15.2__lin	0.081684	0.242235	0.191869	0.223034	6.70357	11.6619	0.952818	0.052709	0.064543	-5.17149	-1.05286	4.118633	0.207452	0.644649	0.244583
RP11-573D15.3__an	0	0	1.52078	0	136.332	10.8603	2.48484	0	0	-6.59675	-0.70834	5.888405	0.38454	0.808944	0.389217

RP11-573D15.8__an	128.556	0.125102	4.32319	0.141268	16.3593	78.1602	1.06549	0.2582	1.27402	0.490634	5.678089	5.187454	0.851441	0.409613	0.323409
RP11-573D15.9__an	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-574M7.2__pse	0	0	0	0	0.074838	1.9827	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.401284	#DIV/0!	0.401284
RP11-575B7.3__linc	4.59152	0.061107	0	0.682778	0	24.788	0	0	0	-2.45273	#DIV/0!	#DIV/0!	0.521033	0.415018	0.406972
RP11-575F12.1__lin	0	0.029219	2.59435	5.94125	10.078	50.8279	0.161649	0.288241	3.00957	-4.67126	-0.39902	4.272247	0.252823	0.063624	0.255421
RP11-576D8.4__linc	0.042762	0.088242	0.753745	1.40433	3.20138	11.0354	0.814012	0.011693	0.069891	-4.14393	-0.01758	4.126351	0.21323	0.993941	0.255519
RP11-576E20.1__lin	0.017899	0	0.017912	0.118744	1.03457	0	0.017534	0	0.01947	-5.00926	-0.04732	4.961937	0.379402	0.569195	0.380103
RP11-576I22.2__ant	7.83097	4.58578	2.64132	5.55362	81.4017	37.7646	2.9721	4.3682	3.52971	-3.05008	0.470184	3.520267	0.250692	0.510947	0.220618
RP11-576M8.2__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-577G20.2__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-578F21.10__p	0.012391	0.014618	0.154711	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.327003	0.327003	#DIV/0!
RP11-578F21.12__p	0.561501	0.875379	0.982511	3.59594	14.0222	10.2121	1.11284	0.520464	0.984317	-3.52394	-0.11361	3.410325	0.102542	0.825457	0.11999
RP11-579D7.4__linc	0.487141	0	0.563691	2.52659	2.67133	3.12892	1.05033	1.30373	0.647082	-2.98624	-1.51398	1.472258	0.006426	0.208494	0.037678
RP11-579O24.3__se	0.044379	0	0	0	0	0.041898	0	0	0	0.082996	#DIV/0!	#DIV/0!	0.97653	0.42265	0.42265
RP11-57A19.2__linc	0.22702	0.028179	0.151947	0.047655	2.05583	0.404465	1.20205	0.039196	1.7355	-2.62289	-2.87012	-0.24723	0.40868	0.202254	0.898928
RP11-57A19.4__pse	15.2231	45.8472	25.7436	16.2142	23.1417	16.8029	14.7685	30.1676	47.4398	0.628414	-0.08959	-0.718	0.27531	0.880056	0.335463
RP11-57G10.8__linc	0.153595	0.135902	0.115054	0.202436	0.284644	3.132	0.262168	0.083544	0.291031	-3.16123	-0.65439	2.506839	0.385665	0.371516	0.395566
RP11-57H12.2__sen	0	11.1126	1.88867	9.71639	3.14591	189.602	2.87746	0	0	-3.96094	2.175785	6.136728	0.418569	0.49757	0.392724
RP11-57H12.3__anti	1.15702	0.17157	0.339936	5.7603	4.42308	22.0771	0.08325	0.225382	0.158483	-4.27312	1.836724	6.109845	0.219255	0.363826	0.202877
RP11-57H12.5__anti	1.30718	9.23538	1.70812	2.99917	8.3839	4.24347	1.21074	11.2282	9.08951	-0.35114	-0.81338	-0.46225	0.384143	0.29946	0.422153
RP11-57H14.3__sen	0	0.853411	0	5.97399	52.1805	7.7354	0.793053	0	0.555718	-6.27067	-0.66033	5.61034	0.281353	0.778428	0.295949
RP11-580I16.2__ant	40.8285	25.5365	34.7423	19.3487	10.043	44.9238	12.9257	37.0586	44.2785	0.444152	0.101127	-0.34303	0.454847	0.875178	0.585379
RP11-582E3.2__linc	0	0	1.27817	0	5.31683	11.4758	0	0	0	-3.71568	#DIV/0!	#DIV/0!	0.221137	0.42265	0.233435
RP11-584P21.2__lin	2.5674	3.05807	0.583935	21.0961	6.30212	27.7382	1.48872	1.49623	1.44674	-3.15048	0.486598	3.637077	0.144859	0.507745	0.116857
RP11-586D19.1__lin	0	0	0.081452	0.0552	1.74042	62.7932	0.183461	0	0.063294	-9.63112	-1.59906	8.032061	0.406347	0.482322	0.408041
RP11-586L23.1__lin	0	0	0.031246	0	1.54523	0.23752	0.061079	0.068114	0.033905	-5.83429	-2.38399	3.4503	0.351333	0.168284	0.373393
RP11-587D21.4__se	1.87582	0	2.99631	7.25988	19.2939	53.1556	2.3445	0	0	-4.03212	1.055272	5.087397	0.200029	0.518809	0.21309
RP11-587P21.2__lin	0	0	0.069991	0	0	0	0.068378	0	0.037955	#DIV/0!	-0.60334	#NUM!	0.42265	0.722136	0.215002
RP11-587P21.3__lin	0	0	0	0.042526	0	52.045	0.094346	0	0	#NUM!	#NUM!	9.108765	0.422178	0.42265	0.423225
RP11-588H23.3__an	0.774364	0	1.67805	0	6.71424	7.41346	0	0	0	-2.52625	#DIV/0!	#DIV/0!	0.239563	0.233863	0.184502
RP11-589B3.6__linc	0	0	0.361249	0.079053	0.980324	0.630304	0.662467	0.327186	0	-2.22569	-1.45393	0.771756	0.247806	0.558865	0.62543
RP11-589P10.7__an	41.2417	12.5664	18.0515	14.1784	12.0699	8.24658	6.65557	23.6815	15.8702	1.058799	0.637061	-0.42174	0.250667	0.593051	0.571932
RP11-58E21.3__linc	0.960327	0.274776	0.635099	33.0882	8.18274	8.83533	0.715103	0.594414	0.578021	-4.74373	-0.01331	4.730414	0.183019	0.975401	0.187429
RP11-58E21.4__linc	0.117129	0	3.65287	2.91736	17.431	22.0771	0.114227	0.180179	0	-3.49229	3.678685	7.170979	0.125388	0.451336	0.136133
RP11-58E21.5__linc	0.537517	0	1.19557	1.63536	2.69154	6.20309	0.360807	0	0.2549	-2.60309	1.493028	4.096116	0.122827	0.325981	0.139512

RP11-58G13.1__ant	2.12925	2.05124	1.27257	217.357	1.1083	6.30801	1.85734	2.29089	0.688458	-5.36526	0.173047	5.538307	0.411838	0.482326	0.410972
RP11-593F23.1__an	0	0	4.52354	0	0.664114	15.984	0.130115	0	0.302742	-1.87983	3.38549	5.265324	0.390216	0.440713	0.403544
RP11-594C13.1__lin	0	6.42405	1.47762	0	14.05	95.6924	0.726172	0	0	-3.79582	3.443774	7.239594	0.377952	0.375305	0.349257
RP11-596D21.1__an	0	0	0	0	19.2967	66.4673	0.139813	0.96873	2.49046	#NUM!	#NUM!	4.574703	0.284574	0.223478	0.287188
RP11-597A11.2__lin	0	0.02441	0.146677	0	0.174708	0	0.12834	0	0.018751	-0.03021	0.218027	0.248242	0.990046	0.924228	0.92672
RP11-597D13.7__ps	2.88225	3.75353	0.470382	7.82835	2.37467	4.28707	2.22664	2.07613	1.46414	-1.02792	0.301272	1.329196	0.333663	0.624095	0.198025
RP11-597D13.9__an	24.0145	28.0512	5.21947	6.97779	6.87749	53.1556	2.66386	0.702426	0	-0.22623	4.088932	4.315166	0.898099	0.112757	0.315562
RP11-598D14.1__lin	0	0	0.494472	0.629085	111.579	0	0	0	0	-7.82607	#DIV/0!	#DIV/0!	0.421968	0.42265	0.419404
RP11-598F7.1__linc	0	0.078035	0.187373	0.250942	0.994745	0.554107	0.520615	0	0.151319	-2.76155	-1.34011	1.42144	0.130414	0.555194	0.411537
RP11-598F7.4__anti	0	0	0.30987	0	0	0	0.092565	0.198943	0	#DIV/0!	0.08813	#NUM!	0.42265	0.972079	0.23298
RP11-598F7.6__linc	0	0	0	0.200719	5.49439	20.9694	0.549098	0	0.296573	#NUM!	#NUM!	4.97868	0.289851	0.217639	0.303217
RP11-599B13.7__lin	2.61748	10.4291	9.67147	8.79112	4.98772	2.86093	23.3692	11.627	21.9611	0.449204	-1.32604	-1.77525	0.671477	0.181364	0.066226
RP11-599J14.2__ps	0.597494	0	5.33889	2.73377	2.7954	23.0868	0.301229	0	1.74031	-2.26916	1.539927	3.809091	0.276302	0.377224	0.291842
RP11-59E19.1__linc	0.522696	0.741269	28.039	1.76095	0.066698	1.77433	1.21493	3.32715	0.033975	3.024186	2.678871	-0.34532	0.435853	0.492544	0.849468
RP11-59H7.3__sens	1.48734	2.527	1.93328	3.07953	3.81619	18.2332	2.83843	1.27188	1.71715	-2.07896	0.029445	2.10841	0.325894	0.962636	0.333216
RP11-59J16.1__lincf	0.14158	0.042884	1.16726	0.132745	2.59772	14.8016	0	0.062472	0.242266	-3.69712	2.149157	5.846281	0.32656	0.354171	0.327005
RP11-5K23.5__antis	0	0	0.087218	0	0.091185	2.70134	0	0	0	-5.0008	#DIV/0!	#DIV/0!	0.402874	0.42265	0.403501
RP11-5P18.10__pse	0	0	1.39149	0	2.5575	15.2483	0	0	0	-3.67764	#DIV/0!	#DIV/0!	0.32745	0.42265	0.335102
RP11-5P22.3__lincR	0	0	0	0	1.04426	0	0.330758	0	0	#NUM!	#NUM!	1.658633	0.42265	0.42265	0.623933
RP11-5P4.1__lincRN	0	0	0.130799	0	6.61316	0	0	0	0	-5.65992	#DIV/0!	#DIV/0!	0.43418	0.42265	0.42265
RP11-603J24.17__a	19.347	9.87234	12.4171	9.29038	3.00388	5.45853	8.49325	18.0928	15.9627	1.229801	-0.03127	-1.26107	0.016892	0.962563	0.222061
RP11-603J24.4__an	14.4163	15.9654	12.61	6.44287	6.98254	4.89373	11.2825	18.7838	21.7603	1.230706	-0.26963	-1.50034	0.002202	0.49368	0.085164
RP11-603J24.5__an	1.82358	0.782802	1.0768	1.92657	2.81032	1.90557	0.443128	1.52704	0.968771	-0.85076	0.325657	1.176422	0.220835	0.726662	0.016321
RP11-606D9.1__linc	0	0	0	0	0	27.9176	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-608B3.1__linc	0	0	0	0	0.923059	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-608O21.1__lin	0	0	3.00519	0	33.4227	248.682	0	0	0	-6.55263	#DIV/0!	#DIV/0!	0.350092	0.42265	0.35089
RP11-60A24.3__linc	1.45671	1.34304	1.28649	1.81231	110.778	56.3324	1.35328	1.78645	2.54289	-5.36945	-0.47578	4.893663	0.223114	0.310311	0.224581
RP11-60A8.1__lincR	0	0	1.84249	0.106647	24.4269	35.5945	2.8377	0	1.56863	-5.02831	-1.25792	3.770389	0.192319	0.480781	0.233567
RP11-60A8.2__lincR	0	0	0.17479	0	2.58349	0	0	0	0.931174	-3.88563	-2.41343	1.472199	0.462939	0.42265	0.652621
RP11-60H5.1__lincR	0.009336	0.033026	0.13091	0.074535	1.86977	2.16286	0.653644	0.040856	0	-4.56704	-2.00294	2.564096	0.171033	0.542323	0.318485
RP11-611E13.2__an	19.659	13.0973	11.6131	5.80569	127.411	1165.46	9.32545	25.0507	13.8774	-4.87133	-0.12107	4.750263	0.375485	0.859511	0.375561
RP11-613C6.2__anti	7.66307	4.86489	5.16568	2.88902	3.22171	5.29533	4.28349	7.86303	9.92886	0.63343	-0.31921	-0.95264	0.281244	0.614649	0.081282
RP11-613D13.5__an	6.75886	5.79632	5.15618	9.58537	5.2196	67.1655	8.05344	7.65347	1.76025	-2.21043	0.02003	2.230459	0.402349	0.965455	0.431161
RP11-613D13.8__lin	5.0228	1.05687	0	0	5.06763	0	0.749411	0	0	0.262682	3.020164	2.757482	0.909096	0.300925	0.513322
RP11-614F17.2__lin	0	0	0	0.069929	0.109715	0	0.056974	0	0	#NUM!	#NUM!	1.656778	0.20282	0.42265	0.358927

RP11-615I2.1__antis	0	0	0.221608	0.820096	17.5071	56.3324	0.581047	0	0.280333	-8.39617	-1.95864	6.437534	0.268907	0.36752	0.274434
RP11-616L12.1__lin	0	0	0.248309	0	1.53903	2.46354	0	0	0	-4.01072	#DIV/0!	#DIV/0!	0.196434	0.42265	0.20445
RP11-617D20.1__an	18.8448	16.1441	16.0956	9.11205	19.2078	40.2585	12.0632	19.7777	18.1605	-0.42487	0.030917	0.455785	0.614926	0.9215	0.519072
RP11-617I14.1__linc	0	0	0	0	2.71568	1.05052	0.59729	0	0.165024	#NUM!	#NUM!	2.304652	0.253237	0.289745	0.405693
RP11-618G20.1__pr	4.01292	2.58225	2.2152	4.99716	7.91174	36.5986	1.24216	1.61691	1.40488	-2.49037	1.047012	3.537385	0.324967	0.137673	0.273375
RP11-619I22.1__ser	0	0.409892	0	0	0	0	1.90593	0	0	#DIV/0!	-2.21718	#NUM!	0.42265	0.556946	0.42265
RP11-61A14.1__anti	0.288612	0.340988	2.30478	2.55127	3.72062	4.37217	2.49541	1.99925	3.59847	-1.85892	-1.46364	0.395279	0.02438	0.022997	0.219959
RP11-61A14.4__linc	0.060859	0.071762	0.111741	0.094449	0.162889	0.097254	0.1493	0.077666	0.09948	-0.53714	-0.41783	0.119313	0.35189	0.470378	0.839703
RP11-61G19.1__linc	0	0	0.185409	0	2.49635	8.00528	0.269862	0	0	-5.82376	-0.54151	5.282248	0.274416	0.85108	0.295895
RP11-61J19.3__lincI	0	0	0.439557	0	0.15065	0.691154	0	0	1.09651	-0.93743	-1.3188	-0.38136	0.208061	0.42265	0.659946
RP11-61O1.1__lincR	0	0	7.15522	2.16565	10.6731	19.7429	1.81678	0	0	-2.18699	1.977612	4.164604	0.118054	0.582493	0.208671
RP11-620J15.2__lin	0.106993	0.058745	2.16385	0.463705	3.96303	48.7524	1.35873	0.067383	0.089474	-4.51271	0.620198	5.132911	0.372065	0.806025	0.389107
RP11-622J8.1__lincI	0	0	0	0	2.01005	2.65704	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.191238	#DIV/0!	0.191238
RP11-624A4.1__linc	0	0	0	0	5.59342	16.7206	0.189202	0	0	#NUM!	#NUM!	6.881879	0.269313	0.42265	0.27555
RP11-624D11.2__lin	0	0	0	0	1.9451	12.3699	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.339975	#DIV/0!	0.339975
RP11-624J12.1__linc	0.02711	0.031969	0.360014	0.090055	1.72233	9.52049	0.146207	0.044452	0	-4.7571	1.136275	5.893377	0.323581	0.652389	0.33457
RP11-624L4.1__anti	2.09592	3.79353	3.47662	115.868	136.332	677.315	1.87105	3.84035	3.48234	-6.63289	0.026792	6.659682	0.236833	0.566969	0.236714
RP11-625I7.1__lincF	0.695936	0	0	11.4028	66.5216	3.48562	0.349747	0	0	-6.87011	0.992643	7.862751	0.309296	0.42265	0.306907
RP11-625L16.1__lin	0	0	0.32745	0	2.16939	200.888	0.540631	0.211183	1.66915	-9.2764	-2.88624	6.390162	0.416439	0.173184	0.418572
RP11-626G11.1__lin	0	1.30965	0.348094	0.589045	0.945946	0.610252	0.096994	0.324614	16.4917	-0.37192	-3.35087	-2.97895	0.619784	0.455432	0.463793
RP11-626H12.3__lin	0.053492	0.157699	0.508778	2.50156	0.486178	45.9273	0.340051	0.094779	0.189312	-6.0862	0.206062	6.292261	0.388259	0.872445	0.391126
RP11-626P14.2__lin	3.69126	22.7432	1.94375	5.47678	6.28294	2.87554	0	1.87212	2.34148	0.955335	2.751658	1.796323	0.521529	0.341873	0.146817
RP11-627G23.1__pr	4.62296	6.54181	1.67433	9.48922	5.79197	61.9657	0.422641	3.19011	8.79966	-2.58893	0.048761	2.637693	0.385277	0.972396	0.306764
RP11-629G13.1__an	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-62G11.2__linc	0	0	0	0	0.558991	0.498069	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.184856	#DIV/0!	0.184856
RP11-62L18.3__lincI	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-630C16.1__lin	0	0	0	0.424588	0	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-630D6.5__anti	37.0322	1.04226	2.31749	5.27394	12.5759	87.1176	0.889882	16.0827	5.61252	-1.3778	0.838696	2.216499	0.591572	0.738305	0.417815
RP11-631N16.2__an	0.726967	1.58836	0.792735	4.49302	5.45266	16.6121	1.06932	2.32957	3.68659	-3.09505	-1.18885	1.906197	0.189994	0.236283	0.181252
RP11-632B21.1__lin	0	0	0	0	0	3.15043	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-632K5.3__linc	0	0	0	0	0	2.40994	0.557636	0	0	#NUM!	#NUM!	2.111602	0.42265	0.42265	0.567666
RP11-634B22.4__lin	0	0	0	0	2.27961	1.8544	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.187788	#DIV/0!	0.187788
RP11-634B7.4__anti	0	0.141428	0.178777	0.053002	13.6958	67.6526	1.14754	0.065462	0	-7.98991	-1.92151	6.0684	0.319805	0.557117	0.329233
RP11-635N19.1__an	0	0	0	0	1.61476	2.13128	0.233164	0	0	#NUM!	#NUM!	4.005949	0.191156	0.42265	0.244368
RP11-636O21.1__lin	0.037123	0	0.074163	0	110.778	63.8248	0	0	0	-10.6156	#DIV/0!	#DIV/0!	0.21179	0.225289	0.211515

RP11-637A17.2__lin	0	0	0	0	15.6804	12.8676	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.187438	#DIV/0!	0.187438
RP11-638F5.1__linc	0.011995	0	1.00972	0.200566	170.886	432.287	0.778475	0.045735	0.373966	-9.20592	-0.22985	8.976068	0.250337	0.897801	0.251483
RP11-638L2.4__antis	0	0.20027	0.617163	0	9.69533	9.07124	0.081907	0	0	-4.52092	3.319045	7.839966	0.184873	0.350672	0.187532
RP11-638L3.1__lincl	1.39981	0.372497	0.431887	0.240437	110.778	73.0158	0.150188	0.58588	0.610498	-6.38358	0.710966	7.094545	0.205501	0.613232	0.200049
RP11-63A11.1__anti	0	0.799528	1.3994	3.17929	67.5734	24.3722	0.780143	0.031959	0.249678	-5.43495	1.050316	6.485266	0.241005	0.586394	0.243208
RP11-63B13.1__linc	0.013171	0	0.039561	0	0	4.26256	0.038749	0.057596	0.04303	-6.33688	-1.40221	4.934671	0.424453	0.207435	0.435909
RP11-63B19.1__linc	0	0	0.146866	0	0.019578	0.262865	0.125793	0	0	-0.94346	0.223449	1.166909	0.334616	0.937083	0.690342
RP11-63N8.3__antis	0	0	0.370543	0	1.75245	1.79162	0.040193	0	0	-3.25769	3.204621	6.462315	0.187919	0.488277	0.192916
RP11-640M9.2__pse	24.8295	7.14489	8.56373	28.39	4.87563	29.9723	3.75315	6.65004	8.06539	-0.64151	1.134206	1.775717	0.399396	0.395778	0.217112
RP11-640N20.6__ps	0	0	0.660933	0.523138	0.971324	7.05118	0	0	0.196897	-3.69261	1.747063	5.439676	0.298012	0.42265	0.305704
RP11-640N20.9__ps	26.949	45.4719	26.0337	19.4448	10.9369	22.5233	11.3214	23.2958	53.9001	0.896055	0.153499	-0.74256	0.259518	0.852479	0.40726
RP11-641A6.5__pse	8.51619	3.74295	1.93074	4.50365	53.071	4.31206	2.37213	7.09293	1.98236	-2.12477	0.30984	2.434607	0.444223	0.773747	0.368118
RP11-642P15.1__ps	206.139	115.211	134.989	89.116	55.8512	73.0158	75.1717	186.951	173.616	1.06589	0.066643	-0.99925	0.05169	0.922891	0.2419
RP11-643M14.1__ar	0.305355	0.402874	0.425858	0.3995	0.235667	0	0.108109	0	0.392311	0.836323	1.18032	0.343997	0.383311	0.186681	0.856609
RP11-644C3.1__linc	0.960867	1.51261	0.974426	0	39.9278	216.364	0	0	0	-6.21592	#DIV/0!	#DIV/0!	0.332789	0.024094	0.327461
RP11-644L4.1__lincl	0	0	0	0	0	7.78304	0.158611	0	0	#NUM!	#NUM!	5.616769	0.42265	0.42265	0.434533
RP11-646E18.4__lin	0.135267	0	0.108199	0.143154	0.460391	0.283151	0.158706	0.117981	0	-1.86472	-0.18453	1.680185	0.246066	0.88145	0.207836
RP11-646E20.6__ps	0	0.010767	0.219506	0.136384	2.49763	6.07571	0.089627	0.019981	0.05972	-5.24121	0.443527	5.684735	0.230712	0.808181	0.24216
RP11-648F7.1__linc	0	0.05792	0.073771	0.016323	0.183897	1.63612	0.060221	0.067132	0.093624	-3.80161	-0.74674	3.054869	0.372136	0.19548	0.397343
RP11-64C1.1__lincR	0	0	0.057487	0	0.18388	0.10972	0.056268	0.083645	0.041652	-2.35254	-1.65917	0.69337	0.286861	0.297996	0.515805
RP11-64C12.3__pse	0.039928	0.052184	2.2474	0.013061	0.149755	6.50091	3.22814	0.021824	0.080286	-1.51012	-0.50942	1.000698	0.413219	0.851625	0.732017
RP11-64C12.8__linc	0	0	0.884115	0	34.9951	43.0083	0.07165	0	0	-6.46316	3.625191	10.08835	0.18697	0.471173	0.188525
RP11-64D22.2__pse	2.24093	12.9614	0.656962	2.02644	4.55845	11.7262	95.4319	25.0027	1.69824	-0.20739	-2.94505	-2.73766	0.898155	0.347067	0.376525
RP11-64D24.2__anti	46.8471	7.84187	17.3329	4.77702	100.521	899.74	1.90684	6.98383	10.029	-3.80267	1.928548	5.731219	0.393558	0.326748	0.3636
RP11-64D24.4__anti	0	0	1.43762	0	2.06162	337.008	0	0	0	-7.88176	#DIV/0!	#DIV/0!	0.419114	0.42265	0.419129
RP11-64I17.1__lincF	0	0	0	0	3.61486	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-64J4.2__sens	0	0.034996	0.088972	0	10.9162	73.2715	0.172366	0	0.048281	-9.4075	-0.83178	8.575723	0.344017	0.690808	0.345175
RP11-64K12.10__se	0.077078	0	0.154249	0.127781	0.143899	2.10552	0.094359	0.021041	0.062865	-3.36126	0.375913	3.737173	0.367002	0.67872	0.379681
RP11-652G5.1__pse	0	0	0.545392	0.355547	3.0294	5.53662	0.970427	0.196993	0.293597	-4.03193	-1.42161	2.610324	0.173257	0.482607	0.281008
RP11-653G8.2__linc	0	0	0.103212	0	2.30727	0	0	0	0	-4.4825	#DIV/0!	#DIV/0!	0.449028	0.42265	0.42265
RP11-654A16.3__an	0.855268	0.552559	1.74436	0.859824	9.40814	152.669	1.40288	0.517519	0.207115	-5.69182	0.567184	6.259001	0.389805	0.637558	0.392075
RP11-654C22.2__lin	0	0.182457	0.752973	0.20382	1.61844	683.741	0.48876	0	0	-9.51744	0.936503	10.45395	0.421265	0.718481	0.421525
RP11-654D12.3__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-655G22.1__lin	0	0	0.080221	0	0.475189	12.0881	0.155909	0	0	-7.29102	-0.95866	6.332366	0.400272	0.750773	0.407907
RP11-655H13.2__lin	0	0	1.13321	0	2.73621	6.47636	0.080232	0	0	-3.02319	3.820094	6.843282	0.222953	0.464866	0.25011

