

Analysis of phytoplasma-responsive sRNAs provide insight into the pathogenic mechanisms of mulberry yellow dwarf disease

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Supplementary Text. Expression profiling of siRNAs in mulberry

siR-name	Normalized value (Healthy leaf)	Normalized value (Infected leaf)	Fold-change (log2 Infected leaf/Healthy leaf)	P-value	Significance lable
siR_1000	14.2154	21.444	0.59311935	1.87E-10	
siR_100014	1.5598	0.9696	-0.68589945	0.053332237	
siR_100039	1.9497	1.1934	-0.70817447	0.025965659	
siR_100068	4.5376	1.1934	-1.92685176	5.92E-14	**
siR_100075	4.6439	1.4545	-1.67481361	5.23E-12	**
siR_100096	3.6868	1.4545	-1.34184586	1.85E-07	**
siR_100098	1.9497	0.5594	-1.80129999	2.93E-06	**
siR_100104	6.6291	1.268	-2.38625827	2.38E-25	**
siR_100117	1.0635	1.6409	0.62566729	0.065882408	
siR_100162	0.01	1.3799	7.10841991	2.74E-12	**
siR_100165	1.028	0.8205	-0.32526503	0.431150137	
siR_100166	0.9926	1.0815	0.12374931	0.745159542	
siR_100170	8.7207	7.5707	-0.20401724	0.136058632	
siR_100183	1.7725	1.1188	-0.66383347	0.045088977	
siR_100185	8.7207	3.804	-1.1969267	1.89E-13	**
siR_100211	5.6365	5.4449	-0.04989404	0.764686414	
siR_100241	1.1344	0.8951	-0.34180866	0.385445259	
siR_100258	0.01	2.3495	7.87620996	2.10E-20	**
siR_100260	15.8107	4.7363	-1.73906887	2.85E-39	**
siR_100266	6.5937	2.163	-1.60805458	1.30E-15	**
siR_100313	0.01	13.2393	10.37061113	1.46E-111	**
siR_100318	3.155	0.8951	-1.81751923	1.88E-09	**
siR_100329	205.7161	195.2334	-0.07545482	0.006062093	
siR_100352	1.3116	0.2984	-2.13600837	1.97E-05	**
siR_100358	0.01	1.9766	7.62687714	2.78E-17	**
siR_100365	1.1344	0.2984	-1.92661	0.000211792	**
siR_100366	2.1624	0.3356	-2.6878188	2.77E-10	**
siR_100368	2.0561	1.6409	-0.32542311	0.261432417	
siR_100369	0.01	1.6409	7.35834351	1.79E-14	**
siR_100371	0.01	3.6548	8.51364865	2.48E-31	**
siR_100394	0.01	1.4172	7.14689956	1.34E-12	**
siR_100441	1.8434	0.8951	-1.04224838	0.002666955	**
siR_100471	0.01	2.2376	7.80580835	1.81E-19	**

siR_100476	3.1196	1.1188	-1.4794089	2.50E-07	**
siR_100483	1.3825	0.4102	-1.75288008	0.0001191	**
siR_100484	0.01	2.8716	8.16571099	8.93E-25	**
siR_100514	1.3471	0.5594	-1.26790479	0.002777337	**
siR_100533	60.5485	5.4822	-3.46526435	440779106913e	**
siR_100534	3.6159	0.2611	-3.79168042	5.80E-22	**
siR_100546	1.6307	0.7086	-1.20244802	0.001551793	**
siR_100555	4.9275	1.8274	-1.43106341	2.34E-10	**
siR_100591	1.3116	0.2238	-2.55104587	2.11E-06	**
siR_100605	33.0748	9.3235	-1.82678889	8.01E-86	**
siR_100636	4.1476	1.0069	-2.04235636	8.87E-14	**
siR_100645	1.028	0.8578	-0.26112704	0.523138814	
siR_100655	1.3471	0.2611	-2.36718259	4.10E-06	**
siR_100659	1.3471	0.5967	-1.17477927	0.004838592	**
siR_100664	1.6661	0.2984	-2.48115555	1.28E-07	**
siR_100667	6.2392	1.8274	-1.7715686	8.29E-17	**
siR_100673	2.5524	0.7086	-1.84881107	4.79E-08	**
siR_100684	0.709	1.0069	0.50606288	0.235363115	
siR_100695	0.01	1.6782	7.39077085	8.72E-15	**
siR_10073	0.01	3.5802	8.48389637	1.05E-30	**
siR_100739	3.9349	1.3426	-1.55129742	1.91E-09	**
siR_100745	1.1344	0.1492	-2.92661	2.25E-06	**
siR_100747	5.4238	1.6782	-1.69238932	5.66E-14	**
siR_10075	0.01	1.3053	7.02823761	1.15E-11	**
siR_100753	4.0413	1.9393	-1.05928345	5.92E-06	**
siR_100757	4.7148	1.3053	-1.85281515	8.84E-14	**
siR_100759	1.2053	0.5221	-1.20699422	0.006557539	**
siR_100768	1.3471	1.0815	-0.31682329	0.37768126	
siR_10079	0.01	1.3426	7.06888574	5.63E-12	**
siR_1008	0.01	8.503	9.73182813	6.48E-72	**
siR_100802	4.0413	3.9904	-0.01828608	0.927044666	
siR_100804	4.963	3.7667	-0.39791132	0.034190514	
siR_100806	2.1624	1.0069	-1.10271301	0.00064935	**
siR_10081	53.4231	35.28	-0.59861313	4.29E-24	
siR_100813	1.0989	0.634	-0.79350536	0.066742311	
siR_100814	0.01	7.1977	9.49139216	5.47E-61	**
siR_10082	5.0693	3.2819	-0.62725526	0.001185577	
siR_100833	0.01	1.0442	6.70625425	1.77E-09	**
siR_100857	1.2762	0.2984	-2.096535	3.20E-05	**
siR_100860	5.2466	1.8647	-1.49243926	1.50E-11	**
siR_100864	1.9143	0.5967	-1.68173926	1.01E-05	**
siR_100868	23.8224	10.5542	-1.17450154	3.87E-33	**
siR_100871	463.3309	94.9502	-2.28679996	0	**
siR_100872	62.002	27.5229	-1.17168226	3.67E-83	**
siR_100873	5.1402	2.7225	-0.91689245	5.70E-06	
siR_100874	2.446	0.7459	-1.71337027	4.00E-07	**
siR_100875	1.1698	0.2238	-2.38597995	1.70E-05	**

siR_100879	18.9657	3.2073	-2.56396141	1.63E-75	**
siR_100883	6.0974	3.431	-0.82956507	5.58E-06	
siR_10089	3.3323	1.0815	-1.62348462	1.15E-08	**
siR_10090	3.0132	0.7086	-2.08825306	1.23E-10	**
siR_100903	1.028	0.2611	-1.9771659	0.000342937	**
siR_100909	1.1698	0.2984	-1.97094245	0.000133017	**
siR_100945	1.6307	0.2984	-2.45017195	2.15E-07	**
siR_10096	1.0989	0.2611	-2.07338574	0.000132441	**
siR_100966	1.8788	0.2238	-3.06952956	3.24E-10	**
siR_100971	8.0471	2.8716	-1.48661416	7.20E-17	**
siR_100996	1.5598	0.634	-1.29880631	0.001018403	**
siR_101	1.2407	0.2238	-2.47087237	6.03E-06	**
siR_1010	2.9423	2.4987	-0.23576665	0.321748673	
siR_10102	0.01	3.5802	8.48389637	1.05E-30	**
siR_10104	155.5544	93.4957	-0.73444728	3.16E-95	
siR_101046	0.01	1.268	6.98641094	2.37E-11	**
siR_10105	5.1048	2.797	-0.86797419	1.58E-05	
siR_101051	2.4815	0.8578	-1.53249923	2.43E-06	**
siR_101052	5.6011	1.1934	-2.2306325	4.52E-20	**
siR_10106	4.0413	1.8647	-1.11587591	2.31E-06	**
siR_101066	17.1223	2.797	-2.61392435	8.51E-70	**
siR_10107	3.0132	1.7155	-0.81266731	0.001758048	
siR_101075	2.2333	0.7832	-1.51172439	9.71E-06	**
siR_10108	2.7296	1.3426	-1.02366	0.000303307	**
siR_101086	0.01	1.6782	7.39077085	8.72E-15	**
siR_101105	4.3958	1.7901	-1.29608557	2.90E-08	**
siR_101147	0.01	69.8141	12.76930272	0	**
siR_101148	0.01	16.5212	10.69010276	4.93E-139	**
siR_101149	0.01	2.8343	8.14684866	1.83E-24	**
siR_101158	0.01	15.3651	10.58544144	2.35E-129	**
siR_101159	0.01	4.1396	8.69334756	2.17E-35	**
siR_101160	0.01	2.7597	8.10836763	7.72E-24	**
siR_101168	0.01	2.6106	8.02823761	1.37E-22	**
siR_101173	0.01	9.137	9.83557675	3.20E-77	**
siR_101174	0.01	9.137	9.83557675	3.20E-77	**
siR_101175	0.01	1.6409	7.35834351	1.79E-14	**
siR_101176	0.01	1.529	7.2564446	1.55E-13	**
siR_101181	0.01	2.536	7.98641094	5.76E-22	**
siR_101215	0.01	8.0928	9.66049513	1.76E-68	**
siR_101219	0.01	39.9417	11.96368002	0	**
siR_101234	31.905	19.6912	-0.6962315	3.73E-19	
siR_101237	28.9272	21.705	-0.41439926	1.01E-07	
siR_101239	0.01	6.4145	9.325193	1.97E-54	**
siR_101248	3.0132	0.5967	-2.33621875	5.27E-12	**
siR_101270	0.01	6.7129	9.39079234	6.26E-57	**
siR_101278	10.0678	2.163	-2.21864289	1.14E-34	**
siR_101289	4.6794	1.0442	-2.16392549	1.99E-16	**

siR_10129	1. 2407	0. 8205	-0. 59657908	0. 128834839	
siR_101311	0. 01	9. 6591	9. 91574496	1. 36E-81	**
siR_101319	1. 418	0. 4848	-1. 54839593	0. 00035749	**
siR_101340	2. 5169	0. 6713	-1. 90661835	3. 13E-08	**
siR_101351	1. 0989	0. 2611	-2. 07338574	0. 000132441	**
siR_101357	1. 6661	0. 7086	-1. 23343162	0. 001096727	**
siR_101373	5. 3529	0. 6713	-2. 99529115	3. 73E-26	**
siR_101388	2. 5878	0. 634	-2. 02917138	4. 99E-09	**
siR_101399	0. 01	1. 4545	7. 18437949	6. 51E-13	**
siR_10142	24. 9213	14. 6192	-0. 76951496	6. 41E-18	
siR_101475	16. 4133	9. 6591	-0. 76490466	3. 38E-12	
siR_101490	0. 01	3. 3564	8. 39077085	7. 81E-29	**
siR_101493	0. 01	3. 6175	8. 49884921	5. 10E-31	**
siR_101503	0. 01	1. 3053	7. 02823761	1. 15E-11	**
siR_101514	9. 8551	2. 9835	-1. 72386473	8. 67E-25	**
siR_101540	3. 2614	0. 8205	-1. 99091615	8. 33E-11	**
siR_101564	8. 1535	0. 634	-3. 68486474	8. 18E-47	**
siR_10157	4. 0058	1. 8647	-1. 10314685	3. 16E-06	**
siR_101595	1. 028	0. 5221	-0. 9774422	0. 034659916	
siR_101611	0. 01	1. 2307	6. 94333532	4. 86E-11	**
siR_101612	0. 01	2. 9462	8. 20271156	2. 12E-25	**
siR_101628	2. 0206	0. 7086	-1. 51174038	2. 62E-05	**
siR_101701	1. 8079	1. 8647	0. 04462866	0. 874668717	
siR_101714	1. 1344	0. 1492	-2. 92661	2. 25E-06	**
siR_10173	18. 7885	11. 1509	-0. 75268974	2. 05E-13	
siR_101750	1. 0635	0. 8951	-0. 24869926	0. 535296857	
siR_10176	69. 9428	24. 2783	-1. 52650815	1. 98E-139	**
siR_101766	2. 5878	0. 8951	-1. 53160535	1. 49E-06	**
siR_101804	3. 4741	2. 0139	-0. 78664723	0. 001080173	
siR_101805	0. 01	2. 536	7. 98641094	5. 76E-22	**
siR_10182	33. 9965	32. 3338	-0. 07234316	0. 284936323	
siR_101842	1. 2407	0. 1865	-2. 73390678	1. 71E-06	**
siR_101849	37. 6833	12. 0832	-1. 64092274	3. 55E-84	**
siR_101850	3. 155	1. 902	-0. 73012276	0. 003516301	
siR_101851	1. 6307	0. 6713	-1. 28046185	0. 000886812	**
siR_101855	3. 1905	1. 268	-1. 33122779	1. 46E-06	**
siR_101856	1. 1344	0. 6713	-0. 75689989	0. 073613489	
siR_101857	1. 6307	0. 5221	-1. 64309333	6. 28E-05	**
siR_101868	1. 5598	0. 4475	-1. 80140147	3. 03E-05	**
siR_101893	7. 5154	1. 9393	-1. 95431389	1. 46E-22	**
siR_101894	3. 8286	0. 8205	-2. 2222417	4. 21E-14	**
siR_101899	1. 3116	0. 3356	-1. 96651319	5. 19E-05	**
siR_101905	1. 1698	0. 1119	-3. 38597995	2. 69E-07	**
siR_10193	6. 381	2. 2376	-1. 51183038	5. 55E-14	**
siR_101933	1. 3116	0. 634	-1. 04877306	0. 011177638	*
siR_101947	3. 5804	2. 5733	-0. 47650111	0. 033819216	
siR_101952	4. 6085	0. 5967	-2. 94921957	2. 20E-22	**

siR_101956	0.01	1.4545	7.18437949	6.51E-13	**
siR_101968	0.01	1.2307	6.94333532	4.86E-11	**
siR_101972	0.01	27.1126	11.40474775	1.08E-227	**
siR_101976	0.01	1.1188	6.80580835	4.20E-10	**
siR_101981	0.01	1.7901	7.48389637	1.01E-15	**
siR_101994	0.01	2.2376	7.80580835	1.81E-19	**
siR_102000	1.8434	1.0442	-0.81997109	0.014012732	
siR_102020	3.155	0.4102	-2.94324061	1.03E-15	**
siR_102030	3.1905	1.0069	-1.66386212	1.34E-08	**
siR_102031	10.7059	2.4987	-2.09915648	2.10E-34	**
siR_102053	0.01	12.3443	10.26962931	4.54E-104	**
siR_102057	0.01	4.8482	8.9213054	2.54E-41	**
siR_102060	0.01	1.5663	7.29121675	7.54E-14	**
siR_102069	1.3825	0.2238	-2.62699754	7.30E-07	**
siR_102078	35.769	12.307	-1.53923066	4.49E-73	**
siR_102080	0.01	1.8274	7.51364865	4.92E-16	**
siR_102097	1.1344	0.2611	-2.11925507	8.17E-05	**
siR_102101	1.5243	0.3729	-2.03128617	7.99E-06	**
siR_102113	3.2614	1.4918	-1.12843726	1.89E-05	**
siR_102133	1.8434	2.536	0.46018559	0.082779603	
siR_102136	1.6307	2.9462	0.85336398	0.001200533	
siR_102147	1.3825	0.7459	-0.89022535	0.022894115	
siR_102159	0.01	1.0815	6.75688986	8.62E-10	**
siR_102184	1.0989	0.1865	-2.55881257	1.47E-05	**
siR_102192	0.9571	1.3053	0.44763985	0.226390695	
siR_102195	0.4608	2.163	2.23082104	1.14E-08	**
siR_102216	1.3825	0.2611	-2.40460512	2.46E-06	**
siR_102219	3.1905	0.8951	-1.83366176	1.21E-09	**
siR_102221	7.9762	3.9904	-0.99916821	1.22E-09	
siR_102224	107.5552	26.0684	-2.04470333	898108834353e	**
siR_102228	4.7503	1.7528	-1.43835724	4.24E-10	**
siR_102233	2.3397	1.0815	-1.11328989	0.00034804	**
siR_102236	0.01	1.0815	6.75688986	8.62E-10	**
siR_102262	4.5021	1.9766	-1.18757716	1.58E-07	**
siR_102264	1.2053	0.7459	-0.69233815	0.087734995	
siR_102273	0.01	1.0442	6.70625425	1.77E-09	**
siR_102274	0.01	2.9462	8.20271156	2.12E-25	**
siR_102292	38.3923	69.926	0.86501199	9.25E-58	
siR_10233	1.2407	1.4918	0.26589982	0.42673041	
siR_102353	1.1344	0.5221	-1.11953137	0.013060942	*
siR_102355	1.3116	0.8205	-0.67675257	0.080471863	
siR_102356	2.5169	1.3799	-0.86708418	0.00254044	
siR_10236	1.1698	0.2984	-1.97094245	0.000133017	**
siR_102365	1.1698	0.0746	-3.97094245	4.33E-08	**
siR_102376	5.0693	1.3426	-1.916757	2.50E-15	**
siR_102393	0.01	1.2307	6.94333532	4.86E-11	**
siR_10241	0.01	1.0069	6.6537766	3.63E-09	**

siR_102420	0.01	3.7294	8.54279973	5.90E-32	**
siR_102434	1.737	1.4918	-0.21954362	0.47916079	
siR_102436	3.545	1.9393	-0.87024963	0.000318042	
siR_102444	6.3101	3.17	-0.99318003	7.60E-08	
siR_102449	1.418	0.6713	-1.07882799	0.006897488	**
siR_102453	4.1122	1.9393	-1.08437443	3.21E-06	**
siR_102466	16.1652	4.438	-1.86490978	5.39E-44	**
siR_102471	5.1402	3.0208	-0.76689382	9.79E-05	
siR_102473	54.4866	23.2714	-1.22734346	9.52E-79	**
siR_102481	1.7016	1.0069	-0.75697153	0.027686419	
siR_102493	0.01	2.7597	8.10836763	7.72E-24	**
siR_102506	18.1504	13.0529	-0.47563097	1.69E-06	
siR_102519	0.01	4.9974	8.96503389	1.43E-42	**
siR_102525	78.2026	125.7176	0.68489816	6.68E-69	
siR_102526	0.7444	1.529	1.03843845	0.006168904	**
siR_102533	6187.0451	3106.6909	-0.99387184	0	
siR_102534	26.0203	75.3709	1.53437002	1.64E-152	**
siR_102535	19.0012	44.5662	1.22985942	2.14E-65	**
siR_102536	1.3471	0.8205	-0.71528171	0.062862752	
siR_102542	129.605	77.0491	-0.75027137	1.35E-82	
siR_102543	10.6704	7.0858	-0.59061161	8.00E-06	
siR_102544	8.1535	4.6617	-0.80656332	2.89E-07	
siR_102559	0.01	2.536	7.98641094	5.76E-22	**
siR_102562	69.5528	82.9416	0.25398728	1.27E-08	
siR_102563	0.709	1.0815	0.60917613	0.145996817	
siR_102567	1.2407	0.3729	-1.73429361	0.000303178	**
siR_102568	3948.5223	1810.0205	-1.1253068	0	**
siR_102569	17.6895	55.083	1.63871387	4.63E-123	**
siR_102570	9.7133	26.6278	1.45489981	5.17E-51	**
siR_102571	1.0635	0.4475	-1.24886045	0.008857046	**
siR_102576	80.1169	39.7553	-1.01095939	1.39E-84	**
siR_102577	5.8847	3.2073	-0.87560956	2.99E-06	
siR_102578	4.6085	2.2376	-1.04234509	1.79E-06	**
siR_102587	0.01	1.1934	6.89893387	9.98E-11	**
siR_102592	0.01	1.1561	6.85312238	2.05E-10	**
siR_10260	5.1402	1.8647	-1.46288095	4.68E-11	**
siR_102690	0.01	1.4172	7.14689956	1.34E-12	**
siR_102746	0.01	3.5056	8.45351758	4.40E-30	**
siR_102751	0.01	1.1561	6.85312238	2.05E-10	**
siR_102774	0.01	1.5663	7.29121675	7.54E-14	**
siR_102781	53.1749	23.0849	-1.20379593	1.22E-74	**
siR_102789	34.741	14.6938	-1.24143174	9.62E-52	**
siR_102795	0.01	2.4987	7.96503389	1.18E-21	**
siR_102797	9.1106	8.5403	-0.09325932	0.478078749	
siR_102807	0.01	13.8733	10.43809528	7.21E-117	**
siR_102808	0.01	1.4918	7.22091032	3.17E-13	**
siR_102815	0.01	84.5825	13.04614349	0	**

siR_102816	0.01	1.6409	7.35834351	1.79E-14	**
siR_102817	0.01	1.2307	6.94333532	4.86E-11	**
siR_102824	0.01	52.0249	12.34498657	0	**
siR_102825	0.01	2.0512	7.68032436	6.59E-18	**
siR_102826	0.01	1.1561	6.85312238	2.05E-10	**
siR_102837	0.01	7.0858	9.46878694	4.73E-60	**
siR_102838	0.01	2.3122	7.85312238	4.30E-20	**
siR_102839	0.01	2.0885	7.70632333	3.21E-18	**
siR_102840	0.01	1.0442	6.70625425	1.77E-09	**
siR_102846	0.01	10.1066	9.98108202	2.44E-85	**
siR_102847	0.01	2.4241	7.9213054	4.98E-21	**
siR_102848	0.01	1.3426	7.06888574	5.63E-12	**
siR_102849	0.01	1.2307	6.94333532	4.86E-11	**
siR_102854	0.01	1.6036	7.32517051	3.67E-14	**
siR_102860	1.4534	0.7459	-0.96237768	0.012720128	
siR_10287	1.1698	0.8951	-0.38614112	0.322692255	
siR_102887	2.3751	0.0746	-4.99266882	2.20E-17	**
siR_10289	1.1344	0.634	-0.83937469	0.050540314	
siR_102909	1.2762	0.7459	-0.77480031	0.052442918	
siR_102920	1.8788	0.8951	-1.06969073	0.001948509	**
siR_102925	0.01	2.0512	7.68032436	6.59E-18	**
siR_102929	0.01	2.9462	8.20271156	2.12E-25	**
siR_10295	1.2053	0.634	-0.92683753	0.028276658	
siR_102962	0.01	1.6036	7.32517051	3.67E-14	**
siR_102965	0.01	6.5637	9.35836549	1.11E-55	**
siR_10297	1.028	0.8951	-0.19971949	0.622135026	
siR_103056	1.0635	0.2984	-1.83350059	0.000528454	**
siR_103079	2.0915	0.8578	-1.28582478	0.000152961	**
siR_103087	4.6085	1.1934	-1.94921957	2.40E-14	**
siR_103088	3.1196	0.8951	-1.80124028	2.90E-09	**
siR_103092	1.0989	0.1119	-3.29577817	8.66E-07	**
siR_103116	1.8079	0.9696	-0.89885328	0.008533461	
siR_103132	4.0058	1.2307	-1.70261126	9.27E-11	**
siR_103133	1.3825	0.2611	-2.40460512	2.46E-06	**
siR_103140	53.1749	32.1473	-0.72604784	4.42E-33	
siR_103144	18.3276	5.4076	-1.76095753	5.00E-46	**
siR_103148	117.3039	78.429	-0.58079187	2.65E-48	
siR_103149	2.3397	1.6409	-0.51183624	0.067734636	
siR_103210	1.4534	0.3729	-1.96257111	2.04E-05	**
siR_103213	7.8699	3.0208	-1.38141463	5.78E-15	**
siR_103218	16.0234	5.1093	-1.64898275	5.06E-37	**
siR_103231	21.1636	5.0347	-2.07160733	2.50E-65	**
siR_103232	3.6513	1.1561	-1.65914402	1.28E-09	**
siR_103233	2.0206	0.4475	-2.17482417	7.15E-08	**
siR_103234	1.4534	0.3729	-1.96257111	2.04E-05	**
siR_103237	1.9497	0.1865	-3.38600462	2.03E-11	**
siR_103244	1.2762	0.1865	-2.7746069	9.92E-07	**

siR_10325	0.01	10.8898	10.08876174	6.79E-92	**
siR_103264	6.7709	2.0139	-1.74935556	7.89E-18	**
siR_103265	2.0206	0.634	-1.67222901	6.14E-06	**
siR_103280	205.9997	122.6968	-0.74754461	2.43E-129	
siR_103289	22.298	17.006	-0.39087047	9.56E-06	
siR_10329	0.01	5.7433	9.16573611	8.19E-49	**
siR_103293	13.081	11.934	-0.13239515	0.23008062	
siR_103327	1.028	0.4102	-1.32544087	0.007079856	**
siR_103336	0.01	2.9089	8.18432989	4.35E-25	**
siR_103337	4.8566	3.3937	-0.51708763	0.007666522	
siR_10334	0.01	1.1934	6.89893387	9.98E-11	**
siR_103343	1.2407	0.1865	-2.73390678	1.71E-06	**
siR_103346	29.8134	10.8525	-1.45793349	1.28E-56	**
siR_103349	4.8212	1.0442	-2.20699421	2.89E-17	**
siR_103353	5.3884	1.268	-2.08730221	6.17E-18	**
siR_103356	1.2762	0.4102	-1.63745504	0.000431216	**
siR_103358	1.8788	0.2611	-2.84713714	1.41E-09	**
siR_103364	4.4312	1.0442	-2.08529938	5.54E-15	**
siR_103365	2.7296	1.0069	-1.43876914	2.35E-06	**
siR_103366	2.3751	0.9323	-1.34912209	2.78E-05	**
siR_103376	0.01	3.2819	8.35838747	3.29E-28	**
siR_103377	0.01	1.7528	7.45351758	2.07E-15	**
siR_103378	0.01	1.1561	6.85312238	2.05E-10	**
siR_103385	5.3175	1.529	-1.79815972	8.33E-15	**
siR_103386	1.418	0.5594	-1.34190537	0.001335576	**
siR_10339	4.6794	2.536	-0.88376881	2.72E-05	
siR_103398	6.7355	2.6479	-1.34693641	1.41E-12	**
siR_103399	1.028	0.4475	-1.19988068	0.012673013	*
siR_103404	8.5789	4.438	-0.95088301	1.44E-09	
siR_103405	3.6159	2.2749	-0.66855165	0.003807491	
siR_103406	4.6439	1.5663	-1.56797634	4.70E-11	**
siR_103407	3.2614	1.4172	-1.20244802	6.80E-06	**
siR_103408	1.0989	0.8205	-0.42148487	0.29881012	
siR_103418	4.5376	2.1258	-1.09392357	8.28E-07	**
siR_103426	0.01	5.6314	9.13734982	7.07E-48	**
siR_103456	1.4889	0.4102	-1.85984746	3.15E-05	**
siR_103464	3.8286	1.8647	-1.0378734	1.46E-05	**
siR_103465	1.4534	0.7832	-0.89197914	0.019383579	
siR_103469	275.1271	147.2362	-0.90196583	1.43E-236	
siR_103470	4.3603	2.2376	-0.96247524	1.37E-05	
siR_103480	315.7527	106.8842	-1.56274647	0	**
siR_103481	3.545	2.8716	-0.30393082	0.165329337	
siR_103482	6.8773	2.7225	-1.33691023	1.10E-12	**
siR_103483	1.3471	0.634	-1.08730221	0.008088456	**
siR_103502	10.1741	2.2749	-2.16102615	6.11E-34	**
siR_103503	2.0206	1.0069	-1.00486334	0.002256209	**
siR_103504	4.0413	0.9696	-2.05935785	1.37E-13	**

siR_103516	2.0915	0.7832	-1.41708533	4.55E-05	**
siR_103529	3.0487	1.2307	-1.30871506	3.38E-06	**
siR_10358	14.4636	4.5871	-1.65677242	8.63E-34	**
siR_103595	1.3471	0.7086	-0.92681358	0.020219118	
siR_10360	1.6307	0.5221	-1.64309333	6.28E-05	**
siR_103624	4.963	0.8205	-2.59663722	3.72E-21	**
siR_103629	0.01	1.1561	6.85312238	2.05E-10	**
siR_103658	0.01	4.2515	8.73182813	2.51E-36	**
siR_103659	3.2259	2.6106	-0.30532029	0.18393241	
siR_103663	0.01	1.1561	6.85312238	2.05E-10	**
siR_103676	12.3366	13.3885	0.1180495	0.276512578	
siR_103679	4.1476	3.3937	-0.28941773	0.151661914	
siR_103681	1.7725	0.7832	-1.17833296	0.001154208	**
siR_103710	5.5656	3.2073	-0.79517792	2.87E-05	
siR_103735	2.6233	1.7528	-0.58172141	0.02973508	
siR_103756	0.01	3.3192	8.37469175	1.60E-28	**
siR_10377	7.9408	4.5871	-0.791702	6.28E-07	
siR_103801	4.2185	0.5221	-3.01433204	5.02E-21	**
siR_103826	0.01	8.503	9.73182813	6.48E-72	**
siR_103837	3.155	2.9835	-0.08063423	0.719471558	
siR_103840	2.1979	1.1561	-0.92685956	0.002876534	
siR_103859	0.01	2.9462	8.20271156	2.12E-25	**
siR_103860	0.01	1.3799	7.10841991	2.74E-12	**
siR_103862	0.01	46.0206	12.16806408	0	**
siR_103863	0.01	1.0815	6.75688986	8.62E-10	**
siR_103900	42.5754	6.3027	-2.75597819	4.75E-181	**
siR_103925	1.1344	0.1865	-2.6046819	8.62E-06	**
siR_103927	3.4386	0.5221	-2.71942324	8.80E-16	**
siR_103928	44.3833	6.4518	-2.78224332	1.45E-190	**
siR_103930	2.1979	0.8951	-1.29600497	9.36E-05	**
siR_103959	0.01	1.1934	6.89893387	9.98E-11	**
siR_103977	5.6365	2.7225	-1.04986755	1.06E-07	**
siR_103983	0.01	1.4545	7.18437949	6.51E-13	**
siR_103995	3.7577	2.0139	-0.89985784	0.000136776	
siR_104011	3.2968	1.4172	-1.218023	4.86E-06	**
siR_104040	2.1979	1.4545	-0.59560245	0.0423763	
siR_104044	6.8418	2.3868	-1.51929825	5.50E-15	**
siR_104045	1.1344	0.4102	-1.46753004	0.002218064	**
siR_104059	0.01	2.4241	7.9213054	4.98E-21	**
siR_104077	0.01	1.268	6.98641094	2.37E-11	**
siR_104084	1.3471	0.1492	-3.17453751	7.49E-08	**
siR_104102	1.2762	0.3729	-1.77499374	0.000195629	**
siR_104108	1.028	0.5221	-0.9774422	0.034659916	
siR_10412	1.3116	0.7832	-0.74387514	0.057586901	
siR_104168	2.0206	0.5967	-1.75970607	2.79E-06	**
siR_104184	5.282	6.8994	0.3853866	0.015002367	
siR_104188	1.5598	1.1561	-0.43209486	0.203345857	

siR_104201	32.2595	7.1977	-2.1641162	3.38E-104	**
siR_104204	5.3175	2.0512	-1.37427996	1.70E-10	**
siR_104207	2.0915	1.529	-0.45194959	0.123631305	
siR_104214	8.2953	0.7832	-3.40484149	1.26E-44	**
siR_104216	9.0043	1.3053	-2.7862327	4.92E-40	**
siR_104217	9.8551	0.9696	-3.34540891	6.09E-52	**
siR_104221	4.6439	0.7832	-2.56788424	1.17E-19	**
siR_104224	1.2053	0.3729	-1.69253158	0.000467353	**
siR_104253	1.028	0.1865	-2.46259273	4.21E-05	**
siR_104261	1.6307	0.8205	-0.99091616	0.006788426	
siR_104295	1.3825	0.1492	-3.21196004	4.21E-08	**
siR_104296	2.8714	2.9089	0.01871938	0.932970802	
siR_104301	0.01	2.9462	8.20271156	2.12E-25	**
siR_104340	0.01	1.1934	6.89893387	9.98E-11	**
siR_104350	0.01	1.8274	7.51364865	4.92E-16	**
siR_104354	33.6066	8.2047	-2.0342221	2.36E-100	**
siR_104369	0.01	86.298	13.07511141	0	**
siR_104374	0.01	32.744	11.67701486	7.84E-275	**
siR_104377	0.01	26.9262	11.39479493	3.93E-226	**
siR_104387	2.5169	0.7459	-1.75459377	1.70E-07	**
siR_104389	10.3159	1.4918	-2.78974366	1.06E-45	**
siR_104391	1.3471	0.1865	-2.85260942	3.30E-07	**
siR_10441	13.7546	7.1604	-0.9418021	2.83E-14	
siR_10443	26.6938	12.2697	-1.12140472	2.03E-34	**
siR_104432	0.01	2.0885	7.70632333	3.21E-18	**
siR_104434	0.01	3.7667	8.55715732	2.87E-32	**
siR_104459	4.6085	0.7832	-2.55684458	1.97E-19	**
siR_104471	19.3911	8.3538	-1.21489014	1.10E-28	**
siR_104477	0.01	12.8664	10.32939273	1.93E-108	**
siR_104478	0.01	2.9089	8.18432989	4.35E-25	**
siR_104488	1.2053	0.4102	-1.55499288	0.000989728	**
siR_104531	1.8788	1.1188	-0.74785934	0.021928453	
siR_104556	1.0989	0.1492	-2.88074067	3.93E-06	**
siR_104578	1.5243	1.9766	0.37487408	0.205681998	
siR_10458	0.6735	1.3053	0.95463157	0.018405953	
siR_104580	39.0304	21.4067	-0.86653584	6.21E-33	
siR_104597	0.01	37.443	11.87048032	829344337875e	**
siR_104598	0.01	4.5126	8.81781509	1.64E-38	**
siR_104599	0.01	1.5663	7.29121675	7.54E-14	**
siR_104600	0.01	1.0815	6.75688986	8.62E-10	**
siR_104605	0.01	19.169	10.90455936	3.37E-161	**
siR_104606	0.01	8.6895	9.76312936	1.78E-73	**
siR_104607	0.01	1.3053	7.02823761	1.15E-11	**
siR_104615	0.01	5.2957	9.04867759	4.56E-45	**
siR_104622	0.01	10.7406	10.06885887	1.20E-90	**
siR_104629	0.01	2.9835	8.22086197	1.03E-25	**
siR_104630	0.01	1.3799	7.10841991	2.74E-12	**

siR_104652	3.5804	0.2238	-3.99983883	1.38E-22	**
siR_104654	1.5598	0.1492	-3.38604162	2.30E-09	**
siR_104720	3.4741	0.8578	-2.01792606	1.33E-11	**
siR_104725	1.1698	0.3729	-1.64940119	0.000716423	**
siR_104728	7.5154	4.4007	-0.77211687	2.11E-06	
siR_104733	9.7842	3.7294	-1.39151035	1.97E-18	**
siR_104756	1.2762	2.4987	0.96932326	0.000906952	
siR_104761	1.1344	0.2611	-2.11925507	8.17E-05	**
siR_10478	0.01	1.0069	6.6537766	3.63E-09	**
siR_104789	1.028	0.5594	-0.87788811	0.053501766	
siR_10481	9.6069	5.4076	-0.82908253	1.17E-08	
siR_104820	2.3397	1.1934	-0.97124588	0.001378704	
siR_104846	1.028	0.1865	-2.46259273	4.21E-05	**
siR_104878	1.4889	0.2238	-2.73396492	1.45E-07	**
siR_104885	1.028	0.2238	-2.19955832	0.000127871	**
siR_104929	1.2762	0.634	-1.00929969	0.015340798	*
siR_104936	1.8788	0.8578	-1.13109828	0.001192693	**
siR_10494	1.3471	0.9696	-0.47439535	0.198369951	
siR_104943	1.9497	2.4614	0.33622697	0.201834851	
siR_104945	63.2073	31.849	-0.98884311	8.88E-65	
siR_104949	31.515	21.1083	-0.57822827	4.82E-14	
siR_104953	10.245	10.032	-0.03031073	0.805441753	
siR_104957	0.01	1.0069	6.6537766	3.63E-09	**
siR_10498	0.01	1.529	7.2564446	1.55E-13	**
siR_104985	3.5804	1.3426	-1.41509123	8.85E-08	**
siR_105034	2.0915	0.1865	-3.48729046	1.93E-12	**
siR_105038	2.3751	0.3356	-2.82317364	1.07E-11	**
siR_105039	6.0974	1.6409	-1.89370687	7.01E-18	**
siR_105043	1.1698	0.3356	-1.80144727	0.000321486	**
siR_105044	9.9969	2.8716	-1.79962599	1.43E-26	**
siR_105061	0.01	4.5499	8.82969103	8.00E-39	**
siR_105097	1.6307	1.1561	-0.4962252	0.13940294	
siR_105109	0.01	1.3799	7.10841991	2.74E-12	**
siR_105112	3.6868	1.8647	-0.98342561	4.74E-05	
siR_105181	0.01	1.8274	7.51364865	4.92E-16	**
siR_105189	1.418	0.8951	-0.66373676	0.073755403	
siR_105194	1.9497	2.5733	0.40036751	0.124428273	
siR_105199	1.028	0.1865	-2.46259273	4.21E-05	**
siR_105200	1.1698	0.1865	-2.64901436	5.05E-06	**
siR_105217	4.6794	2.6479	-0.82147492	8.07E-05	
siR_105233	1.0635	0.5594	-0.92686787	0.039728581	
siR_105241	2.7296	2.3122	-0.23942336	0.333027614	
siR_105243	1.5952	1.0442	-0.61133925	0.07756025	
siR_105266	1.2053	0.7459	-0.69233815	0.087734995	
siR_105283	90.3974	43.9322	-1.04100253	8.59E-100	**
siR_105291	0.01	12.4189	10.27832168	1.08E-104	**
siR_105295	1.9497	2.3122	0.24601404	0.357540032	

siR_105306	0.01	18.274	10.83557675	1.05E-153	**
siR_105312	14.8535	14.3954	-0.04519504	0.658049617	
siR_105316	1.5243	2.7597	0.85636457	0.001671899	
siR_105334	3.545	1.268	-1.48323088	3.54E-08	**
siR_10535	1.0989	0.4102	-1.42166071	0.003288611	**
siR_10539	3.5804	1.6782	-1.09320611	1.24E-05	**
siR_105401	2.7651	1.6782	-0.720417	0.00696811	
siR_10543	0.01	5.4822	9.09861115	1.25E-46	**
siR_10544	0.01	1.1188	6.80580835	4.20E-10	**
siR_105456	20.561	7.6452	-1.42728428	2.18E-38	**
siR_105503	5.3884	2.6106	-1.04547553	2.22E-07	**
siR_105509	4.3958	1.7155	-1.35749662	9.02E-09	**
siR_105523	1.0989	0.1492	-2.88074067	3.93E-06	**
siR_105527	2.0561	0.2984	-2.78459099	3.65E-10	**
siR_10553	0.01	17.64	10.78463485	2.13E-148	**
siR_10554	0.01	2.9462	8.20271156	2.12E-25	**
siR_10555	0.01	2.2003	7.78155643	3.72E-19	**
siR_105554	1.6307	0.9323	-0.80662522	0.022857287	
siR_105556	3.7222	2.8716	-0.37430077	0.083577749	
siR_10556	0.01	1.7528	7.45351758	2.07E-15	**
siR_105564	1.8434	1.4172	-0.37932579	0.219749998	
siR_105581	0.01	2.6106	8.02823761	1.37E-22	**
siR_105589	1.4889	0.5221	-1.5118488	0.000322184	**
siR_10559	33.4648	13.8733	-1.27033339	1.14E-51	**
siR_10560	2.9778	1.3426	-1.14921731	3.39E-05	**
siR_10561	1.2762	0.5221	-1.28945638	0.003202105	**
siR_105624	3.0841	1.0442	-1.56245148	9.42E-08	**
siR_105636	0.01	4.7363	8.88761665	2.20E-40	**
siR_105637	0.01	2.6479	8.04870483	6.67E-23	**
siR_10564	1.3116	0.1865	-2.81408027	5.73E-07	**
siR_105641	0.01	20.7727	11.02047303	1.27E-174	**
siR_105659	8.9334	1.3053	-2.77482794	1.45E-39	**
siR_105660	16.9096	2.5733	-2.71615097	7.55E-72	**
siR_105696	4.7503	3.2073	-0.56665932	0.004171898	
siR_105698	15.2435	11.934	-0.35311651	0.000877185	
siR_105704	14.9244	10.032	-0.57306368	2.72E-07	
siR_10571	5.1048	1.4545	-1.81133114	2.12E-14	**
siR_105740	0.01	1.1561	6.85312238	2.05E-10	**
siR_105742	0.01	2.4614	7.94333532	2.43E-21	**
siR_10576	1.1344	0.4102	-1.46753004	0.002218064	**
siR_105788	26.4102	3.3192	-2.99218776	6.55E-123	**
siR_105794	660.7871	476.3918	-0.47203694	2.51E-181	
siR_105795	3.9704	1.9393	-1.03374836	1.08E-05	**
siR_105832	6.0619	1.4172	-2.09672668	4.17E-20	**
siR_105834	4.9275	3.7294	-0.40191233	0.033172498	
siR_105835	4.9984	4.438	-0.17155669	0.340851725	
siR_105836	3.4032	1.6409	-1.05240462	3.61E-05	**

siR_105838	1.2407	1.3053	0.07322711	0.830255381	
siR_105846	0.01	3.9159	8.61320011	1.62E-33	**
siR_105850	0.01	171.8501	14.06886307	0	**
siR_105851	0.01	9.0624	9.82374936	1.35E-76	**
siR_105852	0.01	1.1934	6.89893387	9.98E-11	**
siR_105858	21.6245	9.9202	-1.12422566	2.66E-28	**
siR_105859	19.0366	9.1743	-1.05310584	9.58E-23	**
siR_105860	5.3175	2.3868	-1.15567045	2.42E-08	**
siR_105861	2.4106	1.1561	-1.06012609	0.000482579	**
siR_105870	1.6307	1.268	-0.36293665	0.268725219	
siR_105873	0.01	1.3426	7.06888574	5.63E-12	**
siR_105894	0.01	4.7363	8.88761665	2.20E-40	**
siR_105902	4.1831	2.2749	-0.87876936	7.95E-05	
siR_105907	1.8079	0.3356	-2.42950026	5.31E-08	**
siR_105927	1.1344	0.9323	-0.28306327	0.468279224	
siR_105928	4.254	2.2003	-0.95111979	2.11E-05	
siR_105933	0.01	9.771	9.93236241	1.58E-82	**
siR_105934	0.01	1.0069	6.6537766	3.63E-09	**
siR_10594	1.0989	0.3729	-1.5591994	0.001653799	**
siR_105943	71.0417	46.319	-0.617062	3.66E-33	
siR_105944	2.5878	1.6409	-0.6572388	0.016082512	
siR_105965	2.2688	1.1188	-1.01997728	0.001040485	**
siR_105969	0.01	2.4241	7.9213054	4.98E-21	**
siR_105978	0.01	1.4172	7.14689956	1.34E-12	**
siR_105981	1.4889	0.4475	-1.73428727	7.26E-05	**
siR_105989	3.7577	1.1188	-1.74789773	1.67E-10	**
siR_106020	4.8566	1.4172	-1.7769033	1.90E-13	**
siR_106021	7.7281	7.7944	0.01232421	0.928454449	
siR_106026	15.5271	9.5845	-0.69601333	4.53E-10	
siR_106032	11.5212	8.5403	-0.43193234	0.000485156	
siR_106034	0.01	1.1561	6.85312238	2.05E-10	**
siR_106046	1.1698	0.4102	-1.5118625	0.001486275	**
siR_106048	0.01	1.3053	7.02823761	1.15E-11	**
siR_106066	2.1979	0.5221	-2.07372768	4.84E-08	**
siR_106084	2.6942	1.7155	-0.65122783	0.014824002	
siR_106170	8.3662	2.797	-1.58069223	5.58E-19	**
siR_106229	0.01	1.5663	7.29121675	7.54E-14	**
siR_106250	3.2968	1.0069	-1.71114596	3.83E-09	**
siR_106257	0.01	3.431	8.42248532	1.85E-29	**
siR_106261	1.9143	0.5967	-1.68173926	1.01E-05	**
siR_106275	3.2259	0.8578	-1.9109885	3.26E-10	**
siR_106297	1.0989	0.634	-0.79350536	0.066742311	
siR_106329	2.0561	0.3729	-2.46304973	4.71E-09	**
siR_106339	1.0635	0.4475	-1.24886045	0.008857046	**
siR_106394	1.9143	1.3799	-0.47225322	0.12532649	
siR_106407	0.01	1.8274	7.51364865	4.92E-16	**
siR_106423	0.01	1.6036	7.32517051	3.67E-14	**