RP11-655M14.13__l	0.687788	0.076399	0.648563	1.49341	1.4508	0.146291	2.06525	0.593231	1.57931	-1.12933	-1.58481	-0.45547	0.420114	0.063118	0.624754
RP11-656A15.1__lin	0	0	1.37048	0	1.85545	183.916	1.77113	0	0	-7.0827	-0.36999	6.712715	0.416811	0.896709	0.422441
RP11-659G9.3__sen	0.735547	5.49987	3.95972	12.5239	14.2549	51.6337	1.17291	3.22596	1.54664	-2.9432	0.778009	3.721211	0.210464	0.266375	0.203495
RP11-65D24.1__sen	0	0.762496	0.874901	7.27895	29.7198	222.268	1.17403	0.127935	0.190996	-7.30689	0.133228	7.440117	0.33418	0.944391	0.335964
RP11-65J21.1__lincf	0	0	0	0.38877	0.857224	4.59397	0.674922	0	0	#NUM!	#NUM!	3.113167	0.280995	0.42265	0.363087
RP11-65J21.3__lincf	1.30916	8.54	1.87995	2.18211	4.30626	3.34219	2.81747	0.711137	1.47359	0.254748	1.22946	0.974712	0.759801	0.513504	0.320291
RP11-65J21.4__lincf	0	0.080936	0.668183	0	4.88073	4.63358	0.326533	0	0	-3.66683	1.197965	4.864798	0.187178	0.673864	0.212718
RP11-65L3.1__lincR	0	0	0	0.116753	0.093777	0.335182	0.345838	0.096443	0.143956	#NUM!	#NUM!	-0.10334	0.141773	0.125006	0.921597
RP11-65M17.3__linc	0.597641	0.992299	0.432378	3.5395	8.30495	238.001	1.12297	0	1.6418	-6.94888	-0.45115	6.497733	0.39806	0.740249	0.396864
RP11-661C8.2__linc	0	2.00196	4.41798	3.58859	6.23161	2.91377	1.04227	0	0	-0.98805	2.622831	3.610881	0.36571	0.374174	0.079765
RP11-661D19.3__lin	0	0	0	0	1.87507	16.128	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.359838	#DIV/0!	0.359838
RP11-661G16.2__an	0	0	0.046326	0.1434	2.97864	11.212	0	0	0.083954	-8.27341	-0.85779	7.415624	0.286234	0.42265	0.285868
RP11-661P17.1__lin	6.52801	2.23796	2.39809	26.7649	4.68023	95.6924	3.91431	2.81852	4.18613	-3.50946	0.032026	3.541483	0.298841	0.956047	0.288714
RP11-662M24.1__lin	0	0	0.770544	0	1.34651	0.135842	1.78729	0	0.469663	-0.94394	-1.55043	-0.60649	0.723927	0.526506	0.802336
RP11-664D1.1__anti	0	1.02632	0	0	2.98281	12.2651	0.08562	0	1.87708	-3.89306	-0.93536	2.9577	0.338911	0.747498	0.290328
RP11-664H17.1__lin	0.698766	0.258706	2.131	0	29.1231	6.92982	0	0	0.078479	-3.54515	5.29845	8.843601	0.349753	0.204144	0.305778
RP11-665G4.1__ant	30.907	28.5197	630.833	5.62684	370.636	238.001	25.4546	30.6921	20.6424	0.168281	3.168166	2.999885	0.915871	0.419573	0.231865
RP11-665I14.1__linc	0	0	0	0	152.22	48.7652	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.274033	#DIV/0!	0.274033
RP11-665J16.1__an	8.63095	2.89656	2.24976	4.3563	285.253	18.2332	0.33403	4.63922	8.06763	-4.48183	0.079249	4.561079	0.399738	0.958651	0.393919
RP11-666A8.9__anti	0	0	0	0	0	16.6316	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-666E17.1__lin	0	0	0	0.15562	32.6892	35.4981	0	0	1.76843	#NUM!	#NUM!	5.272251	0.182338	0.42265	0.181695
RP11-667K14.5__an	0	2.1241	1.28052	0	1.38583	10.7446	0	0	0.44357	-1.83307	2.94026	4.773325	0.4693	0.251191	0.350825
RP11-669I1.1__lincF	0	0	0.080527	0.213094	1.66681	17.7696	0.131244	0.058539	0	-7.93081	-1.23682	6.693998	0.364154	0.617077	0.370317
RP11-669M16.1__lin	0.436163	0	0.68801	0	2.57613	23.9621	0	0	0	-4.56114	#DIV/0!	#DIV/0!	0.3735	0.203253	0.364243
RP11-669M2.1__linc	0	0	0.231377	0	1.07485	212.705	0	0	0	-9.85166	#DIV/0!	#DIV/0!	0.419736	0.42265	0.41974
RP11-669N7.2__anti	0	0.220914	0.184092	0	0	19.0158	0.148579	0.044047	1.57004	-5.55311	-2.12174	3.431368	0.429462	0.442129	0.429047
RP11-669N7.3__linc	0.058823	0	0	0.138677	0	0	0	0	0	-1.23728	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
RP11-66A2.2__lincR	0.110718	0.086743	0	0.173758	1.94384	13.0602	0.2596	0.194647	0.528333	-6.26425	-2.315	3.949244	0.344369	0.189709	0.352312
RP11-66B24.4__anti	0	1.04489	3.17061	0	2.05099	12.5965	1.27089	0	1.3222	-1.79688	0.701031	2.497909	0.364634	0.621473	0.39637
RP11-66B24.5__linc	0	0.187178	1.92754	0	70.7841	30.7991	0.770072	0	0.1012	-5.58605	1.27927	6.865323	0.247066	0.639402	0.246402
RP11-66B24.8__linc	0.031336	0.137246	0.342362	0.10584	2.67898	1.94755	0.234056	0.177748	0.196205	-3.21133	-0.25093	2.960398	0.189502	0.778649	0.220839
RP11-66D17.3__linc	0.014047	0.016562	0.175899	0.879326	10.7243	8.37941	0.473342	0.038436	0.099568	-6.59643	-1.56579	5.030641	0.15527	0.498542	0.173029
RP11-66N24.4__anti	4.81923	8.14732	4.99529	9.21787	6.37034	74.287	3.46526	5.55846	4.34259	-2.32299	0.426334	2.749322	0.402205	0.11369	0.370631
RP11-672L10.1__lin	0	0	2.39859	0.153917	0.370997	21.9843	0.151881	0	0	-3.23026	3.981173	7.21143	0.407301	0.460289	0.412937
RP11-672L10.3__an	0.018524	0.021842	0.092764	0.098592	2.06763	22.9028	0.036361	0.374916	0.373513	-7.55693	-2.55948	4.997455	0.371369	0.166589	0.379428

RP11-673C5.2__anti	65.7405	0.080665	0.027394	43.3972	2.66782	51.4972	0.02683	0.014955	0.014897	-0.56717	10.18207	10.74924	0.674027	0.421963	0.164369
RP11-673E1.4__anti	0.108404	0.479875	4.14301	0.029518	4.46518	23.6573	0.503478	0	0	-2.57293	3.232233	5.805165	0.321093	0.417353	0.33708
RP11-673E11.2__lin	0	0	0.22169	0	0.337994	0.665691	0.186061	0.069143	0	-2.17869	-0.20311	1.975584	0.190904	0.934975	0.417332
RP11-674N23.1__an	0	0	0	0	3.17341	4.80788	1.02766	0	0	#NUM!	#NUM!	2.957259	0.200104	0.42265	0.313929
RP11-674P19.2__lin	2.7844	0.34122	0.260699	0.2114	4.14333	0.138446	0.070919	0.158124	0.078753	-0.40802	3.459672	3.86769	0.860851	0.347923	0.394094
RP11-676J15.1__linc	0	0	0.33067	0	170.886	43.3722	0	0	0	-9.33974	#DIV/0!	#DIV/0!	0.299121	0.42265	0.29836
RP11-677M14.3__ar	0.436701	0.404063	1.1592	2.65308	0.605647	2.50074	0.908978	0.848205	0.600999	-1.52596	-0.2377	1.28826	0.164722	0.758252	0.241895
RP11-677M14.7__ar	2.57917	1.74462	2.51765	2.02767	100.539	4.55734	1.40915	2.55104	2.48888	-3.96884	0.085209	4.054047	0.414087	0.840614	0.406962
RP11-677O4.2__linc	0.015662	0	0.047066	0.02085	0.058739	0.383326	0.046129	0	0.102457	-2.88358	-1.24414	1.639448	0.323217	0.215875	0.369994
RP11-678G14.2__ar	0.05324	0.020926	1.20414	0.188937	0.171081	30.0971	0.875901	2.28318	0.087052	-4.57447	-1.34449	3.229986	0.416952	0.571881	0.477928
RP11-678G14.3__lin	0.087254	0.051855	0.472119	0	0.078325	116.386	0.100586	0.525112	0.159565	-7.57396	-0.36147	7.212496	0.422953	0.822885	0.425373
RP11-678G15.1__se	0.346371	0.090776	0.327329	0.127606	0.143702	0.146993	0.056538	0.357198	0.188335	0.869929	0.344537	-0.52539	0.307014	0.775413	0.536238
RP11-678G15.2__ar	0	0	0	0	0.074522	3.10033	0.068391	0	0	#NUM!	#NUM!	5.536735	0.408943	0.42265	0.421816
RP11-679C8.2__anti	10.0873	6.82001	11.8828	5.97611	15.6804	216.364	11.5851	9.0313	13.7429	-3.04744	-0.25513	2.792313	0.409913	0.012088	0.42022
RP11-67M1.1__antis	0	0	0	0	0.035831	3.47812	0.671613	0	0	#NUM!	#NUM!	2.387392	0.416733	0.42265	0.536767
RP11-680B3.2__anti	3.04205	0.384381	0.362411	1.46548	4.40715	24.048	0.165909	16.2067	8.79451	-2.98131	-2.73171	0.2496	0.373363	0.320264	0.85801
RP11-680E19.1__ps	0	0	0	0.092062	2.05927	105.531	0.824488	0	0.395563	#NUM!	#NUM!	6.463696	0.410992	0.229719	0.41549
RP11-680F20.10__li	0	0.212005	0.089828	0	0.477379	53.9086	1.53927	0	0.227473	-7.49334	-2.54927	4.944071	0.41981	0.457803	0.434325
RP11-680F20.9__an	4.91102	2.55	2.86461	1.34094	3.09834	4.06134	3.54516	3.21206	3.23503	0.28059	0.047348	-0.23324	0.723086	0.876807	0.634586
RP11-680F8.1__anti	0.070366	0.069146	0.064589	0.265071	2.89741	0.471934	0.08053	0.064122	0.368468	-4.15438	-1.33002	2.824354	0.308505	0.41329	0.365727
RP11-680F8.4__sen	0.603932	0.958856	0.650537	0.338432	0.272166	0.420652	0.545509	0.304123	0.277608	1.101821	0.973421	-0.1284	0.11515	0.170297	0.781554
RP11-685M7.3__ant	154.771	94.2243	127.803	69.7606	28.7364	32.2794	67.7795	163.237	134.485	1.52669	0.043915	-1.48278	0.011319	0.94137	0.197824
RP11-685M7.5__ant	0	0.436011	0	0	2.90551	0	1.13334	0	0	-2.73635	-1.37814	1.358211	0.42265	0.668453	0.671929
RP11-686F15.2__lin	0	0	0.784951	0.168259	0	8.24722	0	0	0	-3.42237	#DIV/0!	#DIV/0!	0.409782	0.42265	0.410993
RP11-687F6.1__linc	1.00099	0.683365	0.369768	1.96731	0.278875	0.099622	0.617974	0.229814	0.400095	-0.19156	0.71904	0.910601	0.844335	0.216906	0.541743
RP11-688I9.4__lincF	0	0.031137	1.68109	0.087724	4.1479	4.94154	0.128245	0.043299	0.014377	-2.42217	3.203112	5.625286	0.179419	0.472859	0.190533
RP11-689B22.2__an	3.97759	0.433786	6.54396	0.687848	1.40233	5.83093	0.135331	3.20646	2.29184	0.46786	0.959497	0.491637	0.499868	0.517391	0.670708
RP11-689P11.2__lin	0	0	4.9304	10.008	104.557	46.9181	1.09137	0	1.11453	-5.03353	1.160337	6.193872	0.200948	0.603668	0.196848
RP11-68I3.2__antise	3.40791	3.47701	4.65303	85.0404	775.751	131.998	12.7092	8.44703	6.29047	-6.42703	-1.25025	5.176783	0.280098	0.139362	0.286275
RP11-690C23.4__ps	0.034045	0.120485	1.0107	0.08987	1.62413	1.80987	0.298425	0	0	-1.59655	1.965175	3.56172	0.200723	0.52412	0.237011
RP11-690I21.2__ser	0.082719	0.181148	1.04854	0.314215	0.177003	3.02986	0.092734	0.025844	0.077235	-1.4238	2.744669	4.168472	0.36075	0.344648	0.352449
RP11-690J15.1__linc	0	0	0.435629	2.29727	12.8794	1277.67	1.72205	0.479813	0.079501	-11.5352	-2.38872	9.146439	0.41582	0.415377	0.416814
RP11-691H4.4__anti	0	16.1817	1.35055	2.76101	3.62757	637.067	1.47695	0	11.5686	-5.19776	0.426453	5.624211	0.43166	0.865046	0.418127
RP11-692D12.1__an	4.33823	1.32384	1.15056	3.67161	16.1248	7.44449	1.19634	2.37077	1.87891	-1.99949	0.32301	2.3225	0.267319	0.767313	0.163483
RP11-693J15.4__an	0.308991	0.121537	0	0	3.18647	21.7368	0	0	0	-5.85524	#DIV/0!	#DIV/0!	0.355885	0.251386	0.345014

RP11-694I15.7__pse	0.119833	0.831047	1.37875	0.264822	29.883	148.178	0.176015	0.04361	0.065147	-6.25827	3.032222	9.290493	0.32099	0.22966	0.319658
RP11-696F12.1__lin	0	0	0.852699	1.05414	0	3.09261	0	1.88343	0.215049	-2.28187	-1.29924	0.982637	0.231762	0.638284	0.67124
RP11-696N14.1__an	11.4878	9.29867	9.29166	5.83276	48.4548	189.602	5.33348	64.18	6.80245	-3.01944	-1.34327	1.676172	0.331287	0.5171	0.472688
RP11-697E2.4__linc	0.21878	0.129209	0.325529	0	4.87809	3.3754	0	0	0.815936	-3.61522	-0.27674	3.338476	0.225178	0.851128	0.220503
RP11-697E2.7__pse	0	0	1.3954	1.85384	4.59613	10.4338	0.922239	0	0	-3.59689	0.597466	4.194353	0.132493	0.836676	0.194406
RP11-697E22.2__an	9.74873	9.64063	6.78037	5.31688	12.0936	9.17428	20.1431	9.20654	14.3922	-0.0227	-0.74111	-0.71841	0.957231	0.212981	0.380144
RP11-699L21.1__lin	0.027919	1.51014	25.3993	0.350809	11.462	19.0677	2.77106	0.193189	0.192244	-0.19709	3.093214	3.290302	0.807065	0.459241	0.276256
RP11-69C17.2__linc	0	0	0.971501	0	0	0	0	0	0.103511	#DIV/0!	3.230431	#NUM!	0.42265	0.42265	0.42265
RP11-69C17.3__linc	0	0	0	0	0	1.92791	0	0	0.013969	#NUM!	#NUM!	7.108675	0.42265	0.42265	0.42265
RP11-69C17.4__linc	0	0	3.15562	0	2.97004	7.15577	1.42266	0	0	-1.68204	1.149333	2.831374	0.192277	0.710955	0.362112
RP11-69E11.4__anti	0	10.6187	1.60625	2.62581	2.01466	34.48	0	1.97047	0	-1.6781	2.633217	4.311312	0.544394	0.326928	0.379738
RP11-69H14.6__sen	0.046573	0.125061	0.148443	0.137396	9.83157	21.609	0.974286	0	0.268017	-6.62436	-1.95653	4.667829	0.233806	0.435794	0.25508
RP11-69H7.2__antis	0	0.094285	0.396	0.145756	1.93057	3.86577	0.17614	0.043641	0	-3.59928	1.157554	4.756833	0.198761	0.642091	0.232003
RP11-6B19.2__lincR	0	0	0	0	0	1.54503	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-6B4.1__lincRN	1.16859	0.027798	0.416868	0.164914	11.5491	2.87051	0.63973	0.025779	0.03852	-3.17639	1.19627	4.372661	0.366542	0.192724	0.325185
RP11-6C14.1__lincR	0	0	1.60312	0	3.21054	3.28262	0	0	0	-2.01804	#DIV/0!	#DIV/0!	0.220802	0.42265	0.183554
RP11-6F2.5__lincRN	0.096376	0	0	2.47583	1.95775	0	0.47434	0	0	-5.52365	-2.29917	3.224479	0.187336	0.42265	0.183553
RP11-6J21.2__lincR	0.072229	0	0.804835	20.6801	8.05371	43.0083	2.23777	0	0	-6.35399	-1.35131	5.002687	0.141395	0.659951	0.154901
RP11-6L6.3__lincRN	0.181624	0	0.16008	0	10.949	13.181	0.235095	0	0.208437	-6.14194	-0.37629	5.765646	0.192746	0.184531	0.194482
RP11-6L6.7__antisei	0.189887	0	0	0	0.100194	0.402801	0	0	0	-1.4054	#DIV/0!	#DIV/0!	0.603957	0.42265	0.300358
RP11-6N17.1__lincR	0	0	0.785168	0	2.6749	3.56688	0.324393	0	0.180046	-2.99088	0.638322	3.629206	0.18366	0.763936	0.234633
RP11-6N17.9__proci	37.8162	25.2265	26.6089	23.9643	8.39011	34.4135	30.4301	39.8647	49.9063	0.425174	-0.42305	-0.84822	0.429466	0.380883	0.135183
RP11-700H6.1__linc	0.146422	1.61452	0.296401	0.233386	1.23925	0.350261	1.15607	0.330411	0.526013	0.174549	0.031798	-0.14275	0.652003	0.984303	0.916247
RP11-701B16.2__pri	17.1164	10.3212	9.99237	6.17443	2.21429	31.4069	5.21947	10.1839	5.07479	-0.08842	0.870108	0.958524	0.946181	0.239772	0.594855
RP11-701I24.3__ant	0	0	0	1.94877	0	1.76299	0.212634	0	0	#NUM!	#NUM!	4.125659	0.184524	0.42265	0.183527
RP11-701P16.1__ps	0.322436	0.108698	0.275829	0.242232	2.50681	0.347635	0.089707	0.150103	0.099574	-2.13101	1.058717	3.189732	0.42525	0.280264	0.329612
RP11-701P16.4__lin	0	0	0	0.089837	4.12307	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.41021	#DIV/0!	0.41021
RP11-702B10.1__lin	0	0	0	0	1.15212	23.1152	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.394625	#DIV/0!	0.394625
RP11-702F3.3__linc	0	0	0	0	0.412125	5.27097	0.172447	0	0.114865	#NUM!	#NUM!	4.305987	0.379402	0.199423	0.398067
RP11-702H23.4__an	7.74173	7.29201	10.593	9.83755	6.94635	714.898	13.0283	7.37097	6.12327	-4.83549	-0.04957	4.785926	0.421218	0.925297	0.425601
RP11-702L6.4__lincl	0.124185	0	1.83158	0.192062	36.7152	26.7727	0.263435	0	0.022501	-5.02503	2.773971	7.799005	0.197114	0.468662	0.194294
RP11-703G6.1__linc	0.068255	0.122357	0.582492	0.047375	1.435	3.86043	0.211777	0.092516	0.189566	-2.78886	0.646564	3.435427	0.252824	0.61557	0.28439
RP11-703H8.9__anti	0.074021	0	0	0	386.031	317.673	0	0.479813	0.556509	-13.2148	-3.8074	9.407353	0.187414	0.247698	0.187348
RP11-703I16.1__ant	0	0	0.545177	0	2.80084	0	0	0	0	-2.36106	#DIV/0!	#DIV/0!	0.543595	0.42265	0.42265
RP11-703M24.5__ar	58.2884	108.651	19.4138	9.99187	48.1805	38.4988	62.8735	368.995	11.2816	0.946882	-1.24976	-2.19664	0.35041	0.430882	0.386909

RP11-704C2.1__linc	0	0	0.01588	0.021065	10.9434	2.81508	0.031098	0.104008	0.051798	-9.76111	-3.55703	6.204085	0.296509	0.136468	0.298439
RP11-704M14.1__ar	0	0.009862	0.676846	1.89644	365.72	2.83766	0.086676	8.64717	0.374612	-9.07538	-3.72944	5.345944	0.416263	0.437431	0.415762
RP11-705C15.2__ps	17.6444	3.62217	1.39983	6.39293	5.52814	52.7623	0.487398	3.56202	1.64818	-1.51284	1.99213	3.504969	0.538943	0.429046	0.338622
RP11-705O1.8__linc	0.014053	0.082858	0	0.280043	0	2.62872	0	0.06144	0.198902	-4.90761	-1.42568	3.481924	0.385867	0.529495	0.375043
RP11-706D8.3__linc	0	0	2.30478	4.05155	3.42662	15.3181	0.444738	0	0	-3.3061	2.373601	5.679698	0.158167	0.542497	0.198754
RP11-706F1.1__linc	0	5.29468	0	0.94021	3.06858	3.1826	0.37485	0	0	-0.44173	3.820158	4.261885	0.725963	0.464864	0.116998
RP11-706F1.2__linc	0	2.76477	1.1308	0	4.34901	0	0	0	0	-0.15885	#DIV/0!	#DIV/0!	0.865499	0.247055	0.42265
RP11-707A18.1__lin	0.014193	0	0.559103	0	12.8644	2.07708	0.020905	0.015535	0	-4.7039	3.975705	8.679604	0.359604	0.445876	0.338842
RP11-707M1.1__pse	0	0.016165	0.054895	0.548259	56.1082	131.998	0.080647	0	0.089555	-11.3744	-1.26015	10.11428	0.240587	0.358695	0.24085
RP11-708B6.2__anti	0	0.061263	0.033812	1.40916	21.6376	86.8553	0.56067	0.047507	0.037786	-10.1749	-2.76431	7.410552	0.291442	0.432908	0.294937
RP11-709D24.6__an	0	0.023538	0	0	0.127715	16.585	0.078173	0	0	-9.47176	-1.73171	7.740058	0.419035	0.613622	0.420949
RP11-70C1.1__antis	0.206552	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
RP11-70F11.7__linc	0	0	0	0	1.16174	0	0.312503	0	0	#NUM!	#NUM!	1.894345	0.42265	0.42265	0.592442
RP11-70F11.8__linc	0.076964	0.060032	1.09357	0.169157	2.96069	2.12616	0	0.147311	0.374257	-2.09465	1.238394	3.33304	0.245511	0.438233	0.176322
RP11-710F7.3__anti	0.999925	1.23065	1.34465	1.69765	0.026539	4.61451	0.387135	0.054211	0.027005	-0.82615	2.932372	3.758525	0.551032	0.04061	0.28963
RP11-711C17.1__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-711C17.2__lin	0	0	0	0	1.91901	1.83218	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.183722	#DIV/0!	0.183722
RP11-711K1.7__sen	2.1778	0	0.745253	5.7603	10.3872	200.636	0.650334	0.84225	0	-6.21264	0.969664	7.182299	0.383232	0.564598	0.381379
RP11-711K1.8__linc	3.28519	0	1.82079	232.883	7.88303	9.26995	0.807282	3.62626	2.06113	-5.6138	-0.34707	5.266735	0.384781	0.817723	0.39452
RP11-712B9.2__anti	36.5066	4.87148	2.78372	31.2855	12.6799	145.198	4.55802	32.2182	8.58966	-2.09876	-0.03881	2.059953	0.413435	0.983625	0.409364
RP11-712C7.1__linc	0	0.069344	0.529825	0.26794	1.31119	73.1973	0.307973	0	0.149689	-6.96348	0.38868	7.352157	0.410744	0.834659	0.412698
RP11-713P17.3__lin	0	0.183275	0	0.3344	0.542349	3.16263	0.326057	0.163471	0.131866	-4.46205	-1.7615	2.700553	0.304376	0.281948	0.353917
RP11-714G18.1__ar	1.23945	1.75179	0.936344	3.36385	2.52863	8.00256	0.588015	1.00766	1.24658	-1.82286	0.466606	2.289462	0.224373	0.395454	0.144673
RP11-714L20.1__lin	0	0	0.026374	0.122525	2.45147	4.06982	0.077499	0.043197	0.024044	-7.97674	-2.45626	5.520481	0.192289	0.230036	0.203094
RP11-715J22.6__sei	0	0	0	0.317219	0	0	0	0	0.348924	#NUM!	#NUM!	-0.13743	0.42265	0.42265	0.961183
RP11-717H13.1__lin	0	0.006878	0.035068	0	0.050047	0.050439	0.028649	0	0.01909	-1.26037	-0.18661	1.073759	0.26244	0.900222	0.53603
RP11-719N22.2__lin	0	0	0	0	4.06837	1.44033	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.263069	#DIV/0!	0.263069
RP11-71E19.1__linc	0.230242	0	0.27453	0.105281	37.8675	20.1469	0	0.40908	0.211278	-6.84725	-0.29747	6.549782	0.222174	0.859112	0.217658
RP11-71E19.2__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-71E19.5__anti	0	0.131909	0	0	0	0	0.408235	0	0	#DIV/0!	-1.62986	#NUM!	0.42265	0.628134	0.42265
RP11-71G7.1__lincR	0	0	0.930648	0.161474	5.10683	17.7897	0.256327	0	0	-4.63089	1.86025	6.491138	0.274805	0.596687	0.288727
RP11-71H17.7__sen	0.512603	1.43566	0.29248	2.15169	0.262519	0.111944	0.252144	0.383289	0.20364	-0.17296	1.417109	1.590074	0.918575	0.256034	0.488853
RP11-71H9.1__lincR	0.068233	0	0.543629	0	5.26999	189.602	0	0.147598	0	-8.3151	2.051534	10.36664	0.406995	0.527617	0.407268
RP11-71H9.2__lincR	0	0	0	0	0.819867	1.80987	0.438616	0	0	#NUM!	#NUM!	2.583888	0.235859	0.42265	0.378279
RP11-71J2.1__lincR	0	0	0	0	5.80468	3.56664	0.059795	0	0	#NUM!	#NUM!	7.292093	0.205837	0.42265	0.210934

RP11-71N10.1__linc	0	0	0.828622	0	0.956546	129.986	0.296392	0	0.197355	-7.304	0.746942	8.050946	0.41839	0.722764	0.41973
RP11-720L8.1__linc	0.309896	0	0.028165	0	32.8713	15.2089	0.055077	0	0	-7.15201	2.617769	9.769782	0.238749	0.362716	0.23446
RP11-722P11.4__an	0	0	0.98579	0.049402	11.7375	20.938	0.219332	0.081541	0	-5.05296	1.712125	6.76509	0.208397	0.609708	0.218839
RP11-723G8.1__linc	0	0	0	0	7.80557	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-723O4.2__ant	0	0	0	0.330586	1.91652	1161.52	0.471281	0.307108	0	#NUM!	#NUM!	10.54602	0.421534	0.20108	0.42192
RP11-725D20.1__lin	0	0	0	0	1.19965	9.84922	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.357079	#DIV/0!	0.357079
RP11-725M22.1__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-726G1.1__pse	4.91822	0.089444	1.50037	1.85968	13.5965	7.09924	0.576465	0.131995	1.00595	-1.79318	1.92451	3.71769	0.37977	0.366685	0.18889
RP11-727A23.10__a	17.2403	4.6068	6.69136	3.13407	14.2549	95.9374	5.54523	8.52264	8.98115	-1.9895	0.308202	2.297706	0.461279	0.747343	0.402126
RP11-727A23.5__pri	8.25616	3.25114	2.71138	11.483	2.03139	25.6659	1.11814	3.57697	3.20263	-1.46234	0.848276	2.310616	0.379139	0.490473	0.271366
RP11-727M10.1__ar	0	0	0	0	0	0.157477	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-728E14.3__lin	0.06277	0.018503	0.22793	0.104452	0.25223	0.982168	0.107845	0.034346	0.068439	-2.11437	0.553844	2.668214	0.248197	0.65818	0.306568
RP11-729M20.1__lin	0	0	0.525763	0	20.317	21.5477	0	0	0	-6.31518	#DIV/0!	#DIV/0!	0.183622	0.42265	0.183856
RP11-72L22.1__linc	0.265729	1.52782	0.740328	0	35.3643	211.197	1.00853	0.046002	0	-6.60446	1.264743	7.869199	0.339043	0.529521	0.338056
RP11-72M17.1__linc	4.41224	3.35851	1.35216	115.868	33.3774	14.2177	2.76145	4.35739	19.3495	-4.16333	-1.5367	2.626625	0.232766	0.446733	0.323305
RP11-730K11.1__an	7.31018	0.351833	0	0.34341	2.11007	16.0881	0.523998	0.154716	0.253218	-1.27497	3.039427	4.314396	0.643506	0.428062	0.362821
RP11-730N24.1__lin	0	0	0.10422	0	0.222638	0.099676	0.01276	0	0	-1.62884	3.029887	4.658723	0.43455	0.497094	0.268334
RP11-730N24.2__lin	0	0	0	0	0	0.365948	1.23749	0	0	#NUM!	#NUM!	-1.75771	0.42265	0.42265	0.610075
RP11-731J8.2__sen	0	0	0.046609	0	0.099494	0	0	0	0	-1.09401	#DIV/0!	#DIV/0!	0.722096	0.42265	0.42265
RP11-732A21.2__se	0	0.018192	0.061768	0.102428	0.082411	0	0.15121	0	0.033582	-1.20892	-1.20855	0.000365	0.553979	0.609232	0.999734
RP11-733D4.1__linc	0	0	0	0	3.27487	2.47363	0	0	0.051294	#NUM!	#NUM!	6.80826	0.191321	0.42265	0.192494
RP11-734E19.1__ps	110.705	111.528	74.7985	96.7728	12.8787	1079.69	37.6755	195.323	213.425	-2.00148	-0.5878	1.413678	0.489833	0.514584	0.516563
RP11-734K2.4__anti	2.95597	3.65892	4.74969	7.39265	12.0936	14.7858	2.68425	14.3607	5.50892	-1.59249	-0.98883	0.603657	0.044405	0.398055	0.364593
RP11-734K21.2__pri	0	0	0	0	0	2.91095	0.873316	0	1.43998	#NUM!	#NUM!	0.33154	0.42265	0.20695	0.798294
RP11-734K21.4__lin	0	0	4.85786	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
RP11-735B13.2__lin	0	0	0	0	2.31785	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-736K20.5__an	1.27937	4.91104	0.449192	4.504	11.3304	86.9931	1.25159	0	0.936591	-3.95299	1.601365	5.55435	0.360512	0.47925	0.331061
RP11-736K20.6__lin	0.225269	0	0.55153	1.11314	2.48236	3.02753	1.05501	0.625247	0.220184	-3.09188	-1.29072	1.801157	0.066757	0.405104	0.190086
RP11-736N17.4__ps	0	0.068068	0.057784	0.172519	4.7725	0.179518	0.056589	0.047315	0.09426	-5.34763	-0.65497	4.692656	0.387155	0.407406	0.398346
RP11-739L10.1__an	8.51	7.30405	13.9404	4.31115	424.634	211.197	7.22881	11.5977	13.714	-4.42721	-0.12913	4.298084	0.236584	0.641468	0.233777
RP11-739N10.1__lin	0	0	0.86947	0	4.78492	337.008	0.067852	0	0	-8.61877	3.679677	12.29845	0.41449	0.469319	0.414628
RP11-739N20.2__an	20.2079	13.6104	20.7326	22.3854	10.3933	58.3635	9.35027	13.7648	14.0179	-0.74052	0.554902	1.295418	0.441567	0.212332	0.327164
RP11-73G16.1__pro	0.033428	0	0.122741	0.014818	2.44539	2.07447	0.098387	0	0	-4.85982	0.666566	5.526384	0.192049	0.759773	0.201556
RP11-73G16.2__linc	0.73004	0	0.416616	0	4.58861	3.41756	0.492801	0	0	-2.80368	1.218356	4.022035	0.283997	0.212596	0.244625
RP11-73K9.2__antis	0.147583	1.22361	0	0.078409	6.56255	0.098845	0.144678	0.177419	0.257052	-2.29728	1.243425	3.5407	0.419589	0.57553	0.443148