siR_106428	4.6439	3.6175	-0.36034389	0.061918472	
siR_106430	1.737	0.4102	-2.08219836	1.23E-06	**
siR_106433	1.2762	0.5221	-1.28945638	0.003202105	**
siR_106438	4.3249	1.6782	-1.36575212	1.02E-08	**
siR_106443	29.4589	11.4492	-1.36345677	9.41E-51	**
siR_106454	1.3471	0.4848	-1.47439535	0.000796247	**
siR_106460	1.737	0.5967	-1.54152007	7.89E-05	**
siR_106464	0.01	4.0277	8.65381242	1.88E-34	**
siR_106474	0.01	3.431	8.42248532	1.85E-29	**
siR_106475	0.01	1.902	7.57137344	1.17E-16	**
siR_106487	150.166	28.679	-2.38849158	0	**
siR_106490	10.7768	1.1934	-3.17477927	4.65E-54	**
siR_106531	1.0635	0.2238	-2.24853809	7.77E-05	**
siR_106532	10.9186	5.2211	-1.06436219	6.69E-14	**
siR_106533	1.2407	0.5967	-1.05607663	0.013149564	*
siR_106542	1.9143	0.7086	-1.43377357	8.42E-05	**
siR_106548	1.0989	0.5594	-0.97410795	0.02925074	
siR_106557	1.5952	0.9696	-0.71827571	0.041817619	
siR_106563	1.9852	0.634	-1.64672961	9.33E-06	**
siR_106568	2.3397	1.529	-0.61373515	0.031403936	
siR_106577	1.1344	0.1492	-2.92661	2.25E-06	**
siR_106588	1.3471	0.4848	-1.47439535	0.000796247	**
siR_106590	3.0487	1.1188	-1.44624203	5.38E-07	**
siR_106597	2.6233	1.4172	-0.88833943	0.001654224	
siR_106599	6.7709	3.9159	-0.79000369	4.41E-06	
siR_106603	1.3116	0.1492	-3.13600837	1.33E-07	**
siR_106621	2.8714	0.4848	-2.56629271	1.17E-12	**
siR_106623	1.5952	0.6713	-1.24870777	0.00126596	**
siR_106629	1.3116	0.3356	-1.96651319	5.19E-05	**
siR_106633	5.4593	0.7459	-2.87166185	1.35E-25	**
siR_106635	10.3514	2.2749	-2.18595087	5.58E-35	**
siR_106643	1.3825	0.3356	-2.04246486	2.03E-05	**
siR_106647	16.6969	3.3192	-2.3306728	7.81E-60	**
siR_106648	6.3101	1.2307	-2.35818374	6.95E-24	**
siR_106649	2.2688	0.5594	-2.01997728	4.96E-08	**
siR_106654	15.2435	2.4614	-2.63064316	9.45E-63	**
siR_106666	9.5715	1.3426	-2.83371549	3.41E-43	**
siR_106674	5.1757	2.536	-1.02919925	5.41E-07	**
siR_106678	3.4032	0.1865	-4.1896444	3.46E-22	**
siR_106679	1.737	0.1492	-3.54127831	1.20E-10	**
siR_106683	2.836	1.6409	-0.78937021	0.003088094	
siR_106689	1.0635	1.1188	0.07313213	0.842404071	
siR_106699	4.573	2.4241	-0.9156917	1.93E-05	
siR_106703	0.01	3.6921	8.52829782	1.21E-31	**
siR_106731	1.6661	0.1492	-3.48115555	3.94E-10	**
siR_106733	1.8079	0.5967	-1.5992372	3.50E-05	**
siR_106755	0.01	1.0442	6.70625425	1.77E-09	**

siR_106767	40.342	14.2836	-1.49792297	4.96E-79	**
siR_106771	560.1093	93.1974	-2.58734677	0	**
siR_106783	3.5095	1.1561	-1.60199931	6.55E-09	**
siR_106784	56.8617	8.1301	-2.80611223	8.13E-246	**
siR_106809	1.8434	1.8647	0.01657439	0.951365627	
siR_106823	1.3116	0.2984	-2.13600837	1.97E-05	**
siR_106854	1.2762	0.1865	-2.7746069	9.92E-07	**
siR_10686	0.01	1.2307	6.94333532	4.86E-11	**
siR_106866	1.2762	0.1865	-2.7746069	9.92E-07	**
siR_106903	10.635	6.7129	-0.66381198	7.56E-07	
siR_106922	2.127	0.3729	-2.51195933	1.67E-09	**
siR_106927	1.3116	0.4848	-1.4358662	0.001178471	**
siR_106946	1.3116	0.1119	-3.55104587	2.52E-08	**
siR_106963	2.127	0.2984	-2.83350059	1.22E-10	**
siR_106971	9.6778	10.666	0.1402682	0.250348493	
siR_106973	1.5598	0.9696	-0.68589945	0.053332237	
siR_106974	7.0545	6.8621	-0.03989368	0.788407459	
siR_106976	1.9852	1.902	-0.06176711	0.828340635	
siR_106977	1.5243	2.2749	0.57765626	0.043445592	
siR_107016	3.0841	1.0815	-1.51181588	1.88E-07	**
siR_107022	1.8434	0.7832	-1.23491649	0.000580844	**
siR_107026	3.7577	2.1258	-0.82184402	0.000413696	
siR_107031	2.4815	0.634	-1.96865771	2.00E-08	**
siR_107049	1.0989	0.6713	-0.71103056	0.095545863	
siR_107052	6.4873	2.0885	-1.63515101	1.01E-15	**
siR_107071	1.8788	0.6713	-1.48478195	6.40E-05	**
siR_107115	0.01	1.0815	6.75688986	8.62E-10	**
siR_107130	1.1698	0.5594	-1.06430974	0.015477614	*
siR_107133	2.3042	0.9696	-1.24880434	0.000101264	**
siR_107135	3.4741	0.5967	-2.5415616	6.84E-15	**
siR_107145	1.9143	2.1258	0.15118893	0.580827286	
siR_107148	5.672	4.2888	-0.40328349	0.021822993	
siR_107149	1.3471	1.2307	-0.13037782	0.709114022	
siR_107155	3.6513	3.2446	-0.17036958	0.419480187	
siR_10716	0.01	4.2142	8.71911497	5.16E-36	**
siR_107176	1.9143	0.1865	-3.3595694	3.64E-11	**
siR_107180	0.01	2.0139	7.65384824	1.35E-17	**
siR_107198	6.0619	3.5429	-0.77483931	1.95E-05	
siR_107205	2.0561	0.9323	-1.14104426	0.000635096	**
siR_107225	1.1344	0.3729	-1.60506874	0.001091833	**
siR_107228	5.2111	1.6409	-1.66710062	3.15E-13	**
siR_107229	2.3042	1.0069	-1.19434554	0.000174233	**
siR_107234	12.4784	3.0208	-2.04643039	1.31E-38	**
siR_107236	1.4534	0.2238	-2.69914987	2.49E-07	**
siR_107243	3.9704	1.0442	-1.9268863	2.21E-12	**
siR_107270	1.3116	0.1865	-2.81408027	5.73E-07	**
siR_107277	2.3751	0.9323	-1.34912209	2.78E-05	**

siR_107278	2. 5878	0. 5594	-2. 20977396	6. 74E-10	**
siR_107287	2. 7651	0. 634	-2. 12477691	4. 71E-10	**
siR_107290	64. 0581	16. 2974	-1. 97473918	2. 00E-182	**
siR_107291	1. 028	0. 1865	-2. 46259273	4. 21E-05	**
siR_107295	1. 2407	0. 3356	-1. 88633969	0. 000130463	**
siR_107298	1. 737	0. 5594	-1. 63464559	3. 81E-05	**
siR_107302	1. 2762	0. 3729	-1. 77499374	0. 000195629	**
siR_107309	10. 1387	2. 6479	-1. 93695214	1. 42E-29	**
siR_107316	3. 8995	0. 8205	-2. 24871391	1. 58E-14	**
siR_107317	10. 4577	0. 9323	-3. 48762751	5. 07E-57	**
siR_107326	0. 01	1. 0442	6. 70625425	1. 77E-09	**
siR_107334	1. 9143	0. 3356	-2. 51200232	1. 12E-08	**
siR_107335	3. 8286	1. 7901	-1. 09677676	5. 80E-06	**
siR_107337	0. 01	2. 1258	7. 73186206	1. 57E-18	**
siR_107341	4. 1831	1. 4172	-1. 56152912	4. 86E-10	**
siR_107369	2. 0561	1. 1561	-0. 83064424	0. 00863454	
siR_107404	1. 0635	0. 8578	-0. 31010681	0. 443941845	
siR_107406	3. 8995	4. 9228	0. 33618998	0. 070732359	
siR_107409	1. 4534	0. 7459	-0. 96237768	0. 012720128	
siR_107436	16. 9805	16. 2228	-0. 0658561	0. 491525524	
siR_107456	1. 9497	0. 4848	-2. 00779055	4. 97E-07	**
siR_107471	0. 01	2. 0512	7. 68032436	6. 59E-18	**
siR_107479	1. 1698	1. 9766	0. 75675905	0. 016942715	
siR_107481	0. 01	1. 2307	6. 94333532	4. 86E-11	**
siR_107498	7. 3736	3. 2819	-1. 16783788	3. 33E-11	**
siR_107502	165. 6222	47. 8853	-1. 79024132	0	**
siR_107506	5. 1048	1. 268	-2. 00929969	2. 55E-16	**
siR_107524	4. 1831	1. 2307	-1. 76509336	1. 12E-11	**
siR_107527	1. 6307	0. 634	-1. 36293665	0. 000487944	**
siR_107532	0. 8508	1. 7901	1. 07314824	0. 002307791	**
siR_107547	2. 127	0. 8205	-1. 37424479	5. 86E-05	**
siR_10755	0. 01	2. 0885	7. 70632333	3. 21E-18	**
siR_107581	3. 4032	0. 5594	-2. 60493978	5. 54E-15	**
siR_107608	1. 1698	0. 1865	-2. 64901436	5. 05E-06	**
siR_10762	1. 3825	0. 8951	-0. 62715871	0. 093219647	
siR_107632	0. 01	9. 9575	9. 95963976	4. 33E-84	**
siR_107633	0. 01	1. 1561	6. 85312238	2. 05E-10	**
siR_107656	4. 8212	1. 1934	-2. 0143146	1. 55E-15	**
siR_107658	2. 1979	0. 4102	-2. 42172635	1. 96E-09	**
siR_107669	2. 0915	1. 4918	-0. 48748387	0. 09876211	
siR_107702	1. 0635	0. 2984	-1. 83350059	0. 000528454	**
siR_107718	6. 7	2. 4241	-1. 46671188	4. 92E-14	**
siR_107720	0. 1418	1. 529	3. 43065897	1. 91E-09	**
siR_107726	0. 4254	1. 529	1. 84569647	2. 35E-05	**
siR_107736	1. 5952	0. 5221	-1. 61133925	9. 52E-05	**
siR_107743	1. 9497	0. 2984	-2. 70793271	1. 86E-09	**
siR_107744	8. 2598	0. 7086	-3. 54306348	6. 08E-46	**

siR_107745	0.01	1.268	6.98641094	2.37E-11	**
siR_107764	2.1979	1.1561	-0.92685956	0.002876534	
siR_107785	0.01	1.268	6.98641094	2.37E-11	**
siR_107788	1.1344	1.3053	0.20245198	0.566494718	
siR_107797	1.3116	0.4475	-1.55136822	0.000594069	**
siR_107805	1.7725	0.2984	-2.57046619	2.67E-08	**
siR_107808	15.598	2.6479	-2.55844051	2.97E-62	**
siR_107847	12.9747	2.0885	-2.63516213	9.42E-54	**
siR_107850	2.0206	0.1865	-3.43753622	6.27E-12	**
siR_107861	1.0635	0.4102	-1.37442064	0.004842593	**
siR_107868	1.028	0.1865	-2.46259273	4.21E-05	**
siR_107875	1.5243	0.9323	-0.7092807	0.049206351	
siR_107892	1.9497	1.1561	-0.75398596	0.018682205	
siR_107896	15.6334	2.2749	-2.78075654	3.30E-68	**
siR_107897	8.7207	1.529	-2.51185554	8.44E-35	**
siR_107905	1.6307	0.2238	-2.86520945	1.63E-08	**
siR_107931	0.0709	41.62	9.19727562	0	**
siR_107938	0.01	90.5495	13.14449096	0	**
siR_107939	0.01	1.6409	7.35834351	1.79E-14	**
siR_107940	0.01	1.4918	7.22091032	3.17E-13	**
siR_107942	0.01	7.6452	9.57841043	9.81E-65	**
siR_107943	0.01	2.163	7.75688986	7.63E-19	**
siR_107944	0.01	1.9766	7.62687714	2.78E-17	**
siR_107945	0.01	1.6409	7.35834351	1.79E-14	**
siR_107969	1.1698	0.1492	-2.97094245	1.28E-06	**
siR_10797	5.8492	1.9766	-1.56521837	1.56E-13	**
siR_107996	2.4815	0.5967	-2.05613477	7.78E-09	**
siR_108054	1.9143	0.4848	-1.98135534	7.91E-07	**
siR_10810	0.01	4.065	8.66711154	9.14E-35	**
siR_108105	2.1979	0.2611	-3.07345139	9.26E-12	**
siR_108107	12.2657	1.2307	-3.31707854	8.56E-64	**
siR_108108	1.3116	0.1492	-3.13600837	1.33E-07	**
siR_10812	18.6467	14.2463	-0.38833306	5.74E-05	
siR_108125	0.01	3.3192	8.37469175	1.60E-28	**
siR_108174	0.01	1.7528	7.45351758	2.07E-15	**
siR_108182	0.8153	1.8274	1.16438954	0.001007954	**
siR_108184	29.4235	17.3416	-0.76273186	1.39E-20	
siR_108187	2.5878	0.5594	-2.20977396	6.74E-10	**
siR_1082	1.2053	1.529	0.34319613	0.305714682	
siR_108206	1.6661	0.4848	-1.78101339	1.86E-05	**
siR_108213	18.1858	13.3512	-0.44584298	6.31E-06	
siR_108214	1.1344	1.3053	0.20245198	0.566494718	
siR_108264	1.8079	0.5221	-1.79191682	7.37E-06	**
siR_108293	1.1344	0.4102	-1.46753004	0.002218064	**
siR_108337	5.2466	2.2003	-1.25368256	3.43E-09	**
siR_108364	10.245	6.1908	-0.72672223	1.47E-07	
siR_108366	3.545	3.3192	-0.09495007	0.654066795	

siR_108370	1. 0989	1. 4545	0. 40446319	0. 244629409	
siR_108388	6. 2037	2. 9089	-1. 09265522	8. 24E-09	**
siR_10839	2. 9423	3. 0208	0. 03798632	0. 864606992	
siR_108395	1. 8434	0. 6713	-1. 45733961	9. 44E-05	**
siR_108408	19. 6393	9. 2489	-1. 08638981	1. 51E-24	**
siR_108415	0. 01	4. 3634	8. 76930892	2. 91E-37	**
siR_108417	3. 5804	0. 7086	-2. 3370774	5. 08E-14	**
siR_108426	8. 0471	3. 8786	-1. 05293296	1. 85E-10	**
siR_108428	1. 5952	0. 4475	-1. 83377773	1. 94E-05	**
siR_108438	2. 4106	0. 3356	-2. 84457766	6. 21E-12	**
siR_108463	2. 4106	1. 5663	-0. 62203171	0. 027029908	
siR_108465	2. 9423	1. 1561	-1. 34767816	3. 05E-06	**
siR_108467	1. 3471	0. 634	-1. 08730221	0. 008088456	**
siR_108480	2. 7296	1. 529	-0. 83610115	0. 002296406	
siR_10849	0. 01	5. 6314	9. 13734982	7. 07E-48	**
siR_108494	2. 0206	0. 2611	-2. 95210939	1. 53E-10	**
siR_108507	6. 2392	2. 7597	-1. 17684961	8. 55E-10	**
siR_108511	9. 217	0. 6713	-3. 7792677	9. 00E-54	**
siR_108529	1. 5243	0. 2611	-2. 54547251	3. 07E-07	**
siR_108593	1. 5243	0. 4102	-1. 89374747	2. 00E-05	**
siR_108598	14. 1091	5. 6687	-1. 31553614	6. 64E-24	**
siR_108599	1. 2053	0. 3729	-1. 69253158	0. 000467353	**
siR_108600	2. 3751	0. 2984	-2. 99266882	2. 53E-12	**
siR_108601	1. 1698	0. 2611	-2. 16358753	5. 01E-05	**
siR_108605	1. 8434	1. 1188	-0. 720417	0. 02804556	
siR_10862	4. 3958	1. 3799	-1. 67156203	2. 06E-11	**
siR_10863	1. 5598	0. 2984	-2. 38604162	6. 01E-07	**
siR_108642	2. 0561	0. 4102	-2. 32551104	1. 49E-08	**
siR_108651	1. 5243	1. 3799	-0. 14358315	0. 661720724	
siR_108659	1. 1344	0. 2984	-1. 92661	0. 000211792	**
siR_108670	2. 9778	1. 1561	-1. 36498067	2. 12E-06	**
siR_108732	75. 473	43. 2982	-0. 80165357	1. 45E-54	
siR_108739	0. 6735	1. 3053	0. 95463157	0. 018405953	
siR_108750	8. 0471	7. 1977	-0. 16093299	0. 255323864	
siR_108753	11. 0604	5. 072	-1. 12477691	3. 09E-15	**
siR_108773	1. 4534	0. 5967	-1. 28435413	0. 001680536	**
siR_108776	5. 282	2. 2749	-1. 21528117	7. 18E-09	**
siR_1088	0. 01	8. 5776	9. 74443023	1. 54E-72	**
siR_10880	5. 282	3. 7294	-0. 50214076	0. 006763845	
siR_108809	1. 1698	0. 0746	-3. 97094245	4. 33E-08	**
siR_10881	2. 0561	0. 7459	-1. 4628563	3. 48E-05	**
siR_108818	30. 3452	22. 6747	-0. 42038487	3. 26E-08	
siR_108823	7. 4445	0. 5594	-3. 7342228	2. 61E-43	**
siR_108824	71. 2899	8. 6149	-3. 04879174	0	**
siR_108893	1. 5243	0. 3356	-2. 18333225	2. 95E-06	**
siR_10890	1. 0635	0. 5967	-0. 83374235	0. 060029399	
siR_108907	2. 0561	0. 5967	-1. 78483275	1. 81E-06	**

siR_108918	2.127	0.5594	-1.92686787	3.13E-07	**
siR_108927	3.2259	1.4545	-1.14917842	1.58E-05	**
siR_108933	1.8079	0.7459	-1.27726075	0.000470054	**
siR_108937	2.3751	0.5967	-1.99291058	3.15E-08	**
siR_108946	3.9349	2.9089	-0.43585327	0.040346039	
siR_10895	1.1344	0.2238	-2.3416475	2.83E-05	**
siR_108974	1.2407	0.3729	-1.73429361	0.000303178	**
siR_10898	5.7429	1.6782	-1.77486478	1.27E-15	**
siR_10899	1.0989	0.0746	-3.88074067	1.47E-07	**
siR_109009	1.2053	0.7086	-0.76634891	0.062096306	
siR_109010	1.0989	0.2611	-2.07338574	0.000132441	**
siR_10902	1.2053	0.1865	-2.69214474	2.94E-06	**
siR_109028	27.97	15.6261	-0.8399225	6.70E-23	
siR_109078	1.2407	0.4102	-1.59675492	0.000655154	**
siR_109102	4.0058	2.9835	-0.42508462	0.043236583	
siR_109104	0.01	1.4172	7.14689956	1.34E-12	**
siR_10915	0.01	2.7225	8.08878824	1.58E-23	**
siR_109157	2.446	0.8578	-1.51171118	3.61E-06	**
siR_109185	1.9497	1.2307	-0.66377303	0.035430769	
siR_109215	8.1889	1.6036	-2.35235535	1.81E-30	**
siR_109222	0.01	1.268	6.98641094	2.37E-11	**
siR_109225	0.01	1.0442	6.70625425	1.77E-09	**
siR_109238	0.01	6.34	9.30833903	8.28E-54	**
siR_109242	0.01	1.4918	7.22091032	3.17E-13	**
siR_109245	0.01	2.1258	7.73186206	1.57E-18	**
siR_109252	109.3986	42.7388	-1.35597597	5.67E-182	**
siR_109253	1.6661	0.6713	-1.31144545	0.00061799	**
siR_109263	2.6233	0.1865	-3.81413527	2.45E-16	**
siR_10927	3.864	2.6106	-0.56571367	0.009937994	
siR_109280	2.2333	0.4475	-2.31921747	3.70E-09	**
siR_109284	3.3677	0.7832	-2.10431096	7.84E-12	**
siR_109289	32.3304	33.6391	0.05724775	0.397838477	
siR_109293	22.6525	21.8915	-0.04929947	0.550768774	
siR_109299	19.9938	26.2922	0.39508217	1.15E-06	
siR_10930	1.3825	0.1865	-2.89003194	1.90E-07	**
siR_109301	4.1831	5.5941	0.41933356	0.017856414	
siR_109302	0.6381	2.0885	1.7106127	2.58E-06	**
siR_109323	11.1667	4.1769	-1.41869839	2.15E-21	**
siR_109331	3.3677	2.0139	-0.74177158	0.002226115	
siR_109333	1.5243	1.3799	-0.14358315	0.661720724	
siR_109342	6.5937	3.6548	-0.85129579	1.37E-06	
siR_109348	1.1344	0.2611	-2.11925507	8.17E-05	**
siR_109355	1.7016	0.3356	-2.34207732	2.45E-07	**
siR_109356	1.2053	0.1119	-3.42911034	1.49E-07	**
siR_109384	1.3471	0.634	-1.08730221	0.008088456	**
siR_109392	1.3116	1.8274	0.47846465	0.127465492	
siR_1094	3.0132	2.0512	-0.55482827	0.025461424	