RP11-73M14.1__linc	0.79693	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
RP11-73M7.6__antis	6.95312	3.14874	5.25242	3.27726	2.4475	11.4379	2.21989	8.14436	9.1596	-0.16063	-0.3466	-0.18596	0.85558	0.695804	0.781041	
RP11-740P5.2__linc	0	0	0	0	0.189909	0.395551	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.229643	#DIV/0!	0.229643	
RP11-740P5.3__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
RP11-742B18.1__an	1.00714	3.6692	1.44995	0.044411	10.3035	73.2715	0.142406	0	0.060821	-3.77075	4.913853	8.684605	0.379754	0.148808	0.348588	
RP11-742D12.2__pr	0	0	0.384699	0	0.113813	23.0868	0.014916	0.049885	0.049689	-5.91429	1.74851	7.662799	0.419763	0.539851	0.421424	
RP11-742N3.1__pse	155.349	350.41	101.425	88.8427	113.287	54.5096	79.6705	200.952	158.752	1.242392	0.466683	-0.77571	0.192718	0.452823	0.227163	
RP11-744K17.1__lin	0	0.028844	0.052083	0.032586	134.877	0.082247	0.042047	0	0.010006	-10.704	0.636643	11.3406	0.422381	0.747832	0.422381	
RP11-744K17.2__lin	0	0.018815	0.103897	0.074346	3.93239	0.084231	0.062663	0	0.026096	-5.05909	0.467309	5.526403	0.414696	0.807163	0.412466	
RP11-744N12.3__an	0	0	0.236588	0.292917	8.3839	15.1765	0.479587	0	0.068598	-6.65567	-1.21229	5.443382	0.20421	0.645974	0.221308	
RP11-747H12.1__ps	0	0	0	0	0.057928	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265	
RP11-748L13.6__lin	0	0.157936	0.066977	0	13.9762	0	0.065531	0.024355	0	-5.95746	1.323188	7.28065	0.425455	0.522228	0.425368	
RP11-749H17.1__se	0	0.048494	0.027447	0.036427	3.67733	7.60443	0.026882	0	0.155449	-7.21954	-1.2636	5.955938	0.227408	0.559667	0.226062	
RP11-749H20.1__lin	0	0	0	0	0	30.4641	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265	
RP11-74C13.3__anti	0	0	0	0	10.3548	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265	
RP11-74K19.1__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
RP11-74M11.2__linc	0	0	0	0	4.86345	44.9238	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.363863	#DIV/0!	0.363863	
RP11-750H9.5__anti	2.02888	1.2825	1.65821	1.07995	7.72766	518.744	0.863015	1.24067	1.79275	-6.73004	0.350972	7.081014	0.416559	0.472399	0.415209	
RP11-752D24.2__an	0	0	0.094462	0.062711	76.8907	16.3779	0.034702	0	0.012845	-9.94841	0.990371	10.93878	0.315101	0.694588	0.314904	
RP11-752D24.3__lin	0	0	0	0	3.46816	2.77409	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.188504	#DIV/0!	0.188504	
RP11-752G15.3__an	0	0.053332	3.02939	2.49077	11.6852	65.0583	0.882207	0	0.087021	-4.68385	1.669297	6.353145	0.303885	0.602822	0.315704	
RP11-752G15.6__an	1.26121	1.92768	1.53207	1.89356	0.805997	1.53922	0.865586	0.964801	1.87546	0.155432	0.349277	0.193845	0.783804	0.465338	0.718535	
RP11-752G15.9__ps	0.435628	0.143327	0.505702	2.07412	0.816869	3.72894	1.03966	1.16773	0.124687	-2.60958	-1.10438	1.5052	0.131103	0.423274	0.342672	
RP11-752L20.5__lin	0	0	0.395431	0.083526	2.50894	16.036	0.475729	0	0	-5.55794	-0.26671	5.291225	0.335457	0.925058	0.354484	
RP11-753A21.2__an	0	0	0.272924	0	0.260726	3.45859	0.527874	0.047048	0	-3.76847	-1.07487	2.693599	0.377479	0.707508	0.482073	
RP11-753H16.5__an	14.2515	3.21962	8.95371	7.10825	8.66008	118.169	1.6457	3.61356	4.18527	-2.34159	1.484343	3.825935	0.433562	0.272909	0.370757	
RP11-753N8.1__linc	0.222062	0.08738	0.323289	0	0	0	0.206338	0	0	#DIV/0!	1.616582	#NUM!	0.090878	0.265707	0.42265	
RP11-754N21.1__lin	0	0	0.02493	0	0	273.55	0.073153	0	0	-13.4216	-1.55304	11.8686	0.42265	0.639751	0.422804	
RP11-756H6.1__linc	1.26401	1.01462	0	0	0	1.62592	0.566155	0.592562	1.40573	0.48691	-0.17048	-0.65739	0.835857	0.898463	0.361477	
RP11-756P10.2__lin	0	0	0	0	0	3.30925	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265	
RP11-756P10.4__lin	0	0.053904	0.410374	0	3.89476	0	0	0	0	-3.06847	#DIV/0!	#DIV/0!	0.487255	0.352376	0.42265	
RP11-757G1.6__linc	0.107816	0.105941	0.071993	0.155432	0.111883	0.060334	0.127872	0.127793	0.16649	-0.1974	-0.56302	-0.36562	0.510124	0.204853	0.507657	
RP11-75L1.1__lincR	0.201258	0	0	0	0	0	0.065033	0	0	#DIV/0!	1.629793	#NUM!	0.42265	0.42265	0.42265	
RP11-75N4.2__antis	0	0	0	0	0	2.73351	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265	
RP11-760N9.1__linc	0.132196	0	0.404007	0	0.502328	2.1207	0.201593	0.064211	0.239849	-2.29038	0.08463	2.375012	0.328246	0.906894	0.370413	

RP11-761I4.3__antis	1.38114	0.762677	4.26093	2.09457	5.02562	24.788	19.0961	0	0.817021	-2.31671	-1.63651	0.680207	0.298075	0.568223	0.76772
RP11-761N21.1__lin	0.765655	0	0	0	4.13393	32.5291	0.909638	6.1276	0.336418	-5.58149	-3.26761	2.313874	0.368123	0.378493	0.475931
RP11-763B22.9__ps	1.56291	0.142701	1.63797	1.10854	2.84057	15.1115	1.99619	0	1.06494	-2.51113	0.12733	2.638458	0.339983	0.777354	0.35666
RP11-763K15.1__lin	0	0	0.403415	0	0.591576	3.81561	0	0	0	-3.44952	#DIV/0!	#DIV/0!	0.332511	0.42265	0.34101
RP11-764E7.1__linc	0	0	0	0.170102	0	0.336238	0.062897	0.035071	0	#NUM!	#NUM!	2.369717	0.224197	0.21457	0.3352
RP11-766N7.3__linc	0.083175	0	0.027802	0.180803	0.327638	1161.52	0.108644	0.08111	0.132097	-13.3541	-1.53614	11.81797	0.422438	0.095176	0.422491
RP11-766N7.4__linc	0	0.058647	2.08406	0.032913	2.21647	207.45	0.760767	0	0.054004	-6.61274	1.394968	8.007712	0.416523	0.64648	0.418542
RP11-767C1.1__linc	0	0	0	0	1.10616	2.67548	0.199605	0	0.214555	#NUM!	#NUM!	3.190752	0.245861	0.184035	0.281377
RP11-767I20.1__linc	1.61036	0	2.25752	1.89644	25.5815	35.2792	0.194326	0	0.066396	-4.02016	3.890959	7.911123	0.18607	0.201724	0.171615
RP11-767N15.1__lin	0	0	0.484786	0	7.13885	58.607	0.33631	0	0.139992	-7.08341	0.025471	7.108879	0.356572	0.98983	0.360238
RP11-768B22.2__an	0.012539	0	0.025109	0	0.214581	7.44964	4.84969	0.191926	4.98466	-7.66945	-8.05703	-0.38757	0.407187	0.167892	0.749324
RP11-768F21.1__lin	2.89988	9.25806	3.08166	5.28723	100.521	148.178	5.11514	12.7245	6.88004	-4.05885	-0.69784	3.361018	0.195928	0.022484	0.204301
RP11-769N22.1__lin	0	0	0.076545	0	0.330533	9.67784	0.143599	0.031324	0.062393	-7.03069	-1.63243	5.398254	0.403128	0.371365	0.413655
RP11-76C10.2__linc	0	0	1.10878	0	0	4.47248	0	0	0	-2.0121	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
RP11-76C10.5__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-76E12.1__linc	0	0.035525	0	0.039801	24.3852	6.40778	0	0	0	-9.76142	#DIV/0!	#DIV/0!	0.293816	0.42265	0.293965
RP11-76I14.1__lincF	0	0.080056	9.28708	4.26421	36.0883	167.196	1.69551	0.097867	0.147517	-4.4697	2.270887	6.740584	0.293784	0.538752	0.305401
RP11-76N22.2__anti	11.1538	10.3472	13.0105	5.51348	22.2062	337.008	6.35444	15.4744	15.0457	-3.40167	-0.09555	3.306123	0.412051	0.813414	0.412217
RP11-770J1.3__anti	7.64319	0.446257	0.751252	0.781623	0.4858	3.54168	0.742402	0.505145	0.57305	0.878393	2.279749	1.401356	0.685767	0.412884	0.418847
RP11-771K4.1__linc	0.154231	0.045488	0.154039	0.406528	2.297	15.4454	0.075213	0.083888	0	-5.68098	1.152827	6.833803	0.33537	0.366238	0.334487
RP11-773D16.1__lin	1.06643	859.265	0.338213	34.5258	5.07001	95.0374	0.644932	8.17378	0	2.676425	6.608748	3.932323	0.512629	0.422134	0.280401
RP11-774D14.1__lin	27.38	24.1647	9.58539	23.3258	19.4659	129.986	7.85293	2.23917	8.42779	-1.49896	1.722807	3.22177	0.465332	0.162754	0.280282
RP11-774I5.1__lincF	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-774O3.1__linc	0	0	1.01099	0.687684	2.48161	4.12455	0.9931	0	0.815393	-2.85091	-0.83902	2.011891	0.102236	0.545102	0.236425
RP11-774O3.3__linc	1.06461	0.102792	0.319957	0.231574	2.41728	2.26878	0.702738	0.913153	0.205606	-1.72521	-0.29237	1.43284	0.368929	0.784411	0.311515
RP11-775C24.3__lin	0.038533	0.045438	0.09002	0.119494	2.86999	13.1945	0.088176	0	0.013988	-6.53942	0.76812	7.307536	0.310488	0.59159	0.311693
RP11-775H9.1__linc	0	0	0	0	0.243261	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-775H9.3__linc	0	0	0.043038	0	0.045856	0	0	0	0.02338	-0.0915	0.880333	0.971833	0.97413	0.42265	0.747894
RP11-776A13.1__lin	0	0	0	0.170783	3.79214	3.081	0.561286	0	0	#NUM!	#NUM!	3.649571	0.168167	0.42265	0.236418
RP11-776A13.3__lin	0	0	0.397119	0.610204	3.86538	3.7189	0.419685	0	2.43324	-4.36701	-2.8448	1.522211	0.122968	0.317984	0.243766
RP11-776H12.1__lin	13.3022	10.9319	17.2768	8.32881	27.9071	79.538	16.5623	158.676	20.338	-1.47975	-2.23617	-0.75642	0.337572	0.398223	0.679554
RP11-777N19.1__lin	0	0	0.067462	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0.42265	0.42265	#DIV/0!
RP11-778D9.4__pse	59.1301	7.64109	6.15492	29.2209	31.2773	47.0843	11.4932	11.6648	7.0586	-0.56094	1.271094	1.83203	0.642267	0.484298	0.068822
RP11-778J15.1__an	0	0.283552	0	0	12.9984	13.8596	0	0	2.60565	-6.56559	-3.19996	3.365637	0.18426	0.488498	0.185607
RP11-778J16.3__linc	0	0	0.301036	0	1.21609	0.279184	0	0	0	-2.3124	#DIV/0!	#DIV/0!	0.433116	0.42265	0.308103

RP11-778O17.4__ar	0	0	0.574155	3.16285	8.46154	3.32781	0.510565	0	1.63784	-4.70277	-1.90375	2.79902	0.120986	0.229669	0.181101
RP11-779P15.1__lin	0	0	0	0	0	4.37362	0.257226	0	0	#NUM!	#NUM!	4.087719	0.42265	0.42265	0.457543
RP11-779P15.2__lin	0	0	0.172821	0	2.2012	2.58435	0	0	0.186175	-4.79133	-0.10738	4.683953	0.184351	0.42265	0.184251
RP11-77C3.3__antis	5.20733	0.074523	0.221522	0.224161	7.58354	47.3297	0.299727	8.49461	0.218074	-3.32464	-0.7116	2.613046	0.402528	0.792123	0.434847
RP11-77I22.2__lincF	0	0	0.099207	0	2.57862	16.4196	0.475528	0	0	-7.5812	-2.26101	5.32019	0.33962	0.55273	0.356849
RP11-77K12.8__pro	14.0239	21.4957	7.57627	5.6716	9.36668	94.0933	8.42065	12.2966	14.005	-1.34045	0.311689	1.652136	0.565575	0.614591	0.464263
RP11-77P16.4__linc	2.29886	0.260463	0.228767	25.6584	0.201595	0.170719	0.752823	1.75524	0	-3.22287	0.152704	3.375569	0.425543	0.925242	0.455779
RP11-77P6.2__antis	0.841497	0	0	0	0.117672	17.1711	0.691409	0	0	-4.36073	0.283419	4.644152	0.447663	0.42265	0.442406
RP11-780O17.1__lin	0	0.156858	0.330932	0	0.417696	2.21292	0.128846	0	0	-2.43107	1.920612	4.351681	0.348855	0.466201	0.359662
RP11-781M16.2__ar	0	0	0	0.284259	0	4.94327	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.390457	#DIV/0!	0.390457
RP11-781P6.1__anti	0	0	0	0	7.22611	15.2575	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.231088	#DIV/0!	0.231088
RP11-782C8.1__linc	0.662714	0.020211	0.994997	3.03433	16.5437	579.152	1.5197	2.25357	1.45764	-8.47909	-1.64039	6.8387	0.404029	0.158075	0.407038
RP11-783K16.10__p	4.30792	2.8773	4.33799	3.60681	6.78149	2.78654	2.22917	5.67273	4.18488	-0.19324	-0.06889	0.124355	0.776118	0.906688	0.721356
RP11-783K16.14__a	7.96988	6.52537	5.19411	3.32668	4.32652	5.23961	2.4514	5.04289	5.30856	0.610849	0.620951	0.010102	0.236241	0.304334	0.954165
RP11-783K16.5__an	13.1357	6.56378	6.33726	6.57459	1.52864	1.88544	3.94514	5.04883	4.57724	1.382184	0.939999	-0.44218	0.013539	0.240778	0.598592
RP11-785G17.1__ar	0	0	0	0	0.665516	2.24236	0.544606	0	0	#NUM!	#NUM!	2.416681	0.282242	0.42265	0.431865
RP11-785H5.2__sen	31.1387	16.1187	5.19398	17.7346	5.98831	1.76145	9.94283	12.3758	11.5686	1.041369	0.630239	-0.41113	0.092092	0.522539	0.654958
RP11-788H18.1__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-789C1.1__linc	0	0	0.296576	0	0.500096	0	0.231127	0.064472	0	-0.7538	0.004759	0.758562	0.797906	0.998522	0.760583
RP11-789C1.2__linc	0.48774	16.5836	0.096874	0	3.27574	1.833	0.187908	1.9049	0.416874	1.748701	2.774163	1.025463	0.481548	0.4237	0.242092
RP11-789C17.3__an	0	0	0	0	0	4.06982	1.31729	0	0	#NUM!	#NUM!	1.627392	0.42265	0.42265	0.628498
RP11-789C2.1__linc	0.274677	0.150409	1.18472	0	4.93823	15.9446	0.262367	0	0.137191	-3.69736	2.01041	5.707768	0.283009	0.339783	0.285993
RP11-789F5.1__linc	0	0	0	0	0.052461	0.328025	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.338718	#DIV/0!	0.338718
RP11-78A18.2__anti	3.95574	4.58778	3.99682	4.40805	0	3.07243	0.680381	3.10589	7.92994	0.745374	0.09807	-0.6473	0.378681	0.910705	0.643808
RP11-78B10.2__anti	0	0	0	0	297.264	12.7069	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.398519	#DIV/0!	0.398519
RP11-78C3.1__lincR	0	0.109602	0	0	2.58964	0	0.69714	1.92552	2.54433	-4.56241	-5.55898	-0.99657	0.42265	0.088301	0.453013
RP11-78F17.1__linc	0.38551	0	1.14513	0.164547	45.4449	1161.52	0	0.612404	0	-9.62323	1.321579	10.94481	0.400608	0.608639	0.40073
RP11-78O22.1__linc	0	0	0	0	0	302.91	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-78O9.1__antis	0	0	0	0	0	0	0.512508	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP11-792D21.2__lin	1.26073	0.526638	0.650982	0.175882	7.26683	5.71897	0.293326	0.318784	0.534818	-2.43237	1.08813	3.520497	0.271843	0.251611	0.199894
RP11-793B23.1__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-793H13.3__an	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-794M8.1__ant	0	0.019381	0.246735	0	0.105311	5.16898	0.016105	0.053865	0.071534	-4.30885	0.911208	5.220058	0.41266	0.598719	0.418679
RP11-794P6.1__sen	0.02286	0.013478	0.137348	0	0.5131	1.64302	0.505717	0	0.037356	-3.63388	-1.64466	1.989218	0.278594	0.567663	0.47082
RP11-794P6.6__anti	0	0	0.414148	0.109575	4.50668	0.761797	0.109386	0	0.239789	-3.69887	0.246196	3.945062	0.366145	0.817752	0.36003

RP11-795H16.3__lin	0	0	0	0	4.70497	4.74695	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.183511	#DIV/0!	0.183511
RP11-796E2.4__anti	18.7809	8.49275	9.06681	4.55108	2.1652	15.261	2.61807	10.2372	7.41328	0.725564	0.842334	0.11677	0.505212	0.432142	0.913635
RP11-796G6.1__pse	4.28774	12.9853	18.1945	4.17012	0	6.91132	1.71246	3.32386	2.57576	1.678354	2.220137	0.541783	0.181576	0.132797	0.665627
RP11-798G7.5__ant	3.8966	0.22412	2.85214	7.33595	8.62897	5.17552	0.30756	0.248768	4.2767	-1.60018	0.528823	2.129006	0.127395	0.680064	0.142074
RP11-798K3.2__linc	1.43729	0	2.53501	0.178435	136.332	32.271	0.506432	0.037197	0.172834	-5.40904	2.47101	7.880048	0.318112	0.259717	0.30703
RP11-798K3.3__linc	0.076873	0	0	0	8.84081	142.556	0.606069	0.0823	0.082512	-10.9436	-3.32595	7.617612	0.388331	0.260559	0.390769
RP11-798M19.3__ar	0.839306	2.71181	0.586314	0.079447	1.55411	12.9739	1.07815	0.885264	4.84226	-1.8199	-0.718	1.101895	0.515043	0.667814	0.452024
RP11-798M19.6__ar	3.31262	2.11579	2.51621	0.841477	0.061499	0.642725	0.904818	0.819803	2.07191	2.361717	1.065296	-1.29642	0.006813	0.135505	0.197402
RP11-799D4.4__anti	0.2232	0.268436	0.205855	0.249253	0.502328	1.88928	0.230393	0.997882	0.145666	-1.92076	-0.97807	0.942688	0.339917	0.466435	0.596497
RP11-799N11.1__an	0.156863	0.03925	0.705212	0.500776	5.35168	40.2585	0.223427	1.21912	0.156203	-5.67692	-0.82682	4.850093	0.345983	0.690987	0.362551
RP11-799P8.1__linc	0	0	0	0	0.684934	2.36748	0.222479	0.042233	0	#NUM!	#NUM!	3.527454	0.284941	0.325104	0.346599
RP11-79C6.3__antis	0	0	0	0	0	6.04796	1.51072	0	0	#NUM!	#NUM!	2.001212	0.42265	0.42265	0.579778
RP11-79E3.2__lincR	0.015217	0	1.37956	0.131622	21.1662	51.5045	0.067637	0	0.10785	-5.70588	2.990598	8.696476	0.242298	0.446918	0.245632
RP11-79P5.5__antis	0	0.051784	0.043813	0	4.93245	3.3344	0.635927	0	0	-6.43422	-2.73382	3.700405	0.198537	0.512209	0.264197
RP11-7F17.5__lincR	0.144306	0.463054	0.751689	1.17089	59.5737	94.0933	0.593017	0.054699	0.142301	-6.83202	0.782641	7.614658	0.198009	0.617949	0.200319
RP11-7O11.3__antis	0	0	0.482536	2.02502	0.084989	2.05435	1.11703	0.920055	0	-3.10939	-2.0778	1.031588	0.171223	0.411649	0.487462
RP11-802H3.2__linc	0	0	0	0	2.03439	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-803B1.8__linc	0.207493	0.181683	0	0.683451	4.39515	0	0.67238	0.432647	0.213429	-3.70594	-1.76035	1.945582	0.361492	0.058381	0.452929
RP11-804A23.4__an	3.2161	1.8655	5.56488	3.88495	1.43532	8.95383	1.98963	4.24046	5.68589	-0.42302	-0.16252	0.260502	0.398333	0.726072	0.710658
RP11-804F13.1__lin	0	0	0	0	1.6602	3.44522	1.48554	0	0	#NUM!	#NUM!	1.781042	0.229255	0.42265	0.490602
RP11-804N13.1__an	0	0.046648	5.25702	14.7819	3.5049	153.62	1.31158	0	0	-5.01849	2.015685	7.034177	0.355036	0.574626	0.361467
RP11-805I24.1__linc	0	0.049334	0.054508	0.050193	1.23872	0.257461	0.081069	0	0.050226	-3.89643	-0.33842	3.558014	0.310341	0.833153	0.349688
RP11-805I24.3__linc	0	0	1.14449	0.763952	1.466	0	0	1.72137	1.49777	-0.96231	-1.49197	-0.52966	0.688311	0.318366	0.664179
RP11-806H10.4__lin	11.2126	1.37301	4.25395	4.00053	2.30599	6.92982	1.03667	4.7993	12.1936	0.34735	-0.09851	-0.44586	0.731532	0.94855	0.576542
RP11-806K15.1__an	0	0	0	0	0	162.996	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-807H22.7__an	6.42104	0.084012	0.402826	0.628332	2.62666	11.4301	0.562435	0.310058	2.85483	-1.08804	0.890103	1.978141	0.646805	0.71105	0.287794
RP11-807H7.1__linc	0	0	0.162221	0.107314	2.96973	1.91012	0.241401	0	0	-4.94219	-0.57347	4.368716	0.191994	0.842821	0.224581
RP11-807H7.2__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-809C18.3__an	0.018765	0	0	5.60339	0	5.477	0.073517	0.040982	0	-9.20579	-2.60926	6.596522	0.183542	0.191821	0.186564
RP11-809C9.2__linc	0.22042	0	1.17468	0.32426	0.760265	1.53114	0.287507	0.180103	0.239415	-0.90681	0.980535	1.887345	0.167107	0.583937	0.222063
RP11-809F4.3__linc	0.02858	0	0.057223	0	0.336036	0.519676	0.112082	0	0.062231	-3.31803	-1.02258	2.295447	0.223383	0.38912	0.320033
RP11-80B9.4__lincR	0	0	0	0	4.05847	0	0.067428	0	0	#NUM!	#NUM!	5.911436	0.42265	0.42265	0.43232
RP11-80F22.15__lin	0	0	0.182986	0	0	0	0.086011	0	0	#DIV/0!	1.089147	#NUM!	0.42265	0.723091	0.42265
RP11-80F22.9__pse	0.01958	0	0.097958	0.103863	0.229746	0.149547	0.03835	0	0.106457	-2.03937	-0.301	1.738361	0.155967	0.2359	0.195309
RP11-80H5.6__lincR	0	0.147091	0	0	0	3.37906	0.823982	0.192613	0	-4.52184	-2.78896	1.732877	0.448304	0.391681	0.608437

RP11-80H5.9__lincR	1.29456	0.734417	0.266128	1.58604	6.68167	3.49055	0.703703	0.352279	4.9073	-2.35704	-1.37755	0.979496	0.193141	0.548844	0.48887
RP11-80H8.4__lincR	0.845798	0.147653	0.485915	0.269125	3.34997	337.008	0.118577	0.843001	0.335935	-7.84707	0.18923	8.0363	0.418172	0.89679	0.418109
RP11-80K21.3__linc	0	0	0.043205	0	25.5815	67.5989	0	0	0	-11.0746	#DIV/0!	#DIV/0!	0.255606	0.42265	0.255677
RP11-80K6.2__lincR	0	0	0	0	1.1742	7.81259	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.343253	#DIV/0!	0.343253
RP11-810P8.1__linc	0	0	0.165661	0.072587	1.01	267.514	0	0	0	-10.663	#DIV/0!	#DIV/0!	0.420316	0.42265	0.420317
RP11-814P5.1__anti	0.031473	0.027833	2.16474	0.219483	14.8553	95.6924	0.165986	0.034443	0.145841	-5.6382	2.683218	8.321418	0.338225	0.464198	0.340655
RP11-815J4.6__pse	1.79203	3.9765	2.1765	28.8757	1.54446	1.4255	1.29022	1.79509	4.47396	-2.00297	0.071806	2.074778	0.492739	0.930565	0.494794
RP11-817O13.8__lin	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-818C3.1__linc	0	0	0.443513	0	1.36297	0	0.054031	0	0.059966	-1.61971	1.959992	3.579697	0.629636	0.508831	0.471863
RP11-818F20.4__lin	0	0	0	7.15084	1.81118	7.26547	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.095123	#DIV/0!	0.095123
RP11-81H14.2__linc	3.44973	2.19705	2.20762	1.2098	12.8078	86.9931	0.753758	4.54686	2.95211	-3.68486	-0.07137	3.613493	0.370774	0.937044	0.365831
RP11-81H3.2__lincR	1.62218	0	0.821027	4.42682	3.76663	85.3553	1.1285	13.2173	0.110429	-5.25887	-2.56484	2.694027	0.378727	0.476375	0.467974
RP11-81N13.1__linc	35.5232	20.3524	20.3488	10.7984	20.8875	118.169	17.293	25.6184	16.293	-0.97524	0.364548	1.33979	0.578677	0.493587	0.487857
RP11-820L6.1__proc	1.5257	0	1.78111	2.44647	182.663	189.602	1.25099	0	0.845708	-6.8242	0.657321	7.481517	0.181559	0.283358	0.180994
RP11-822E23.8__pri	0.683047	0.356039	0.378277	0.325891	0.358852	6.7724	0.13045	0.476434	0.380577	-2.39541	0.521414	2.916827	0.455494	0.56114	0.415989
RP11-829H16.2__ps	0	0	0.092704	0	0	0	0	0	0.199573	#DIV/0!	-1.10621	#NUM!	0.42265	0.42265	0.42265
RP11-829H16.3__an	1.90234	2.00753	0.363466	0.865815	6.68603	4.36319	0	0	0	-1.47935	#DIV/0!	#DIV/0!	0.293167	0.115529	0.14338
RP11-82C23.2__anti	0	0	0.613965	0.095598	6.44325	167.196	0	0.094387	0	-8.14452	2.701504	10.84602	0.400435	0.517081	0.400828
RP11-830F9.5__anti	0	0.122376	0	0	1.44105	0.281159	0.757021	0	0	-3.81487	-2.62901	1.185855	0.314949	0.522184	0.662659
RP11-830F9.7__sen	0	0.096524	0.16396	0.013611	3.46816	0.117726	0.080326	0.078348	0.399193	-3.78853	-1.09873	2.689804	0.428294	0.311111	0.483828
RP11-831A10.2__lin	0.147471	0	0.203083	0	2.09857	2.25482	0.83653	0	0	-3.63443	-1.25478	2.37965	0.213558	0.60942	0.363864
RP11-834C11.3__lin	0.073464	0.418689	2.47019	0.598795	6.79728	1161.52	0.24329	0.433849	0.185737	-8.62422	1.779514	10.40373	0.41922	0.470873	0.419318
RP11-834C11.5__pr	0.478635	0.241933	0.068395	3.01882	0.267102	2.37284	0	0.223829	0.148595	-2.84246	1.083011	3.925469	0.180254	0.504805	0.186112
RP11-834C11.8__an	0.592286	0.053992	0.844129	3.20261	0.825323	9.17144	2.68835	0	0.148391	-3.14669	-0.92853	2.218163	0.228367	0.648146	0.340752
RP11-839G9.1__ant	0	3.4404	4.98996	10.8898	0.099265	33.432	1.64355	15.9268	3.55882	-2.39758	-1.32557	1.072008	0.321787	0.421572	0.616317
RP11-83A24.2__anti	6.64821	4.68111	2.85944	7.54817	121.856	54.7378	2.15082	17.8591	3.17139	-3.698	-0.70821	2.989784	0.234308	0.627231	0.200286
RP11-83B20.1__linc	0	0.289369	0.269903	2.34858	5.26229	0.250202	0.168006	0.053523	0.186537	-3.8131	0.454747	4.267851	0.233461	0.710288	0.238022
RP11-83C7.1__lincR	0	0.092537	0	0	7.99012	5.14196	0	0	0.084104	-7.14885	0.137846	7.286698	0.201147	0.961067	0.203372
RP11-83C7.2__lincR	0	0.017195	0.136347	0	2.49913	438.263	1.06037	0	0.939475	-11.4872	-3.70319	7.783968	0.419388	0.198704	0.420761
RP11-843A23.1__an	0	0	2.39091	14.7955	4.59712	5.19907	0	0	0	-3.36254	#DIV/0!	#DIV/0!	0.185959	0.42265	0.13121
RP11-846F4.5__pse	0.109191	0	0.254514	0	0.154293	0	0.106546	0	0.118279	1.237096	0.693966	-0.54313	0.618632	0.411551	0.816316
RP11-847H18.2__an	2.632	6.11025	1.61291	4.20929	3.45031	21.1542	1.14276	2.7552	2.46133	-1.47641	0.703412	2.179822	0.46134	0.387652	0.316075
RP11-849F2.5__anti	510.738	299.402	167.756	99.6178	39.5611	38.3773	261.267	202.145	132.71	2.461405	0.714073	-1.74733	0.081843	0.183768	0.02524
RP11-849I19.1__linc	0	0	0.056961	0	0.170536	0.417019	0.026066	0.029058	0.061831	-3.36667	-1.03789	2.32878	0.231082	0.119506	0.290996
RP11-849N15.4__lin	0	0	0	0	6.56255	106.237	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.388151	#DIV/0!	0.388151