siR_109403	0. 01	4. 699	8. 87620996	4. 51E-40	**
siR_109408	0. 01	2. 2003	7. 78155643	3. 72E-19	**
siR_109417	0. 01	1. 0069	6. 6537766	3. 63E-09	**
siR_109418	0. 01	48. 6685	12. 2487726	0	**
siR_109423	0. 01	4. 3634	8. 76930892	2. 91E-37	**
siR_109424	0. 01	1. 0442	6. 70625425	1. 77E-09	**
siR_109429	0. 01	13. 4258	10. 39079234	4. 02E-113	**
siR_109461	1. 2407	0. 8951	-0. 47103354	0. 220381215	
siR_109480	2. 1624	0. 9323	-1. 21376724	0. 000232275	**
siR_109494	2. 8005	1. 1561	-1. 27641824	1. 27E-05	**
siR_109516	1. 2762	0. 1119	-3. 5115725	4. 57E-08	**
siR_109527	1. 1344	0. 2238	-2. 3416475	2. 83E-05	**
siR_109532	1. 5952	0. 2611	-2. 61106295	1. 07E-07	**
siR_109545	7. 5508	2. 0139	-1. 90663746	5. 58E-22	**
siR_109563	1. 2762	0. 1492	-3. 096535	2. 35E-07	**
siR_109611	1. 9143	1. 6409	-0. 22232962	0. 451801385	
siR_109614	0. 01	9. 5099	9. 89328636	2. 41E-80	**
siR_109620	0. 01	15. 1786	10. 56782301	8. 54E-128	**
siR_109636	1. 028	0. 3356	-1. 61502564	0. 001825058	**
siR_109647	1. 418	0. 7832	-0. 85640486	0. 025717571	
siR_109650	1. 2407	0. 6713	-0. 88612477	0. 0320329	
siR_109652	1. 1344	0. 5594	-1. 01997728	0. 02136103	*
siR_10967	1. 0989	0. 7832	-0. 48860744	0. 233779461	
siR_109682	1. 0989	0. 2984	-1. 88074067	0. 000335467	**
siR_109689	6. 2746	2. 3868	-1. 39444581	2. 25E-12	**
siR_109695	24. 2832	1. 4172	-4. 09884328	8. 66E-148	**
siR_109707	0. 01	1. 1561	6. 85312238	2. 05E-10	**
siR_109710	1. 1698	0. 7459	-0. 64920776	0. 112106036	
siR_10972	3. 9704	2. 797	-0. 50540411	0. 018308291	
siR_109724	0. 01	2. 8343	8. 14684866	1. 83E-24	**
siR_10974	2. 0206	1. 4918	-0. 43772962	0. 141770285	
siR_109744	1. 5598	0. 5221	-1. 57896299	0. 000143572	**
siR_109765	29. 5653	12. 6053	-1. 22987446	1. 14E-43	**
siR_109785	1. 028	0. 1865	-2. 46259273	4. 21E-05	**
siR_10980	9. 6778	4. 4753	-1. 11269473	2. 63E-13	**
siR_109805	1. 3116	0. 5967	-1. 13625012	0. 006797934	**
siR_109819	2. 1979	2. 0139	-0. 1261337	0. 642153565	
siR_109824	5. 9201	3. 3564	-0. 81870689	9. 66E-06	
siR_109836	1. 1698	0. 2238	-2. 38597995	1. 70E-05	**
siR_109842	25. 9848	2. 4987	-3. 37841835	1. 59E-135	**
siR_109843	2. 6233	0. 4102	-2. 67698341	3. 66E-12	**
siR_109845	11. 344	2. 6106	-2. 11947611	8. 64E-37	**
siR_109854	25. 7721	26. 6651	0. 04914264	0. 517432753	
siR_109858	41. 8664	42. 1794	0. 0107457	0. 857417651	
siR_109865	0. 01	45. 1629	12. 14092241	0	**
siR_109871	0. 01	33. 6018	11. 7143228	5. 18E-282	**
siR_109888	0. 01	1. 9766	7. 62687714	2. 78E-17	**

siR_1099	0.01	2.3495	7.87620996	2.10E-20	**
siR_109907	1.9497	0.3356	-2.53843753	6.67E-09	**
siR_109916	0.01	1.6782	7.39077085	8.72E-15	**
siR_109919	0.01	5.8924	9.20271156	4.62E-50	**
siR_109935	30.3806	9.2116	-1.72162669	6.90E-73	**
siR_109949	0.7444	1.0815	0.5388837	0.192821699	
siR_10995	0.01	4.3261	8.7569232	5.97E-37	**
siR_109950	3.0841	1.0815	-1.51181588	1.88E-07	**
siR_10996	0.01	2.4987	7.96503389	1.18E-21	**
siR_109968	0.01	2.797	8.12773644	3.76E-24	**
siR_10997	0.01	1.7528	7.45351758	2.07E-15	**
siR_109974	0.01	1.3426	7.06888574	5.63E-12	**
siR_109980	1.3471	1.0069	-0.41993654	0.250464973	
siR_110052	5.991	2.1258	-1.49479096	5.08E-13	**
siR_110085	2.1979	0.8205	-1.42155051	2.77E-05	**
siR_110087	3.3323	1.1934	-1.48144061	9.41E-08	**
siR_1101	4.9984	3.804	-0.39394911	0.035223077	
siR_11010	2.9069	1.1188	-1.37752928	2.40E-06	**
siR_110135	2.3751	1.2307	-0.94850913	0.00157346	
siR_110165	0.01	2.8343	8.14684866	1.83E-24	**
siR_110169	1.9852	0.5594	-1.8273322	1.89E-06	**
siR_110184	0.01	6.5637	9.35836549	1.11E-55	**
siR_11020	4.8566	1.268	-1.93739192	6.19E-15	**
siR_110230	2.1624	1.5663	-0.46527285	0.107729716	
siR_110274	6.4519	2.1258	-1.60171821	3.13E-15	**
siR_110314	1.5952	0.2611	-2.61106295	1.07E-07	**
siR_110367	1.2053	0.2984	-2.01407284	8.31E-05	**
siR_110389	78.1317	33.1915	-1.23509418	3.32E-113	**
siR_110392	2.5169	0.9323	-1.43278173	6.28E-06	**
siR_110396	3.5095	1.268	-1.46871076	5.19E-08	**
siR_110401	9.536	3.3564	-1.50646958	4.48E-20	**
siR_110406	5.4947	1.4918	-1.88098658	4.01E-16	**
siR_110414	2.7296	2.2003	-0.31098931	0.214107382	
siR_110420	17.8313	9.137	-0.96461943	9.83E-19	
siR_110431	5.0339	0.9696	-2.37621495	1.66E-19	**
siR_110432	3.5804	0.7832	-2.1926681	4.42E-13	**
siR_110437	31.515	10.3677	-1.60394278	1.80E-68	**
siR_110438	2.9778	2.2003	-0.43654662	0.074501109	
siR_110441	4.6085	1.0442	-2.14189919	5.18E-16	**
siR_110448	2.8714	0.7086	-2.01871095	8.05E-10	**
siR_110476	24.4959	5.0347	-2.28256258	7.40E-85	**
siR_110487	3.0841	0.1492	-4.3695301	9.67E-21	**
siR_11049	3.4386	2.797	-0.29794105	0.180023111	
siR_110494	1.418	0.0746	-4.24853809	5.72E-10	**
siR_110564	96.3884	40.6876	-1.24427035	8.29E-141	**
siR_110565	15.5625	6.0043	-1.37400587	6.75E-28	**
siR_110566	4.9275	2.3868	-1.04577819	7.31E-07	**

siR_110567	159.8793	40.9487	-1.9650936	0	**
siR_110568	3.7222	0.8578	-2.11744235	4.99E-13	**
siR_110573	8.6498	4.1396	-1.0631754	2.72E-11	**
siR_110589	1.8079	0.7832	-1.20686221	0.000820802	**
siR_110610	0.01	9.7337	9.9268445	3.23E-82	**
siR_110611	0.01	1.0069	6.6537766	3.63E-09	**
siR_11062	1.5952	0.3729	-2.09687661	3.09E-06	**
siR_110622	1.3825	0.634	-1.12472473	0.005814363	**
siR_110633	0.709	1.0069	0.50606288	0.235363115	
siR_110635	1.1698	0.8578	-0.44754867	0.256675186	
siR_110637	1.5243	2.2749	0.57765626	0.043445592	
siR_110638	2.5169	3.2446	0.36639273	0.112000953	
siR_110657	1.3825	0.5967	-1.2122018	0.003421985	**
siR_110664	0.01	1.7901	7.48389637	1.01E-15	**
siR_110705	0.01	38.6364	11.91574496	0	**
siR_110713	0.01	115.6483	13.49745644	0	**
siR_110714	0.01	2.7225	8.08878824	1.58E-23	**
siR_110722	0.01	48.5566	12.24545169	0	**
siR_110723	0.01	2.6479	8.04870483	6.67E-23	**
siR_110731	0.01	32.4457	11.66381158	2.47E-272	**
siR_11075	3.9704	3.0208	-0.39435369	0.060547344	
siR_11077	1.5598	1.4918	-0.06430692	0.842144431	
siR_11079	6.4164	4.6244	-0.47249789	0.004731887	
siR_110791	5.8138	2.2003	-1.4017812	1.20E-11	**
siR_110793	9.7487	3.6921	-1.40076822	1.54E-18	**
siR_11085	0.01	1.6782	7.39077085	8.72E-15	**
siR_11088	1.5952	1.1934	-0.41865963	0.21138519	
siR_110884	2.4106	0.634	-1.92683753	4.98E-08	**
siR_11089	3.0132	1.1561	-1.38203024	1.47E-06	**
siR_110982	12.4075	2.3495	-2.40078678	1.96E-46	**
siR_110985	58.7406	3.431	-4.09765697	0	**
siR_110986	3.0841	0.5221	-2.56245148	1.77E-13	**
siR_110987	5.0693	0.4475	-3.50182696	1.82E-28	**
siR_110988	1.2407	0.0746	-4.05583487	1.27E-08	**
siR_110994	1.3116	0.7459	-0.81427367	0.04007629	
siR_110999	1.8434	0.8951	-1.04224838	0.002666955	**
siR_111000	1.5952	0.2984	-2.41841787	3.60E-07	**
siR_111002	1.4534	0.4102	-1.82503241	4.93E-05	**
siR_111005	5.1757	1.0069	-2.36183359	6.98E-20	**
siR_111012	1.3825	0.2238	-2.62699754	7.30E-07	**
siR_111027	5.5302	4.065	-0.4440763	0.013294078	
siR_111030	2.446	2.1258	-0.20241853	0.436028381	
siR_111036	1.7725	0.4475	-1.98582604	1.99E-06	**
siR_111042	14.0382	11.8967	-0.23879652	0.027646186	
siR_11106	19.5684	3.431	-2.51182477	4.25E-76	**
siR_111064	0.5672	1.3799	1.28263428	0.002097694	**
siR_111071	13.5419	3.5056	-1.94969688	2.69E-39	**

siR_111088	0.01	1.268	6.98641094	2.37E-11	**
siR_111109	0.01	2.0512	7.68032436	6.59E-18	**
siR_111128	1.8788	0.3729	-2.3329508	6.03E-08	**
siR_111130	6.4164	1.5663	-2.03440352	1.90E-20	**
siR_111155	0.01	1.0069	6.6537766	3.63E-09	**
siR_111158	175.5836	54.4118	-1.69016664	0	**
siR_111171	1.5952	0.2984	-2.41841787	3.60E-07	**
siR_111177	0.01	3.9159	8.61320011	1.62E-33	**
siR_11118	0.01	1.7528	7.45351758	2.07E-15	**
siR_111180	0.01	3.7667	8.55715732	2.87E-32	**
siR_111196	1.028	0.8951	-0.19971949	0.622135026	
siR_111197	2.3042	1.529	-0.59167754	0.038771935	
siR_111199	0.9571	1.3053	0.44763985	0.226390695	
siR_111201	3.6868	0.7459	-2.30531502	3.47E-14	**
siR_11121	57.1099	31.3268	-0.86634345	2.21E-47	
siR_111211	0.01	6.1162	9.25649177	6.18E-52	**
siR_111214	0.01	1.6036	7.32517051	3.67E-14	**
siR_11122	1.6661	0.9696	-0.78101339	0.025220231	
siR_111221	0.01	6.34	9.30833903	8.28E-54	**
siR_111234	16.5197	4.8855	-1.75760936	1.52E-41	**
siR_111239	13.4001	3.3564	-1.9972572	4.19E-40	**
siR_111248	2.7651	0.2984	-3.21201222	4.96E-15	**
siR_111250	12.4784	4.5871	-1.4437787	2.58E-24	**
siR_111252	1.2762	0.2611	-2.28918008	1.13E-05	**
siR_111256	0.01	4.7363	8.88761665	2.20E-40	**
siR_111263	1.7016	0.2238	-2.92661	5.36E-09	**
siR_111264	0.01	1.5663	7.29121675	7.54E-14	**
siR_111281	1.0635	0.2238	-2.24853809	7.77E-05	**
siR_111282	6.3455	2.163	-1.55270018	2.08E-14	**
siR_111283	1.0989	0.1119	-3.29577817	8.66E-07	**
siR_111285	37.8251	5.967	-2.66426621	2.68E-155	**
siR_11129	1.418	1.4918	0.0731966	0.81896673	
siR_111292	338.9725	44.0813	-2.94292956	0	**
siR_111294	1.0635	0.1865	-2.5115725	2.49E-05	**
siR_111300	0.01	9.7337	9.9268445	3.23E-82	**
siR_111307	0.01	1.0815	6.75688986	8.62E-10	**
siR_111314	2.3397	0.5967	-1.97124588	5.00E-08	**
siR_111344	0.5317	1.0442	0.97371369	0.032467048	
siR_11135	1.2407	0.5594	-1.14920216	0.007946935	**
siR_111352	1.1698	0.8578	-0.44754867	0.256675186	
siR_111356	0.01	1.3799	7.10841991	2.74E-12	**
siR_111357	0.01	4.6617	8.86471235	9.25E-40	**
siR_111366	1.8434	1.0442	-0.81997109	0.014012732	
siR_1114	3.6159	1.3426	-1.42932523	6.09E-08	**
siR_111403	0.01	1.4918	7.22091032	3.17E-13	**
siR_111404	27.4028	7.0112	-1.96659002	1.13E-78	**
siR_111415	2.0915	1.4545	-0.5240147	0.077839011	

siR_111425	2.6587	0.4102	-2.6963216	2.15E-12	**
siR_11145	0.01	101.0664	13.30301583	0	**
siR_111450	1.0989	0.1119	-3.29577817	8.66E-07	**
siR_111470	3.1905	1.4918	-1.0967284	3.55E-05	**
siR_111475	3.5095	1.3053	-1.42688408	9.92E-08	**
siR_111476	93.127	14.6565	-2.66765888	0	**
siR_111500	1.3116	0.7086	-0.88828444	0.027066419	
siR_111501	1.028	0.4475	-1.19988068	0.012673013	*
siR_111522	0.01	3.0581	8.25649177	2.46E-26	**
siR_111523	0.01	2.9089	8.18432989	4.35E-25	**
siR_111542	1.3471	0.4102	-1.71545755	0.000183816	**
siR_111556	0.709	1.8274	1.36593493	0.000195651	**
siR_111559	27.7219	6.6383	-2.06214041	1.53E-84	**
siR_111560	2.1979	1.1188	-0.97417359	0.00189078	
siR_111561	3.6868	0.7832	-2.23491649	1.03E-13	**
siR_111595	0.7444	2.5733	1.7894697	6.90E-08	**
siR_111597	1.028	1.0815	0.0731934	0.844954568	
siR_1116	5.9201	0.8951	-2.72550077	3.07E-26	**
siR_111601	3.4032	1.4918	-1.18983781	5.12E-06	**
siR_111604	2.6587	0.8951	-1.57060022	6.70E-07	**
siR_111617	1.3471	0.5594	-1.26790479	0.002777337	**
siR_111625	4.963	0.8205	-2.59663722	3.72E-21	**
siR_111627	2.3042	0.9696	-1.24880434	0.000101264	**
siR_111640	1.737	1.529	-0.18400935	0.551122187	
siR_111675	0.01	1.1934	6.89893387	9.98E-11	**
siR_111676	0.01	1.1561	6.85312238	2.05E-10	**
siR_111702	12.3366	1.8647	-2.72592939	4.68E-53	**
siR_111713	0.01	1.4172	7.14689956	1.34E-12	**
siR_111718	9.217	4.4007	-1.06656423	5.39E-12	**
siR_111720	62.6046	28.3806	-1.14136358	1.38E-80	**
siR_111721	1.5243	0.5594	-1.44619471	0.000426884	**
siR_111756	0.01	13.5377	10.40276694	4.65E-114	**
siR_111757	0.01	1.5663	7.29121675	7.54E-14	**
siR_111764	0.01	2.8716	8.16571099	8.93E-25	**
siR_111771	6.0974	2.2749	-1.42239106	2.19E-12	**
siR_111774	2.1624	0.1865	-3.53538588	5.92E-13	**
siR_111779	1.0635	0.2611	-2.02614567	0.000213675	**
siR_111797	114.5388	51.5028	-1.15311362	3.09E-148	**
siR_11181	1.737	0.3729	-2.21973705	4.42E-07	**
siR_111823	2.5878	0.8578	-1.5930129	7.32E-07	**
siR_111833	0.01	4.7736	8.89893387	1.07E-40	**
siR_111836	1.0635	0.2611	-2.02614567	0.000213675	**
siR_11184	23.9287	2.6479	-3.17582148	4.20E-118	**
siR_111882	1.9143	0.7832	-1.28936427	0.000286776	**
siR_111886	4.1476	1.6036	-1.37096244	1.86E-08	**
siR_111910	0.01	5.6687	9.14687411	3.45E-48	**
siR_111913	0.01	12.2697	10.26088426	1.91E-103	**

siR_111918	0.01	4.6244	8.85312238	1.90E-39	**
siR_11192	5.4593	2.1258	-1.36071011	1.34E-10	**
siR_111928	0.01	2.7225	8.08878824	1.58E-23	**
siR_111937	2.9423	0.7086	-2.05390098	3.17E-10	**
siR_111964	9.1106	2.2749	-2.00174294	7.58E-28	**
siR_111976	6.1328	0.634	-3.27399116	2.89E-32	**
siR_111980	1.418	0.4102	-1.78945814	7.68E-05	**
siR_111987	3.3677	1.3053	-1.3673822	4.35E-07	**
siR_112000	0.01	1.268	6.98641094	2.37E-11	**
siR_112005	36.6907	12.0459	-1.60687224	1.26E-79	**
siR_112015	2.7651	1.0442	-1.40493359	3.04E-06	**
siR_112044	1.418	0.5967	-1.24877985	0.002405224	**
siR_11206	1.3116	0.7832	-0.74387514	0.057586901	
siR_112062	8.8979	4.9228	-0.85398576	1.81E-08	
siR_112078	0.01	4.1769	8.70628879	1.06E-35	**
siR_112088	3.545	0.2984	-3.57046619	1.30E-20	**
siR_1121	18.7885	5.2584	-1.8371541	7.16E-50	**
siR_112140	2.127	0.4848	-2.13335843	4.66E-08	**
siR_112170	0.01	1.4172	7.14689956	1.34E-12	**
siR_112194	1.6307	0.5221	-1.64309333	6.28E-05	**
siR_112210	1.5598	0.2611	-2.57868669	1.81E-07	**
siR_112230	1.2762	1.6036	0.32945988	0.31265992	
siR_112231	1.3471	0.7832	-0.78240428	0.044337712	
siR_112268	2.6587	0.5967	-2.15564331	7.20E-10	**
siR_112277	0.01	10.9644	10.09861115	1.61E-92	**
siR_112278	0.01	1.0815	6.75688986	8.62E-10	**
siR_112303	3.7577	0.6713	-2.48482034	1.25E-15	**
siR_112313	3.0487	2.6106	-0.22381277	0.337287263	
siR_112316	0.01	1.0069	6.6537766	3.63E-09	**
siR_112320	4.573	0.2238	-4.35285898	4.21E-30	**
siR_11233	2.446	1.7155	-0.51179528	0.061706105	
siR_112360	1.3471	0.6713	-1.0048274	0.013015658	*
siR_112365	0.01	1.4918	7.22091032	3.17E-13	**
siR_112369	0.01	4.5126	8.81781509	1.64E-38	**
siR_112372	0.01	6.5264	9.3501436	2.28E-55	**
siR_112383	1.4889	0.3729	-1.99738616	1.28E-05	**
siR_112386	7.7281	4.5871	-0.7525314	2.55E-06	
siR_112390	0.01	2.3495	7.87620996	2.10E-20	**
siR_112428	1.2053	0.4475	-1.42943269	0.001965568	**
siR_112434	2.836	1.4172	-1.00081416	0.000300085	**
siR_11248	16.4488	13.0156	-0.33774052	0.000916509	
siR_112504	3.6513	1.0442	-1.80601215	1.19E-10	**
siR_112540	1.7725	0.5221	-1.76338756	1.14E-05	**
siR_112586	1.0635	0.2984	-1.83350059	0.000528454	**
siR_112614	1.4889	0.4475	-1.73428727	7.26E-05	**
siR_112646	0.01	1.9766	7.62687714	2.78E-17	**
siR_11267	0.01	4.8109	8.910163	5.22E-41	**