RP11-84A1.3__antis	0.165551	0	0.041435	1.57993	8.59412	3.41217	0.075514	5.70236	0.039597	-6.03647	-4.81279	1.22368	0.172897	0.432023	0.043729
RP11-84A19.2__linc	0.001677	0.017142	0.923985	0.002634	1.93261	8.61012	0.03175	0.017577	0.017509	-3.48351	3.818278	7.301785	0.300102	0.442387	0.312796
RP11-84A19.4__linc	47.601	27.4391	36.6122	21.477	56.1082	16.585	114.995	47.6878	46.9174	0.24567	-0.90863	-1.1543	0.768776	0.20487	0.324609
RP11-84C10.2__linc	0	0	0	0	0.254284	0.39722	0	0.065577	0	#NUM!	#NUM!	3.312503	0.202472	0.42265	0.230761
RP11-84C10.4__anti	1.55634	0.051797	0.109834	0	0.350662	0.272773	0.411094	0	0	1.462395	2.063166	0.600771	0.60334	0.34484	0.797458
RP11-855O10.2__lin	0	0	0.903124	0.223029	2.457	3.25661	1.20685	0.137619	0	-2.71665	-0.57404	2.14261	0.147675	0.831655	0.356076
RP11-855O10.3__lin	0	0	0.618031	0	0	0.999453	0	0	0	-0.69346	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
RP11-856M7.1__ant	0	0	0.065392	0.021725	0.161419	86.9931	0.024033	0.044649	0.035587	-10.3806	-0.67311	9.707489	0.421434	0.618394	0.42189
RP11-856M7.6__linc	0	0	0	0	0	12.1485	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-857B24.1__an	1.37497	0.821925	1.41756	0.25553	2.62159	10.9337	0.282499	0.74096	0.751038	-1.93395	1.026368	2.960317	0.396175	0.171568	0.3289
RP11-85A1.3__antis	0.03888	0	0.194151	0.256176	0.411654	7.23878	0.113754	0	0	-5.08447	1.034604	6.11907	0.372472	0.669061	0.37958
RP11-85B7.2__antis	0.020291	0.023924	0.045745	0.08787	0.380913	4.23709	0.07349	0	0.044275	-5.70903	-0.38855	5.320478	0.366542	0.724879	0.370813
RP11-85F14.5__anti	9.42143	1.10904	1.31514	6.35908	3.41512	11.7807	5.3416	89.9309	3.65356	-0.86366	-3.062	-2.19833	0.497051	0.434761	0.485973
RP11-85G21.1__linc	0	0	0	0	0.983873	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-85I21.1__lincF	0	0	0.100861	0.42428	0.602432	52.1068	0.80236	0.125849	0.047009	-9.04111	-3.27336	5.767754	0.411311	0.379804	0.421597
RP11-85K15.2__pro	26.2964	22.3265	15.8362	8.00521	32.3032	59.6368	7.18865	16.3847	9.45556	-0.63275	0.964655	1.597408	0.5776	0.136015	0.266235
RP11-85M11.2__linc	0.52101	0.153571	2.59993	0.211925	25.4741	637.473	0.278312	0.123791	0.089144	-7.66193	2.736758	10.39869	0.400381	0.363008	0.400221
RP11-861E21.1__lin	0.341542	0	1.58531	0	2.91083	4.38005	0.570009	0	0	-1.91985	1.757189	3.677036	0.235273	0.510907	0.266466
RP11-862G15.1__lin	0.015126	0	0.12113	0	1.466	13.9708	0.587403	0	0.285462	-6.82391	-2.67944	4.144471	0.365711	0.285726	0.389635
RP11-862G15.2__lin	0.022517	0	0.157662	0.178985	3.53586	2.78105	0.176292	0	0.097871	-5.17203	-0.60561	4.56642	0.172323	0.671119	0.190721
RP11-863P13.3__lin	0.31888	0.131005	0	0.127403	0.852505	0.333992	0.088493	0.159252	0.717413	-1.54623	-1.10121	0.445018	0.390014	0.605461	0.746151
RP11-864J10.4__an	0	0	0	7.32448	5.27791	7.99202	2.65224	0	0	#NUM!	#NUM!	2.95697	0.013854	0.42265	0.027915
RP11-867G2.2__linc	0	0	0	0	33.3774	7.6922	0.235588	0	0	#NUM!	#NUM!	7.445661	0.307739	0.42265	0.311726
RP11-867G2.5__linc	0	0	0.139287	0	1.97284	0	1.68541	0	0.050279	-3.82414	-3.63938	0.184765	0.464744	0.453901	0.947242
RP11-867G2.8__ant	6.57224	3.8504	36.799	10.2347	8.32964	144.759	34.5059	24.0645	7.22998	-1.79021	-0.47865	1.311563	0.379999	0.763853	0.599361
RP11-867G23.12__a	1.30385	0.298157	1.40917	0.818721	0.623592	2.49612	0.593227	0.733433	1.55712	-0.38729	0.062366	0.449661	0.56616	0.913096	0.373505
RP11-867G23.13__a	2.04742	0.586522	3.84479	1.49187	0.804517	17.5049	0.170212	0.88547	1.37354	-1.61181	1.415217	3.027028	0.437453	0.250104	0.380328
RP11-867G23.3__lin	11.9029	4.02736	6.91803	5.75284	3.25343	4.16726	3.76305	11.8189	7.60209	0.794444	-0.02105	-0.81549	0.176331	0.982828	0.387795
RP11-867O8.5__ant	0.508405	0.317221	1.03105	0.40792	3.60769	13.4787	1.50327	1.7297	0.568207	-3.23609	-1.03372	2.202368	0.298799	0.372324	0.396152
RP11-86H7.6__lincR	0	0	0.096539	0.054909	0.014727	0.224168	0.094551	0.030116	0.089996	-1.60568	-1.15289	0.452788	0.18485	0.314219	0.675363
RP11-871F6.3__linc	0	0	1.56313	0	9.58036	126.118	0	0	0	-6.43982	#DIV/0!	#DIV/0!	0.380073	0.42265	0.380577
RP11-872J21.3__an	0.222399	0.262451	0.055439	0.291483	0.233969	1.97455	0.162092	0.120564	0	-2.21013	0.934684	3.14481	0.410881	0.092115	0.354105
RP11-873E20.1__lin	0.425311	0.539449	0.343279	0.278067	0.223676	0.145601	0.186666	0	0.124362	1.014801	2.072289	1.057488	0.047766	0.085135	0.199494
RP11-875H7.1__linc	0	0	0	0	1.55486	3.79465	0.061125	0	0.067833	#NUM!	#NUM!	5.374429	0.246853	0.184606	0.253685
RP11-875H7.2__linc	0	0	0	0	0.119488	0.212594	0.334483	0	0	#NUM!	#NUM!	-0.01039	0.213819	0.42265	0.996651

RP11-875H7.5__linc	0	0	0	0	0	5.93802	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-879F14.1__lin	2.70561	0.338491	0.509027	0	56.3112	21.9843	0.113002	0.388471	0.204938	-4.46177	2.33051	6.792278	0.280936	0.370493	0.253575
RP11-87C12.5__linc	0	0	0	0	3.4875	10.749	0.741655	0	0	#NUM!	#NUM!	4.262702	0.272654	0.42265	0.312026
RP11-87F15.2__anti	34.4096	22.8528	15.3334	13.0832	5.93185	6.51464	12.8987	25.9963	18.9371	1.50771	0.328016	-1.17969	0.050421	0.613187	0.209735
RP11-87P13.2__linc	0.140035	0	0.046583	0	0	0	0	0.152091	0	#DIV/0!	0.295156	#NUM!	0.269926	0.905936	0.42265
RP11-883G14.2__lin	0	0	0	0	2.78347	0.148202	0	0	0.096933	#NUM!	#NUM!	4.918595	0.39277	0.42265	0.412115
RP11-884K10.7__an	0	1.26723	0	8.25755	2.11983	1.79297	0	2.34069	0	-3.26362	-0.88526	2.378365	0.258799	0.42265	0.32861
RP11-885B4.1__linc	0	0	1.73982	40.5075	6.53846	23.2864	0	0	0	-5.33718	#DIV/0!	#DIV/0!	0.145498	0.42265	0.139313
RP11-886D15.1__lin	0.043211	0	0	0	6.51977	84.4986	0	0	0.186942	-11.0405	-2.11311	8.927423	0.38024	0.567507	0.379855
RP11-887P2.5__anti	0	3.02562	5.88288	83.9007	5.26561	34.8538	5.40863	20.1364	0.042083	-3.79925	-1.52216	2.277085	0.251495	0.489748	0.347854
RP11-889D3.2__linc	0	0	0	0	2.37083	0	0.725225	0	0	#NUM!	#NUM!	1.708892	0.42265	0.42265	0.616786
RP11-88H10.2__linc	0	0	0.042548	0	0.27035	0	0.614517	0	0	-2.66767	-3.85229	-1.18462	0.519429	0.463908	0.704025
RP11-88H9.2__lincR	0.02865	0.056304	0.092926	0	0.193024	0.064114	0.11247	0.031343	0.1321	-0.53164	-0.63331	-0.10167	0.679173	0.409381	0.947975
RP11-88I21.2__lincF	0.035338	0	0.782344	0.842312	19.7037	189.602	1.82471	0.038465	0	-8.00565	-1.18815	6.817499	0.363397	0.690977	0.369152
RP11-88L24.4__anti	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-893F2.14__an	0	0	0.99665	0.089843	0.289114	4.49053	0.09949	0.018486	0.07365	-2.28861	2.378791	4.667402	0.362418	0.499445	0.389682
RP11-893F2.5__linc	0.089715	0.423736	0.481316	0	8.09583	17.6396	0.195807	0	0	-4.69325	2.344926	7.03818	0.240035	0.290316	0.240312
RP11-893F2.9__anti	0.224106	0.85892	1.15339	2.47537	2.20689	8.0904	0.556049	1.36169	0.474012	-2.5138	-0.09688	2.41692	0.179809	0.901234	0.241324
RP11-894P9.2__anti	11.2852	10.5617	7.17894	5.1164	3.93527	2.45085	4.48964	6.83699	5.6984	1.335388	0.76968	-0.56571	0.009453	0.121792	0.275347
RP11-896J10.3__prc	0	0.073558	0.280344	0.054587	12.0587	23.698	0.174749	0.014969	0.029823	-6.66092	0.688859	7.349781	0.221815	0.750581	0.22622
RP11-897M7.1__linc	0	0.024486	0.159074	0.073746	5.10683	8.95383	0.270538	0.022731	0.026422	-6.26681	-0.80042	5.46639	0.20707	0.739159	0.22379
RP11-899L11.1__lini	0.021644	0	0.043304	0	2.69662	4.51026	0	0	0.094098	-6.79394	-0.53486	6.259075	0.209751	0.695189	0.206366
RP11-89C3.4__lincR	0	0	0.383451	0	0	1.59862	0	0	0	-2.05971	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
RP11-89H19.1__anti	0	16.1817	0	7.87597	7.13885	9.48529	0	0	0	-0.59843	#DIV/0!	#DIV/0!	0.685891	0.42265	0.007119
RP11-89K21.1__linc	0.221592	1.45499	1.7269	0.719681	3.25635	25.6659	1.26566	0.325934	0.228537	-3.12256	0.902969	4.025525	0.369112	0.574236	0.372822
RP11-8L2.1__proces	2.63099	8.66494	4.39122	1.17767	1783.81	61.0596	1.26601	0.10369	5.81526	-6.87871	1.126531	8.005244	0.404995	0.441272	0.405082
RP11-8L21.1__lincR	0	0	0.282701	0.364468	0	2.40016	1.2275	0	0.302429	-3.28974	-2.43612	0.853621	0.333081	0.413446	0.685736
RP11-8L8.2__lincRN	0	0	0	0	2.21733	2.16545	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.183561	#DIV/0!	0.183561
RP11-902B17.1__pri	0.946909	0.342427	1.19911	2.54284	4.39131	10.5453	0.479056	0.722931	0.455633	-2.81234	0.586132	3.398475	0.160501	0.498928	0.164435
RP11-909B2.1__linc	0	0	0	0	3.1693	2.51275	0	0	0.053806	#NUM!	#NUM!	6.722501	0.1889	0.42265	0.18993
RP11-909M7.3__linc	11.3149	5.11343	9.46686	38.1106	4.68023	296.357	2.20595	6.0482	6.25071	-3.71116	0.836148	4.547306	0.372329	0.322402	0.358816
RP11-90C1.1__lincR	0	0	0.117387	0.231272	3.34302	2.21187	0.228721	0	0.126917	-5.62326	-1.59914	4.024125	0.171787	0.399115	0.204215
RP11-90C4.1__lincR	0	0	0.458929	1731.06	6.32791	13.0955	0	0	0.369447	-11.8972	0.312904	12.2101	0.416344	0.42265	0.416314
RP11-90C4.2__lincR	0	0	0	0	0.705617	78.8654	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.417507	#DIV/0!	0.417507
RP11-90H3.1__pseu	16.5634	12.5305	10.0623	94.3988	5.81814	42.5499	10.5778	12.6466	207.226	-1.86635	-2.55714	-0.6908	0.292996	0.440095	0.726219

RP11-90K6.1__lincR	2.78292	1.17663	4.49148	0.504959	6.33238	3.62799	1.16051	1.34154	0.960535	-0.30842	1.287278	1.595696	0.796056	0.259494	0.290297
RP11-91A18.4__anti	1.27735	0.424338	1.17026	0.835465	0.326442	0.257826	0.387738	1.33615	0.919798	1.01641	0.119479	-0.89693	0.176808	0.898491	0.451232
RP11-91I8.1__lincR	0	0	0	0	2.74025	2.72761	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.183506	#DIV/0!	0.183506
RP11-91I8.3__antise	0	0	0.831247	4.78971	0	0	0.069475	0	0	-2.52659	3.580707	6.107296	0.529875	0.472743	0.42265
RP11-91J3.2__lincR	1.52659	0	0	2.12453	0	0	1.41778	0	1.54342	-0.47683	-0.95587	-0.47904	0.42265	0.464681	0.71544
RP11-91K11.2__anti	0.075732	0.714582	4.54404	1.03584	0.053737	2.02209	2.74073	3.77188	4.79754	0.777626	-1.08423	-1.86186	0.538104	0.150986	0.042426
RP11-91K9.1__lincR	1.88903	0	0.190774	0.026412	3.86538	62.3016	0.240976	0.032577	0.043273	-4.99217	2.714687	7.706854	0.40545	0.384967	0.390254
RP11-91P24.7__anti	0.069224	1.1557	1.27237	4.39897	11.5053	19.2432	0.564502	0.302121	0	-3.81498	1.526889	5.341873	0.110199	0.415319	0.124035
RP11-923I11.3__linc	0.296982	1.77301	2.94912	1.35326	3.80195	0	0	0.282758	0.120618	-0.0386	3.637235	3.675834	0.978947	0.170031	0.27274
RP11-928F19.5__lin	0	0	0	0	0	0.285692	0	0	0.051786	#NUM!	#NUM!	2.463824	0.42265	0.42265	0.42265
RP11-92A5.2__antis	0	0	0	0	1.04654	0.224633	0	0.276498	0	#NUM!	#NUM!	2.200819	0.314342	0.42265	0.284068
RP11-92G12.3__linc	8.93773	5.98786	6.23137	4.53663	6.23491	18.483	4.07007	6.17998	5.50628	-0.46753	0.425201	0.892729	0.64094	0.366907	0.399841
RP11-930O11.1__lin	0.027399	1.36716	13.6577	0.072482	4.06837	3.50445	0.375009	0	0	0.977335	5.326911	4.349576	0.592976	0.382834	0.219524
RP11-930O11.2__lin	0	2.82761	1.14662	0	2.63495	0	1.08844	0	0	0.5929	1.868413	1.275514	0.334963	0.4857	0.686809
RP11-932A10.1__lin	0.021925	0	0.014642	0.029192	0.086161	0	0.021528	0	0	-1.65745	0.764348	2.421798	0.481318	0.407214	0.373764
RP11-932O9.7__ant	0	0.852186	0	1.03277	2.63673	31.4069	0.491949	0	0.644993	-5.36319	-0.41592	4.94727	0.372211	0.860265	0.365437
RP11-933H2.4__pro	2.58076	2.76059	3.195	11.5287	91.8338	20.6165	1.71631	6.38492	3.74989	-3.86033	-0.47333	3.387	0.269187	0.491973	0.261402
RP11-936I5.1__antis	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-93B14.5__anti	0	0	0	4.09683	7.73591	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.219577	#DIV/0!	0.219577
RP11-93H12.4__pro	0	0	0.229135	0.293873	0.629743	0.530004	0.29885	0	0	-2.66538	-0.38322	2.282157	0.066442	0.893118	0.190012
RP11-93I21.3__lincF	2.37865	4.84321	0.802207	3.01697	1.0558	41.8621	1.87952	1.02547	1.03864	-2.51718	1.024809	3.541994	0.469247	0.38928	0.406365
RP11-93K22.6__anti	0	2.3149	1.73711	1.38281	10.9934	3.62228	0	0	1.05889	-1.98123	1.936085	3.917311	0.232601	0.283611	0.24157
RP11-93L9.1__lincR	2.02726	10.6685	3.76275	5.19847	22.3989	637.473	9.90083	4.90029	2.13504	-5.3366	-0.04127	5.295328	0.409182	0.972131	0.411261
RP11-93N20.1__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-944L7.4__anti	6.41735	4.74657	5.8095	5.92208	78.5515	4.64697	1.39984	9.97413	4.52981	-2.39248	0.093908	2.486388	0.435701	0.91607	0.384928
RP11-945A11.2__lin	0	0	0.158073	0	0	23.1152	0	0	0	-7.19211	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
RP11-945C19.1__lin	0	0	0	0.100694	122.616	248.682	0.148817	0.055313	0	#NUM!	#NUM!	10.82927	0.226642	0.257676	0.226999
RP11-945C19.4__an	0.480246	0.755272	0.314741	0.167006	2.62159	9.48529	0	0.334653	0.159232	-2.98501	1.650262	4.635273	0.338804	0.07179	0.291825
RP11-946L16.1__lin	0	0	0.433579	0	0	6.06947	0	0	0	-3.8072	#DIV/0!	#DIV/0!	0.42265	0.42265	0.42265
RP11-94C24.6__linc	0	0	0	0	0	1.25255	0.649718	0	0	#NUM!	#NUM!	0.946983	0.42265	0.42265	0.75334
RP11-94L15.2__lincl	0	1.25277	1.10687	1.65854	5.14809	25.6659	1.10414	3.80013	3.49884	-3.78258	-1.83236	1.950225	0.302376	0.047878	0.374453
RP11-94M14.2__linc	0.081267	0	0.688772	3.50861	28.3415	41.376	0.277293	0.132552	0	-6.57128	0.909853	7.481136	0.158358	0.714456	0.162227
RP11-94P11.4__linc	0	0	0.98579	0	330.24	476.842	0.060808	0.067812	0.202529	-9.67722	1.573799	11.25102	0.196508	0.520687	0.196695
RP11-955H22.1__lin	0.259391	0	0	0	5.07088	5.71897	0.093685	0	0.155979	-5.3784	0.055139	5.433541	0.205023	0.975323	0.191625
RP11-955H22.3__lin	0	0	0	0.46885	3.87078	2.65217	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.143963	#DIV/0!	0.143963

RP11-956E11.1__lin	0.098234	0.11601	0.487744	0.888962	15.3279	5.49815	0.881254	0	0.524677	-4.9511	-1.00201	3.949095	0.243427	0.487119	0.27237
RP11-958F21.1__lin	0	0	0	0.155468	37.5408	6.9218	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.325187	#DIV/0!	0.325187
RP11-958J22.1__prc	0.014003	0	1.58073	3.97945	53.505	24.3389	1.25209	0.076532	0	-5.68113	0.263385	5.944511	0.205203	0.923537	0.209287
RP11-958N24.1__ps	2.65321	3.66338	5.55438	3.70905	5.06505	8.48661	0	1.20865	0.617171	-0.54005	2.700821	3.240875	0.089388	0.052192	0.063556
RP11-95D17.1__linc	2.47454	3.02277	2.46065	2.18048	2.28971	300.953	1.24691	2.00971	2.16236	-5.26227	0.554377	5.816644	0.424638	0.09478	0.420308
RP11-95H3.1__lincR	0.092125	0	0.270443	0.216132	12.0587	2.98899	0	0.144892	0.075069	-5.39572	0.721003	6.116726	0.304055	0.683452	0.291949
RP11-95I16.2__lincF	0.010482	0.140756	0.303943	0.121622	273.291	14.2177	0.479016	0.038035	0.075721	-9.30356	-0.38104	8.922523	0.393792	0.850452	0.394336
RP11-95L3.2__lincR	0	0	0	0	0.534408	0	0	0	0.078479	#NUM!	#NUM!	2.76757	0.42265	0.42265	0.512661
RP11-95M5.1__lincF	0.022728	0	0.08348	0	0.999993	2.63515	0.937508	0.024873	0.074345	-5.09705	-3.28708	1.809976	0.256606	0.412963	0.481998
RP11-95O2.1__lincR	0	0	0.056472	0	4.34374	4.93145	0.069134	0.030828	0.076771	-7.35969	-1.64595	5.713733	0.184856	0.114048	0.191118
RP11-95P13.1__linc	0.934567	0.254783	1.23744	4.64204	5.02146	0.795326	1.07217	0.117754	0.851249	-2.1076	0.249651	2.357251	0.234127	0.484957	0.198792
RP11-95P2.1__lincR	0.158933	0.240676	1.53169	0.088741	2.77698	1.54302	0.772605	0.498164	0.445806	-1.1908	0.170039	1.360834	0.43627	0.90266	0.406754
RP11-95P2.3__lincR	0	0	0.148132	0	1.85001	4.33225	0.819288	0	0.779081	-5.38318	-3.43165	1.951534	0.23849	0.190303	0.352751
RP11-960D24.1__lin	0	0	0	0	0	0	0	0	0.159418	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP11-960L18.1__lini	0.317094	0	2.11446	0.721751	5.76923	237.085	1.65966	0.85557	0.085042	-6.64635	-0.09678	6.549565	0.407659	0.962235	0.413095
RP11-964E11.2__an	0	0	3.69733	82.4427	2.09392	0	0	0	0	-4.51502	#DIV/0!	#DIV/0!	0.434629	0.42265	0.408177
RP11-966I7.3__antis	0.124873	0	0	0	91.5996	19.9684	0	0	0	-9.80325	#DIV/0!	#DIV/0!	0.313695	0.42265	0.312926
RP11-968A15.8__se	44.275	28.2367	19.5505	14.5288	39.9278	65.8776	24.3035	41.8037	26.4009	-0.38637	-0.00697	0.379395	0.709984	0.989742	0.60539
RP11-968O1.5__sen	11.5746	3.63124	5.18611	3.8334	4.39277	2.8222	3.12762	12.1713	11.0405	0.884166	-0.36922	-1.25339	0.336454	0.74303	0.221335
RP11-96B5.4__lincR	0.034594	0	0	0.091301	0.14675	0.196821	0.067537	0.075321	0	-3.65201	-2.04601	1.606007	0.082831	0.239674	0.199935
RP11-96C23.14__pr	0.170554	0	0.353664	0.491473	1.45815	227.522	0.489684	0.136777	0.868791	-8.77393	-1.51215	7.261783	0.418141	0.097531	0.419289
RP11-96C23.5__pro	12.6168	2.30697	8.00747	5.78035	1.83095	3.52153	19.2273	13.8199	18.1904	1.042494	-1.15989	-2.20238	0.168346	0.02323	0.003341
RP11-96D24.1__linc	0	0	0	0	0	43.0083	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP11-96H17.1__pro	0.01152	0.027168	3.41765	0.122535	5.18998	78.8654	0.101707	0.037793	0.050198	-4.60613	4.187473	8.793599	0.383735	0.440138	0.386066
RP11-96H19.1__linc	3.75389	28.5197	5.83124	8.40066	43.8934	61.0596	10.9988	14.0529	0.924745	-1.57279	0.55277	2.125555	0.244649	0.585836	0.249094
RP11-96K19.4__sen	0.143428	0.355843	0.150427	0.130259	0.14366	0.191388	0.077265	0.07879	0.07329	0.481586	1.502253	1.020667	0.508279	0.177607	0.059088
RP11-96L14.7__anti	1.65809	1.50013	2.89336	0.434676	2.60711	7.02252	2.76625	2.12745	4.56046	-0.73386	-0.64364	0.090227	0.478982	0.063553	0.897137
RP11-96P7.1__lincR	0.027189	0	0.081661	0	1.04911	25.4267	0.053321	0	0.029606	-7.92619	0.392441	8.318628	0.399885	0.74304	0.400525
RP11-973H7.5__linc	0	0	0.710332	0	2.42111	3.69479	0	0	0	-3.106	#DIV/0!	#DIV/0!	0.187902	0.42265	0.200654
RP11-973N13.3__an	0.398549	0.287253	0.815542	0	4.50668	33.1522	1.59867	2.7546	2.42885	-4.64866	-2.17548	2.473182	0.359905	0.042113	0.421488
RP11-973N13.4__an	31.2804	24.0917	10.8138	9.86197	11.4222	6.10747	8.72204	14.3623	38.5447	1.272788	0.102914	-1.16987	0.115623	0.928986	0.393468
RP11-977B10.2__an	0	36.7374	58.6695	46.1822	12.5255	15.7203	34.6559	153.692	115.192	0.358248	-1.66972	-2.02797	0.820706	0.106179	0.235726
RP11-977G19.5__se	467.245	373.615	222.894	179.321	149.519	75.794	147.887	437.885	237.445	1.394475	0.36982	-1.02466	0.032663	0.574118	0.272247
RP11-977P2.1__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-978I15.10__ar	0.056252	0.066332	0.177418	2.31096	456.324	24.626	0.885049	0.158612	0.269654	-10.6536	-2.13017	8.523446	0.389742	0.302701	0.390889