siR_112683	3.7931	2.3495	-0.69102364	0.002272171	
siR_112745	1.2407	0.4102	-1.59675492	0.000655154	**
siR_112752	1.2053	0.8578	-0.49067906	0.210074901	
siR_11281	2.5169	0.2984	-3.07632846	2.67E-13	**
siR_11282	56.6136	10.8525	-2.38312124	5.94E-204	**
siR_11284	0.01	2.9089	8.18432989	4.35E-25	**
siR_11285	0.8862	1.6036	0.85561009	0.016982452	
siR_112853	0.01	15.1413	10.56427336	1.75E-127	**
siR_112854	0.01	3.5429	8.46878694	2.15E-30	**
siR_112855	0.01	2.8716	8.16571099	8.93E-25	**
siR_112857	0.01	7.6452	9.57841043	9.81E-65	**
siR_112858	0.01	5.4822	9.09861115	1.25E-46	**
siR_112859	0.01	2.163	7.75688986	7.63E-19	**
siR_11286	0.01	11.5238	10.17040081	3.35E-97	**
siR_112860	0.01	1.1188	6.80580835	4.20E-10	**
siR_112872	1.3825	0.4848	-1.51181788	0.000534972	**
siR_112884	7.9408	2.2003	-1.85158412	3.32E-22	**
siR_11291	0.01	1.3053	7.02823761	1.15E-11	**
siR_11293	0.01	4.1396	8.69334756	2.17E-35	**
siR_112943	0.01	1.6409	7.35834351	1.79E-14	**
siR_112952	1.2762	1.3426	0.07317511	0.827934456	
siR_112960	0.01	1.8274	7.51364865	4.92E-16	**
siR_112969	2.6587	4.2142	0.66453779	0.001806909	
siR_11300	1.028	0.6713	-0.61481072	0.156712209	
siR_113024	0.01	1.4545	7.18437949	6.51E-13	**
siR_11303	0.01	3.8413	8.58545083	6.83E-33	**
siR_113049	1.7725	1.1934	-0.57070795	0.079955194	
siR_113056	2.9778	1.3053	-1.18986544	2.03E-05	**
siR_11308	0.01	1.3053	7.02823761	1.15E-11	**
siR_113089	2.3042	1.6409	-0.48977862	0.081630348	
siR_113091	3.545	2.6106	-0.4414042	0.049074477	
siR_113105	2.2333	1.7155	-0.38054794	0.174778949	
siR_113106	0.709	1.0069	0.50606288	0.235363115	
siR_113160	12.5138	8.3165	-0.58947155	1.38E-06	
siR_11318	4.5021	2.1258	-1.08259223	1.13E-06	**
siR_113192	2.4106	0.8951	-1.42927151	1.03E-05	**
siR_1132	1.8434	0.5594	-1.720417	1.08E-05	**
siR_11320	1.0635	0.3356	-1.66400541	0.001193189	**
siR_113221	0.01	1.7901	7.48389637	1.01E-15	**
siR_113227	0.01	2.4614	7.94333532	2.43E-21	**
siR_11323	58.1379	15.7007	-1.88865008	2.78E-156	**
siR_113243	1.2407	0.3356	-1.88633969	0.000130463	**
siR_113252	5.8492	1.6782	-1.80132466	3.52E-16	**
siR_113272	2.8005	0.8205	-1.77110919	2.76E-08	**
siR_11328	1.7016	0.2611	-2.70421758	2.14E-08	**
siR_113292	0.01	2.2003	7.78155643	3.72E-19	**
siR_1133	1.4889	0.3729	-1.99738616	1.28E-05	**

siR_113320	1.1344	0.2238	-2.3416475	2.83E-05	**
siR_113351	9.1815	22.712	1.30665298	2.12E-37	**
siR_113355	265.1657	83.6128	-1.66509845	0	**
siR_113356	1.9852	1.4172	-0.48624099	0.108760477	
siR_113357	1.5243	0.4475	-1.76818728	4.70E-05	**
siR_113358	1.028	0.2984	-1.78452082	0.000827671	**
siR_113361	27.6155	20.2506	-0.44751359	2.33E-08	
siR_113365	0.01	8.6149	9.75069024	7.50E-73	**
siR_113370	0.01	1.8274	7.51364865	4.92E-16	**
siR_113415	4.963	49.6381	3.32216353	2.05E-257	**
siR_113419	44.0643	89.8782	1.02836094	7.14E-98	**
siR_11342	3.8995	3.7667	-0.04998802	0.803754105	
siR_113424	26.8002	35.4292	0.40269512	9.08E-09	
siR_11343	1.5952	1.9766	0.30928363	0.290705553	
siR_113465	2.2333	0.5221	-2.096779	3.01E-08	**
siR_113473	4.5021	1.529	-1.5580097	1.13E-10	**
siR_113485	82.492	11.2255	-2.87747451	0	**
siR_113486	4.1476	0.5221	-2.9898787	1.53E-20	**
siR_113489	7.9408	1.6036	-2.30797004	5.88E-29	**
siR_1135	1.9852	0.634	-1.64672961	9.33E-06	**
siR_113502	0.01	2.0139	7.65384824	1.35E-17	**
siR_113516	1.418	0.7459	-0.9268034	0.017122488	
siR_113517	0.01	6.8621	9.42250634	3.53E-58	**
siR_113518	0.01	1.7528	7.45351758	2.07E-15	**
siR_113520	4.4667	0.9323	-2.26034319	1.56E-16	**
siR_113531	1.3825	1.4172	0.03576389	0.911214118	
siR_113534	15.1371	7.1977	-1.07248096	6.55E-19	**
siR_113540	19.8165	5.3703	-1.88362759	2.93E-54	**
siR_113542	1.6307	0.2238	-2.86520945	1.63E-08	**
siR_113552	0.01	181.5092	14.14775505	0	**
siR_113586	1.4889	0.2611	-2.5115725	5.19E-07	**
siR_113621	0.01	1.5663	7.29121675	7.54E-14	**
siR_113640	1.3825	1.7528	0.34238191	0.273740962	
siR_113641	0.8508	1.0442	0.29550613	0.462829197	
siR_113657	2.3751	1.7155	-0.46935913	0.089020367	
siR_11366	1.9852	1.1934	-0.73420668	0.020388005	
siR_113662	0.01	5.333	9.05880352	2.22E-45	**
siR_11369	4.7148	2.2003	-1.09949633	4.53E-07	**
siR_113700	0.01	4.3261	8.7569232	5.97E-37	**
siR_11371	1.0635	0.8578	-0.31010681	0.443941845	
siR_113753	0.01	1.7901	7.48389637	1.01E-15	**
siR_113762	2.3397	0.8951	-1.38620278	2.18E-05	**
siR_113774	0.6026	1.0442	0.79312549	0.072046648	
siR_113788	4.9984	0.2984	-4.06614692	2.23E-31	**
siR_113789	1.2053	0.0746	-4.01407284	2.34E-08	**
siR_113833	1.9143	1.6409	-0.22232962	0.451801385	
siR_113835	2.7651	2.0512	-0.43086349	0.08962463	

siR_113837	2.1624	2.9462	0.44622195	0.069021205	
siR_113850	0.6381	3.3937	2.4110046	5.55E-14	**
siR_113856	43.9579	18.6842	-1.23430367	1.96E-64	**
siR_113870	1.6307	1.7155	0.07313773	0.806344282	
siR_113873	13.6128	3.8786	-1.81135594	6.45E-36	**
siR_113897	1.6307	0.5594	-1.54353923	0.00013028	**
siR_113898	2.3042	0.634	-1.8617112	1.92E-07	**
siR_113918	2.6233	2.4987	-0.0702051	0.775910255	
siR_11392	8.4725	3.431	-1.30415861	8.92E-15	**
siR_113920	3.2968	1.6782	-0.97415171	0.000136228	
siR_113923	3.9349	2.8343	-0.4733345	0.026964621	
siR_113925	0.01	1.1188	6.80580835	4.20E-10	**
siR_113929	1.6307	0.2611	-2.64281703	6.26E-08	**
siR_113931	1.5952	0.0373	-5.41841788	2.11E-12	**
siR_113962	1.028	0.9696	-0.08437866	0.833764704	
siR_113983	0.01	1.0069	6.6537766	3.63E-09	**
siR_113985	0.01	22.0407	11.10595433	3.09E-185	**
siR_113987	0.01	4.9601	8.9542254	2.94E-42	**
siR_114018	0.9926	1.0069	0.02063605	0.954446317	
siR_114046	0.01	2.3495	7.87620996	2.10E-20	**
siR_114067	41.9018	9.3981	-2.1565712	3.27E-134	**
siR_114072	1.0989	0.4475	-1.29610052	0.006143403	**
siR_114077	1.0635	0.8205	-0.37424479	0.360625484	
siR_114126	5.7783	1.9766	-1.54762416	3.43E-13	**
siR_114135	1.5598	0.2611	-2.57868669	1.81E-07	**
siR_114156	3.2259	0.1119	-4.84941978	6.70E-23	**
siR_114221	0.01	1.1934	6.89893387	9.98E-11	**
siR_114233	7.6926	1.2307	-2.64399216	1.30E-32	**
siR_114264	1.0635	0.2611	-2.02614567	0.000213675	**
siR_114276	0.01	6.3773	9.31680194	4.04E-54	**
siR_114277	0.01	1.1561	6.85312238	2.05E-10	**
siR_114282	0.01	5.8551	9.19355	9.47E-50	**
siR_114300	1.1344	0.3356	-1.75711482	0.000500636	**
siR_114328	1.3825	1.2307	-0.16780035	0.627937326	
siR_11434	3.3677	2.2376	-0.58981147	0.01252401	
siR_114350	1.6307	0.4102	-1.991092	5.04E-06	**
siR_114366	2.3397	0.634	-1.88376881	1.23E-07	**
siR_114375	1.0635	0.1119	-3.24853809	1.55E-06	**
siR_114382	1.2053	0.2984	-2.01407284	8.31E-05	**
siR_114383	10.7768	1.6782	-2.68294229	8.88E-46	**
siR_1144	0.01	1.3426	7.06888574	5.63E-12	**
siR_114401	3.1196	0.634	-2.29880631	3.59E-12	**
siR_114408	9.1106	8.5403	-0.09325932	0.478078749	
siR_114411	30.6288	13.7614	-1.1542616	5.04E-41	**
siR_114415	14.9599	6.7129	-1.15609248	6.55E-21	**
siR_114417	4.8566	2.0512	-1.2434785	1.62E-08	**
siR_114423	1.5952	0.8205	-0.95916208	0.00916911	

siR_11443	0.01	1.3426	7.06888574	5.63E-12	**
siR_114431	0.01	15.8872	10.63364917	1.00E-133	**
siR_114454	15.7398	1.8274	-3.10655284	1.19E-76	**
siR_114505	1.2762	0.4848	-1.39639284	0.001733978	**
siR_114509	2.3042	2.5733	0.15935371	0.522703771	
siR_114515	8.2244	3.2446	-1.3418698	5.79E-15	**
siR_114548	2.0561	0.1492	-3.78459099	5.48E-13	**
siR_114553	1.0989	0.3729	-1.5591994	0.001653799	**
siR_114561	1.5598	0.6713	-1.21633151	0.00179751	**
siR_114568	5.7429	4.1396	-0.47228807	0.007575351	
siR_114570	1.9852	0.4102	-2.27488496	4.05E-08	**
siR_114591	1.1698	0.5221	-1.16386383	0.009288174	**
siR_114609	3.5095	0.4848	-2.8558039	7.47E-17	**
siR_114626	7.0191	1.4545	-2.27076276	2.68E-25	**
siR_114688	5.2466	1.1188	-2.22943064	7.02E-19	**
siR_114696	0.01	4.2142	8.71911497	5.16E-36	**
siR_114703	0.01	1.3799	7.10841991	2.74E-12	**
siR_114705	1.2407	1.3053	0.07322711	0.830255381	
siR_114722	2.446	2.6852	0.13460514	0.579404906	
siR_114726	4.7148	1.6036	-1.55588225	4.30E-11	**
siR_114727	1.028	0.2238	-2.19955832	0.000127871	**
siR_114731	6.0265	7.7571	0.36419703	0.014416807	
siR_114736	25.5949	15.4024	-0.7327012	5.45E-17	
siR_114740	0.4254	1.1188	1.39506022	0.003209893	**
siR_114756	2.6233	2.1258	-0.30337693	0.234271889	
siR_114842	1.418	0.2984	-2.24853809	4.52E-06	**
siR_114856	5.2466	3.5056	-0.58172141	0.002044897	
siR_114860	2.0915	1.4545	-0.5240147	0.077839011	
siR_114861	0.01	1.0069	6.6537766	3.63E-09	**
siR_114871	3.1196	0.6713	-2.21633151	1.05E-11	**
siR_114875	2.0915	0.3729	-2.4876773	2.81E-09	**
siR_114884	11.5567	1.268	-3.18810285	4.40E-58	**
siR_114890	27.261	8.6895	-1.64949341	7.83E-62	**
siR_114891	22.9007	6.601	-1.79463519	1.47E-58	**
siR_114934	0.01	4.1769	8.70628879	1.06E-35	**
siR_114935	0.01	2.3122	7.85312238	4.30E-20	**
siR_114954	2.9423	0.9696	-1.60148275	1.12E-07	**
siR_114961	10.7413	1.9766	-2.44207576	3.39E-41	**
siR_114962	1.9497	0.6713	-1.53822261	2.90E-05	**
siR_114997	0.01	1.1561	6.85312238	2.05E-10	**
siR_11500	2.836	2.9462	0.05499784	0.808654666	
siR_11501	2.4815	1.1561	-1.10194626	0.000257436	**
siR_115023	4.6439	1.4172	-1.71229354	2.42E-12	**
siR_115039	0.01	7.1231	9.47636143	2.30E-60	**
siR_115041	1.3471	3.1327	1.21754967	7.67E-06	**
siR_115043	1.0635	1.0815	0.02421363	0.945573791	
siR_115059	0.01	1.7155	7.42248532	4.25E-15	**

siR_115060	0.01	2.2003	7.78155643	3.72E-19	**
siR_115068	5.8847	1.268	-2.21441412	7.69E-21	**
siR_11509	28.679	6.6383	-2.11110899	5.12E-90	**
siR_115091	2.9778	1.268	-1.23169211	1.19E-05	**
siR_11511	0.01	1.3426	7.06888574	5.63E-12	**
siR_115113	1.5598	0.1492	-3.38604162	2.30E-09	**
siR_115158	0.01	2.9462	8.20271156	2.12E-25	**
siR_115172	9.6424	1.0442	-3.20699421	5.61E-49	**
siR_115178	4.4312	0.9323	-2.24883127	2.55E-16	**
siR_11520	1.7725	1.1934	-0.57070795	0.079955194	
siR_115203	0.01	1.5663	7.29121675	7.54E-14	**
siR_115215	0.01	5.0347	8.97576201	6.99E-43	**
siR_115217	0.01	3.2073	8.32521549	1.38E-27	**
siR_115243	4.6794	3.0581	-0.61368797	0.002258021	
siR_11526	0.01	1.4545	7.18437949	6.51E-13	**
siR_115279	3.155	1.5663	-1.01027944	0.000120538	**
siR_115290	0.01	104.9076	13.35683158	0	**
siR_115296	148.8898	93.7195	-0.66782376	1.71E-77	
siR_115303	3.4032	3.0954	-0.13676609	0.529660152	
siR_115306	2.0561	2.3122	0.16935576	0.520314982	
siR_115311	1.9852	2.6106	0.39509706	0.126319119	
siR_11533	2.2688	1.2307	-0.88245031	0.00365495	
siR_115331	0.01	12.4189	10.27832168	1.08E-104	**
siR_115332	0.01	1.0069	6.6537766	3.63E-09	**
siR_115337	0.01	2.9089	8.18432989	4.35E-25	**
siR_115350	0.01	1.4545	7.18437949	6.51E-13	**
siR_115359	0.01	1.3053	7.02823761	1.15E-11	**
siR_115360	1.7016	2.797	0.71698832	0.006634929	
siR_115489	0.01	1.4918	7.22091032	3.17E-13	**
siR_115495	2.836	1.4918	-0.9268034	0.000694835	
siR_115505	1.0989	0.2238	-2.29577817	4.70E-05	**
siR_115538	11.7694	7.5707	-0.63654217	5.32E-07	
siR_115540	1.3825	0.5594	-1.30532732	0.001931693	**
siR_115545	14.9953	6.8994	-1.11996758	5.39E-20	**
siR_115563	1.7725	0.5221	-1.76338756	1.14E-05	**
siR_115599	5.3175	1.3799	-1.94618441	2.63E-16	**
siR_115603	0.01	2.2003	7.78155643	3.72E-19	**
siR_115612	1.418	0.6713	-1.07882799	0.006897488	**
siR_115641	1.3471	0.5221	-1.36745889	0.001524084	**
siR_11565	4.8921	3.2073	-0.60909459	0.001920299	
siR_11566	1.1698	0.4475	-1.38630231	0.002893159	**
siR_115725	20.1356	3.1327	-2.68426994	3.62E-84	**
siR_115730	1.2053	0.1492	-3.01407284	7.31E-07	**
siR_11574	0.01	2.5733	8.00747585	2.81E-22	**
siR_115758	4.8566	3.9159	-0.31060274	0.096884014	
siR_115764	1.8434	0.3729	-2.30550845	9.97E-08	**
siR_11577	2.9423	0.4475	-2.71698477	1.11E-13	**

siR_115780	0.01	1.7901	7.48389637	1.01E-15	**
siR_115781	0.01	5.5568	9.11811051	2.98E-47	**
siR_1158	0.01	1.1934	6.89893387	9.98E-11	**
siR_11580	1.1698	0.2984	-1.97094245	0.000133017	**
siR_115800	2.127	0.5221	-2.02642197	1.24E-07	**
siR_115802	3.6159	0.8578	-2.07564156	2.06E-12	**
siR_115819	1.3116	0.1865	-2.81408027	5.73E-07	**
siR_11583	1.4534	0.7086	-1.03638844	0.008088782	**
siR_115830	1.0635	0.5967	-0.83374235	0.060029399	
siR_115846	0.01	1.2307	6.94333532	4.86E-11	**
siR_115854	1.3116	0.3729	-1.8144671	0.00012559	**
siR_115860	0.01	2.2749	7.82965932	8.83E-20	**
siR_115864	0.01	1.9766	7.62687714	2.78E-17	**
siR_115869	42.3981	25.6582	-0.72457965	1.27E-26	
siR_115873	1.4889	0.5594	-1.4122947	0.000627722	**
siR_115874	1.5598	0.5594	-1.4794089	0.000288819	**
siR_115879	4.0767	1.4545	-1.4868785	3.10E-09	**
siR_115881	1.1698	1.0069	-0.21634148	0.569256367	
siR_115882	0.01	1.0815	6.75688986	8.62E-10	**
siR_115896	1.7725	0.7832	-1.17833296	0.001154208	**
siR_115965	57.2162	20.1387	-1.50645313	3.09E-112	**
siR_115966	1.4534	0.4848	-1.58397021	0.000237648	**
siR_115995	9.7133	2.0512	-2.24349335	6.05E-34	**
siR_11601	0.01	3.3937	8.40671523	3.81E-29	**
siR_116018	1.6307	1.1934	-0.45041371	0.176306369	
siR_116020	9.3942	2.6479	-1.82692167	1.50E-25	**
siR_116051	2.7651	1.3799	-1.00276794	0.000350324	**
siR_116055	8.827	1.529	-2.52933479	1.79E-35	**
siR_116068	1.9143	1.268	-0.59426219	0.058982077	
siR_116099	1.1698	1.4172	0.27678148	0.421044889	
siR_116113	1.028	0.2984	-1.78452082	0.000827671	**
siR_116142	5.5302	1.6782	-1.720417	1.62E-14	**
siR_116145	3.4741	0.7459	-2.21958515	6.65E-13	**
siR_116149	1.8079	1.7901	-0.0142747	0.963590548	
siR_116150	3.864	2.0512	-0.91362693	8.94E-05	
siR_116161	99.7916	12.8291	-2.95949842	0	**
siR_116170	12.5493	0.8578	-3.87082177	5.23E-74	**
siR_116173	17.5477	2.3122	-2.92394385	2.25E-80	**
siR_116175	103.1948	110.6882	0.10113116	0.0071996	
siR_116179	482.8284	95.7334	-2.33441628	0	**
siR_116182	5.6011	1.7901	-1.64567	6.99E-14	**
siR_116189	1.2053	0.6713	-0.84436273	0.042610765	
siR_116194	77.9544	28.8282	-1.4351497	9.43E-142	**
siR_116195	3.3677	1.268	-1.40920888	2.35E-07	**
siR_11620	3.0132	0.4102	-2.87689704	9.38E-15	**
siR_116204	2.0561	8.9132	2.11603305	1.63E-29	**
siR_116209	0.01	9.9948	9.96503389	2.11E-84	**

siR_116211	0.01	2.3122	7.85312238	4.30E-20	**
siR_116215	2.9069	1.3053	-1.15510002	3.92E-05	**
siR_116216	2.3751	0.5967	-1.99291058	3.15E-08	**
siR_116227	21.7663	1.6409	-3.72953696	1.32E-123	**
siR_116247	4.1122	1.4545	-1.49938714	2.11E-09	**
siR_116249	1.3825	0.634	-1.12472473	0.005814363	**
siR_116253	2.0561	4.2888	1.06066361	2.71E-06	**
siR_116256	1.4889	1.1561	-0.36498067	0.288568542	
siR_116271	1.2407	1.0815	-0.19812065	0.590050383	
siR_116284	1.1698	0.634	-0.88370715	0.037954945	
siR_116312	5.1757	1.3799	-1.90719028	1.58E-15	**
siR_116328	2.0915	0.7459	-1.48748387	2.36E-05	**
siR_116329	1.1344	0.8578	-0.40321622	0.310894164	
siR_116417	1.0989	0.4848	-1.1805985	0.010852128	*
siR_116419	2.4815	0.2984	-3.05589301	4.70E-13	**
siR_116498	1.5243	0.3356	-2.18333225	2.95E-06	**
siR_116504	3.4032	0.634	-2.42433719	6.40E-14	**
siR_116513	1.028	0.4102	-1.32544087	0.007079856	**
siR_116533	0.01	1.4918	7.22091032	3.17E-13	**
siR_11654	0.01	7.0858	9.46878694	4.73E-60	**
siR_116544	4.5021	0.6713	-2.74556855	1.94E-20	**
siR_116561	1.3471	0.5967	-1.17477927	0.004838592	**
siR_116563	4.3603	0.6713	-2.69939785	1.66E-19	**
siR_116565	4.8566	4.9601	0.03042254	0.861236204	
siR_11663	0.01	84.4706	13.04423358	0	**
siR_116661	3.8995	1.0442	-1.90089109	5.43E-12	**
siR_116665	1.1698	0.4475	-1.38630231	0.002893159	**
siR_116669	1.5243	1.0815	-0.4951132	0.154115399	
siR_116670	2.0915	0.9696	-1.10907639	0.000756063	**
siR_116678	1.8788	1.3053	-0.52543008	0.094161439	
siR_116708	158.8158	48.1091	-1.72297273	0	**
siR_116709	3.1196	1.1561	-1.43209486	4.81E-07	**
siR_116711	73.665	24.6512	-1.57932145	3.99E-154	**
siR_116712	1.4534	0.4102	-1.82503241	4.93E-05	**
siR_116732	1.2407	0.4102	-1.59675492	0.000655154	**
siR_116745	0.01	2.0885	7.70632333	3.21E-18	**
siR_116750	0.01	1.0442	6.70625425	1.77E-09	**
siR_116785	2.3042	1.529	-0.59167754	0.038771935	
siR_116787	3.2614	1.529	-1.09290299	3.06E-05	**
siR_116788	0.7799	1.4545	0.89916224	0.017828696	
siR_116797	1.737	0.3729	-2.21973705	4.42E-07	**
siR_116801	16.5197	6.3027	-1.39014559	5.17E-30	**
siR_11681	3.545	1.6409	-1.11129831	1.05E-05	**
siR_116811	1.418	0.9696	-0.54839593	0.131795682	
siR_116814	1.5598	0.8951	-0.80124028	0.026942588	
siR_116834	0.01	28.0823	11.45544538	8.26E-236	**
siR_116835	0.01	1.1561	6.85312238	2.05E-10	**