RP11-97E7.1__lincR	0	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP11-97O12.2__linc	0	0.441444	0.832772	0.065758	0.264516	4.8155	0	0.293188	0.107807	-2.01378	1.667954	3.681732	0.439395	0.318682	0.418169	
RP11-97O12.7__pro	7.76624	4.23193	5.70036	5.17297	6.84311	32.271	2.48334	4.87888	11.4304	-1.32326	-0.08654	1.23672	0.427724	0.919229	0.302573	
RP11-981P6.1__anti	0.987115	1.9744	0	3.95724	3.71736	83.3709	3.09797	11.372	0	-4.94218	-2.28865	2.653526	0.390531	0.310155	0.471957	
RP11-982M15.6__lin	0.024007	0.254833	0.240106	0.190739	0.965773	1.19175	0.164414	0	0.312943	-2.17794	0.120516	2.298453	0.119522	0.919944	0.172938	
RP11-982M15.7__lin	0	0	0.311944	0	3.99559	1.94289	0	0	0	-4.25073	#DIV/0!	#DIV/0!	0.247276	0.42265	0.228305	
RP11-982M15.8__lin	0.015247	0.215732	0.183281	2.18873	3.30667	0.537727	0.052394	0.041716	0.074811	-3.8643	1.294186	5.158484	0.145222	0.320289	0.13831	
RP11-983C2.2__linc	0	0	0.635296	0	0.066844	1.21804	0	0	0.045437	-1.01614	3.805493	4.82163	0.360617	0.42265	0.390727	
RP11-983P16.4__an	113.326	74.2968	38.891	38.2267	17.4124	44.6309	36.9901	75.7026	53.3043	1.175709	0.448442	-0.72727	0.227777	0.550315	0.356221	
RP11-989E6.10__lin	0.048674	0.487871	0.140266	0.381086	1.12782	7.66459	0.918516	0.26324	0.205808	-3.76065	-1.03573	2.724917	0.351013	0.54444	0.402863	
RP11-989F5.1__linc	0	0	0	0.204168	1.62085	6.33043	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.279799	#DIV/0!	0.279799	
RP11-98D18.3__anti	25.0015	13.8261	12.7698	10.53	4.44454	4.3674	7.22114	13.8618	14.8201	1.415566	0.523192	-0.89237	0.029275	0.49374	0.338443	
RP11-98D18.9__anti	0.560327	0.77762	0.362307	5.94125	1.34085	1.05302	0	0.646091	0.393049	-2.29345	0.71036	3.003813	0.297675	0.33777	0.300048	
RP11-98J23.2__pse	1.77447	1.27792	1.1052	1.0957	0.750214	0.66813	0.66888	2.2601	13.3022	0.725738	-1.96495	-2.69069	0.016158	0.432646	0.377935	
RP11-98J9.2__lincR	0	0	0.97839	1.72503	7.49466	6.97073	0.714951	0	0	-4.04859	0.452565	4.501152	0.099172	0.874485	0.131282	
RP11-98O2.1__lincR	0	0	0.193079	0.10191	33.9655	10.749	0.305991	0	0.167445	-7.85869	-1.29398	6.564714	0.275664	0.472863	0.280378	
RP11-996F15.2__an	0	0	0	12.3893	7.60632	11.7411	12.7796	0	0	#NUM!	#NUM!	1.31231	0.019468	0.42265	0.217946	
RP11-999E24.3__se	0.922493	7.05907	0.066658	0.484358	0.353898	0.411396	0.390808	0.667046	1.37051	2.687144	1.728685	-0.95846	0.416621	0.50428	0.328382	
RP11-99E15.2__linc	2.64686	1.35753	1.24279	9.32396	13.7645	714.898	0.247036	1.25864	1.05602	-7.13591	1.034443	8.170351	0.407326	0.356416	0.405333	
RP11-99H8.1__lincR	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
RP11-99J16__A.2__	63.679	0.742207	2.75034	5.53222	31.5562	7.46588	1.22371	4.33751	3.05451	0.592286	2.962805	2.37052	0.802077	0.459598	0.256528	
RP11-99L13.1__linc	0	1.5747	0	0	5.44142	24.4279	0.419568	0	0	-4.24552	1.9081	6.153616	0.339484	0.590758	0.320706	
RP11-9G1.3__lincR	0.021391	0.050441	0.146303	0.109231	25.6035	0.249924	0.079559	0.008062	0.104419	-6.89507	0.183818	7.078892	0.418332	0.819067	0.418708	
RP11-9L18.2__pseu	8.73815	40.2943	3.00148	5.67336	3.59843	5.61664	2.50776	21.5259	6.71341	1.805261	0.759004	-1.04626	0.419066	0.389192	0.497967	
RP13-137A17.4__lin	0.033847	0.134859	0.238511	0.145615	1.74229	0.569549	1.30098	0.049354	0.135207	-2.5933	-1.86712	0.726176	0.280408	0.511406	0.732172	
RP13-137A17.5__lin	0	0	1.1038	0	2.325	3.61973	0.530073	0	0	-2.42913	1.058216	3.487348	0.184138	0.729484	0.278796	
RP13-15E13.1__linc	4.12771	3.22364	5.21448	0.657127	1.23343	10.7105	1.87506	4.94869	5.14922	-0.00404	0.069725	0.073764	0.997008	0.879393	0.946658	
RP13-20L14.1__linc	0.083793	0.735853	0.333298	0	0	4.12933	0	0	0.179598	-1.84059	2.682479	4.523065	0.555689	0.257047	0.42265	
RP13-238F13.3__an	0	0	0	0	0.143248	0.955771	0	0	0.109767	#NUM!	#NUM!	3.3237	0.343451	0.42265	0.334366	
RP13-259N13.2__lin	0	0	0.45011	0	1.69273	1.17302	0.69903	0	0.193866	-2.67056	-0.98821	1.682349	0.242288	0.656632	0.451523	
RP13-270P17.2__an	367.119	232.209	321.2	76.577	86.1566	88.9858	143.963	287.937	264.373	1.870645	0.402809	-1.46784	0.033659	0.453525	0.069088	
RP13-30A9.2__antis	0	0	0.787413	0	3.01183	2.11525	0	0	0	-2.70294	#DIV/0!	#DIV/0!	0.238805	0.42265	0.195708	
RP13-329D4.3__linc	0	0	0	0	0.433864	3.89832	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.362331	#DIV/0!	0.362331	
RP13-379L11.1__lin	0	0.07588	0.046429	0.183463	3.15604	9.93164	0	0	0	-6.76162	#DIV/0!	#DIV/0!	0.26692	0.206192	0.264861	
RP13-379L11.2__lin	0	0	0.032687	0.065031	7.79299	3.32629	0.064008	0.03568	0.035538	-8.41855	-2.04859	6.369964	0.23902	0.192747	0.242955	

RP13-379O24.2__lin	0	0.064438	0.273534	0.127059	0.102238	0.274624	0.093767	0.014933	0.118999	-0.5763	0.569777	1.146073	0.277265	0.660291	0.121438
RP13-392I16.1__linc	0.098981	0	0.098754	0	0.36531	1.53689	0.433411	0	0.106902	-3.26603	-1.45023	1.815802	0.338263	0.408758	0.488838
RP13-395E19.3__pri	0.413397	0.189291	1.19887	0.320612	0	1.21655	0.442804	1.31908	0.17771	0.228976	-0.10651	-0.33549	0.27842	0.947678	0.861985
RP13-39P12.3__anti	0.97126	0	1.07131	1.61693	8.97501	31.5457	1.59518	0	0	-4.36665	0.356666	4.723318	0.271476	0.791651	0.286314
RP13-455A7.1__linc	0	0	0	0	2.72391	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP13-487K5.1__linc	0.074415	0	0.148132	0	0	2.92647	0	0	0	-3.71698	#DIV/0!	#DIV/0!	0.438315	0.224918	0.42265
RP13-514E23.1__se	0.077829	0	0.194689	0.154823	0.10378	0.167195	0.114331	0.78249	0.021158	-0.64382	-1.75211	-1.10829	0.330156	0.535532	0.591384
RP13-516M14.1__lin	0.186306	0.251139	0.505638	0.950768	0.283131	4.5521	0.559709	0.609416	0.375631	-2.61711	-0.71192	1.905187	0.321042	0.348955	0.418007
RP13-516M14.2__ar	0	0.011327	0.173172	0.166144	0.13372	0.322436	0.075418	0.021017	0.115161	-1.754	-0.1977	1.556299	0.007534	0.836423	0.061939
RP13-516M14.4__lin	0	0.07906	0.159355	0.17797	0.074146	6.1631	0.131384	0	0.118537	-4.74995	-0.068	4.681954	0.406269	0.958133	0.41118
RP13-539F13.3__lin	0.031458	0	0.042005	2.37984	25.6035	4.36319	0.396705	0	0.034278	-8.78239	-2.55255	6.229836	0.285319	0.43499	0.292447
RP13-578N3.3__anti	0.027572	3.0928	0.618874	0.073157	12.7412	44.9238	0.072023	0	0.7039	-3.94871	2.268762	6.217468	0.31244	0.447086	0.285355
RP13-614K11.1__lin	0.063096	0	0.162506	0	0.154469	1.9352	0.06193	0.071223	0.029475	-3.21143	0.472195	3.683621	0.395562	0.759065	0.417055
RP13-614K11.2__lin	0	0	0.194759	0	0.205885	10.4561	0	0.076641	0	-5.77464	1.3455	7.120142	0.411184	0.674168	0.415558
RP13-631K18.3__lin	0	0.115161	2.20063	0	0	3.19433	0	0	0	-0.46401	#DIV/0!	#DIV/0!	0.492953	0.393267	0.42265
RP13-653N12.1__lin	0	0.113376	2.6329	1.26563	3.31183	1277.67	0.436578	0	0	-8.86698	2.653165	11.52015	0.42063	0.500795	0.420781
RP13-726E6.1__linc	0.67758	1.58765	3.9296	5.76384	12.2695	26.9831	1.07775	3.41151	0.913489	-2.86132	0.197371	3.058686	0.135011	0.871084	0.181113
RP13-726E6.2__pro	0.042444	0.721829	1.31647	4.04278	2.0652	19.5466	1.74196	0.104457	0.223599	-3.62405	0.007457	3.631503	0.272646	0.997069	0.303787
RP13-735L24.1__lin	0.045511	0.061564	0	0	1.36799	3.16341	0.353703	0.232881	0.06875	-5.40326	-2.61361	2.789654	0.253728	0.118886	0.324972
RP13-766D20.2__an	0.352655	1.05052	1.09357	7.15084	3.44466	4.50384	2.29492	0.510744	1.50822	-2.59637	-0.78894	1.807426	0.087467	0.49024	0.029419
RP13-81N3.2__lincR	0	0	0	0	0	1.86473	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP13-895J2.2__anti	0	0.041366	0.081963	0.124375	0.350317	0.156853	0.091766	0.012787	0.089167	-2.35638	-0.65146	1.704918	0.140449	0.578345	0.268984
RP13-941N14.1__lin	0	0	1.22201	0	6.43933	30.778	0	0	0	-4.92865	#DIV/0!	#DIV/0!	0.312979	0.42265	0.316653
RP13-977J11.2__linc	0.083784	0.049406	0.729048	0.222115	0.977134	0.947644	0.761051	0.605467	0.091077	-1.31609	-0.75743	0.55866	0.229902	0.682885	0.630863
RP13-98N21.3__pse	0.085578	0.019323	0.245852	0.029058	0.105233	0.119527	0.109866	0.009957	0.032733	0.466662	1.201112	0.73445	0.65642	0.467036	0.615678
RP3-322G13.5__ant	0	0.733948	0.853094	0	0.516042	0.557292	0.260479	0.042705	0.224037	0.564241	1.589862	1.025621	0.192731	0.369348	0.503301
RP3-322G13.7__ant	6.25516	4.67061	4.36009	2.69356	1.49447	1.25493	2.80446	4.44079	7.00565	1.489734	0.101145	-1.38859	0.001863	0.862769	0.213111
RP3-333H23.8__anti	0	0.030228	0.034204	0.02268	0.291926	6.20309	0.117204	0	0.074368	-6.66043	-1.57203	5.088401	0.396581	0.424411	0.404799
RP3-380B4.1__lincR	0	0	0	0	0	0	0.171484	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP3-388M5.9__antis	0.169345	0.024965	0.105886	0	1.35071	1.53428	0.082892	0.138632	0.161068	-3.26459	-0.3499	2.914688	0.237114	0.689279	0.21202
RP3-395M20.7__ant	0.13045	0.04397	0.503531	140.256	2.55969	3.45368	0.363617	3.73499	0.484387	-7.75323	-2.75704	4.996193	0.400359	0.390396	0.415398
RP3-395M20.8__pro	7.21714	5.20368	0	3.88737	3.70832	5.21441	2.9139	11.2825	6.77241	-0.04452	-0.75548	-0.71096	0.96469	0.509744	0.395617
RP3-395P12.2__linc	0	0	0	0	0.269365	1.9304	0.248631	0.11095	0	#NUM!	#NUM!	2.612961	0.3484	0.237487	0.45594
RP3-400N23.6__anti	8.68132	5.78881	3.33145	20.6801	7.68692	43.3722	4.16394	6.56463	8.31086	-2.01076	-0.09698	1.913772	0.255767	0.894401	0.215271
RP3-414A15.10__an	0.883231	0	1.6952	0	0.442336	284.234	0.321792	0	0	-6.78669	3.002293	9.788978	0.423554	0.270408	0.422406

RP3-414A15.2__anti	0	0	0	0	2.72391	1.07387	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.251131	#DIV/0!	0.251131
RP3-416H24.1__anti	0	0	0	0	1.4356	0.388265	0.529754	0	0	#NUM!	#NUM!	1.783604	0.291941	0.42265	0.526732
RP3-436N22.3__anti	0.232053	0.01303	1.35158	0.191034	23.1095	62.8934	0.292715	0.02417	0.048157	-5.75445	2.128923	7.883378	0.256961	0.455064	0.259859
RP3-437I16.1__lincF	0	0	0.167391	0	1.19989	248.682	0.150279	0	0.030342	-10.5438	-0.10974	10.43407	0.419869	0.962445	0.420219
RP3-439F8.1__antis	0.037785	0.059409	0.151331	0.172165	1.8418	11.5452	0.061765	0.04356	0.075943	-5.76973	0.455276	6.22501	0.333673	0.518711	0.334729
RP3-449O17.1__pse	5.08149	12.3908	10.7203	98.0749	11.9006	13.7863	2.15879	52.3899	21.2701	-2.13418	-1.42724	0.706939	0.406988	0.336944	0.734817
RP3-467K16.2__anti	0	0	1.63598	0	3.20138	16.032	0	0	0	-3.55539	#DIV/0!	#DIV/0!	0.311088	0.42265	0.32077
RP3-467K16.4__linc	0.011095	0.019622	0.106215	0.029562	0.199197	0.278243	0.107381	0.042514	0.571178	-1.88854	-2.39669	-0.50816	0.143176	0.290558	0.637764
RP3-473L9.4__lincR	0.775673	0.367895	2.14572	2.07425	3.75238	7.02459	0.545673	1.63665	0.432794	-1.96606	0.3309	2.296958	0.091739	0.818455	0.166429
RP3-476K8.3__antis	0	1.01619	0	3.2585	1.49898	3.65856	0.477815	0.296162	0	-3.04997	0.392808	3.442779	0.132175	0.838173	0.071159
RP3-477O4.5__pseu	0	0.747152	1.39484	0.274721	2.96584	10.749	0.360223	0	0	-2.70733	2.571991	5.279317	0.288784	0.366104	0.294331
RP3-508I15.9__antis	35.2965	14.3834	22.8577	10.3113	4.29096	12.0899	10.5069	21.8625	22.8652	1.442313	0.393157	-1.04916	0.087856	0.61419	0.200562
RP3-510D11.1__linc	0.103415	0	0.732897	0	0.276029	57.3175	0.151988	0.037655	0.131265	-6.10572	1.381882	7.487604	0.420896	0.507958	0.421785
RP3-513G18.2__linc	0	0.037044	1.19723	0	3.2883	2.42136	0.245406	0	0.27245	-2.20974	1.253039	3.462782	0.256243	0.568019	0.238415
RP3-514A23.2__linc	0	0	0	2.96916	9.65899	637.067	0.333365	0	0	#NUM!	#NUM!	10.92844	0.411279	0.42265	0.41158
RP3-518E13.2__anti	0.121852	0.674627	1.23471	0.091764	313.778	33.1522	0.150729	0.08121	0.069357	-7.41656	2.753071	10.16963	0.36713	0.236462	0.36539
RP3-522D1.1__lincR	0.267701	0.236981	0.466615	1.64643	5.45266	1178.23	0.644627	0	0.575965	-10.2531	-0.3296	9.923491	0.419423	0.68606	0.419492
RP3-522J7.6__lincR	0	0	0.079197	0.02624	1.02507	3.05192	0.096889	0	0.043033	-5.69516	-0.8211	4.874063	0.261186	0.660993	0.28032
RP4-530I15.9__antis	0	0	0	0	0	4.78433	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP4-534N18.2__linc	5.39189	1.59248	8.22569	3.60778	1.68304	637.067	3.02216	5.04535	5.98787	-5.40028	0.113903	5.514183	0.424207	0.8596	0.425198
RP4-536B24.4__linc	0.258412	0	0.707966	0.253273	0	5.44021	0	0	0.069534	-2.55865	3.796799	6.355451	0.423277	0.24821	0.396094
RP4-543J13.1__lincI	0	0	0	0	4.81581	6.90069	0.322505	0	0	#NUM!	#NUM!	5.183076	0.196131	0.42265	0.218832
RP4-544H6.2__lincR	0	0.258922	0.809162	0	6.79728	12.9739	0	0.143086	0	-4.2103	2.900071	7.110373	0.218116	0.34666	0.222795
RP4-550H1.4__lincR	0	0	1.04661	0.541877	2.39979	4.83086	0.852101	0	0	-2.89266	0.296628	3.189287	0.139677	0.916791	0.260502
RP4-553F4.2__antis	0	0	0.323026	0	0	10.4418	1.35589	0.116486	0	-5.01458	-2.18842	2.826152	0.42265	0.525574	0.50822
RP4-561L24.3__lincI	0.120502	0.18271	0.120599	0.045693	0.459486	41.6074	0.185535	0.188043	0.074916	-6.63469	-0.08167	6.553018	0.419853	0.821089	0.420836
RP4-564M11.2__ant	1.26479	1.30653	0	0	3.55248	8.95383	0	0	0.42403	-2.28208	2.600271	4.882346	0.384385	0.336052	0.245053
RP4-564O4.1__lincR	0	0	0	0	8.20933	345.829	1.36487	0	0	#NUM!	#NUM!	8.018998	0.409111	0.42265	0.411394
RP4-568F9.6__lincR	0	0	1.09986	0.237362	7.03655	37.9399	0.674379	0.182215	0.670795	-5.36137	-0.47375	4.887624	0.320944	0.698913	0.334444
RP4-575N6.4__antis	0.538515	0	1.28225	0.138817	0	1.02785	0	0	0	0.642152	#DIV/0!	#DIV/0!	0.202932	0.244131	0.350571
RP4-575N6.5__sens	0.125153	0	0	0	2.26498	0	0	0	0	-4.17773	#DIV/0!	#DIV/0!	0.455382	0.42265	0.42265
RP4-583K8.1__lincR	0	0	0	0	0	0	0.374535	0	0	#DIV/0!	#NUM!	#NUM!	#DIV/0!	0.42265	0.42265
RP4-586O15.1__linc	0.051281	0	0	0	0	0.645569	0	0	0	-3.65407	#DIV/0!	#DIV/0!	0.470181	0.42265	0.42265
RP4-591L5.2__lincR	0	0	0	0	2.99663	4.65944	0.239995	0	0	#NUM!	#NUM!	4.995528	0.202105	0.42265	0.227841
RP4-598G3.1__lincR	0	0	0.037538	0.019957	0.200799	11.7979	0.044151	0	0.065377	-8.32269	-1.54486	6.777833	0.411899	0.203692	0.414046

RP4-601K24.1__linc	2.70887	3.99022	3.01393	17.2614	36.9853	189.071	2.30053	2.47982	3.21295	-4.64678	0.281129	4.927906	0.28835	0.370491	0.283509
RP4-601P9.2__lincR	0.023522	0	1.44258	0.249218	6.70575	9.93209	0.046031	0	0	-3.52586	4.993251	8.519112	0.177206	0.431727	0.188763
RP4-605O3.4__proc	8.24459	7.28874	3.71262	37.8597	8.89605	21.3265	4.06057	13.9069	9.73618	-1.82272	-0.52552	1.297203	0.18261	0.5057	0.353878
RP4-610C12.1__anti	0	0	0.836968	0	19.599	14.8874	1.41881	0	1.61617	-5.36471	-1.85844	3.506269	0.194382	0.216022	0.234207
RP4-613B23.1__anti	17.2633	27.3409	10.6746	44.9289	25.6035	72.3795	15.8937	31.5666	31.7575	-1.37033	-0.5191	0.85123	0.252056	0.35852	0.268716
RP4-614C15.2__linc	0	0	3.06017	0	1.49489	4.78433	0.42224	0.067308	0	-1.03697	2.64409	3.681064	0.185566	0.519677	0.33288
RP4-614C15.3__linc	0	0	0	0	10.5435	1.6585	0.056943	0	0	#NUM!	#NUM!	7.743378	0.339948	0.42265	0.343038
RP4-616B8.4__antis	0	0	1.6918	0	0	3.279	0.523271	0	0	-0.9547	1.692929	2.647626	0.42265	0.61903	0.520848
RP4-635E18.7__anti	0	0	0	0	0	4.03184	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP4-639F20.1__anti	63.567	13.8941	16.485	15.2646	12.0927	9.17144	10.7341	43.1484	26.5495	1.362801	0.224064	-1.13874	0.321895	0.872561	0.293438
RP4-640H8.2__lincR	0.014188	0.050195	0.611906	0.113093	1.07836	2.15961	0.800524	0.07754	0.06179	-2.30891	-0.4748	1.834111	0.170064	0.841499	0.425661
RP4-647C14.2__anti	0	0	0	0	0	25.4267	0.875236	0	0	#NUM!	#NUM!	4.860528	0.42265	0.42265	0.442853
RP4-655J12.5__lincI	0	1.49087	0.836556	1.23014	0	2.23381	0.948779	0	0	-0.57368	1.294591	1.868274	0.724876	0.592894	0.355025
RP4-656G21.1__linc	0	0	0	0	1.06856	1.94321	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.215899	#DIV/0!	0.215899
RP4-660H19.1__linc	0	0	0.070579	0	1.51206	27.1076	0	0	0.097974	-8.66355	-0.47317	8.190386	0.391312	0.42265	0.391281
RP4-663N10.1__anti	0.154243	0.012393	2.05073	3.28465	21.0558	99.567	3.10844	0	0.331096	-5.80427	-0.63337	5.170905	0.296085	0.793574	0.314387
RP4-665J23.1__lincI	0.871079	0.511807	0.615928	0.273732	4.62212	79.1978	0.760129	2.44943	1.55695	-5.39478	-1.25379	4.140992	0.39768	0.259154	0.410353
RP4-666F24.3__linc	0.16083	0	0.159983	0	0	0	0	0.08677	0.689956	#DIV/0!	-1.27567	#NUM!	0.183506	0.530461	0.355121
RP4-668G5.1__antis	230.76	0	0.545544	153.242	2.15671	30.5084	0.266807	0.522444	0.02693	0.315218	8.146694	7.831476	0.684721	0.422662	0.314946
RP4-669L17.10__linc	3.429	1.52207	4.63558	3.87503	0.883482	1.24327	0.753967	0.409995	0.577389	0.675636	2.46082	1.785184	0.405352	0.091582	0.237576
RP4-669L17.2__lincI	0	0.201209	0.096841	0.50478	0.027631	0.086369	0.669894	0.130914	0.085145	-1.05387	-1.57168	-0.5178	0.653163	0.496157	0.20799
RP4-672N11.1__linc	0	0	0	0	2.90372	1.299	1.08939	0	0	#NUM!	#NUM!	1.947803	0.237217	0.42265	0.465418
RP4-678D15.1__anti	4.8767	3.78191	3.92555	16.1224	35.8449	39.0984	1.74398	0.017634	5.16122	-2.8553	0.862174	3.717473	0.073469	0.352861	0.054884
RP4-680D5.2__antis	0	0.085334	2.78068	0.027503	1.17692	6.50642	3.18174	0.022617	0.056328	-1.42784	-0.18613	1.241714	0.279537	0.945607	0.646697
RP4-683M8.2__lincF	0	0	0	0.170849	1.45311	1079.69	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.421782	#DIV/0!	0.421782
RP4-684O24.5__ant	0	0.01986	1.72453	5.3467	11.7611	44.4507	14.4987	0.118283	0.903941	-5.14116	-3.15342	1.987744	0.226248	0.452296	0.422128
RP4-686C3.7__antis	0	0	0	0	0.568518	3.23218	0.299212	0	0	#NUM!	#NUM!	3.667024	0.331362	0.42265	0.386546
RP4-694A7.4__antis	3.23436	2.43229	7.88629	3.76148	5.42229	13.3078	2.78592	3.15237	7.70192	-0.73078	-0.00926	0.721519	0.169468	0.941959	0.165821
RP4-694B14.5__anti	4.40544	5.74729	4.56214	37.3213	110.574	41.1977	2.57539	5.10419	3.78628	-3.68375	0.35993	4.043679	0.130743	0.102122	0.124812
RP4-697P8.3__lincR	0.014996	0	0.075057	3.00976	4.78967	9.77181	0.454823	0.68329	0.130589	-7.60823	-3.81644	3.791791	0.100638	0.16453	0.127382
RP4-704D23.1__linc	0	0	0.06392	1.42725	1.36851	1.57315	0.373401	0	0.138123	-6.09487	-3.00047	3.0944	0.000808	0.321191	0.008255
RP4-705D16.3__anti	23.0832	23.9914	13.1014	11.6705	5.07596	6.68169	9.74856	15.7419	19.6183	1.360945	0.415781	-0.94516	0.077772	0.487702	0.258294
RP4-705F19.1__linc	0	0	0	0	1.28156	5.0016	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.297412	#DIV/0!	0.297412
RP4-705O1.1__lincR	1.60318	0.120179	0.203906	0	29.1989	13.0311	0.432979	0	1.33193	-4.45364	0.126961	4.580603	0.268797	0.942486	0.257353
RP4-706G24.1__ant	0	0	0	0.783316	5.89884	2.51534	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.178043	#DIV/0!	0.178043

RP4-710M16.2__linc	2.57496	0	3.59915	0	6.43933	8.24722	0	0	0.156644	-1.25019	5.30067	6.550862	0.411323	0.191859	0.188725
RP4-712E4.1__lincR	0	0	0.218724	0.135291	0.46164	0.103057	0.266483	0	0.295758	-1.67822	-1.36208	0.316142	0.438406	0.285025	0.846222
RP4-717I23.3__proc	56.244	19.851	21.3811	17.2401	6.42202	62.8203	11.551	26.4647	21.8084	0.172642	0.704322	0.53168	0.891447	0.518868	0.665413
RP4-718J7.4__lincR	0	0.097008	0	0	4.37351	25.7566	0	0	0	-8.27889	#DIV/0!	#DIV/0!	0.335881	0.42265	0.334146
RP4-723E3.1__lincR	0.072908	2.33309	1.34376	2.82938	663.926	605.201	5.41995	0.035996	0.158892	-8.40604	-0.58245	7.823589	0.182579	0.818689	0.186049
RP4-724E16.2__anti	9.15929	23.3914	11.3177	8.31468	7.44425	26.7109	9.04271	12.997	6.3225	0.046743	0.629212	0.582468	0.963596	0.223747	0.614774
RP4-726F1.1__lincR	0	0	0	0	0	0.145394	0.300534	0	0	#NUM!	#NUM!	-1.04756	0.42265	0.42265	0.731711
RP4-726N1.2__antis	0	0	0	0	1.96831	4.2537	0.40311	0	0.232237	#NUM!	#NUM!	3.291764	0.23357	0.211521	0.282502
RP4-734C18.1__linc	0.052536	0.757175	0.963039	72.35	23.6564	24.4279	0.940228	0	0.220489	-6.08611	0.610973	6.697086	0.136994	0.744499	0.128599
RP4-735C1.4__antis	7.81092	19.4471	49.562	11.859	6.39295	25.5918	49.6428	15.3603	11.869	0.809111	-0.00098	-0.81009	0.310009	0.999467	0.537012
RP4-735C1.6__lincR	0	1.55742	0	0	4.87021	31.5457	0	0	0	-4.54734	#DIV/0!	#DIV/0!	0.365508	0.42265	0.341319
RP4-737A23.2__anti	0	0	0	0	19.0987	0.599975	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.404806	#DIV/0!	0.404806
RP4-737E23.2__linc	0	0.182341	0.34864	0	0	0	0	0	0.188792	#DIV/0!	1.491863	#NUM!	0.220824	0.185262	0.42265
RP4-738P15.1__linc	0.027785	0.440751	0.325536	0.096502	4.57227	0.702649	0.21708	0.092604	0.897854	-2.75796	-0.60473	2.153236	0.363084	0.65708	0.464051
RP4-740C4.6__proc	0.039814	0.10955	1.44397	0.35272	0.156103	3.14206	0.104115	0.101558	0.101164	-1.1962	2.376505	3.572701	0.312267	0.447503	0.367305
RP4-742J24.2__anti	0	0	0	4.66287	8.71464	12.3309	4.88264	40.7335	2.81318	#NUM!	#NUM!	-0.91364	0.06077	0.320046	0.607298
RP4-749H3.1__lincR	0.135136	0.070668	1.62891	0.22633	2.63248	17.1771	1.45247	0	0.132046	-3.44896	0.211513	3.660474	0.333138	0.927602	0.383892
RP4-749H3.2__lincR	0	0	0	0	0.61708	9.71453	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.387211	#DIV/0!	0.387211
RP4-753D10.3__sen	0	0	1.0477	0	7.42011	3.86578	0.19612	0	0.108875	-3.42922	1.780368	5.209591	0.255279	0.552909	0.237938
RP4-753D10.5__anti	1.04506	1.29623	0.531364	0	2.37086	6.92298	0.736913	0.235579	0.877624	-1.69389	0.634769	2.328659	0.435301	0.489972	0.33407
RP4-753D4.2__antis	0	0.024159	0.712883	0	1.88419	3.38334	0.180514	0	0.022271	-2.83731	1.861799	4.699107	0.196262	0.568127	0.241942
RP4-753M9.1__sens	0.037504	0.022115	0.857961	0.024874	0.751674	2.8495	0.446387	0	0.061184	-1.98249	0.854225	2.836718	0.262737	0.735758	0.38308
RP4-758J18.10__linc	0	0	0.540127	2.55889	7.68692	3.57241	0.20509	0	0.08539	-4.67713	0.89486	5.57199	0.113797	0.711066	0.108715
RP4-758J18.13__linc	0.664603	0.963957	0.790735	1.61681	2.3152	1.41534	0.977054	0.663483	1.01209	-1.14424	-0.13284	1.011402	0.043347	0.723227	0.14357
RP4-760C5.3__lincR	0.63106	0	0.872722	0	4.7725	0.458098	0	0	0.452255	-1.79838	1.733387	3.531768	0.55469	0.199401	0.421943
RP4-760C5.5__lincR	0.001045	0.331067	0.62836	0.54881	4.80393	16.2644	0.18883	0.024022	0.034192	-4.49229	1.958978	6.451266	0.267096	0.407065	0.270942
RP4-764O22.1__linc	0	0	2.03614	0	2.76222	2.87807	2.25736	0	0	-1.46993	-0.1488	1.321133	0.279402	0.957986	0.57388
RP4-764O22.2__linc	1.28345	0	0.666584	0.025232	5.40359	7.99132	0.413874	0	0.093919	-2.78283	1.941188	4.724017	0.279309	0.200274	0.221577
RP4-765H13.1__linc	0	0	0.608625	0	1.23163	142.556	0	0	0	-7.88417	#DIV/0!	#DIV/0!	0.417662	0.42265	0.417683
RP4-771M4.3__lincF	0	0	0.091493	0.238548	0	0	0.088791	0	0.492489	-1.38255	-2.6675	-1.28495	0.66769	0.311486	0.615591
RP4-773A18.4__anti	0.121932	0	0.874903	0	3.99794	0	0.335044	0.167194	0	-2.00383	0.988984	2.992814	0.576812	0.688215	0.475149
RP4-773N10.4__anti	0.973655	1.89126	1.49242	2.25248	12.7842	129.986	1.00027	1.63081	1.2917	-5.05669	0.15157	5.208258	0.370249	0.239485	0.369389
RP4-773N10.6__anti	0.078818	0.18969	0.433745	0.317558	4.25276	11.2564	0.683571	0.043028	0.235685	-4.49423	-0.45447	4.039756	0.244801	0.770109	0.272901
RP4-775C13.1__pse	4.49002	8.96983	10.7192	3.38464	5.74166	4.59196	9.95496	9.02524	9.72471	0.81766	-0.24754	-1.0652	0.138842	0.529609	0.034401
RP4-781K5.4__lincR	0.14153	0.039934	3.02039	1.30783	2.90074	19.1934	1.46099	0.782153	9.23731	-2.86965	-1.8422	1.02745	0.291696	0.253015	0.323891

RP4-781K5.7__lincR	0.305704	1.24556	0.627732	0.375991	0.762183	6.9218	0	0.20902	0	-1.88711	3.381951	5.269062	0.462159	0.089937	0.348185
RP4-781K5.8__lincR	0.122443	0.18949	1.01477	0.122259	0.377243	1.65924	0.79571	0.075376	0.200261	-0.70235	0.30842	1.010765	0.284366	0.861293	0.616024
RP4-782G3.1__lincR	0	0.078805	0.066501	0	1.94612	4.61532	0.772965	0	0	-5.49685	-2.41131	3.085537	0.24665	0.535299	0.340591
RP4-782L23.2__anti	5.22595	1.51138	0.416965	2.5765	2.96361	4.35137	2.55661	0.978668	3.87357	-0.46738	-0.05044	0.416937	0.68143	0.966596	0.297975
RP4-784A16.4__anti	0.086991	0.045589	0.135528	0.218614	0.1863	0.259548	0.180231	0.137461	0.495108	-1.30937	-1.60009	-0.29071	0.001331	0.178188	0.648446
RP4-785G19.5__sen	43.4613	17.8843	20.1502	49.7813	7.16349	43.0168	19.55	26.7878	39.4121	-0.29465	-0.07341	0.221239	0.590485	0.923173	0.773477
RP4-788L20.3__lincI	0	0.046781	0.232917	0	16.1967	9.92495	0.853856	0.058777	0.201782	-6.54523	-1.99435	4.550887	0.207863	0.436021	0.23447
RP4-791M13.3__ant	0.426911	0.22627	0.602132	1.16006	8.04379	0.510838	1.41258	0.379703	2.30749	-2.95212	-1.7075	1.244624	0.378018	0.168769	0.588394
RP4-792G4.2__antis	0.014513	0	0	0.038556	4.18192	1.77119	0	0.103708	0	-8.68949	-2.83713	5.852358	0.240156	0.508235	0.235467
RP4-794H19.2__linc	1.45177	0.383625	2.36543	2.59172	136.332	284.403	1.89442	1.80185	12.9501	-6.65496	-1.98646	4.668492	0.227128	0.327737	0.224993
RP4-796I8.1__lincRf	0	0	1.6079	0	4.83083	1.91913	0	0	0	-2.0697	#DIV/0!	#DIV/0!	0.386725	0.42265	0.250282
RP4-798A10.7__linc	0.310047	0.04536	0.175878	0.451224	7.90597	64.6727	0.599945	0.196461	0.462801	-7.10286	-1.24496	5.8579	0.355789	0.0338	0.35927
RP4-798P15.3__pro	13.699	0.381874	7.31493	105.568	22.2062	28.2325	78.2716	14.0375	4.57205	-2.86621	-2.17889	0.68732	0.196425	0.340251	0.078289
RP4-799D16.1__linc	0.059383	0	1.83932	1.52439	5.74601	109.907	0.943164	0.064015	0.28059	-5.94754	0.56014	6.507677	0.38505	0.803277	0.390491
RP4-799P18.2__anti	0	0	0.035394	0	0	3.35987	0.103946	0	0.134659	-6.56878	-2.75307	3.815709	0.42265	0.18372	0.441547
RP4-800J21.3__anti	0	0	0	0	38.848	4.34109	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.362104	#DIV/0!	0.362104
RP4-803J11.2__anti	0.146698	1.26277	0	158.855	3.82661	0	0.576444	0.312627	0	-6.85076	0.66478	7.515537	0.4134	0.711883	0.409977
RP4-809F18.1__linc	0	0	0.309111	0.195662	0.420681	1.4689	0.173585	0.032262	0.09567	-2.75402	0.035887	2.789905	0.179079	0.984172	0.278462
RP4-811H24.9__linc	0	0.060657	0.358932	0.20239	2.44211	1.1536	0.614136	0.114312	0.38845	-3.17823	-1.41245	1.76578	0.225555	0.347693	0.376985
RP4-813D12.3__linc	0	0.064068	0.706019	3.63376	6.38932	14.0592	1.28727	0.029609	1.59092	-4.96681	-1.91683	3.049972	0.115439	0.210089	0.138586
RP4-816N1.6__antis	17.1527	11.6005	15.1195	3.84869	4.40254	9.22224	7.08071	18.5237	14.2423	1.328157	0.138863	-1.18929	0.061206	0.810305	0.157472
RP5-1004I9.1__lincF	0	0	0.370474	0.076302	1.07623	3.57014	0.474139	0	0	-3.67216	-0.35594	3.316221	0.255854	0.900532	0.345894
RP5-1007G16.1__ar	0	0	0.228915	6.67452	1.55573	20.8676	0	0	0.024867	-6.98996	3.202519	10.19248	0.233567	0.42265	0.234966
RP5-1007M22.2__ar	3.29132	23.8211	0.845184	13.5625	6.02167	15.0513	3.07854	1.20919	3.38063	-0.30901	1.866251	2.17526	0.845674	0.485203	0.051203
RP5-1010E17.1__lin	0	0	0	0	15.4373	38.9422	0.525389	0	0.177541	#NUM!	#NUM!	6.273538	0.25052	0.268203	0.257341
RP5-1010E17.2__lin	0	0.032492	0.146144	0.091346	0.350887	0.081842	0.161834	0.014225	0	-1.55275	0.020966	1.573713	0.408934	0.9932	0.43171
RP5-1021I20.1__ant	0.136261	0.28543	0.911007	0.098024	2.79266	13.294	0.522044	0.040447	0.362331	-3.60221	0.527102	4.129309	0.321309	0.670217	0.333972
RP5-1021I20.2__linc	0	0.101744	0.583266	0	0	0	0.056204	0	0	#DIV/0!	3.60738	#NUM!	0.332024	0.389575	0.42265
RP5-1021I20.5__ant	11.1403	7.31724	6.40463	4.66035	3.34993	4.98663	5.22282	9.43886	6.08376	0.935784	0.261158	-0.67463	0.113694	0.622402	0.279901
RP5-1022J11.2__linc	0	0	0.453653	0	16.4193	3.46918	0	0.140808	0	-5.4542	1.68786	7.14206	0.327857	0.619747	0.314991
RP5-1024G6.5__ant	0	1.73754	0	1.98571	1.62162	14.6577	0	1.64341	0	-3.39397	0.080354	3.47432	0.354913	0.42265	0.35122
RP5-1024G6.7__ant	0	0.019077	0.10534	46.2255	2.9538	0	0.095299	0.026557	0.044097	-8.62673	-0.41559	8.211134	0.388544	0.788765	0.387797
RP5-1024N4.2__linc	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP5-1027G4.3__ant	0	1.3625	0.271808	7.22078	9.20424	10.8358	0.964648	1.71982	0.11081	-4.06008	-0.77431	3.285765	0.01414	0.35625	0.02569
RP5-1028K7.2__linc	1.75561	0.234783	1.675	14.6595	2.66647	4.79977	6.35308	0.50624	1.58937	-2.59369	-1.20476	1.388926	0.210377	0.400462	0.138272

RP5-1028L10.1__an	0	0	0	0	3.07329	41.9523	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.382011	#DIV/0!	0.382011
RP5-1029K10.2__an	2.43358	0.050254	0.978897	0.034035	12.2058	23.1152	1.03169	0.278659	0.660157	-3.35193	0.813344	4.165278	0.274161	0.408163	0.24252
RP5-1029K10.4__an	0.191022	0.054785	0.144843	0.151338	0.48275	0.767635	0.140594	0.457882	0.129547	-1.84325	-0.89811	0.945145	0.22857	0.520862	0.390976
RP5-1031D4.2__linc	0.888371	0	1.83488	0	33.3774	28.6779	0.141821	0	0	-4.51015	4.263187	8.773339	0.200415	0.247635	0.1877
RP5-1031J8.1__lincI	0	0	0.412935	0	0	0.653104	0	0	1.23256	-0.6614	-1.57767	-0.91627	0.42265	0.42265	0.42265
RP5-1033H22.2__an	2.71147	0	0.603224	1.86799	17.8739	61.0596	2.62122	2.08886	6.43604	-4.60743	-1.74959	2.85784	0.290439	0.270286	0.292772
RP5-1039K5.13__an	3.13984	1.34963	2.17443	1.70704	1.23303	66.378	1.19008	2.78391	2.98887	-3.37879	-0.06331	3.31548	0.436724	0.932413	0.432255
RP5-1039K5.16__an	0	0	0.275676	0.323942	4.63846	1.10624	0.11976	0	0.03324	-4.46033	0.849444	5.309772	0.291908	0.738068	0.283281
RP5-1042I8.7__sens	1.02395	0.162616	0.183884	0.365279	0.04896	0.175242	0	0.025074	0.199748	1.217132	2.607796	1.390664	0.325476	0.359867	0.426142
RP5-1043L13.1__linc	0.024832	0	3.52164	2.73685	19.7037	579.152	2.1313	0.081452	4.08792	-7.40626	-0.82912	6.577137	0.400525	0.271507	0.402689
RP5-1051D14.1__lin	0	0	0	0	6.15384	3.66381	0.300281	0	0	#NUM!	#NUM!	5.030993	0.208562	0.42265	0.233442
RP5-1052I5.1__lincF	0.643126	0.183088	0.585747	1.40084	5.48259	73.2321	0.564347	1.40368	0.506112	-5.82631	-0.80923	5.017083	0.376202	0.499683	0.384636
RP5-1057I20.2__linc	0.140089	0	0.372521	0	1.73823	6.49511	1.37142	0.137952	0	-4.00554	-1.55801	2.447529	0.299796	0.555209	0.431486
RP5-1061H20.4__lin	1.82122	3.83296	1.27591	4.46305	21.4949	23.0318	1.62089	1.37453	3.62663	-2.82153	0.065596	2.88713	0.137267	0.947805	0.129423
RP5-1061H20.5__an	0	0	0.749144	0	2.12304	1.38136	0	0	0	-2.22585	#DIV/0!	#DIV/0!	0.281886	0.42265	0.201198
RP5-1063M23.1__lin	0	0	1.17131	0	1.29259	2.30831	0	0	0	-1.62023	#DIV/0!	#DIV/0!	0.185173	0.42265	0.214168
RP5-1063M23.2__lin	0.058582	0.011513	2.28757	2.02119	2.19375	8.64782	0.474336	0.053405	0.063845	-2.44777	1.994701	4.44247	0.134144	0.549356	0.211139
RP5-1065P14.2__lin	0	0	0.244514	0	4.0063	11.0557	0	0	0.06607	-5.94485	1.88785	7.832702	0.258009	0.42265	0.259825
RP5-1069C8.2__linc	0	3.91185	0.328941	3.27182	4.94674	103.801	0.229868	0.06237	0.372233	-4.72327	2.674054	7.397328	0.39895	0.464606	0.379364
RP5-1070A16.1__lin	0	0.094755	0	0	0	91.5893	0.131326	0	0	-9.91676	-0.47087	9.445883	0.423247	0.869619	0.423478
RP5-1071N3.1__anti	0.036533	0	0	0.080942	1.40588	17.7928	0	0	0	-9.04366	#DIV/0!	#DIV/0!	0.377532	0.42265	0.376355
RP5-1073O3.7__ant	0	0	0	0	0	1.57812	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP5-1074L1.1__anti	6.96677	3.13846	4.00838	7.036	6.02855	6.28752	4.6556	7.38799	7.97207	-0.4554	-0.50404	-0.04864	0.178433	0.455129	0.880924
RP5-1085F17.4__an	2.52896	3.89546	1.57679	6.98311	6.54187	7.86844	1.9403	1.87882	1.85656	-1.41888	0.495425	1.914302	0.051327	0.366481	0.005823
RP5-1086K13.1__lin	1.14075	0.458916	0.908011	1.05313	3.11806	1.78847	3.17728	0.507233	0.654419	-1.24888	-0.79099	0.45789	0.288845	0.484966	0.73654
RP5-1096D14.3__an	0	0	0	0	0.6947	1.04959	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.199896	#DIV/0!	0.199896
RP5-1096J16.1__an	0.022792	0	0.319176	0	3.27258	0	0.31227	0.02487	0	-3.25849	0.020514	3.279009	0.485434	0.993542	0.480558
RP5-1097P24.1__lin	0	0	0	0.244815	0	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP5-1100I6.1__lincF	0	0	0	0	0	4.1419	0.0693	0	0	#NUM!	#NUM!	5.901296	0.42265	0.42265	0.432389
RP5-1100I6.2__lincF	0.01251	0.045125	0.089076	0	11.6852	30.3928	0.147923	0	0.111102	-8.16395	-0.82012	7.343831	0.254244	0.551009	0.256149
RP5-1103B4.3__anti	0.37422	0.068386	0.536336	0	1.81153	4.70427	0.477383	0.06338	0.236746	-2.73465	0.332363	3.06701	0.29483	0.63301	0.312807
RP5-1103G7.4__ant	0.980915	10.5217	2.15043	10.2416	17.7302	48.6777	2.96044	2.55809	3.36037	-2.48905	0.62077	3.109824	0.242025	0.667696	0.190599
RP5-1109J22.2__linc	0	0	0.113346	0	4.74425	0.539063	0.05541	0	0.061519	-5.54264	-0.0449	5.497737	0.37336	0.972734	0.374482
RP5-1112F19.2__lin	0.012791	0.075418	4.14501	1.56188	65.0109	317.01	1.86162	0.041954	0.278613	-6.50164	0.95598	7.45762	0.314577	0.723702	0.318949
RP5-1114G22.2__lin	0	0	0	0	1.33341	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265

RP5-1119A7.10__an	0	0	0	0	2.2441	79.6536	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.406619	#DIV/0!	0.406619
RP5-1119D9.4__anti	1.17881	0	0	0	20.6458	21.7577	0	0	0	-5.16878	#DIV/0!	#DIV/0!	0.207087	0.42265	0.183784
RP5-1119O21.2__lin	0	0	0	0	7.68692	0	0.035981	0	0	#NUM!	#NUM!	7.739043	0.42265	0.42265	0.425358
RP5-1121H13.4__an	0	0	1.31866	0	13.3513	72.3795	1.20278	0	0	-6.02267	0.1327	6.155369	0.325968	0.962515	0.33702
RP5-1125A11.1__lin	1.78135	0.843429	2.0688	4.46612	3.12348	116.861	1.01594	0.992798	1.66541	-4.72874	0.353279	5.08202	0.397962	0.32965	0.395054
RP5-1125N11.1__lin	0	0	2.20034	0	0.978496	5.23961	0	0	0	-1.49875	#DIV/0!	#DIV/0!	0.273495	0.42265	0.326474
RP5-1142A6.8__anti	0	0	0.068517	0.036374	0	0.510206	0	0.014962	0.089424	-2.99589	-0.60739	2.388503	0.377213	0.19449	0.395905
RP5-1166F10.1__lin	0	0	0.054682	0	4.61454	2.30858	0.099287	0	0	-6.98421	-0.86054	6.123672	0.227837	0.772802	0.236596
RP5-1177I5.3__antis	0	0	0	0	0	1.11075	0	0	0.253712	#NUM!	#NUM!	2.13027	0.42265	0.42265	0.42265
RP5-1177M21.1__lin	0	0	0.150927	0	1.88537	3.8363	0.660357	0	0	-5.24451	-2.1294	3.115118	0.223055	0.565801	0.324399
RP5-1180C10.2__an	1.63093	1.42242	1.25838	2.42209	0.833082	7.37237	3.62313	1.27553	3.41654	-1.30147	-0.94748	0.353985	0.411207	0.214012	0.678905
RP5-1184F4.5__anti	0	0	0	0	0	4.2581	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP5-1185H19.2__lin	0	0.04277	0.108654	0	0	15.6548	0	0	0.039274	-6.69187	1.946945	8.638811	0.42424	0.20556	0.42265
RP5-1185K9.1__linc	0	0	0.19624	0	1.51206	61.9657	1.44334	0	0	-8.33749	-2.87872	5.458768	0.408694	0.505696	0.422338
RP5-1195D24.1__lin	0.121547	0	0.687776	0	0	0	0.950506	0	0.087694	#DIV/0!	-0.3593	#NUM!	0.330985	0.870875	0.37205
RP5-1198O20.4__lin	0.078186	0.452082	0.145406	0.932807	3.14104	131.998	0.284683	0.170706	1.04677	-7.65382	-1.15264	6.501187	0.407269	0.506329	0.406856
RP5-821D11.7__anti	6.81621	3.76967	0	0	1.0906	3.98651	0.903729	2.269	1.4323	1.060062	1.200859	0.140797	0.618577	0.448911	0.90775
RP5-827L5.2__lincR	0	0	0.155972	0	1.24594	1.55717	0	0	0.084104	-4.16767	0.891034	5.058703	0.184904	0.42265	0.186337
RP5-827O9.1__lincR	0	0	0.144685	0.23878	0.115128	11.9185	0	0.039406	0.078447	-6.40636	0.295924	6.702284	0.405446	0.799004	0.407446
RP5-836N10.1__linc	0.10208	0.023554	0.349704	0	0.330165	0.378109	0.088007	0.08722	0	-0.57535	1.439728	2.015081	0.585437	0.51292	0.327999
RP5-839B4.8__lincR	0.031298	0	0.156405	0	7.62861	34.3314	0.09172	0	0	-7.80442	1.033144	8.837563	0.311252	0.669495	0.312669
RP5-843L14.1__lincI	0	7.28874	0.338883	0	2.61345	51.5045	0.538218	0	0	-2.8268	3.824971	6.651773	0.477582	0.440565	0.400191
RP5-855F14.1__linc	0.144363	0.048636	1.58478	0.048007	0.071119	0.197144	0.107612	0.123706	0.109891	2.490847	2.381349	-0.1095	0.393453	0.438551	0.878011
RP5-855F14.2__linc	0.22677	0	0	0	0	1.14219	0	0.243148	0	-2.3325	-0.1006	2.231896	0.546135	0.97156	0.555515
RP5-857K21.2__linc	0	0.126717	0.176984	0	0.860687	0.1654	0.373146	0	0.261214	-1.75643	-1.06265	0.693779	0.431833	0.52626	0.760159
RP5-857K21.4__linc	366.655	826.535	606.714	1281.84	616.816	351.914	258.794	835.619	854.231	-0.32237	-0.11455	0.20782	0.732551	0.682121	0.849795
RP5-858B6.1__lincR	0	0	0.949804	0	0	1.98396	1.42528	0	0	-1.06268	-0.58554	0.477138	0.42265	0.839723	0.86796
RP5-858B6.3__antis	0	0	0.415379	0	1.80925	12.0482	0.753238	0	0.325156	-5.06009	-1.37638	3.683706	0.34078	0.495412	0.379256
RP5-860P4.2__lincR	0	0	0.337308	0.222363	0.446561	31.5457	0.164627	0	0	-6.57751	1.034866	7.612371	0.41035	0.73438	0.41348
RP5-864K19.4__anti	6.44745	3.78957	6.40199	3.52965	6.31487	476.842	3.94884	5.02148	9.50862	-4.87035	-0.15131	4.719039	0.423151	0.745423	0.421572
RP5-865N13.2__linc	0.039966	0	0.080027	0.106218	0.08806	1.84665	0.595508	0	0.116056	-4.0882	-2.56804	1.52016	0.373437	0.386495	0.573745
RP5-866L20.1__lincI	0.155355	0	0	0	0	1.33004	0.24944	0	0	-3.09783	-0.68312	2.414705	0.49353	0.42265	0.538966
RP5-882C2.2__antis	0.136872	0.06053	0	0.045414	0.365352	18.8331	0.167638	0.149516	0.42814	-6.60712	-1.91667	4.690445	0.416192	0.278406	0.419766
RP5-884C9.2__lincR	0.184907	0.072691	1.86645	0.163421	5.9609	27.8677	0.993934	0.022428	0.089343	-4.00031	0.941849	4.942157	0.309856	0.698993	0.331874
RP5-886K2.3__antis	6.91977	4.12434	8.54819	3.58342	2.43173	19.6168	5.44424	9.86852	10.5589	-0.38766	-0.40109	-0.01343	0.701552	0.421072	0.988337

RP5-887A10.1__linc	0.169621	0	0.337313	0	6.4423	2.40543	0.048755	0.559591	0	-4.12544	-0.26309	3.862343	0.288506	0.911885	0.251535
RP5-890E16.2__pro	0.124621	0	0	5.47678	15.8626	17.5049	0.191919	0.356947	0.64463	-8.28401	-3.25957	5.024437	0.077074	0.165975	0.075305
RP5-893G23.1__linc	0	0	0	0	0.430681	0.768486	0.265798	0	0	#NUM!	#NUM!	2.17363	0.214091	0.42265	0.414366
RP5-896L10.1__anti	0.021684	0	0.154037	0.096427	10.7257	24.3389	0.113774	0.023733	0.088722	-7.64455	-0.3645	7.28005	0.236533	0.747237	0.239074
RP5-898J17.1__linc	0	0	1.30799	0	7.85273	16.2644	1.86118	0	0	-4.20463	-0.50887	3.695769	0.220435	0.8596	0.292295
RP5-901A4.1__antis	18.6945	5.53897	16.9331	8.40672	4.42755	6.51479	7.58421	25.5166	18.8278	1.08921	-0.33506	-1.42427	0.142162	0.729115	0.230188
RP5-933E2.1__lincR	0	0	0	0	0	13.4916	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
RP5-936J12.1__linc	0	0	0.318947	0	2.22593	5.62109	0	0	0	-4.62076	#DIV/0!	#DIV/0!	0.244173	0.42265	0.250637
RP5-940J5.6__antis	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP5-943J3.1__sens	0.076452	0	0	0	0	0	0.221897	0	0	#DIV/0!	-1.53726	#NUM!	0.42265	0.42265	0.42265
RP5-944M2.2__lincF	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RP5-944M2.3__lincF	0	0	0.186334	0	9.54786	18.9706	0	0.202789	0	-7.25786	-0.12209	7.135773	0.223714	0.965503	0.226948
RP5-951N9.1__antis	0	0	0.014409	0	0	0	0	0	0.047009	#DIV/0!	-1.70598	#NUM!	0.42265	0.42265	0.42265
RP5-952N6.1__lincR	0.065388	0.077118	0.086143	0.171176	1.84132	32.9764	0.064004	0	0.047378	-7.25762	1.03762	8.295241	0.390703	0.215699	0.389444
RP5-955M13.4__ant	0	0.319037	0.995701	0	1.17801	22.1566	5.34658	0	0	-4.14962	-2.02384	2.125783	0.399708	0.572715	0.544959
RP5-963E22.5__linc	0.061334	0.072329	0.107442	0.142538	4.24689	1.43331	0.195389	0.067023	0.01669	-4.59396	-0.21113	4.382832	0.264392	0.864561	0.274847
RP5-968D22.1__linc	0.227694	2.76777	0.194756	0.178932	4.60993	1.3977	0.465252	0.018409	1.20491	-0.95548	0.917854	1.873335	0.213908	0.704977	0.436002
RP5-968D22.3__linc	0.730063	2.58606	0.779495	2.39628	0	8.95383	1.43504	0.482334	1.6803	-1.47055	0.187017	1.65757	0.520454	0.879943	0.391254
RP5-968P14.2__anti	0.150445	0.035483	1.21283	0.059942	0.112532	4.84158	0.11798	0.032882	0.212891	-1.84183	1.943116	3.784948	0.425099	0.40272	0.420085
RP5-971N18.3__anti	0	0	20.9085	0	6.00391	0	0	0.102556	0	1.800115	7.671534	5.871419	0.604423	0.425489	0.42265
RP5-977B1.7__antis	29.5458	36.5638	28.0971	18.3591	24.6504	31.5457	18.1472	26.248	29.053	0.337521	0.359103	0.021582	0.320701	0.221918	0.784682
RP5-983L19.2__linc	0	0.036272	0.114218	0.184295	5.73327	2.59883	0.045305	0.050499	0.03459	-5.8225	0.206793	6.029295	0.223209	0.874853	0.223604
RP5-984P4.4__lincR	0	0	0	0	0	3.71904	0.264662	0	0.195732	#NUM!	#NUM!	3.013989	0.42265	0.192504	0.467519
RP5-988G17.1__linc	0	0.044923	0	0	2.46136	167.196	0.037308	0	0	-11.8829	0.267986	12.15086	0.414367	0.924706	0.414343
RP5-991G20.1__ant	2.74239	2.1891	6.19395	2.45532	121.856	29.8184	1.15172	2.42665	292.979	-3.79221	-4.73638	-0.94417	0.323121	0.425383	0.715461
RP5-998H6.2__lincR	0	0.082608	0.028052	0	2.74675	3.37978	0.934929	0	0.061017	-5.79086	-3.16993	2.620931	0.188785	0.455763	0.32805
RP5-998N21.7__anti	0.98214	0.996016	1.65894	1.43138	1.28124	21.0896	1.02568	2.46469	1.4195	-2.71024	-0.4329	2.277339	0.401051	0.506391	0.446596
RP6-109B7.2__lincR	0.461362	3.08706	0	8.6198	1.76272	3.06158	0	0	1.18371	-1.92172	1.583862	3.505586	0.351799	0.591024	0.213178
RP6-109B7.3__antis	0	0	0	0	0.595301	1.16576	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.22324	#DIV/0!	0.22324
RP6-206I17.1__lincF	7.00367	89.3157	8.1803	23.9256	28.9959	216.364	17.0726	19.5652	52.4149	-1.36564	0.230767	1.596405	0.562389	0.892816	0.366905
RP6-42F4.1__proces	2.88187	2.30166	1.99861	1.61474	5.36628	2.12957	1.52647	1.39541	1.64679	-0.34313	0.65264	0.99577	0.664523	0.095383	0.344608
RP6-65G23.1__lincR	0	0	1.10565	0	1.90331	30.5084	0.146561	0.49149	1.34552	-4.87355	-0.84321	4.030343	0.38656	0.104787	0.398313
RPL12L3__pseudog	24.9401	26.7583	24.1114	14.7896	8.93851	4.35054	37.6059	28.8739	28.2318	1.432911	-0.32116	-1.75407	0.032363	0.190802	0.002804
RPL12P38__pseudo	2.40075	6.20927	5.39914	1.07922	2.20371	2.33286	6.03329	2.03287	2.57777	1.31881	0.39634	-0.92247	0.070719	0.687268	0.415079
RPL13AP3__pseudo	0.021025	0.024796	0.035057	0.334418	1.17412	0	0.082333	0.091797	0.114273	-4.22127	-1.83427	2.386992	0.308391	0.005781	0.369427