siR_11684	1. 5598	1. 0069	-0. 63144065	0. 072523267	
siR_116840	0. 01	29. 6859	11. 53556214	3. 11E-249	**
siR_116847	16. 7678	6. 4891	-1. 36960311	8. 53E-30	**
siR_116850	21. 8726	14. 5819	-0. 58494601	2. 26E-10	
siR_116854	27. 2256	19. 3928	-0. 48944272	1. 73E-09	
siR_116880	19. 4975	11. 4119	-0. 77275014	1. 93E-14	
siR_116883	0. 01	1. 3053	7. 02823761	1. 15E-11	**
siR_116918	3. 4032	1. 4172	-1. 26384857	1. 74E-06	**
siR_116921	0. 01	1. 0069	6. 6537766	3. 63E-09	**
siR_116923	3. 0132	0. 9323	-1. 69243026	2. 33E-08	**
siR_116941	3. 2968	0. 634	-2. 37851162	2. 93E-13	**
siR_116969	1. 0635	0. 3356	-1. 66400541	0. 001193189	**
siR_116980	0. 01	1. 3053	7. 02823761	1. 15E-11	**
siR_116983	0. 01	3. 6548	8. 51364865	2. 48E-31	**
siR_117013	0. 01	1. 3053	7. 02823761	1. 15E-11	**
siR_117033	1. 9852	0. 1119	-4. 14900242	2. 42E-13	**
siR_117067	0. 01	4. 2888	8. 74443023	1. 22E-36	**
siR_117069	7. 3736	4. 4753	-0. 72038476	9. 74E-06	
siR_117088	0. 01	1. 3799	7. 10841991	2. 74E-12	**
siR_117091	0. 01	1. 5663	7. 29121675	7. 54E-14	**
siR_117103	4. 3958	0. 7086	-2. 63308238	3. 62E-19	**
siR_117105	2. 4106	1. 1561	-1. 06012609	0. 000482579	**
siR_117122	5. 4947	3. 4683	-0. 66381202	0. 000384683	
siR_117139	7. 1254	7. 869	0. 1432093	0. 31368458	
siR_117143	3. 545	4. 3634	0. 29966711	0. 126973263	
siR_117145	0. 01	1. 6036	7. 32517051	3. 67E-14	**
siR_117146	0. 01	1. 2307	6. 94333532	4. 86E-11	**
siR_117155	2. 9778	1. 6782	-0. 8273322	0. 001590907	
siR_117157	1. 6307	0. 9323	-0. 80662522	0. 022857287	
siR_117163	5. 3529	0. 7086	-2. 91727733	1. 65E-25	**
siR_117164	1. 2762	0. 2984	-2. 096535	3. 20E-05	**
siR_117167	4. 1122	0. 5967	-2. 78483275	4. 75E-19	**
siR_117184	0. 01	10. 3677	10. 01788016	1. 59E-87	**
siR_117190	3. 6159	1. 6036	-1. 17304046	3. 34E-06	**
siR_117224	0. 01	13. 5004	10. 39878644	9. 54E-114	**
siR_11724	13. 0101	3. 4683	-1. 90733145	8. 98E-37	**
siR_117243	15. 598	1. 902	-3. 0357719	2. 57E-74	**
siR_117246	5. 672	1. 0815	-2. 39082387	6. 04E-22	**
siR_117247	1. 6307	0. 1119	-3. 86520945	1. 12E-10	**
siR_117252	1. 2762	0. 1492	-3. 096535	2. 35E-07	**
siR_117253	0. 01	2. 1258	7. 73186206	1. 57E-18	**
siR_117256	0. 01	1. 3799	7. 10841991	2. 74E-12	**
siR_117273	1. 2407	1. 9393	0. 64438168	0. 039974535	
siR_117275	2. 836	3. 1327	0. 14354909	0. 523861576	
siR_11729	1. 5243	0. 3729	-2. 03128617	7. 99E-06	**
siR_117311	2. 5524	1. 0069	-1. 34193403	1. 50E-05	**
siR_117313	1. 6307	0. 5221	-1. 64309333	6. 28E-05	**

siR_117314	1. 7016	0. 3729	-2. 19003124	7. 23E-07	**
siR_117341	0. 01	1. 268	6. 98641094	2. 37E-11	**
siR_117344	1. 4534	0. 2611	-2. 47675745	8. 75E-07	**
siR_117360	0. 01	1. 9766	7. 62687714	2. 78E-17	**
siR_117361	0. 01	3. 1327	8. 29126281	5. 83E-27	**
siR_117365	0. 01	8. 2419	9. 68683315	9. 93E-70	**
siR_117370	1. 4889	0. 1119	-3. 73396492	1. 26E-09	**
siR_117371	2. 127	0. 1865	-3. 5115725	1. 07E-12	**
siR_117374	0. 01	1. 0069	6. 6537766	3. 63E-09	**
siR_117381	0. 01	5. 7805	9. 17505048	3. 99E-49	**
siR_117421	3. 7931	1. 3799	-1. 45881369	1. 76E-08	**
siR_117422	2. 7651	0. 9696	-1. 51187005	8. 22E-07	**
siR_117429	1. 3825	0. 634	-1. 12472473	0. 005814363	**
siR_117431	1. 8788	0. 7459	-1. 33275737	0. 000228382	**
siR_117433	0. 01	12. 1205	10. 2432335	3. 39E-102	**
siR_117451	0. 01	9. 2862	9. 85894454	1. 80E-78	**
siR_117453	0. 01	2. 4987	7. 96503389	1. 18E-21	**
siR_117456	7. 6217	1. 7155	-2. 1514837	1. 13E-25	**
siR_117471	13. 8609	1. 2307	-3. 4934699	3. 48E-75	**
siR_117485	195. 0102	41. 247	-2. 24118849	0	**
siR_117486	3. 0132	2. 536	-0. 24874169	0. 29105197	
siR_117487	2. 7651	1. 8274	-0. 5975392	0. 022212355	
siR_117493	0. 01	1. 8647	7. 54279973	2. 40E-16	**
siR_117497	0. 01	7. 6079	9. 57135447	2. 01E-64	**
siR_117507	0. 01	1. 7528	7. 45351758	2. 07E-15	**
siR_117513	1. 8079	0. 634	-1. 51176014	7. 12E-05	**
siR_117515	6. 7	2. 2003	-1. 60646085	8. 03E-16	**
siR_11754	1. 0635	0. 2984	-1. 83350059	0. 000528454	**
siR_117542	1. 4534	0. 4848	-1. 58397021	0. 000237648	**
siR_117559	2. 8005	0. 8205	-1. 77110919	2. 76E-08	**
siR_117592	5. 3884	1. 3799	-1. 96529323	1. 06E-16	**
siR_117595	14. 5699	3. 3564	-2. 11800441	9. 38E-47	**
siR_117597	6. 3101	0. 5967	-3. 40258519	2. 85E-34	**
siR_117599	1. 028	0. 4848	-1. 08437866	0. 021479092	*
siR_117656	1. 7725	0. 2611	-2. 76311126	7. 25E-09	**
siR_117658	26. 6229	2. 9835	-3. 15759005	1. 69E-130	**
siR_117661	4. 8921	1. 0069	-2. 28053348	3. 73E-18	**
siR_117666	2. 0206	1. 6036	-0. 33346943	0. 254622539	
siR_117667	2. 127	1. 5663	-0. 44145947	0. 128630885	
siR_117671	5. 0693	4. 2515	-0. 25381461	0. 161603394	
siR_117690	0. 01	1. 0442	6. 70625425	1. 77E-09	**
siR_117691	0. 01	1. 6782	7. 39077085	8. 72E-15	**
siR_117698	0. 01	5. 2957	9. 04867759	4. 56E-45	**
siR_117702	0. 01	2. 536	7. 98641094	5. 76E-22	**
siR_117749	1. 5243	1. 1188	-0. 44619471	0. 195244239	
siR_117753	22. 2626	9. 6591	-1. 20466142	2. 79E-32	**
siR_117758	6. 9482	10. 8152	0. 63834916	1. 36E-06	

siR_117762	0.3899	2.3868	2.61390162	4.46E-11	**
siR_117763	0.709	2.2749	1.6819456	1.22E-06	**
siR_117770	0.01	2.4614	7.94333532	2.43E-21	**
siR_117802	4.1476	0.7459	-2.47522263	4.84E-17	**
siR_117804	2.2333	0.3729	-2.58231636	3.47E-10	**
siR_117809	1.3825	0.3356	-2.04246486	2.03E-05	**
siR_117840	5.5302	2.8343	-0.96433919	9.12E-07	
siR_117859	1.7016	0.9323	-0.86802577	0.013287385	
siR_117864	5.2111	0.8205	-2.6670127	9.22E-23	**
siR_117875	2.0206	0.4102	-2.30038436	2.46E-08	**
siR_11788	2.7651	0.2984	-3.21201222	4.96E-15	**
siR_117895	0.01	1.8274	7.51364865	4.92E-16	**
siR_117905	0.01	1.1561	6.85312238	2.05E-10	**
siR_117965	2.1979	0.5221	-2.07372768	4.84E-08	**
siR_117974	3.0841	0.5221	-2.56245148	1.77E-13	**
siR_118000	5.2111	1.2307	-2.08210881	2.42E-17	**
siR_118013	0.01	37.182	11.86038866	859947785158e	**
siR_118015	0.01	4.7736	8.89893387	1.07E-40	**
siR_118037	1.3471	0.5221	-1.36745889	0.001524084	**
siR_118111	11.6276	4.8855	-1.25097522	1.38E-18	**
siR_118118	0.01	1.9393	7.59939219	5.69E-17	**
siR_118123	1.4889	0.9696	-0.61878526	0.085020625	
siR_118147	4.2894	1.3053	-1.71639444	1.54E-11	**
siR_118151	0.01	5.2957	9.04867759	4.56E-45	**
siR_118158	0.01	2.0885	7.70632333	3.21E-18	**
siR_118171	11.2022	4.4753	-1.32372579	1.82E-19	**
siR_118172	1.0635	0.3729	-1.51195933	0.00248896	**
siR_118174	151.0523	40.8741	-1.88578928	0	**
siR_118179	5.3529	1.3053	-2.03593928	2.59E-17	**
siR_118180	1.0989	0.3729	-1.5591994	0.001653799	**
siR_118204	0.01	1.7155	7.42248532	4.25E-15	**
siR_118207	2.3042	1.0815	-1.09123228	0.000478906	**
siR_118212	0.01	15.8872	10.63364917	1.00E-133	**
siR_118224	0.01	100.5443	13.29554368	0	**
siR_118231	0.01	28.045	11.45352787	1.69E-235	**
siR_118232	0.01	1.9393	7.59939219	5.69E-17	**
siR_118239	0.01	27.7093	11.43615455	1.09E-232	**
siR_118254	0.01	1.0069	6.6537766	3.63E-09	**
siR_118270	1.9143	1.0442	-0.87441888	0.00815689	
siR_118271	1.3825	0.8578	-0.68856626	0.068256577	
siR_118287	0.9217	1.0815	0.23066451	0.554575008	
siR_118300	1.2407	0.3729	-1.73429361	0.000303178	**
siR_118308	3.2968	0.8951	-1.8809456	3.21E-10	**
siR_118321	2.2333	0.9696	-1.20371546	0.000201232	**
siR_118323	4.5021	1.268	-1.82804336	5.23E-13	**
siR_118324	2.2688	0.8951	-1.34180866	4.55E-05	**
siR_118326	1.5952	0.8205	-0.95916208	0.00916911	

siR_118333	0.01	11.039	10.10839377	3.83E-93	**
siR_11834	1.8079	0.9323	-0.95544871	0.005637862	
siR_118351	9.0043	7.6079	-0.24311584	0.07298751	
siR_118354	5.2111	3.804	-0.45407069	0.014172784	
siR_118374	2.3751	0.4475	-2.40802867	4.90E-10	**
siR_118382	0.01	2.1258	7.73186206	1.57E-18	**
siR_118383	0.01	1.3799	7.10841991	2.74E-12	**
siR_118389	0.01	9.3235	9.86472783	8.79E-79	**
siR_118391	2.8714	1.7901	-0.68171414	0.008782256	
siR_118406	2.4106	1.1934	-1.0143146	0.000761628	**
siR_118409	4.6085	1.4172	-1.70125388	3.68E-12	**
siR_118428	4.6794	2.0885	-1.16385641	1.43E-07	**
siR_118438	1.0989	0.0373	-4.88074067	1.72E-08	**
siR_118466	1.5243	0.5594	-1.44619471	0.000426884	**
siR_118471	0.9571	1.0442	0.12565649	0.745938859	
siR_118474	9.1461	3.804	-1.26563945	3.49E-15	**
siR_118510	107.1652	108.9354	0.02363636	0.527516803	
siR_118517	152.3639	67.2035	-1.18091285	4.74E-204	**
siR_118518	3.2614	1.5663	-1.05813083	4.89E-05	**
siR_118527	32.3304	32.4457	0.00513593	0.939500944	
siR_118528	1.028	0.8951	-0.19971949	0.622135026	
siR_118535	3.3323	2.5733	-0.37289863	0.102984565	
siR_118551	0.01	2.1258	7.73186206	1.57E-18	**
siR_118555	0.01	4.065	8.66711154	9.14E-35	**
siR_118567	0.01	2.9089	8.18432989	4.35E-25	**
siR_118568	0.01	1.529	7.2564446	1.55E-13	**
siR_118584	1.4889	1.1934	-0.31916918	0.34968143	
siR_118600	0.01	1.6409	7.35834351	1.79E-14	**
siR_118668	0.01	15.0667	10.55714775	7.38E-127	**
siR_118669	0.01	1.0815	6.75688986	8.62E-10	**
siR_11869	0.01	1.1934	6.89893387	9.98E-11	**
siR_118695	2.836	1.5663	-0.85649697	0.001509201	
siR_118703	1.0989	0.9696	-0.1805985	0.64392648	
siR_118709	2.2333	1.0069	-1.14925665	0.000339181	**
siR_118749	2.7651	1.1188	-1.3053795	1.02E-05	**
siR_118773	9.2524	8.1674	-0.17995075	0.173806378	
siR_118777	0.01	7.0485	9.46117246	9.70E-60	**
siR_118823	0.01	1.4172	7.14689956	1.34E-12	**
siR_118831	1.3116	0.634	-1.04877306	0.011177638	*
siR_118843	0.01	3.5429	8.46878694	2.15E-30	**
siR_118879	0.01	2.0885	7.70632333	3.21E-18	**
siR_118893	0.01	2.7225	8.08878824	1.58E-23	**
siR_118913	2.0206	14.3208	2.82525643	1.51E-64	**
siR_118938	2.0915	0.7086	-1.56149463	1.18E-05	**
siR_118957	0.01	1.3053	7.02823761	1.15E-11	**
siR_118965	2.5524	2.0885	-0.2893873	0.262051286	
siR_118991	0.01	2.536	7.98641094	5.76E-22	**

siR_118992	0. 01	1. 8647	7. 54279973	2. 40E-16	**
siR_118993	1. 4889	1. 2307	-0. 27476773	0. 417367564	
siR_118995	6. 9127	3. 9904	-0. 79271595	3. 28E-06	
siR_119006	1. 2762	0. 1865	-2. 7746069	9. 92E-07	**
siR_119019	3. 7931	0. 2238	-4. 08309547	3. 49E-24	**
siR_119037	9. 4651	2. 0139	-2. 2326257	6. 27E-33	**
siR_119048	1. 5598	1. 0815	-0. 52832739	0. 126073008	
siR_119058	0. 01	1. 3053	7. 02823761	1. 15E-11	**
siR_119062	1. 5952	3. 0954	0. 95638854	0. 000257164	
siR_119063	0. 4254	1. 3799	1. 69767178	0. 000152693	**
siR_119068	0. 4608	1. 6782	1. 86470204	8. 01E-06	**
siR_119069	0. 4254	1. 1561	1. 44237425	0. 002120558	**
siR_119081	0. 01	1. 1188	6. 80580835	4. 20E-10	**
siR_11909	1. 0989	0. 3356	-1. 71124549	0. 000775199	**
siR_119092	1. 6661	1. 0815	-0. 62344133	0. 066287572	
siR_119108	1. 4889	0. 5967	-1. 31916918	0. 001167472	**
siR_119177	1. 737	0. 3729	-2. 21973705	4. 42E-07	**
siR_119200	5. 4593	1. 7155	-1. 67008685	8. 02E-14	**
siR_119230	31. 4087	10. 405	-1. 59388727	1. 21E-67	**
siR_119258	7. 3381	2. 163	-1. 7623729	2. 21E-19	**
siR_119294	1. 9497	0. 9323	-1. 06438598	0. 001667436	**
siR_119296	23. 9642	6. 8994	-1. 79633797	2. 81E-61	**
siR_119299	2. 127	0. 7832	-1. 44136736	3. 11E-05	**
siR_119310	0. 01	1. 7528	7. 45351758	2. 07E-15	**
siR_119313	0. 01	1. 1561	6. 85312238	2. 05E-10	**
siR_119337	2. 446	2. 3495	-0. 05807064	0. 820285934	
siR_119338	470. 669	183. 2621	-1. 36080438	0	**
siR_119344	2. 1624	1. 6409	-0. 3981461	0. 163785525	
siR_119345	3. 5804	1. 3799	-1. 37555705	1. 65E-07	**
siR_119380	2. 4815	1. 3053	-0. 92683103	0. 001525068	
siR_119381	17. 5477	5. 7433	-1. 61133012	3. 97E-39	**
siR_119384	6. 5582	3. 804	-0. 78578265	6. 89E-06	
siR_119385	1. 5952	0. 1119	-3. 83345537	2. 05E-10	**
siR_119395	3. 2259	2. 0512	-0. 65323355	0. 007439742	
siR_119396	2. 3397	2. 1258	-0. 13831769	0. 599362516	
siR_119411	1. 1344	0. 9696	-0. 22646783	0. 558329007	
siR_119428	0. 01	1. 4545	7. 18437949	6. 51E-13	**
siR_119448	9. 0043	5. 333	-0. 7556668	3. 44E-07	
siR_119466	1. 1344	0. 634	-0. 83937469	0. 050540314	
siR_119475	1. 1698	1. 1188	-0. 06430974	0. 864211392	
siR_1195	0. 01	124. 0767	13. 5989446	0	**
siR_11951	0. 01	2. 536	7. 98641094	5. 76E-22	**
siR_119546	1. 9497	1. 3426	-0. 53822261	0. 081273721	
siR_119552	1. 2407	1. 3799	0. 1534094	0. 65186347	
siR_119555	0. 01	1. 6409	7. 35834351	1. 79E-14	**
siR_119571	6. 0265	1. 4918	-2. 01426624	4. 58E-19	**
siR_119593	10. 245	8. 1301	-0. 33357498	0. 009761244	

siR_1196	0.01	1.3053	7.02823761	1.15E-11	**
siR_119600	1.7725	0.2611	-2.76311126	7.25E-09	**
siR_119601	5.7783	0.5967	-3.27556743	1.71E-30	**
siR_119612	4.8212	10.032	1.05714507	7.64E-13	**
siR_119615	91.1418	14.9921	-2.60391038	0	**
siR_119617	2.446	0.1865	-3.71317687	5.00E-15	**
siR_119619	11.8403	1.1934	-3.31055605	1.58E-61	**
siR_119620	1.4889	0.5967	-1.31916918	0.001167472	**
siR_119639	2.127	0.9696	-1.13335843	0.000546583	**
siR_119642	40.9447	11.6357	-1.81511871	6.70E-105	**
siR_119679	4.0767	1.7155	-1.24877267	2.12E-07	**
siR_119680	4.0767	0.7832	-2.37994912	4.34E-16	**
siR_11969	1.028	0.3356	-1.61502564	0.001825058	**
siR_119723	0.01	2.4987	7.96503389	1.18E-21	**
siR_119765	2.1979	1.8647	-0.23718221	0.390172168	
siR_119772	2.7651	0.5594	-2.3053795	5.72E-11	**
siR_119779	1.2053	0.9323	-0.37052611	0.334212439	
siR_11978	0.01	13.3512	10.3827537	1.69E-112	**
siR_119782	3.864	4.2142	0.12516369	0.517772668	
siR_119786	1.2053	0.0746	-4.01407284	2.34E-08	**
siR_119792	1.9852	0.7086	-1.48624099	3.88E-05	**
siR_119796	0.01	1.529	7.2564446	1.55E-13	**
siR_1198	0.01	1.1188	6.80580835	4.20E-10	**
siR_119823	1.8079	0.2611	-2.79164052	4.20E-09	**
siR_119826	0.01	11.2255	10.13256399	1.05E-94	**
siR_119854	1.2053	1.2307	0.03008685	0.929320145	
siR_119867	0.9571	1.5663	0.71061899	0.044456183	
siR_11987	1.3116	0.9323	-0.49246163	0.189152191	
siR_119908	4.6085	0.8951	-2.36417648	7.06E-18	**
siR_11991	1.6661	0.1119	-3.89619305	6.08E-11	**
siR_119911	2.9069	0.7459	-1.96242731	1.29E-09	**
siR_119921	0.01	2.6106	8.02823761	1.37E-22	**
siR_119948	8.0826	2.0512	-1.97835129	1.61E-24	**
siR_119952	2.9423	2.6479	-0.15209571	0.517055765	
siR_119953	6.381	3.8413	-0.73218789	3.02E-05	
siR_119954	2.7296	2.536	-0.10613481	0.661434861	
siR_119955	4.4312	4.1396	-0.09820607	0.603900072	
siR_119957	6.5228	5.1466	-0.34187173	0.03502018	
siR_119973	5.0693	0.4102	-3.62738715	2.85E-29	**
siR_119977	4.9275	3.2446	-0.60281524	0.002035906	
siR_11998	2.7296	0.8951	-1.60856878	2.99E-07	**
siR_119987	4.0767	1.0069	-2.01748138	2.24E-13	**
siR_119990	6.2037	2.3122	-1.42386273	1.35E-12	**
siR_120002	4.3249	3.9159	-0.14332285	0.457499888	
siR_120032	0.01	2.2749	7.82965932	8.83E-20	**
siR_120052	2.1979	1.7901	-0.29608557	0.288099086	
siR_120054	2.7651	3.5056	0.34232973	0.121021669	