RPL13AP7__pseudo	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
RPL13P5__pseudog	0.621449	0.826903	1.19072	0.768132	2.12314	7.44964	0.479243	0	2.01743	-1.97026	0.080024	2.050285	0.304494	0.930203	0.224445
RPL14P1__pseudog	267.625	203.273	83.3041	111.759	51.3897	38.9066	152.247	189.334	203.495	1.455662	0.023955	-1.43171	0.084643	0.968485	0.093767
RPL18AP3__pseudo	221.26	89.8025	132.663	84.4707	28.9276	49.6455	56.1673	195.43	132.686	1.444408	0.207497	-1.23691	0.053429	0.824896	0.321299
RPL21P122__pseud	1.99124	1.28309	1.56719	2.91282	5.4581	12.7092	0.831756	1.96781	0.800385	-2.12235	0.427483	2.549834	0.21441	0.537414	0.197954
RPL23AP79__pseud	7.97017	2.52138	2.72392	8.65139	0	5.46028	2.23006	2.63672	1.89541	-0.09466	0.966665	1.061326	0.863215	0.357702	0.456238
RPL23AP7__pseudo	2.22673	2.96188	2.52307	1.58604	1.80508	3.2776	2.45691	1.92739	1.2771	0.209635	0.445886	0.236251	0.604495	0.276327	0.733864
RPL29P2__pseudog	0	0.130965	0.05533	0	1.26532	0.729783	0.269622	0	0.179543	-3.42081	-1.26966	2.151146	0.208681	0.532249	0.365132
RPL31P11__pseudo	0	0	0.059779	0	1.19021	1.07144	0.097508	0	0	-5.24161	-0.7059	4.535708	0.186175	0.809543	0.221223
RPL32P3__pseudog	1.46309	3.51247	3.87381	3.75721	7.09441	6.07479	5.76332	11.5802	2.49233	-0.93563	-1.16446	-0.22883	0.026317	0.313969	0.723777
RPL34-AS1__lincRN	100.552	149.162	35.0691	26.915	31.7008	15.749	119.651	83.327	74.2786	1.937172	0.038642	-1.89853	0.13209	0.944974	0.033551
RPL37P23__pseudo	17.7526	19.9534	556.202	638.855	156.835	21.6867	689.762	914.547	95.7039	-0.46076	-1.51723	-1.05647	0.844702	0.472197	0.332139
RPL5P1__pseudoge	12.2449	11.9993	9.34111	12.3034	5.63069	10.2211	6.71562	13.4384	14.4199	0.254429	-0.04185	-0.29628	0.512382	0.925335	0.646361
RPL5P34__pseudog	1412.68	835.471	446.528	398.89	139.087	259.535	540.197	778.783	581.4	1.756535	0.503825	-1.25271	0.119553	0.481624	0.12765
RPL7AP30__pseudo	45.4303	35.1532	32.7867	56.283	19.0955	18.2292	40.3973	24.9982	17.7253	0.276342	0.44776	0.171418	0.529285	0.073473	0.642888
RPL7AP31__pseudo	298.345	433.405	434.431	166.984	123.899	5.83618	12.2879	385.868	16.2964	1.974622	1.492514	-0.48211	0.078491	0.14707	0.776708
RPL9P9__pseudoge	59.6112	42.2063	21.4439	17.1125	11.7233	8.5115	35.8409	32.8532	29.1735	1.722645	0.332818	-1.38983	0.079317	0.45065	0.001325
RPLP0P2__pseudog	0.863487	0.399283	0.354364	0.384776	2.54211	17.6396	0.692414	0.393047	0.265627	-3.66878	0.259318	3.928102	0.372111	0.203388	0.366385
RPLP0P6__pseudog	319.361	107.707	179.221	97.2447	32.885	49.1484	123.698	238.239	199.177	1.757806	0.111712	-1.64609	0.080279	0.889509	0.137819
RPS11P6__pseudog	6.92754	12.2609	21.1104	6.67452	17.9124	131.998	15.4473	10.3523	7.06034	-1.95814	0.294408	2.252544	0.395328	0.740365	0.430694
RPS18P12__pseudo	74.3255	136.341	75.4738	12.0541	5.99809	19.891	43.9322	114.474	119.214	2.91481	0.04361	-2.8712	0.074184	0.914565	0.080508
RPS2P46__pseudog	69.5987	79.3924	57.0573	51.284	29.1758	24.5604	55.2042	93.4072	104.639	0.972316	-0.29758	-1.2699	0.067569	0.472361	0.166942
RPS2P5__pseudoge	129.52	127.95	106.646	82.0866	50.568	31.1429	92.5999	197.801	192.954	1.152485	-0.40868	-1.56117	0.020396	0.411652	0.157637
RPS3AP47__pseudc	71.0651	103.133	32.502	145.689	922.98	454.902	26.7545	6.02069	7.78011	-2.88185	2.349577	5.231422	0.178306	0.124537	0.166349
RPS4XP16__pseudc	1.19965	2.35604	3.79347	1.90724	2.19639	109.907	1.21539	1.26018	1.38912	-3.95545	0.927227	4.882672	0.419682	0.23865	0.414022
RPS4XP6__pseudoc	144.474	521.077	9.53042	140.723	120.948	505.513	664.096	182.356	142.48	-0.18451	-0.55081	-0.3663	0.916558	0.714356	0.79993
RPSAP52__pseudoc	0.831644	1.35233	1.07681	1.26948	24.4269	119.48	0.923438	0	0.055292	-5.47644	1.736237	7.212681	0.320782	0.223727	0.317029
RRN3P1__pseudoge	2.99866	20.8865	13.2082	17.0897	26.8237	6.25952	3.43693	25.6157	20.4017	-0.43575	-0.41494	0.020812	0.550389	0.172084	0.978934
RRN3P2__pseudoge	2.77224	3.6316	0	2.53289	2.30895	8.3015	1.88907	3.08517	5.70382	-1.03732	-0.73764	0.299682	0.537309	0.574354	0.489218
RRN3P3__pseudoge	1.6165	2.86913	1.2199	4.48339	6.21328	2.32605	2.34183	3.85226	2.72254	-1.1906	-0.64414	0.54646	0.0698	0.042708	0.261973
RUSC1-AS1__antise	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
SAA2-SAA4__proce:	67.6271	0.078028	16.1306	7.51094	1.51654	16.036	3.29892	0.582089	5.53116	1.741978	3.154966	1.412988	0.435719	0.340949	0.204294
SAA3P__pseudogen	0	0	0.742626	0	0.945082	2.59326	0	0	0	-2.25237	#DIV/0!	#DIV/0!	0.223235	0.42265	0.25986
SACS-AS1__lincRN/	0	2.1927	0.226141	0.05856	14.7295	14.7858	1.55422	0.016061	0	-3.61193	0.623293	4.235228	0.184013	0.817476	0.226888
SATB2-AS1__antise	0.896148	1.66633	0	1.68299	1.90809	10.0501	0	0.560124	0.879873	-2.41236	0.831474	3.243831	0.365683	0.612773	0.252217

SBF2-AS1__antisen:	0.173574	1.11505	3.07488	1.40088	7.29561	15.0513	1.50409	0.492036	1.07652	-2.44423	0.506006	2.95024	0.173016	0.699521	0.232029
SCAND2P__pseudo	0	1.08024	0.646985	0	2.13049	0	0	0	0	-0.30273	#DIV/0!	#DIV/0!	0.811254	0.208039	0.42265
SCARNA10__sense_	1019.8	989.178	334.184	227.973	270.568	79.719	284.805	854.804	586.856	2.018666	0.440636	-1.57803	0.072955	0.548586	0.145424
SCARNA12__snoRN	338.249	405.878	245.68	93.8354	95.4867	31.506	138.143	244.492	236.077	2.164223	0.677879	-1.48634	0.01206	0.167161	0.105924
SCARNA17__antiser	23.7241	15.6822	9.62614	5.59261	11.7855	6.47396	8.8143	32.7266	9.44814	1.039622	-0.05645	-1.09607	0.227179	0.950118	0.267708
SCARNA2__lincRNA	392.755	383.072	157.141	144.913	128.032	64.8638	169.659	308.953	279.257	1.465621	0.299879	-1.16574	0.06475	0.618387	0.13883
SCARNA5__snoRN#	166.925	671.014	132.326	48.255	185.248	24.8617	119.569	241.344	209.807	1.90897	0.765596	-1.14337	0.1964	0.474731	0.124583
SCARNA6__snoRN#	110.044	463.131	120.758	39.3284	113.866	34.8233	76.6283	132.12	243.161	1.883928	0.618763	-1.26516	0.203174	0.605828	0.282806
SCARNA9__antisen:	85.6799	192.269	123.193	0	28.9912	11.3991	171.277	62.6067	121.34	3.312032	0.175385	-3.13665	0.03411	0.829379	0.118837
SCDP1__pseudogen	436.149	56.7274	11.9545	1113.88	14.1509	36.9441	27.1531	46.8078	38.9491	-1.20643	2.160627	3.367054	0.439118	0.448116	0.441318
SDC4P__pseudogen	0	0	0	0	0.449103	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
SDCBP2-AS1__antis	3.97769	5.82332	2.93938	76.2734	6.63664	43.9184	8.15846	13.5505	4.17956	-3.3154	-1.0229	2.292494	0.207413	0.144453	0.263817
SDHAP1__pseudoge	9.84968	36.463	17.8166	12.6604	44.4169	10.7104	308.13	63.2215	2.96914	-0.08004	-2.54522	-2.46518	0.808506	0.40273	0.402445
SDHAP3__pseudoge	0	1.93815	3.18092	2.4761	67.8347	4.28737	1.796	23.0172	1.56599	-3.86519	-2.36545	1.49974	0.391776	0.421476	0.380044
SEC1P__pseudogen	1.75108	0.743142	1.24889	0.991863	10.1038	25.5209	0.824669	2.59652	0.968018	-3.29019	-0.22972	3.060464	0.270736	0.821602	0.275322
SEC24B-AS1__antis	0	3.22758	1.64036	4.22004	7.62861	31.5457	1.75312	0.739631	0.788845	-3.15612	0.568914	3.725038	0.271206	0.710206	0.267472
SEMA3B__processe	0.556814	3.52363	1.18928	2.05705	9.19687	3.93372	2.10198	3.83605	3.14913	-1.5271	-0.7861	0.740996	0.116108	0.123723	0.349938
SENP3-EIF4A1__prc	100.881	48.2921	64.8158	37.6388	19.3073	24.392	37.4884	68.6396	46.8024	1.395533	0.484661	-0.91087	0.048146	0.488891	0.23716
SEPHS1P6__pseudc	26.1745	43.8032	3.23834	29.497	20.6853	10.7446	2.64654	8.18637	2.44358	0.26508	2.463286	2.198206	0.710781	0.189433	0.105578
SEPT7P9__pseudog	0.647223	7.01517	0.85076	1.92305	2.31106	0	3.31257	0.880347	1.37169	1.007635	0.613414	-0.39422	0.50068	0.746262	0.682654
SERBP1P5__pseudc	22.8378	12.9625	23.2379	10.9594	4.60169	6.96999	11.5425	20.1639	17.3298	1.389732	0.267802	-1.12193	0.033558	0.605575	0.181857
SERBP1P6__pseudc	75.1484	46.9346	72.234	18.1286	8.75421	35.9088	5.16828	100.307	61.1077	1.629768	0.222171	-1.4076	0.021989	0.819501	0.374735
SERPINA13P__pseu	0	0	0.52282	0	3.30681	17.1223	0	0	0	-5.28817	#DIV/0!	#DIV/0!	0.320977	0.42265	0.323645
SERPINB11__polym	0.145338	0	2.00999	0	8.56661	14.1028	0.442061	0.359224	0	-3.39477	1.42752	4.822288	0.200844	0.621111	0.226524
SETD5-AS1__antise	14.3199	18.6349	4.9078	7.40388	4.12762	131.998	14.4018	12.477	16.9112	-1.9225	-0.20983	1.712674	0.523765	0.746336	0.501869
SFTA1P__lincRNA	0.355895	0.51962	0.210565	0.351913	0.56775	3.73755	0.186753	1.26903	0.313727	-2.10034	-0.70422	1.396117	0.415478	0.490969	0.52349
SH3BP5-AS1__antis	4.77867	1.02111	2.35392	1.96615	3.22985	5.14253	0.614517	1.0842	1.10517	-0.3425	1.540027	1.882531	0.721842	0.289594	0.087584
SH3GL1P1__pseudc	0.071203	0.573163	0.238451	0.425985	0.641879	0.553315	0.05122	0.637189	1.38254	-0.87686	-1.23011	-0.35325	0.110597	0.401452	0.714641
SIGLEC16__pseudo	0.730781	0.089908	0.669971	0.126394	1.96971	6.62362	0.719246	0.915105	0.287856	-2.54833	-0.36681	2.181519	0.334608	0.726038	0.391565
SIX3-AS1__antisens	0.219532	0	0.159298	0	0.211036	5.10604	0	0.116464	0.129493	-3.81101	0.623144	4.434155	0.42473	0.693502	0.411784
SKINTL__pseudoger	0.061275	0	1.2525	0.081236	4.39515	250.796	0	0.650202	0	-7.60218	1.014758	8.616934	0.412526	0.728777	0.413907
SLC22A20__pseudo	0.068534	0	0.900488	2.94385	2.23363	222.802	1.21878	0	0.478444	-7.87816	-0.80858	7.069583	0.409437	0.656858	0.412417
SLC25A3P1__pseud	0	0	0.923985	0	363.264	2.43873	0.034928	0	0	-8.62859	4.725409	13.354	0.420247	0.444871	0.418842
SLC2A1-AS1__lincR	0	2.02995	0.751137	2.33524	3.43206	25.9589	1.81678	0.540823	1.19968	-3.51195	-0.35513	3.156827	0.340887	0.812614	0.347715
SLC38A3__processe	5.055	0.071302	0.423818	0.080383	0.543367	15.4003	0.492102	0.033058	0.026345	-1.52965	3.331071	4.860719	0.616982	0.369926	0.419475

SLC39A12-AS1__an	0	0	0	0	1.56944	1.79288	0.542081	0	0	#NUM!	#NUM!	2.632877	0.1853	0.42265	0.333674
SLC6A10P__pseudo	0.015115	0.187131	0.180433	0.114033	1.78101	0.406264	0.356169	0.057897	0.186785	-2.58825	-0.65087	1.937375	0.313184	0.654685	0.44022
SLC7A11-AS1__proc	1.86834	3.29571	10.2185	1.39872	3.94456	7.45041	1.51632	2.74937	3.31264	0.265862	1.021343	0.755481	0.48131	0.350415	0.301133
SLC8A1-AS1__antis	15.9568	1.57134	27.0361	51.3473	192.484	370.709	16.1324	8.16173	3.74131	-3.78555	0.668635	4.454184	0.166325	0.605824	0.178439
SLC9A7P1__pseudo	0.265021	0.062499	0.150422	0.199859	0.198713	0.500039	0.060698	0.164317	0.125186	-0.91086	0.44865	1.359512	0.362254	0.678893	0.211057
SLC9B1P3__pseudo	0	0	1.07786	1.84203	2.79874	7.69741	0.33188	0.022517	0.025384	-3.51689	1.504929	5.021817	0.123739	0.634863	0.167917
SLIT2-IT1__sense_ir	0.186475	0	0.061872	0.568442	0	0.058157	0	0.336171	0	-1.33519	-0.43684	0.898347	0.428292	0.869777	0.747077
SLX1A-SULT1A3__f	5.80114	3.4399	9.75204	4.55273	4.15639	5.85934	3.03053	0.61145	13.9378	0.382625	0.111557	-0.27107	0.384489	0.85838	0.805796
SMARCE1P5__pseu	56.7244	45.6603	44.9197	24.9317	40.6266	53.1556	8.64322	12.2229	65.8722	0.311312	0.764059	0.452747	0.503193	0.437818	0.474423
SMCR2__lincRNA	0	0	0.595678	0	1.28045	2.46087	0	0	0	-2.65094	#DIV/0!	#DIV/0!	0.197255	0.42265	0.22134
SMCR5__antisense	0	0	0.020715	0.013757	0.077501	2.40394	0.942993	0.011313	0.01127	-6.91234	-5.54265	1.369693	0.400869	0.421577	0.656054
SMG1P1__pseudoge	0	0	0	0	7.05288	7.9689	25.4546	22.3278	0	#NUM!	#NUM!	-1.66942	0.185017	0.185246	0.384639
SMG7-AS1__proces	0	0	0	0	0	9.8959	1.28727	0	0	#NUM!	#NUM!	2.942516	0.42265	0.42265	0.501948
SMIM2-AS1__antise	1.23325	44.2153	3.39666	33.7562	9.94174	33.432	60.1904	1.96604	12.1138	-0.65907	-0.60457	0.054507	0.708321	0.799065	0.952669
SMPD4P1__pseudog	0	0	0.591102	0	9.72514	76.8572	0.625079	0	0	-7.19452	-0.08063	7.11389	0.354257	0.977198	0.359419
SNAI3-AS1__antiser	1.72504	2.02104	3.59686	2.22228	3.09508	7.63169	0.629723	2.58652	2.94423	-0.81842	0.253317	1.071733	0.230246	0.510534	0.212446
SNAP25-AS1__antis	4.16838	5.8472	6.16719	3.49221	110.778	514.989	2.24034	5.31854	8.69206	-5.28112	-0.00606	5.275059	0.318691	0.987779	0.315653
SNHG10__antisense	286.241	235.933	126.086	190.493	47.8648	26.8707	100.601	224.476	148.206	1.289337	0.453869	-0.83547	0.05169	0.460647	0.483057
SNHG11__processe	0	0	0	0	1.53468	2.93245	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.220759	#DIV/0!	0.220759
SNHG12__antisense	0	5.42734	8.16923	7.53591	2.98241	40.2585	7.86334	7.95964	11.8567	-1.90093	-1.02558	0.875343	0.350554	0.101228	0.53756
SNHG14__processe	53.0219	75.2274	32.8295	19.7042	16.1124	517.947	29.7475	21.0963	15.8521	-1.7815	1.272097	3.0536	0.537162	0.111346	0.440069
SNHG16__processe	31.4276	22.1528	23.9705	16.1053	8.45396	8.0606	12.7876	22.3869	35.0252	1.249393	0.143679	-1.10571	0.001943	0.804169	0.289385
SNHG18__lincRNA	1.7082	8.20015	12.4685	0	3.67023	5.8	5.3417	4.05814	2.09093	1.240536	0.961531	-0.279	0.095737	0.46508	0.820935
SNHG1__processed	7.78828	81.2736	196.43	7.39483	58.8194	71.2122	163.994	102.386	177.785	1.05479	-0.63765	-1.69244	0.328026	0.422838	0.088867
SNHG3__sense_intr	0	0	0	0	1.11953	52.1068	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.410381	#DIV/0!	0.410381
SNHG8__lincRNA	74.9853	109.001	0	31.9146	8.56402	9.68564	705.517	405.413	1468.83	1.874867	-3.80957	-5.68443	0.295766	0.149165	0.117756
SNRK-AS1__antisen	0	0.434741	0	0.243486	0	0	0.240044	0.100383	0.13325	0.836317	-0.12375	-0.96006	0.778396	0.94804	0.203546
SNX29P2__lincRNA	1.25036	8.79568	3.20836	93.9846	34.0336	102.957	10.0766	35.8847	10.4517	-4.12319	-2.08956	2.033638	0.092508	0.152375	0.193117
SOCS2-AS1__proce	2.20812	0.924393	1.38645	1.26704	2.47824	15.2292	0.811103	3.04739	2.80022	-2.07	-0.55925	1.510745	0.402218	0.575203	0.428891
SORCS3-AS1__anti	0.020292	0	0.162415	0.098046	0.129833	0.117568	0.120743	0.026927	0.160872	-0.91893	-0.75594	0.162998	0.404727	0.301496	0.812982
SOX2-OT__sense_o	0.094296	7.96388	4.22927	3.83366	102.806	694.982	4.71758	6.15688	5.06954	-6.02766	-0.37583	5.651836	0.346394	0.58067	0.348868
SOX21-AS1__lincRN	0.040117	0.013893	0.180621	0.093987	0.192529	1.95263	0.192982	0.032268	0.043618	-3.25448	-0.1965	3.057981	0.350486	0.90409	0.407001
SPAG5-AS1__proce	0	0	1.13168	14.7955	48.803	6.68169	0.649725	0.610525	4.30656	-5.95658	-2.29838	3.658195	0.221739	0.223509	0.256942
SPATA41__lincRNA	0.037084	0.059031	0.784393	0.208895	0	8.03212	0.925427	0.040572	0.239548	-3.22641	-0.45328	2.773134	0.41385	0.819951	0.48094
SPATA42__antisens	0	0	0	0	0	1.80705	0	0	0.462541	#NUM!	#NUM!	1.965983	0.42265	0.42265	0.42265

SPATA8-AS1__antis	0	0	12.5093	0	26.6033	8.68026	0.154588	0.068958	0	-1.496	5.806288	7.302283	0.51079	0.433019	0.274964
SPON1__processed	1.07651	0.307892	6.20004	3.02115	100.521	85.4834	1.23647	14.3871	14.4541	-4.63939	-1.98758	2.651817	0.180307	0.204315	0.178124
SPPL2B__processer	25.4194	10.163	12.4103	37.5141	7.67342	35.1493	9.01562	22.4499	20.2461	-0.74325	-0.10767	0.635573	0.278318	0.902146	0.53304
SPTY2D1-AS1__pro	1.58307	0	0.916568	3.3967	1.13705	19.0677	1.21074	2.49915	0.437839	-3.23908	-0.7306	2.508482	0.333414	0.629999	0.402798
SRD5A2__processer	3.79783	0.05724	0.903113	8.30759	6.92308	23.0318	0.835102	0	0.013218	-3.00745	2.48773	5.495177	0.180496	0.270411	0.141856
SRD5A3-AS1__proc	2.93044	1.05933	10.4832	7.02008	3.68794	25.1359	5.91495	13.4717	21.8838	-1.30837	-1.51175	-0.20338	0.200777	0.096063	0.697853
SRGAP2B__pseudoi	9.00083	133.983	13.9664	22.3854	170.886	373.023	3.77738	4.10725	122.365	-1.85125	0.269028	2.120273	0.345688	0.908918	0.165413
SRGAP3-AS2__antis	0	0	0	0	0.910311	5.38454	0	0.029158	0	#NUM!	#NUM!	7.754137	0.334486	0.42265	0.336988
SRP14-AS1__lincRN	80.1815	107.439	83.4458	25.6761	19.4334	15.9503	24.1132	92.1968	26.0089	2.150351	0.929518	-1.22083	0.018858	0.090185	0.361458
SRP9P1__pseudoge	108.354	64.7071	63.1954	59.073	84.8743	12.8051	30.9321	94.3842	68.6993	0.591866	0.284181	-0.30769	0.373878	0.706515	0.660112
SRRM2-AS1__antise	0	0	0	0	1.43398	5.35384	0	39.4732	1.10026	#NUM!	#NUM!	-2.57952	0.292934	0.406787	0.490386
SRSF8__pseudogen	4.84637	2.29514	3.1923	2.8498	1.20082	0.957075	2.7757	4.27601	4.08226	1.045154	-0.1076	-1.15275	0.036227	0.846039	0.193403
SSR4P1__pseudoge	0.066169	0.046816	0.167334	0.228619	0.042453	0.253416	0.846552	0.24995	0.115289	-0.90384	-2.112	-1.20816	0.233437	0.334478	0.404464
SSTR5-AS1__proce	0.022223	1.17249	0.643606	0.239745	9.45354	2.38199	0.127727	0.20659	1.6186	-2.7156	-0.08724	2.628354	0.30174	0.951933	0.370181
ST13P19__pseudog	875.709	341.026	380.307	31.7277	32.5208	65.9612	137.227	433.955	334.77	3.616493	0.817896	-2.7986	0.110419	0.464929	0.094301
ST13P5__pseudoge	5.88137	3.08628	1.5421	1.20237	31.4272	2.55754	1.31499	2.98474	2.79175	-1.74332	0.56757	2.310888	0.504306	0.583235	0.429714
ST3GAL6-AS1__ant	0.038085	0	0	0.251	1.70234	131.998	0	0	0	-11.7802	#DIV/0!	#DIV/0!	0.414322	0.42265	0.414156
ST8SIA6-AS1__antis	9.43156	0.019577	0.19938	5.84413	4.63439	17.4485	1.13334	0	0.144509	-1.53298	2.916889	4.449872	0.420624	0.417484	0.169357
STARD13-AS__proc	7.56998	899.408	5.91497	10.5674	4.51173	2.85368	8.21711	26.357	15.8147	5.669772	4.17927	-1.4905	0.422615	0.429661	0.265427
STK4-AS1__lincRNA	0.100076	0	0.268184	0.09689	0.984853	0	0.214531	0.063777	0.127054	-1.55456	-0.13848	1.416077	0.596432	0.888767	0.583328
STT3A-AS1__antise	17.0744	5.21053	10.6438	9.74231	33.3774	2.74685	5.95643	11.6581	14.0548	-0.4781	0.056261	0.534356	0.752314	0.945318	0.669186
STX18-AS1__antise	10.6016	7.1496	6.3571	33.6063	17.5071	95.9374	7.67308	19.0211	10.6953	-2.60871	-0.6331	1.97561	0.237299	0.408987	0.289516
SUCLG2P2__pseud	28.0721	27.3096	19.8739	7.20828	7.81267	15.9099	16.1041	26.5118	24.3588	1.282752	0.168183	-1.11457	0.112337	0.62665	0.069516
SULT1C2P1__pseuc	0	0.076134	1.45485	1.53029	2.18816	899.74	0.189812	9.90583	0.140515	-9.20485	-2.74114	6.463712	0.420311	0.493302	0.426764
SUZ12P__pseudoge	15.7401	21.3218	11.435	99.2138	13.9107	1161.52	21.8819	26.3423	11.4374	-4.71606	-0.29891	4.417148	0.386093	0.187418	0.391479
SVILP1__pseudoger	0	9.89866	0.243452	0	13.0994	115.125	3.78057	4.36318	6.55256	-3.66024	-0.5351	3.125145	0.406794	0.714366	0.398604
SYN2__processed_t	0.075007	0.132688	9.0812	0.417048	8.18715	79.538	0.784159	0.800219	0.428284	-3.24625	2.206402	5.452656	0.358034	0.517553	0.374148
SYNJ2BP-COX16__	10.0663	4.573	6.74916	13.4873	51.1467	762.947	3.16695	8.32687	5.38016	-5.274	0.342032	5.616028	0.38565	0.673087	0.383193
SYNPR-AS1__antise	3.85135	20.1563	1.49027	17.8486	6.7813	148.732	1.22969	1.73716	3.21898	-2.76534	2.04334	4.808676	0.425158	0.403271	0.341372
TAPT1-AS1__antise	3.81739	6.11888	3.51114	27.7404	9.73689	207.45	2.03828	8.44703	9.25958	-4.18695	-0.55415	3.632802	0.349245	0.436489	0.34948
TAS2R18__pseudog	36.6594	16.6803	3.10695	13.5402	5.4581	27.2194	4.09556	2.29781	9.30441	0.288442	1.846327	1.557885	0.832414	0.348914	0.140337
TBC1D27__pseudog	0.121804	0.070144	0.262413	0.071322	0.478952	3.59481	0.249759	0.110719	0.064892	-3.18949	0.09512	3.28461	0.365398	0.929913	0.395654
TBC1D3P1-DHX40P	12.7244	16.5157	8.36047	14.592	9.44133	65.4522	1859.19	12.8307	1732.1	-1.2509	-6.58275	-5.33185	0.479561	0.184829	0.183764
TBC1D3P2__pseudc	0	0.159824	0.460154	0	0.79781	3.09518	1.21291	0.026231	0.611492	-2.65059	-1.57773	1.07286	0.303002	0.422151	0.589102
TBC1D3P5__pseudc	0	0	0	0.025292	2.37467	23.8522	0.083952	0.010398	0.113948	#NUM!	#NUM!	6.977647	0.367684	0.152593	0.369694