siR_120055	11.0249	12.4562	0.17609844	0.121263129	
siR_120066	1.0989	0.2238	-2.29577817	4.70E-05	**
siR_120074	2.7296	0.9696	-1.49322795	1.21E-06	**
siR_120098	6.0265	2.3122	-1.38205418	8.45E-12	**
siR_1201	2.7651	2.4614	-0.16785253	0.489592175	
siR_120110	2.0915	2.7597	0.39997345	0.111806098	
siR_120120	4.254	1.0442	-2.02642197	5.72E-14	**
siR_120122	4.1476	0.5967	-2.79719908	2.76E-19	**
siR_120150	33.7484	26.5532	-0.34593337	1.18E-06	
siR_120162	1.3116	0.2984	-2.13600837	1.97E-05	**
siR_120187	2.4106	2.6852	0.15563727	0.523308517	
siR_120189	0.4608	1.2307	1.41726651	0.001741998	**
siR_120217	13.0456	1.0069	-3.69557099	3.51E-74	**
siR_120221	12.4429	0.7832	-3.98979819	4.85E-75	**
siR_120232	0.2481	1.0069	2.02092677	0.000291037	**
siR_120252	1.3116	0.1119	-3.55104587	2.52E-08	**
siR_120269	0.01	51.0553	12.31784502	0	**
siR_120270	0.01	3.0581	8.25649177	2.46E-26	**
siR_120275	0.01	97.971	13.25813905	0	**
siR_120286	0.01	25.509	11.31679063	2.87E-214	**
siR_120302	2.2688	0.5594	-2.01997728	4.96E-08	**
siR_120317	0.01	2250.9459	17.78017186	0	**
siR_120318	0.01	2.6852	8.06888574	3.25E-23	**
siR_120319	0.01	1.529	7.2564446	1.55E-13	**
siR_120325	1707.7661	1767.1326	0.04929991	1.28E-07	
siR_120326	2.5524	4.4007	0.78587859	0.000221898	
siR_120327	1.737	1.529	-0.18400935	0.551122187	
siR_120328	1.6661	1.0815	-0.62344133	0.066287572	
siR_120341	1.2407	0.2611	-2.24847995	1.86E-05	**
siR_12036	0.01	7.0485	9.46117246	9.70E-60	**
siR_12038	0.01	1.6409	7.35834351	1.79E-14	**
siR_120392	1.1344	0.0746	-3.92661	7.99E-08	**
siR_120403	1.5598	1.2307	-0.34188193	0.306763052	
siR_120409	1.5243	1.3426	-0.18311732	0.578885383	
siR_120412	14.1091	9.7337	-0.53556575	2.57E-06	
siR_120414	3.0841	4.8109	0.64145727	0.0012296	
siR_12042	0.01	4.4753	8.80584059	3.37E-38	**
siR_120440	11.7339	5.2957	-1.1477893	1.49E-16	**
siR_120441	2.6233	1.0815	-1.27834914	2.36E-05	**
siR_120454	1.7725	0.0373	-5.57046618	8.23E-14	**
siR_120455	1.7725	0.1119	-3.98550369	9.72E-12	**
siR_120456	3.3323	0.2238	-3.89623635	9.88E-21	**
siR_120473	1.2762	0.7459	-0.77480031	0.052442918	
siR_120484	1.9143	0.4475	-2.09685735	3.03E-07	**
siR_120485	1.5952	0.2238	-2.83345537	2.82E-08	**
siR_120486	1.737	0.0746	-4.54127831	2.04E-12	**
siR_120489	0.01	1.4545	7.18437949	6.51E-13	**

siR_120491	5.3529	1.3426	-1.99529115	6.65E-17	**
siR_1205	1.2053	1.0442	-0.20699422	0.579823032	
siR_120514	0.01	1.8274	7.51364865	4.92E-16	**
siR_120515	0.01	1.3426	7.06888574	5.63E-12	**
siR_120516	0.01	3.3192	8.37469175	1.60E-28	**
siR_120528	0.01	6.3773	9.31680194	4.04E-54	**
siR_120529	0.01	1.7155	7.42248532	4.25E-15	**
siR_120542	0.01	29.4994	11.5264699	1.13E-247	**
siR_120544	0.01	10.5542	10.04360151	4.38E-89	**
siR_120548	0.01	2.1258	7.73186206	1.57E-18	**
siR_120558	3.3677	2.2376	-0.58981147	0.01252401	
siR_120582	9.1815	6.7875	-0.43584958	0.00169271	
siR_120584	26.1621	10.3304	-1.34058223	3.75E-44	**
siR_120593	0.01	1.0815	6.75688986	8.62E-10	**
siR_120639	7.0191	4.3261	-0.69821904	2.69E-05	
siR_120642	45.8368	38.9721	-0.23406466	9.32E-05	
siR_120650	1517.967	804.466	-0.91603707	0	
siR_120651	19.1075	9.4726	-1.01230666	1.71E-21	**
siR_120676	4.7148	2.4987	-0.91601888	1.42E-05	
siR_120678	13.2937	7.7198	-0.78410733	1.57E-10	
siR_120681	0.01	15.4024	10.58893945	1.14E-129	**
siR_120683	0.01	9.3608	9.87048802	4.28E-79	**
siR_120689	0.01	7.0112	9.45351758	1.99E-59	**
siR_120696	0.01	6.3773	9.31680194	4.04E-54	**
siR_1207	1.1344	1.6782	0.56498522	0.089513262	
siR_120788	2.5169	0.5967	-2.07657022	4.86E-09	**
siR_120797	0.2481	1.6409	2.72549368	2.60E-08	**
siR_120802	4.0058	3.431	-0.22346127	0.27137802	
siR_120806	2.6587	0.7086	-1.90767763	1.25E-08	**
siR_120816	1.2407	0.3729	-1.73429361	0.000303178	**
siR_120826	0.01	6.9367	9.43810568	8.38E-59	**
siR_120833	3.0841	0.634	-2.2822948	5.89E-12	**
siR_120879	2.4106	1.7901	-0.4293521	0.114527218	
siR_120888	3.1905	1.4172	-1.17073916	1.32E-05	**
siR_120889	0.01	2.3495	7.87620996	2.10E-20	**
siR_120892	0.01	9.9202	9.9542254	8.89E-84	**
siR_120920	0.01	1.9766	7.62687714	2.78E-17	**
siR_120923	1.3116	0.4848	-1.4358662	0.001178471	**
siR_120926	1.1344	0.5594	-1.01997728	0.02136103	*
siR_120927	2.836	1.0442	-1.44145947	1.43E-06	**
siR_120957	1.4889	0.8205	-0.85967162	0.021777219	
siR_120961	1.7725	2.3122	0.38348057	0.161817356	
siR_120975	2.7651	0.8205	-1.75275642	4.24E-08	**
siR_121	2.2688	0.3356	-2.75711482	5.50E-11	**
siR_121027	1.3471	0.8951	-0.58973618	0.116948474	
siR_121039	0.01	1.3426	7.06888574	5.63E-12	**
siR_121041	491.0882	159.021	-1.62676486	0	**

siR_121042	6.1683	1.8274	-1.75508047	1.94E-16	**
siR_121050	2.4106	0.3729	-2.69253158	2.43E-11	**
siR_121059	7.1254	1.1561	-2.62370481	4.49E-30	**
siR_121062	2.5169	1.1188	-1.16969574	0.000112756	**
siR_121070	2.4106	1.8647	-0.37044874	0.168966986	
siR_121075	26.8002	10.4796	-1.35466012	6.88E-46	**
siR_121089	0.01	1.902	7.57137344	1.17E-16	**
siR_121093	0.01	1.1561	6.85312238	2.05E-10	**
siR_121106	0.01	5.0347	8.97576201	6.99E-43	**
siR_121111	15.8816	6.1162	-1.37664878	1.63E-28	**
siR_121112	11.2022	3.9531	-1.50272574	3.09E-23	**
siR_121163	0.01	1.2307	6.94333532	4.86E-11	**
siR_121186	2.0915	1.1561	-0.8552718	0.006607868	
siR_121119	1.8788	1.5663	-0.26245093	0.382003897	
siR_121195	0.01	14.9921	10.54998677	3.11E-126	**
siR_121198	0.01	16.2228	10.66380713	1.55E-136	**
siR_121207	0.01	1.1934	6.89893387	9.98E-11	**
siR_121208	0.01	1.7155	7.42248532	4.25E-15	**
siR_121233	2.8714	1.1934	-1.26667664	1.11E-05	**
siR_121236	14.5699	4.065	-1.84166372	3.60E-39	**
siR_121237	1.5598	0.7459	-1.06430692	0.005019683	**
siR_121238	1.1344	0.3729	-1.60506874	0.001091833	**
siR_121285	6.0619	4.1396	-0.55027868	0.001610018	
siR_121287	142.9697	45.0883	-1.6648844	302496390164e	**
siR_121293	0.01	3.1327	8.29126281	5.83E-27	**
siR_121294	0.01	2.0885	7.70632333	3.21E-18	**
siR_121296	0.01	1.8274	7.51364865	4.92E-16	**
siR_121344	2.5169	1.902	-0.40413065	0.127237849	
siR_121345	3.155	1.8647	-0.75869646	0.002547316	
siR_121354	3.545	0.5594	-2.66383347	6.67E-16	**
siR_121356	8.7561	0.8205	-3.41571319	3.74E-47	**
siR_121357	9.8905	1.1561	-3.09677726	1.32E-48	**
siR_121385	3.3677	5.4076	0.68322481	0.000289956	
siR_121411	1.028	1.6036	0.64147406	0.063096194	
siR_121418	1.3116	0.9323	-0.49246163	0.189152191	
siR_121419	8.8625	2.4241	-1.87026451	6.36E-25	**
siR_12142	28.5372	11.8967	-1.26228235	6.80E-44	**
siR_121423	12.6202	3.6548	-1.78787041	7.54E-33	**
siR_121446	1.1698	0.5221	-1.16386383	0.009288174	**
siR_121450	3.0487	3.7667	0.30510694	0.149294791	
siR_12148	5.6365	4.2515	-0.40682766	0.021169734	
siR_121514	0.01	6.5637	9.35836549	1.11E-55	**
siR_121519	0.01	1.9393	7.59939219	5.69E-17	**
siR_121547	8.2244	5.2957	-0.63508904	2.91E-05	
siR_121550	5.2111	3.4683	-0.58735925	0.001935735	
siR_121555	0.01	1.1561	6.85312238	2.05E-10	**
siR_121556	77.4936	25.4344	-1.60729611	3.72E-166	**

siR_121559	19.1075	12.4934	-0.61297288	6.36E-10	
siR_121563	1.7016	0.6713	-1.34186239	0.000428491	**
siR_121566	0.01	21.5931	11.07635466	1.72E-181	**
siR_121569	8.0117	11.8594	0.56585072	5.61E-06	
siR_12157	1.9852	1.0069	-0.97936395	0.003044324	
siR_12158	6.4873	4.4753	-0.53563376	0.001448397	
siR_121581	0.01	13.6123	10.41069514	1.10E-114	**
siR_121587	1.418	0.1492	-3.24853809	2.36E-08	**
siR_121589	3.0132	0.8951	-1.75117566	1.06E-08	**
siR_121596	0.01	1.6782	7.39077085	8.72E-15	**
siR_121599	5.8847	3.6548	-0.68717641	0.000151387	
siR_121631	1.8788	0.7832	-1.26235883	0.00040908	**
siR_121637	1.0635	0.4848	-1.13335843	0.015328041	*
siR_121638	1.2762	0.5967	-1.09677676	0.009487354	**
siR_121645	2.446	0.2611	-3.22775004	1.71E-13	**
siR_121646	2.3397	0.2984	-2.97100412	4.43E-12	**
siR_121650	11.4503	1.5663	-2.86995293	4.98E-52	**
siR_121651	16.6969	2.6106	-2.67712694	6.99E-70	**
siR_121664	0.01	4.6617	8.86471235	9.25E-40	**
siR_121665	8.7561	5.0347	-0.79838262	1.36E-07	
siR_121704	45.1987	23.6816	-0.93251472	1.24E-42	
siR_121727	2.7651	0.2984	-3.21201222	4.96E-15	**
siR_121756	2.0561	0.2984	-2.78459099	3.65E-10	**
siR_121770	7.09	3.6175	-0.97079261	2.22E-08	
siR_121805	1.3825	0.3729	-1.89041878	5.10E-05	**
siR_121806	0.01	45.4239	12.14923586	0	**
siR_121807	0.01	1.0442	6.70625425	1.77E-09	**
siR_121830	0.01	6.6383	9.37467002	2.63E-56	**
siR_121844	1.5243	0.5967	-1.35306919	0.000806564	**
siR_121845	1.028	0.4475	-1.19988068	0.012673013	*
siR_121846	1.2407	0.2611	-2.24847995	1.86E-05	**
siR_121854	1.3116	0.9696	-0.4358662	0.240578977	
siR_121855	2.6942	0.6713	-2.0048274	3.19E-09	**
siR_12189	2.1624	0.5594	-1.95068126	1.98E-07	**
siR_121913	1.4534	0.7832	-0.89197914	0.019383579	
siR_121953	2.836	0.3356	-3.07904291	7.76E-15	**
siR_12198	4.2894	1.268	-1.75822111	6.96E-12	**
siR_122	2.2688	0.3356	-2.75711482	5.50E-11	**
siR_12203	1.5243	0.6713	-1.18311732	0.002538095	**
siR_122058	0.5317	1.0442	0.97371369	0.032467048	
siR_122061	1.4889	2.163	0.5387868	0.064451102	
siR_122069	0.9217	1.0442	0.18002891	0.646839721	
siR_122072	3.6868	2.0885	-0.81990201	0.000482429	
siR_122079	5.4947	2.9835	-0.88103494	5.71E-06	
siR_122096	5.9556	2.9835	-0.99724108	1.61E-07	
siR_122106	0.01	4.8855	8.93236241	1.24E-41	**
siR_122107	0.01	1.3426	7.06888574	5.63E-12	**

siR_122114	0.01	9.8083	9.9378593	7.68E-83	**
siR_122119	0.01	1.4172	7.14689956	1.34E-12	**
siR_12212	1.8434	0.7832	-1.23491649	0.000580844	**
siR_122141	12.0884	2.8716	-2.0736966	4.54E-38	**
siR_122159	0.01	6.4891	9.34187459	4.67E-55	**
siR_122163	1.6307	0.7459	-1.12843726	0.002621199	**
siR_122189	18.8948	3.17	-2.5754345	1.31E-75	**
siR_122230	3.8995	1.0815	-1.85025549	1.29E-11	**
siR_122240	5.0693	5.7805	0.18940774	0.257382104	
siR_122276	0.01	1.0442	6.70625425	1.77E-09	**
siR_12230	10.4932	12.307	0.23002442	0.046265046	
siR_122309	1.8079	0.9696	-0.89885328	0.008533461	
siR_12231	0.01	1.4172	7.14689956	1.34E-12	**
siR_122318	30.5224	1.8647	-4.03285296	3.35E-183	**
siR_122321	11.1667	5.6687	-0.97811308	1.54E-12	
siR_122323	0.8862	1.3426	0.59932532	0.109876009	
siR_122331	1.8079	0.5967	-1.5992372	3.50E-05	**
siR_122352	3.5095	1.9766	-0.82824456	0.000594147	
siR_122396	1.737	0.2611	-2.73392339	1.25E-08	**
siR_122405	1.0989	0.1865	-2.55881257	1.47E-05	**
siR_122415	0.01	2.0139	7.65384824	1.35E-17	**
siR_122419	0.01	10.4796	10.03336794	1.85E-88	**
siR_122430	0.01	2.2003	7.78155643	3.72E-19	**
siR_122434	0.01	6.5637	9.35836549	1.11E-55	**
siR_122459	2.7651	0.8951	-1.62721088	1.98E-07	**
siR_122470	0.01	1.3053	7.02823761	1.15E-11	**
siR_122487	9.217	2.6479	-1.79944861	1.29E-24	**
siR_122490	2.9423	1.6782	-0.81002969	0.002054304	
siR_1225	1.737	0.8205	-1.08202252	0.002661787	**
siR_122503	2.1624	1.3426	-0.68760387	0.022190244	
siR_122541	0.01	9.0251	9.81779911	2.76E-76	**
siR_12255	1.0989	0.9696	-0.1805985	0.64392648	
siR_122585	21.5536	4.9228	-2.13037782	7.40E-69	**
siR_122589	3.9349	1.9766	-0.99330603	2.24E-05	
siR_12263	148.2872	28.2688	-2.39111152	0	**
siR_122633	2.127	0.5967	-1.83374235	7.51E-07	**
siR_12267	13.1165	3.3564	-1.96639624	1.58E-38	**
siR_122674	0.01	1.0442	6.70625425	1.77E-09	**
siR_12268	14.3927	2.6852	-2.42223581	3.74E-54	**
siR_12269	1.418	0.3729	-1.92699683	3.23E-05	**
siR_122708	2.0561	0.3729	-2.46304973	4.71E-09	**
siR_12272	0.01	1.4918	7.22091032	3.17E-13	**
siR_122726	17.2641	5.2211	-1.72534943	2.80E-42	**
siR_122750	1.6307	0.8951	-0.86537062	0.015654369	
siR_122754	27.7219	28.9027	0.06017813	0.410223265	
siR_122756	227.6951	137.1668	-0.73117191	1.99E-137	
siR_122757	8.2244	3.4683	-1.24568174	1.69E-13	**

siR_122764	41.6182	42.3285	0.0244148	0.683927757	
siR_122765	4.0058	1.4918	-1.42503626	1.26E-08	**
siR_122769	16.8742	15.4024	-0.13166394	0.174990667	
siR_122783	0.01	2.8343	8.14684866	1.83E-24	**
siR_122786	0.01	1.0442	6.70625425	1.77E-09	**
siR_122788	0.01	1.529	7.2564446	1.55E-13	**
siR_122793	0.01	5.1093	8.99698184	1.66E-43	**
siR_122840	1.3825	0.4475	-1.62731989	0.000260107	**
siR_12285	30.5933	9.2862	-1.72005548	2.71E-73	**
siR_122887	0.01	1.0442	6.70625425	1.77E-09	**
siR_122890	4.9275	3.7667	-0.38755474	0.039491534	
siR_122905	0.01	1.1188	6.80580835	4.20E-10	**
siR_122906	6.3101	6.2281	-0.01887076	0.90493886	
siR_122909	2.0915	0.8205	-1.34996276	8.47E-05	**
siR_122918	0.01	1.3799	7.10841991	2.74E-12	**
siR_122920	9.7842	2.0512	-2.25398573	2.28E-34	**
siR_122930	1.6307	1.1934	-0.45041371	0.176306369	
siR_122934	1.8079	0.6713	-1.42928533	0.000138786	**
siR_122951	0.01	4.2142	8.71911497	5.16E-36	**
siR_122967	2.7296	1.268	-1.10613481	0.000119353	**
siR_122969	2.9069	0.634	-2.1969267	6.85E-11	**
siR_122982	4.5376	1.4918	-1.60487531	3.73E-11	**
siR_122997	3.7577	0.8578	-2.13113667	3.10E-13	**
siR_123018	1.9497	0.7459	-1.38619802	0.000108984	**
siR_123045	2.127	1.0442	-1.02642197	0.001422645	**
siR_123062	1.028	0.8951	-0.19971949	0.622135026	
siR_123069	1.4534	0.2984	-2.28411237	2.74E-06	**
siR_123073	1.2053	0.4848	-1.31393068	0.003684871	**
siR_123074	3.5804	1.268	-1.49756603	2.41E-08	**
siR_123078	1.028	0.2611	-1.9771659	0.000342937	**
siR_123082	42.0791	21.9288	-0.94027698	2.43E-40	
siR_123086	2.2333	0.634	-1.81662232	4.66E-07	**
siR_123091	3.6159	1.1188	-1.69240262	9.04E-10	**
siR_123094	2.5524	1.3799	-0.88729072	0.001937131	
siR_123103	0.01	1.1561	6.85312238	2.05E-10	**
siR_123105	0.01	2.163	7.75688986	7.63E-19	**
siR_123109	1.5598	0.4475	-1.80140147	3.03E-05	**
siR_123120	163.6015	38.7856	-2.07659295	0	**
siR_123144	4.0058	1.1188	-1.84013823	8.12E-12	**
siR_123167	0.01	5.1093	8.99698184	1.66E-43	**
siR_123171	1.3825	0.7459	-0.89022535	0.022894115	
siR_123178	2.8714	0.5594	-2.35980216	1.27E-11	**
siR_123186	4.9275	3.2446	-0.60281524	0.002035906	
siR_123204	1.2762	0.7459	-0.77480031	0.052442918	
siR_123219	0.01	2.0885	7.70632333	3.21E-18	**
siR_123240	2.8005	4.1769	0.57674818	0.006191732	
siR_123267	1.2053	0.3729	-1.69253158	0.000467353	**

siR_123362	0.01	7.1977	9.49139216	5.47E-61	**
siR_123363	0.01	6.6383	9.37467002	2.63E-56	**
siR_123372	1.8079	0.3729	-2.27745418	1.64E-07	**
siR_123378	2.2688	1.1188	-1.01997728	0.001040485	**
siR_123388	1.7016	0.7459	-1.18983781	0.001338714	**
siR_123443	0.01	1.1188	6.80580835	4.20E-10	**
siR_123449	14.7826	8.6895	-0.76655497	3.65E-11	
siR_123451	2.0915	2.6852	0.36049155	0.154634876	
siR_123454	3.0841	1.4545	-1.08432625	5.64E-05	**
siR_123467	0.01	1.3053	7.02823761	1.15E-11	**
siR_123470	0.01	1.0815	6.75688986	8.62E-10	**
siR_123476	1.2407	0.1119	-3.47087237	8.26E-08	**
siR_123518	1.3471	0.1865	-2.85260942	3.30E-07	**
siR_12353	19.6747	11.1509	-0.81918148	6.15E-16	
siR_123533	1.0989	0.0746	-3.88074067	1.47E-07	**
siR_12359	1.418	0.5594	-1.34190537	0.001335576	**
siR_123590	2.7296	0.7832	-1.80123688	2.88E-08	**
siR_1236	0.01	1.0815	6.75688986	8.62E-10	**
siR_12365	2.6942	1.7901	-0.58981677	0.025702861	
siR_123669	0.01	8.0182	9.64713459	7.41E-68	**
siR_123679	3.4032	4.438	0.38301773	0.052551529	
siR_123683	4.1476	3.7294	-0.15333322	0.437141649	
siR_123685	0.01	9.2862	9.85894454	1.80E-78	**
siR_123710	1.0635	0.1119	-3.24853809	1.55E-06	**
siR_123719	0.6381	1.2307	0.94762469	0.022964794	
siR_123732	1.0635	0.2984	-1.83350059	0.000528454	**
siR_123734	3.2259	0.4848	-2.73424011	5.77E-15	**
siR_123737	1.0989	0.1492	-2.88074067	3.93E-06	**
siR_123765	1.5952	0.2984	-2.41841787	3.60E-07	**
siR_12381	0.01	1.8274	7.51364865	4.92E-16	**
siR_123824	1.4534	0.634	-1.19687707	0.002948104	**
siR_12383	0.01	1.6782	7.39077085	8.72E-15	**
siR_123868	1.2053	0.2984	-2.01407284	8.31E-05	**
siR_123872	1.9497	0.3356	-2.53843753	6.67E-09	**
siR_123879	1.0989	0.2238	-2.29577817	4.70E-05	**
siR_123901	2.0206	1.529	-0.40219535	0.174476022	
siR_123905	1.5243	0.3729	-2.03128617	7.99E-06	**
siR_123907	1.5598	0.5594	-1.4794089	0.000288819	**
siR_123913	0.01	3.5056	8.45351758	4.40E-30	**
siR_123919	0.01	1.6036	7.32517051	3.67E-14	**
siR_123961	2.1624	0.5221	-2.05023535	7.77E-08	**
siR_123969	1.9143	0.5967	-1.68173926	1.01E-05	**
siR_123980	1.5952	0.4848	-1.71827571	4.42E-05	**
siR_123990	0.01	1.8274	7.51364865	4.92E-16	**
siR_123991	0.01	1.9766	7.62687714	2.78E-17	**
siR_124048	2.6942	3.1327	0.21754967	0.340874764	
siR_124049	1.5598	1.529	-0.02877265	0.930303239	