TBX5-AS1__antisen:	0.008034	0.018945	0.072425	0.032082	0.146332	7.26681	0.092323	0.035165	0.017517	-6.22688	-0.54474	5.682142	0.410593	0.741613	0.418682
TCAM1P__pseudoge	0.004438	0.026165	0.115576	0.067921	1.78119	25.4267	1.39935	0.007284	0.084661	-7.54374	-3.35075	4.192985	0.382654	0.443448	0.414806
TCL6__processed_tr	0.366945	0	2.07545	0.046996	7.12952	12.4692	0.308693	0.028979	0	-3.00785	2.854603	5.862449	0.212221	0.414794	0.223255
TEKT4P2__pseudog	11.0516	0.977766	0.543234	8.23038	2.93014	1.04997	10.4987	7.58745	0.184132	0.042162	-0.53922	-0.58138	0.939718	0.50477	0.333873
TEN1-CDK3__proce	1.33495	9.7018	1.70904	3.80873	21.2284	92.9292	1.02204	1.65178	2.52319	-3.21028	1.294267	4.504549	0.339531	0.461749	0.296465
TERC__lincRNA	84.6442	188.532	33.4687	38.0275	46.7637	14.4224	56.8221	69.9574	230.304	1.627959	-0.21969	-1.84765	0.203966	0.874192	0.316858
TERF1P5__pseudog	7.84191	1.92037	3.16175	8.59974	3.12676	20.9665	2.85818	6.47519	20.5601	-1.33893	-1.20977	0.129151	0.360999	0.475025	0.757275
TEX21P__pseudoge	0.18612	0	0.944682	0	5.81925	4.94093	0.121214	0.135175	0.201858	-3.25028	1.303149	4.553433	0.212727	0.487601	0.196403
TEX26-AS1__antisei	0.721083	0.190585	1.76867	1.81804	29.883	40.2585	2.85372	0.448868	3.29824	-4.7467	-1.30023	3.446467	0.177397	0.141681	0.201546
TEX41__lincRNA	4.56245	1.83961	3.53151	18.9641	41.2948	104.392	0.263548	0.291792	0.1844	-4.05095	3.747222	7.798176	0.182418	0.062821	0.166475
TFP1__pseudogene	292.601	11.4384	10.0423	5.36395	41.4548	67.6526	8.86152	14.2463	12.4866	1.456153	3.141417	1.685264	0.608664	0.433386	0.260844
THAP9-AS1__antise	29.5577	60.6069	15.156	20.6931	3.74005	15.4003	25.7552	2.19803	107.694	1.402735	-0.36507	-1.76781	0.34307	0.840094	0.401612
THRB-AS1__proces	0.150694	0	0	0	0.438973	0	0.147004	0	0.639909	-1.54251	-2.38458	-0.84207	0.641389	0.425989	0.745654
TINCR__lincRNA	0.015746	0	1.22165	0	0.519467	11.4475	1.1597	0.086155	0.055585	-3.27368	-0.0728	3.200877	0.394991	0.977395	0.462627
TLK2P1__pseudoge	10.5856	12.4707	7.23524	5.56299	23.3591	28.0931	7.12732	9.4841	9.70793	-0.91243	0.202791	1.115222	0.358705	0.558594	0.232348
TM4SF1-AS1__antis	36.0347	62.9837	1.11615	8.62096	14.5637	6.94913	30.6945	16.9331	37.4404	1.732486	0.235251	-1.49723	0.277617	0.852302	0.159099
TMCC1-AS1__antise	0.953179	1.31391	0.724745	0.146153	5.2909	32.271	1.12142	0.879658	1.98303	-3.65577	-0.41323	3.242544	0.369827	0.573012	0.364187
TMCO5B__pseudog	0	0	0.229387	0.058025	18.9253	66.378	0.827423	0	0	-8.53966	-1.85084	6.688814	0.285625	0.597876	0.292953
TMED11P__pseudog	1.36769	0.048878	0.514011	7.37629	6.44325	8.40761	1.4829	3.58372	5.58852	-3.52522	-2.46444	1.060773	0.007144	0.185641	0.063137
TMEM161B-AS1__a	19.4743	50.5713	16.5999	19.909	14.5242	73.0158	4.03531	28.1492	7.11704	-0.31046	1.140539	1.450994	0.8206	0.051814	0.430933
TMEM191A__proces	1.39607	0.867501	1.49395	1.19998	1.59559	2.6508	0.749336	0.786981	0.829689	-0.53551	0.667327	1.202841	0.293894	0.136682	0.129442
TMEM191C__lincRN	0.494839	0.433622	0.228065	0.145433	1.35439	0.386796	0.391187	0.68921	0.04412	-0.70601	0.040492	0.746497	0.577443	0.944256	0.441329
TMEM198B__pseud	0.916612	0	1.43879	2.3628	5.53806	3.20593	0	52.2227	0.978335	-2.2374	-4.49741	-2.26001	0.156541	0.437982	0.480674
TMEM212-AS1__linc	0	0	0	0	5.19606	16.6174	1.42392	0	0	#NUM!	#NUM!	3.937279	0.276657	0.42265	0.326124
TMEM254-AS1__anl	4.22087	2.16571	2.27515	2.41108	210.479	7.73613	2.05443	4.04837	4.5466	-4.67081	-0.29805	4.37276	0.412754	0.686474	0.412803
TMEM44-AS1__antis	0.684793	1.51361	0.769132	8.08128	4.476	19.6984	0.846245	0.87141	1.60158	-3.44222	-0.16159	3.280631	0.176663	0.809106	0.157092
TMEM72-AS1__antis	10.0719	2.39495	28.0729	3.76378	108.917	32.5139	4.28951	7.31607	1.821	-1.84058	1.594245	3.434825	0.434251	0.427187	0.283226
TMPO-AS1__antiser	0	0	0	0	0	22.5728	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
TMPRSS4-AS1__an	5.1518	19.4526	13.6345	8.00415	6.15384	47.5782	21.9182	16.3617	25.4117	-0.69108	-0.73606	-0.04499	0.629008	0.290817	0.959812
TNK2-AS1__antisen:	0	0	0	0	0	2.83563	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
TNKS2-AS1__antise	0.240084	0	1.2933	0	0	0	0.489497	0	0.388015	#DIV/0!	0.805228	#NUM!	0.326971	0.596739	0.188909
TNR-IT1__sense_int	0	0	0.533659	0.144113	1.52698	22.9847	6.06058	0	0.084372	-5.52986	-3.52541	2.004453	0.381118	0.466913	0.54909
TOB1-AS1__process	25.0822	18.1335	1.43001	7.51975	10.0492	19.0637	6.84604	26.9125	42.5231	0.285391	-0.77281	-1.05821	0.823203	0.601261	0.207892
TP73-AS1__antisens	0.35407	0	0.313828	0.256465	0	0.555225	0.298453	0	0	-0.2813	1.162124	1.443425	0.681168	0.330759	0.46783
TPM3P6__pseudoge	3.02855	9.6378	8.63616	6.09365	4.07784	3.75828	5.87662	3.38261	10.0336	0.612852	0.142959	-0.46989	0.468341	0.834568	0.509871

TPSB2__polymorphi	0.725044	0.177221	0.177538	0.722707	0.82547	3.72639	0.186958	2.43717	1.0774	-2.28828	-1.77735	0.510932	0.328677	0.392428	0.711382
TPT1-AS1__antisens	1215.52	1824.55	495.833	462.551	390.659	184.59	1384.97	913.092	659.236	1.76855	0.257799	-1.51075	0.125469	0.645135	0.045869
TPTE2P1__pseudog	0.562325	0.15597	0.220947	2.70385	4.51897	3.90196	0.75643	0.031446	1.21375	-3.56614	-1.0916	2.474532	0.035468	0.398208	0.056356
TPTE2P3__pseudog	0.049029	0	0.809549	0	2.63787	4.10617	1.15068	0.01856	0.043142	-2.97359	-0.49782	2.475768	0.195246	0.847804	0.357301
TPTE2P5__pseudog	5.67611	80.8936	5.25702	139.952	15.7036	115.807	94.565	13.9069	142.792	-1.56377	-1.45222	0.11155	0.441637	0.479732	0.779275
TPTE2P6__pseudog	26.1368	119.028	20.8086	20.8827	91.5996	78.1968	35.7934	30.0756	51.1212	-0.20019	0.504564	0.704759	0.776508	0.700642	0.382092
TPTEP1__lincRNA	0.483768	0.329824	1.10178	0.393251	4.59712	48.3233	1.32306	0.398545	0.376238	-4.79881	-0.13128	4.667527	0.374134	0.905223	0.385755
TRAV20__TR_V_gei	0	0	0	0	0	4.80079	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
TRAV39__TR_V_gei	0.589885	0	0	0	0.299796	2.06227	0.562283	0	0	-2.00154	0.069137	2.070681	0.527585	0.42265	0.518592
TRDV1__TR_V_gen	1.02047	0	1.74083	0	0	0	0.326533	2.59883	0.362139	#DIV/0!	-0.25164	#NUM!	0.209945	0.89949	0.282182
TRHDE-AS1__proce	0	0	0.124954	0	0	1.69953	0.136771	0	0	-3.76567	-0.13037	3.635302	0.42265	0.963172	0.470823
TRIM43B__pseudog	0	0	0.061114	0	0.210192	1.60846	0.529434	0.036683	0.063106	-4.89523	-3.364	1.531226	0.35019	0.381961	0.581963
TRIM49D2P__pseud	0.010497	0.012379	0.112013	0.166959	0.320048	0.140207	0.231394	0	0.125512	-2.21719	-1.40377	0.813414	0.179237	0.421708	0.522454
TRIM51BP__pseud	0.047293	0	0.129349	0.075275	0.492821	0	0.191457	0.08558	0.037718	-1.68531	-0.8334	0.851909	0.557094	0.582645	0.655977
TRIM51GP__pseud	0	0	0	0	0.29376	0.04381	0.134926	0	0	#NUM!	#NUM!	1.32302	0.343803	0.42265	0.641356
TRIM51HP__pseud	0	0.055729	0.157108	0	0.149542	10.3773	0.031703	0	0	-5.62818	2.747069	8.375251	0.417375	0.383702	0.416157
TRIM53BP__pseud	0	0	0.039692	0.16877	0	0.21055	0.086349	0.009627	0.111863	-3.25649	-2.38854	0.867949	0.183519	0.1405	0.232153
TRIM64__pseudoge	0.046904	0	0.056985	0	0.036921	0	0.093496	0	0	1.49253	0.152061	-1.34047	0.531489	0.918485	0.675059
TRPC2__pseudogen	0.080151	0.145597	0.404279	0.377695	2.30023	6.51464	0.684882	0.022461	2.98264	-3.86698	-2.55013	1.316853	0.237801	0.333633	0.2461
TSGA10IP__polymo	0	0.083258	0.512234	0.046841	1.69495	20.7001	0.70299	0	0.038401	-5.23597	-0.31615	4.919815	0.377201	0.901115	0.395955
TSPAN10__polymorj	0.06375	0.022355	0.037935	0.150855	0.11917	12.4084	0.197786	0.062097	0.103075	-6.67543	-1.549	5.126429	0.414098	0.105652	0.422184
TSSC2__pseudogen	0	0	1.57976	6.54667	0.390467	116.861	0	0.143485	0	-6.29214	3.460734	9.752874	0.388895	0.477241	0.390044
TTC25__processed_	0.115145	0.271569	1.82493	0.057359	4.79589	14.7858	0.747883	3.48355	0.219374	-3.15053	-1.00895	2.141586	0.267064	0.645447	0.401099
TTC28-AS1__proces	8.56831	10.1389	8.94001	8.90271	9.11219	238.001	16.4439	7.18412	4.79821	-3.21103	-0.04009	3.170939	0.424401	0.952031	0.43686
TTC3-AS1__antisens	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
TTLL7-IT1__sense_i	0.030166	0.035571	1.08932	0.026753	0.124697	1.08004	0.019735	0.065997	0.087665	-0.09244	2.735818	2.828258	0.507895	0.434466	0.385505
TTN-AS1__antisense	1.8857	3.30837	5.26755	0.224998	17.7302	224.397	4.18512	19.0843	0.639909	-4.53393	-1.19247	3.34146	0.390364	0.532306	0.43646
TUBA3FP__pseudog	0	1.83547	4.15265	1.99579	3.59492	1.66453	0	4.79005	3.212	-0.27692	-0.41827	-0.14135	0.79917	0.625007	0.845677
TUBA4B__pseudoge	13.2488	5.25175	17.2857	5.39239	159.4	8.76686	6.76205	15.193	11.2811	-2.27795	0.106652	2.384603	0.485434	0.889323	0.43831
TUBB7P__pseudoge	0.048097	0.074133	0.158341	0.262715	0.025608	30.5084	0.276966	0.170522	0.161093	-6.77827	-1.11709	5.661184	0.419505	0.237471	0.425684
TUSC7__antisense	0	0.016817	0.099936	0.023073	0.111368	5.46353	0.068137	0.037982	0	-5.58338	0.137775	5.721153	0.410086	0.950001	0.419729
TYRO3P__pseudoge	0.155088	0.365929	0.619563	0.306568	0.123158	13.683	0.378135	0.295225	0.58767	-3.62916	-0.14483	3.484322	0.426822	0.705517	0.433448
U73169.1__pseudog	0	0.271454	0	0	0.226723	0	0.215105	0	0.715116	0.259777	-1.77687	-2.03664	0.42265	0.521329	0.47956
U91319.1__lincRNA	0.483108	0.667128	15.4004	0	31.1756	337.008	1.63666	0	0.53542	-4.47547	2.929738	7.405204	0.37157	0.443773	0.37465
UBA6-AS1__antisen	14.8393	10.9281	13.2193	46.1505	24.3852	85.4834	7.50239	13.0862	16.5853	-2.00067	0.068692	2.069361	0.154306	0.874741	0.140176

UBAC2-AS1__lincRN	0	0	0.769804	0	0	2.10271	0.816469	0	0	-1.44969	-0.08491	1.36478	0.42265	0.975991	0.670779
UBE2Q2P1__pseud	7.92034	1.31793	2.11531	55.2973	15.3279	46.083	1.45533	0	6.61471	-3.36169	0.4925	3.854186	0.080286	0.762619	0.084288
UBE2V1P2__pseud	37.1504	27.1859	24.5668	14.3987	4.71632	2.29598	14.5988	23.9752	24.4299	2.053882	0.496793	-1.55709	3.85E-05	0.343578	0.181547
UBL7-AS1__antisen	4.62273	2.34443	2.9385	1.12371	1.91257	8.92546	1.10275	3.56509	25.0218	-0.2721	-1.58363	-1.31153	0.829146	0.489971	0.367454
UBOX5-AS1__antise	2.0736	1.72484	0.918648	9.51653	7.06405	22.6831	1.50465	0	0.876414	-3.05723	0.98629	4.043517	0.155334	0.257626	0.123052
UBQLN4P1__pseud	6.92249	9.48232	3.1168	27.5614	7.12402	4.66287	2.69269	12.3236	11.6364	-1.01123	-0.44921	0.56202	0.450476	0.585264	0.721788
UBTFL1__pseudoge	0.026897	0	0	0.053375	0.08583	0	0.09643	0	0.058398	-2.37169	-2.52514	-0.15345	0.27811	0.186579	0.919742
UCA1__processed_t	0	0.151809	1.67274	11.239	1.16702	62.5282	7.00639	7.94781	13.4383	-5.36001	-3.9599	1.400115	0.318017	0.026552	0.459735
UCHL1-AS1__antise	2.2221	0.268825	2.48644	0.753383	45.4449	35.2399	0.760129	0.682434	0.772883	-4.03225	1.167785	5.200036	0.209154	0.303711	0.19038
UGDH-AS1__antiser	10.5574	9.18401	21.152	60.3243	7.22611	48.7099	16.8884	10.7495	10.1867	-1.50742	0.112544	1.619962	0.235555	0.861126	0.221437
UHRF1__processed	3.08168	0.368183	5.246	11.2468	5.70965	25.1931	0.901534	2.85197	2.13617	-2.27712	0.562141	2.839258	0.130196	0.642979	0.176855
ULK4P3__pseudoge	0.153554	0.052141	0.606325	0.119999	0.667935	12.4015	0.372992	0.094924	0.103409	-4.02172	0.507203	4.528927	0.394977	0.747506	0.408393
UOX__pseudogene	0.225923	0.929119	0.853094	0.331469	3.47869	3.73755	0.214823	0.174191	0	-1.91018	2.367963	4.278145	0.169533	0.179434	0.17177
UPK1A-AS1__antise	0	0	1.0255	0	0	55.5718	0	0	0.417422	-5.75995	1.296749	7.056703	0.42265	0.42265	0.42265
URAHF__pseudoger	0	0.076675	0.783356	1.38281	0.172476	0.431865	0.190436	0.247771	0	-1.20824	0.972777	2.181017	0.544934	0.704487	0.296065
USP12-AS2__antise	0	0.089034	1.417	0	3.13369	6.44881	1.40626	0	0	-2.66965	0.098891	2.768539	0.207149	0.971174	0.353923
USP17L9P__pseud	0.438797	0.028181	0.787343	0.358342	1.16403	0.629741	0.421548	0.153496	0.260071	-0.77885	0.586859	1.365707	0.549093	0.553645	0.294571
USP2-AS1__antisen	22.4638	7.30742	3.05278	8.30319	10.9572	572.914	1.43442	9.91949	13.4924	-4.1732	0.401719	4.574919	0.433485	0.805023	0.414535
USP3-AS1__antisen	0.647527	114.599	0.552779	15.1843	1032.98	1274.13	114.668	5.49917	22.4267	-4.32585	-0.30029	4.025567	0.188706	0.902899	0.224356
USP32P1__pseudog	0.16785	0.065583	0.148636	0.178878	3.19392	2.61593	0.192787	0.079765	0.046602	-3.97034	0.259579	4.229922	0.187547	0.657289	0.189223
USP32P2__pseudog	0.150265	0.061633	0.16789	0.162072	0.217749	6.88032	0.708271	0.126183	0.126203	-4.25673	-1.33883	2.917904	0.408367	0.404613	0.463314
USP32P3__pseudog	0.386276	0.388069	0.429431	0.158346	1.04627	6.30648	0.259103	0.503271	0.489517	-2.64146	-0.05654	2.584914	0.384687	0.847207	0.381537
VAC14-AS1__antise	0.102645	0.181602	0.256612	0.271698	5.19665	8.68433	0.094115	0.251865	0.306518	-4.70968	-0.27072	4.438957	0.198774	0.255751	0.198927
VENTXP7__pseudog	0	0	0	0	0.691149	3.26942	0	0	0.148674	#NUM!	#NUM!	4.735483	0.315722	0.42265	0.311468
VIM-AS1__antisense	209.344	91.5161	57.494	39.0243	61.3546	46.562	12.4519	77.3665	68.4955	1.28615	1.178598	-0.10755	0.295736	0.415834	0.827178
VN1R5__pseudogen	0.060039	0	0.150034	0	0.4465	4.67566	0.146663	0	0	-4.60779	0.518389	5.126175	0.37643	0.788681	0.388706
VPS9D1-AS1__antis	0	0	0	13.1904	4.88822	1.54517	0.821311	0	2.45018	#NUM!	#NUM!	2.584583	0.1994	0.26909	0.291786
WASH2P__pseudog	2.28524	12.8347	5.12237	5.46586	6.12484	3.78573	3.11682	8.02011	6.50512	0.396653	0.198356	-0.1983	0.627652	0.704347	0.678029
WASH3P__pseudog	5.96976	6.26119	12.1143	7.60561	14.373	4.84739	10.9914	10.6148	21.8422	-0.13999	-0.83566	-0.69567	0.869948	0.063851	0.458767
WASH5P__pseudog	4.50844	9.138	8.64723	7.74982	3.87402	2.95171	2.72418	5.4217	14.3141	0.613084	-0.01072	-0.62381	0.469873	0.986298	0.636422
WASH7P__pseudog	4.65676	6.2324	8.18734	0	2.95534	6.4683	2.08797	6.26119	6.69128	1.01744	0.34295	-0.67449	0.063045	0.21616	0.171974
WASIR2__antisense	0.020498	0	0.389266	0.135417	1.83136	7.2075	0.220281	0.078162	0.355721	-4.48473	-0.67486	3.809871	0.283343	0.350156	0.304529
WBP11P1__pseudog	0.088899	0.174708	0.217638	0.157689	8.58577	2.31946	0.184174	0.140469	0.107647	-4.52282	0.154771	4.677589	0.295345	0.810933	0.296967
WDFY3-AS2__proce	0	1.85241	0.589406	0	3.32581	4.42436	0	1.5596	0	-1.66627	0.646778	2.313052	0.253995	0.22607	0.249743
WDR11-AS1__antise	9.35096	7.58687	5.93995	4.17392	44.1862	28.0931	4.49605	9.71065	14.8625	-1.74063	-0.34554	1.395086	0.282222	0.655541	0.259186

WDR7-UT1__sense_	0	0	0.304976	0.160143	0.706766	0.860258	0.118813	1.0442	0.131854	-2.50164	-2.08604	0.415604	0.100618	0.463418	0.689501
WDR82P1__pseudo	106.522	60.469	61.0372	31.6796	2.93594	15.0513	8.36583	86.1177	70.2988	2.198857	0.468651	-1.73021	0.019318	0.641566	0.351861
WHAMMP3__pseudo	1.68634	0.708764	0.569664	2.36846	6.66986	3.32181	0.369743	0.593731	0.581822	-2.0597	0.940036	2.999739	0.178253	0.379926	0.102697
WI2-3658N16.1__ps	20.5458	3.16945	2.45256	15.3032	1.76272	1.93964	4.27167	14.7121	16.5368	0.461372	-0.44086	-0.90223	0.241572	0.778898	0.574629
WI2-85898F10.1__lir	0	0.049825	0.379472	0.277953	2.15353	8.70681	0.041157	0	0.137057	-4.69741	1.268367	5.965775	0.280517	0.422185	0.284134
WT1-AS__antisense	0.085003	0.045871	0.673264	0	0.755529	21.9843	0.80232	0.047757	0	-4.82163	-0.08015	4.741483	0.406061	0.97304	0.425812
WTAPP1__pseudog	2.27352	4.03197	9.63924	21.2065	8.20314	24.3389	4.80002	23.9856	68.1102	-1.75315	-2.60335	-0.85021	0.102907	0.244146	0.495088
WWC2-AS1__antise	0	0	0	0	2.76048	0	0	0	0	#NUM!	#DIV/0!	#DIV/0!	0.42265	#DIV/0!	0.42265
WWC2-AS2__lincRN	0	0.032361	0	0.036462	0	1.81988	0	0.149988	0.089643	-5.84205	-2.88848	2.953577	0.421556	0.190845	0.462665
WWP1P1__pseudog	26.4735	56.4589	15.1414	16.1484	4.65698	5.58632	20.0292	29.2643	25.154	1.893783	0.397644	-1.49614	0.229004	0.54052	0.124146
WWTR1-AS1__antis	0.069285	0.122562	0.190687	3.70665	3.57752	1.86602	0.288507	0.094603	0.325876	-4.58014	-0.89017	3.689973	0.042924	0.27248	0.047631
XPOTP1__pseudoge	18.167	37.7715	54.868	15.7594	76.5948	259.972	14.007	26.3849	11.8575	-1.66887	1.084556	2.753425	0.332049	0.243438	0.315625
XXbac-B135H6.15__	1.34968	1.70955	1.09553	3.0207	1.83251	5.62113	0.935038	1.29919	0	-1.33402	0.894989	2.229011	0.243939	0.106635	0.209632
XXbac-B33L19.3__a	0.001512	0.08104	0.971782	0.02828	0.642154	38.4431	0.649216	0.043506	0.333567	-5.21326	0.038895	5.252159	0.413658	0.982209	0.423135
XXbac-B444P24.10_	0.017075	0.023009	0.18739	0.094265	0.100751	2.22092	0.161359	0.016026	0.023953	-3.40881	0.17608	3.584889	0.379562	0.930822	0.418719
XXbac-B444P24.8__	0.593674	0.0316	0.616371	0	0.535967	3.31773	0.459862	0.029294	0.029181	-1.63399	1.260291	2.894281	0.463595	0.306595	0.42671
XXyac-YX155B6.2__	0.050658	0.033177	0.336903	0.405652	1.11009	0.087434	0.379966	0	0	-1.92994	0.14705	2.076991	0.412005	0.950158	0.365949
XXyac-YX155B6.6__	0.271663	0.083395	0.123086	0.167158	0.201329	0.173161	0.094702	0.034371	0.061143	-0.17991	1.329806	1.509716	0.77825	0.1422	0.050595
XXyac-YX60D10.1__	0	0	0	0	20.5323	2.22552	0.208281	0	0	#NUM!	#NUM!	6.771687	0.363796	0.42265	0.369651
YBX1P1__pseudoge	55.4473	33.5978	40.2474	33.3409	8.57322	11.0852	22.0559	65.9668	60.843	1.286593	-0.20337	-1.48997	0.006416	0.777817	0.279254
Z83844.1__antisense	2.46857	2.04527	3.10399	2.83198	2.06926	7.60443	1.39793	3.13904	2.22648	-0.71513	0.171621	0.886751	0.374994	0.720407	0.415063
Z83851.1__lincRNA	0.935007	0.472689	0.630144	0.912499	0.095679	39.0984	0.600909	0.524648	0.521049	-4.29873	0.307545	4.606272	0.428673	0.36422	0.424461
Z97634.3__pseudog	2.87833	5.1415	4.20141	2.03225	8.30495	2.7495	1.0187	6.79568	3.89676	-0.09871	0.061509	0.16022	0.860507	0.882548	0.630569
Z98256.1__pseudog	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Z99756.1__antisense	0	0	5.59234	0.102938	4.65698	1.62005	1.29453	0.067765	0.118121	-0.1901	1.917449	2.107546	0.925719	0.577998	0.431244
ZBED3-AS1__antise	3.04952	0.655836	6.66398	1.45273	46.8079	60.2235	3.07321	0.980112	0.962138	-3.38709	1.04787	4.434958	0.198991	0.458763	0.202769
ZBED5-AS1__antise	13.8802	10.2322	9.34296	8.22291	10.0554	6.47267	7.62234	11.2012	10.5804	0.434752	0.186228	-0.24852	0.208117	0.637475	0.376219
ZBTB20-AS1__antis	13.1576	22.627	22.4435	25.6584	47.8129	70.3771	4.97374	48.2526	0	-1.30476	0.129575	1.434337	0.110469	0.917572	0.286749
ZC3H11B__pseudog	0.917378	0.678664	0.750443	0.468525	0.257058	0.182129	0.379572	0.644254	0.681901	1.370195	0.460114	-0.91008	0.00871	0.319017	0.278344
ZDHHC20P4__pseu	7.24227	57.7998	5.96666	3.41702	4.79395	16.9304	6.98388	10.3222	5.20102	1.497933	1.657616	0.159683	0.511977	0.410282	0.88691
ZDHHC8P1__pseud	0.108327	0.048163	0.255567	0.673053	2.51069	10.4779	0.080098	0.089293	0.118594	-5.05114	0.516853	5.567996	0.273531	0.508601	0.27534
ZEB1-AS1__process	1.06066	0.544365	0.852699	0.446162	19.4976	51.4972	0	0.313433	0.426177	-4.86136	1.732486	6.593843	0.263522	0.149485	0.251804
ZEB2-AS1__antisen	0	0	0	0	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
ZFAS1__antisense	0.619491	31.4122	0	65.7372	33.45	317.01	47.6355	15.9646	25.6558	-3.6997	-1.47845	2.221248	0.314667	0.407315	0.354534
ZMIZ1-AS1__antiser	0	1.22396	1.36202	5.21834	35.3643	370.709	1.17898	0	0	-7.31331	1.133172	8.446479	0.363901	0.627008	0.364206