siR_124053	8.4016	4.3261	-0.95759709	1.71E-09	
siR_124059	1.1698	0.0746	-3.97094245	4.33E-08	**
siR_124066	1.3116	1.4918	0.18572633	0.572775628	
siR_124072	1.5243	0.8205	-0.89357163	0.016425748	
siR_124076	3.6868	0.9696	-1.92690755	1.36E-11	**
siR_124102	0.01	2.536	7.98641094	5.76E-22	**
siR_12412	5.3529	6.0043	0.16567536	0.31058031	
siR_124135	13.0456	11.2627	-0.21201057	0.058310597	
siR_12415	1.4889	1.6782	0.1726678	0.576831629	
siR_124175	2.0915	2.163	0.04849567	0.854029511	
siR_124182	8.0826	1.0442	-2.95242139	3.19E-38	**
siR_124202	4.7503	2.6479	-0.84316999	4.87E-05	
siR_124222	1.1344	0.634	-0.83937469	0.050540314	
siR_124224	4.4312	4.7736	0.10738024	0.55343151	
siR_124235	0.01	1.3426	7.06888574	5.63E-12	**
siR_124236	7.2318	7.4588	0.04458876	0.755208411	
siR_124238	3.9349	2.6106	-0.59194555	0.006729656	
siR_124246	1.2407	0.5594	-1.14920216	0.007946935	**
siR_124252	1.4889	0.3729	-1.99738616	1.28E-05	**
siR_124262	1.2407	0.1865	-2.73390678	1.71E-06	**
siR_124285	4.4667	1.3053	-1.77482794	1.85E-12	**
siR_124286	1.5952	0.4102	-1.95933792	8.02E-06	**
siR_124303	1.3116	0.1492	-3.13600837	1.33E-07	**
siR_124309	1.3116	0.4848	-1.4358662	0.001178471	**
siR_124351	19.3911	13.7241	-0.4986831	2.36E-07	
siR_124353	14.9953	9.3235	-0.68556684	1.49E-09	
siR_124362	1.0635	0.5967	-0.83374235	0.060029399	
siR_124368	1.4534	0.4848	-1.58397021	0.000237648	**
siR_124377	14.6408	1.6409	-3.15743516	1.65E-72	**
siR_124378	0.01	1.3426	7.06888574	5.63E-12	**
siR_124381	0.01	1.0815	6.75688986	8.62E-10	**
siR_124382	0.01	1.0442	6.70625425	1.77E-09	**
siR_124384	0.01	1.1561	6.85312238	2.05E-10	**
siR_124387	3.864	1.902	-1.02257785	1.69E-05	**
siR_124394	1.0635	0.8205	-0.37424479	0.360625484	
siR_124410	18.6821	9.0997	-1.03776574	7.37E-22	**
siR_124419	4.2185	0.9323	-2.17786393	4.70E-15	**
siR_124423	1.6307	1.268	-0.36293665	0.268725219	
siR_124426	4.3249	4.1769	-0.05023417	0.792370739	
siR_124439	1.1344	0.5594	-1.01997728	0.02136103	*
siR_124478	1.418	0.6713	-1.07882799	0.006897488	**
siR_124481	20.6673	4.2888	-2.26870398	2.41E-71	**
siR_124485	1.0635	0.0746	-3.83350059	2.71E-07	**
siR_124487	1.2053	0.5967	-1.0143146	0.01809496	*
siR_124491	1.9143	1.1934	-0.68173926	0.032888999	
siR_124496	0.01	1.2307	6.94333532	4.86E-11	**
siR_124497	1.4889	0.1865	-2.99699932	3.55E-08	**

siR_124499	1. 0635	0. 2611	-2. 02614567	0. 000213675	**
siR_12450	10. 2096	4. 8482	-1. 07440522	2. 85E-13	**
siR_124509	11. 3085	3. 5056	-1. 68967428	1. 78E-27	**
siR_124510	1. 0635	0. 1492	-2. 83350059	6. 84E-06	**
siR_124518	2. 4106	0. 0746	-5. 01407284	1. 16E-17	**
siR_124539	1. 7016	1. 1934	-0. 51181426	0. 120249063	
siR_124540	3. 4741	1. 6782	-1. 04972462	3. 11E-05	**
siR_124542	1. 7725	1. 8647	0. 07315792	0. 798401177	
siR_124543	0. 6735	1. 0069	0. 58017056	0. 17959779	
siR_124610	1. 3116	0. 3356	-1. 96651319	5. 19E-05	**
siR_124613	3. 4741	0. 5967	-2. 5415616	6. 84E-15	**
siR_124625	1. 418	1. 1561	-0. 29459134	0. 397965171	
siR_124665	20. 3837	7. 0858	-1. 5244133	8. 22E-42	**
siR_1247	3. 155	2. 3868	-0. 40256232	0. 08845645	
siR_124715	0. 01	1. 0815	6. 75688986	8. 62E-10	**
siR_12472	2. 0915	0. 8951	-1. 22441722	0. 000267923	**
siR_124723	0. 01	1. 7528	7. 45351758	2. 07E-15	**
siR_124752	1. 0989	0. 0373	-4. 88074067	1. 72E-08	**
siR_124753	3. 9704	0. 5594	-2. 8273322	1. 04E-18	**
siR_124772	1. 9852	0. 1492	-3. 73396492	1. 83E-12	**
siR_1248	4. 7857	3. 2073	-0. 57737066	0. 003449394	
siR_124807	3. 0487	2. 797	-0. 12431394	0. 58842659	
siR_124823	0. 01	2. 9835	8. 22086197	1. 03E-25	**
siR_124832	0. 01	3. 0581	8. 25649177	2. 46E-26	**
siR_124852	0. 01	1. 1934	6. 89893387	9. 98E-11	**
siR_124858	1. 0989	0. 4848	-1. 1805985	0. 010852128	*
siR_12489	1. 7016	0. 7459	-1. 18983781	0. 001338714	**
siR_124924	6. 4519	1. 3053	-2. 30534266	8. 92E-24	**
siR_124946	1. 2762	0. 6713	-0. 92682489	0. 023898405	
siR_124966	56. 5781	25. 8819	-1. 1283002	1. 06E-71	**
siR_124967	1. 2053	0. 4848	-1. 31393068	0. 003684871	**
siR_124972	3. 0841	1. 4545	-1. 08432625	5. 64E-05	**
siR_124977	1. 7016	0. 7086	-1. 26384857	0. 000771078	**
siR_124991	846. 6158	188. 5205	-2. 166986	0	**
siR_124992	12. 0884	2. 7597	-2. 13103996	2. 33E-39	**
siR_124996	438. 9059	57. 7309	-2. 92649604	0	**
siR_124997	3. 2968	1. 2307	-1. 42158724	2. 63E-07	**
siR_124998	1. 5598	0. 1119	-3. 80107911	3. 76E-10	**
siR_12500	0. 01	2. 8343	8. 14684866	1. 83E-24	**
siR_125001	0. 01	22. 6001	11. 14211344	6. 42E-190	**
siR_125006	2474. 4068	302. 1176	-3. 03390057	0	**
siR_125007	27. 0129	12. 9037	-1. 06586373	3. 39E-32	**
siR_125008	51. 8987	11. 7476	-2. 14333235	1. 64E-164	**
siR_125009	10. 2096	5. 3703	-0. 92685176	1. 03E-10	
siR_125010	2. 3397	0. 4102	-2. 51192416	2. 49E-10	**
siR_12502	0. 01	1. 8274	7. 51364865	4. 92E-16	**
siR_125036	1. 9143	0. 5967	-1. 68173926	1. 01E-05	**

siR_125037	0.8153	1.0069	0.30451749	0.458490285	
siR_125054	1.3116	0.3729	-1.8144671	0.00012559	**
siR_125056	1.028	0.5594	-0.87788811	0.053501766	
siR_125064	0.01	32.1473	11.65048186	7.75E-270	**
siR_125109	3.7222	1.6409	-1.18166826	2.09E-06	**
siR_125135	1.2407	0.6713	-0.88612477	0.0320329	
siR_125150	0.01	24.4648	11.25649177	1.58E-205	**
siR_125161	0.01	60.9009	12.57224783	0	**
siR_125168	0.01	6.0789	9.24766648	1.27E-51	**
siR_125206	0.01	2.4614	7.94333532	2.43E-21	**
siR_125209	0.01	3.7667	8.55715732	2.87E-32	**
siR_125210	0.01	1.4918	7.22091032	3.17E-13	**
siR_125234	1.418	0.7459	-0.9268034	0.017122488	
siR_125246	2.5169	1.1188	-1.16969574	0.000112756	**
siR_125262	1.0989	0.1492	-2.88074067	3.93E-06	**
siR_125281	1.5598	0.7086	-1.13831769	0.003056445	**
siR_125285	0.01	2.2003	7.78155643	3.72E-19	**
siR_125338	1.418	0.3729	-1.92699683	3.23E-05	**
siR_125347	0.01	1.3053	7.02823761	1.15E-11	**
siR_125359	13.6837	7.235	-0.91939346	1.05E-13	
siR_125366	0.01	1.7901	7.48389637	1.01E-15	**
siR_125368	0.01	1.4545	7.18437949	6.51E-13	**
siR_125386	4.0058	2.3122	-0.7928242	0.000406321	
siR_125387	28.3245	20.8473	-0.44218994	2.21E-08	
siR_125394	74.5513	30.6183	-1.28383933	1.01E-114	**
siR_125395	1.1344	0.6713	-0.75689989	0.073613489	
siR_125398	5.4238	3.3192	-0.70846842	0.000187382	
siR_125399	52.2887	15.5142	-1.7529099	3.00E-127	**
siR_125401	2.1624	1.6036	-0.43131909	0.13364624	
siR_125414	12.8683	10.5542	-0.28600425	0.012257965	
siR_125430	1.5598	0.0373	-5.38604162	4.02E-12	**
siR_125434	10.3159	8.6522	-0.25373077	0.045512102	
siR_125449	1.9143	1.268	-0.59426219	0.058982077	
siR_125451	0.01	3.8786	8.59939219	3.33E-33	**
siR_125455	1.3471	0.9696	-0.47439535	0.198369951	
siR_125463	1.418	0.6713	-1.07882799	0.006897488	**
siR_125503	0.01	2.4241	7.9213054	4.98E-21	**
siR_125504	1.1698	0.2984	-1.97094245	0.000133017	**
siR_125514	1.737	0.5221	-1.73419969	1.76E-05	**
siR_125524	0.01	5.7805	9.17505048	3.99E-49	**
siR_12554	10.635	3.0954	-1.78062228	8.80E-28	**
siR_125541	2.3751	1.3053	-0.86360683	0.003488456	
siR_125548	0.01	2.3495	7.87620996	2.10E-20	**
siR_125553	0.01	3.7667	8.55715732	2.87E-32	**
siR_12556	0.01	12.7918	10.32100357	8.15E-108	**
siR_125579	3.864	1.9766	-0.96707415	3.98E-05	
siR_125581	0.01	1.6782	7.39077085	8.72E-15	**

siR_125607	1. 9143	0. 8205	-1. 2222417	0. 000503383	**
siR_125608	1. 0989	0. 634	-0. 79350536	0. 066742311	
siR_125629	2. 127	0. 7459	-1. 5117659	1. 59E-05	**
siR_125630	1. 6661	0. 4848	-1. 78101339	1. 86E-05	**
siR_125631	1. 1344	0. 4102	-1. 46753004	0. 002218064	**
siR_125648	2. 5878	1. 1188	-1. 20977396	5. 77E-05	**
siR_125653	4. 254	1. 6036	-1. 40750571	6. 20E-09	**
siR_125663	2. 446	0. 9323	-1. 39155823	1. 33E-05	**
siR_125665	1. 8079	1. 5663	-0. 20695432	0. 495278053	
siR_125666	5. 6011	5. 4076	-0. 05072175	0. 761719072	
siR_125669	3. 3677	2. 4987	-0. 43058593	0. 060904434	
siR_125671	1. 9143	1. 1188	-0. 77486478	0. 017050104	
siR_125673	2. 0561	1. 6409	-0. 32542311	0. 261432417	
siR_125684	1. 1344	0. 2984	-1. 92661	0. 000211792	**
siR_125686	6. 3455	1. 3799	-2. 20117013	3. 32E-22	**
siR_125687	1. 3116	0. 2611	-2. 32865344	6. 82E-06	**
siR_125730	14. 7117	1. 5663	-3. 2315315	1. 99E-74	**
siR_125732	79. 3724	18. 1248	-2. 13067235	1. 05E-248	**
siR_125758	1. 2407	0. 3356	-1. 88633969	0. 000130463	**
siR_12576	1. 9143	1. 7901	-0. 09677676	0. 739086839	
siR_125772	1. 3116	0. 2238	-2. 55104587	2. 11E-06	**
siR_125779	5. 282	0. 4102	-3. 6866849	7. 94E-31	**
siR_12578	5. 8138	2. 6106	-1. 15510002	5. 44E-09	**
siR_12580	1. 7016	2. 163	0. 34614173	0. 218923244	
siR_125807	2. 446	1. 7901	-0. 45038422	0. 096546512	
siR_125816	0. 01	1. 3426	7. 06888574	5. 63E-12	**
siR_125820	4. 1476	1. 6036	-1. 37096244	1. 86E-08	**
siR_125825	3. 0132	0. 5221	-2. 52889837	5. 03E-13	**
siR_125836	3. 1905	2. 797	-0. 18990228	0. 402264911	
siR_125868	1. 9497	0. 8205	-1. 24867691	0. 000355602	**
siR_125915	0. 01	1. 3426	7. 06888574	5. 63E-12	**
siR_12595	2. 9069	0. 7086	-2. 03643807	5. 05E-10	**
siR_125951	2. 7296	1. 0069	-1. 43876914	2. 35E-06	**
siR_125959	0. 01	3. 5429	8. 46878694	2. 15E-30	**
siR_125992	2. 1624	1. 2307	-0. 81315429	0. 008149142	
siR_126006	3. 6159	0. 7832	-2. 20690211	2. 72E-13	**
siR_126016	2. 7651	0. 8951	-1. 62721088	1. 98E-07	**
siR_126028	6. 7355	1. 8274	-1. 88199259	1. 89E-19	**
siR_126033	0. 01	11. 5984	10. 17971008	7. 96E-98	**
siR_126036	18. 3985	11. 4865	-0. 67964888	2. 98E-11	
siR_126041	12. 8683	12. 4189	-0. 05128408	0. 640514177	
siR_126089	0. 01	3. 3192	8. 37469175	1. 60E-28	**
siR_126096	3. 3677	2. 2003	-0. 61406339	0. 009633644	
siR_12612	2. 0915	0. 8205	-1. 34996276	8. 47E-05	**
siR_126163	3. 155	1. 9766	-0. 67461906	0. 006468521	
siR_126175	2. 9778	0. 8951	-1. 73412609	1. 62E-08	**
siR_126176	0. 01	55. 6052	12. 44100409	0	**

siR_126177	0.01	1.0069	6.6537766	3.63E-09	**
siR_126189	10.4932	1.4545	-2.85085951	1.71E-47	**
siR_12619	3.1905	0.8578	-1.89506931	5.11E-10	**
siR_126200	2.7296	0.9323	-1.54982338	6.11E-07	**
siR_126203	2.2333	1.3053	-0.77479564	0.00988143	
siR_126219	0.01	1.6409	7.35834351	1.79E-14	**
siR_126229	2.0915	0.2238	-3.22425606	1.05E-11	**
siR_126232	0.01	1.4172	7.14689956	1.34E-12	**
siR_126254	1.1344	0.8205	-0.4673542	0.245331337	
siR_126274	4.254	3.4683	-0.29459134	0.139754	
siR_126275	4.254	2.3122	-0.87955384	6.82E-05	
siR_126288	0.01	1.268	6.98641094	2.37E-11	**
siR_126291	26.7647	12.5307	-1.09486447	2.91E-33	**
siR_126296	8.0471	2.536	-1.66591422	1.26E-19	**
siR_126321	1.0635	0.1492	-2.83350059	6.84E-06	**
siR_126328	7.4445	3.2446	-1.19813432	1.05E-11	**
siR_126337	1.9852	0.8578	-1.21057114	0.000435901	**
siR_126423	0.01	4.4753	8.80584059	3.37E-38	**
siR_126424	0.01	1.3053	7.02823761	1.15E-11	**
siR_126465	0.01	1.7901	7.48389637	1.01E-15	**
siR_126477	0.01	1.3799	7.10841991	2.74E-12	**
siR_12648	2.9778	1.0815	-1.46121319	6.00E-07	**
siR_126508	0.01	6.4891	9.34187459	4.67E-55	**
siR_126509	0.01	1.5663	7.29121675	7.54E-14	**
siR_126510	0.01	1.2307	6.94333532	4.86E-11	**
siR_126512	0.01	44.3424	12.11447114	0	**
siR_126520	0.01	2.3122	7.85312238	4.30E-20	**
siR_126531	3.0132	0.1865	-4.0140489	3.02E-19	**
siR_126556	3.9349	2.0139	-0.96633492	3.42E-05	
siR_12656	6.7	4.5871	-0.54657874	0.000978701	
siR_126562	3.1196	1.8647	-0.74241751	0.003235838	
siR_126564	3.4032	1.3053	-1.38251052	3.02E-07	**
siR_126565	18.7176	5.706	-1.71384381	2.75E-45	**
siR_126569	2.4106	1.268	-0.92683753	0.001786315	
siR_12657	1.0989	0.9696	-0.1805985	0.64392648	
siR_126573	1.418	6.1162	2.10877805	1.22E-20	**
siR_126578	3.3677	17.0806	2.34252312	2.76E-62	**
siR_126579	0.5672	4.8109	3.08437737	1.17E-24	**
siR_126583	5.5302	1.5663	-1.81997109	1.43E-15	**
siR_126587	1.9143	1.529	-0.32422853	0.280552793	
siR_12659	1.3471	0.3356	-2.00504233	3.25E-05	**
siR_1266	0.01	1.0442	6.70625425	1.77E-09	**
siR_126636	0.01	3.17	8.30833903	2.84E-27	**
siR_126667	1.0989	0.2611	-2.07338574	0.000132441	**
siR_126676	1.3825	0.2611	-2.40460512	2.46E-06	**
siR_126682	0.01	1.268	6.98641094	2.37E-11	**
siR_12669	14.499	6.0789	-1.25407121	7.00E-23	**

siR_126705	1. 8079	0. 3729	-2. 27745418	1. 64E-07	**
siR_12671	5. 5302	1. 9766	-1. 48431071	5. 14E-12	**
siR_126748	4. 1122	4. 4007	0. 09782259	0. 603427187	
siR_126753	9. 9969	18. 5723	0. 89359979	2. 19E-17	
siR_126789	1. 2407	0. 4475	-1. 47119473	0. 001326969	**
siR_12680	0. 01	2. 0885	7. 70632333	3. 21E-18	**
siR_126831	1. 1698	0. 7459	-0. 64920776	0. 112106036	
siR_126846	70. 0137	44. 417	-0. 6565253	2. 55E-36	
siR_126851	22. 298	19. 2063	-0. 2153347	0. 011923548	
siR_126852	2. 5169	1. 4172	-0. 82860453	0. 003683551	
siR_126857	0. 01	9. 0251	9. 81779911	2. 76E-76	**
siR_126861	6. 3101	5. 2957	-0. 25284147	0. 11948828	
siR_126877	11. 2731	6. 7875	-0. 7319321	2. 87E-08	
siR_126897	2. 446	2. 6106	0. 09395702	0. 700256411	
siR_126901	1. 0989	0. 7459	-0. 55900597	0. 178387672	
siR_126913	1. 4534	0. 7086	-1. 03638844	0. 008088782	**
siR_12692	2. 3042	1. 902	-0. 2767487	0. 307490572	
siR_12693	1. 0635	0. 7086	-0. 58577666	0. 167596979	
siR_126959	1. 5243	1. 8647	0. 29079667	0. 333016373	
siR_126966	18. 8239	13. 5004	-0. 47956341	8. 97E-07	
siR_126967	4. 5021	1. 902	-1. 24308086	5. 48E-08	**
siR_12701	1. 4534	0. 9323	-0. 64056564	0. 079347154	
siR_127019	6. 4873	6. 4145	-0. 01628134	0. 916932022	
siR_127020	1. 7725	0. 8205	-1. 11121039	0. 001927105	**
siR_127026	6. 4519	4. 5871	-0. 49214172	0. 003280107	
siR_127054	7. 5863	2. 4987	-1. 60221873	1. 16E-17	**
siR_127072	2. 4106	2. 0512	-0. 23292411	0. 376073249	
siR_127115	0. 01	2. 2376	7. 80580835	1. 81E-19	**
siR_127135	1. 1344	0. 1492	-2. 92661	2. 25E-06	**
siR_127155	0. 01	5. 0347	8. 97576201	6. 99E-43	**
siR_127221	0. 01	12. 0459	10. 23432647	1. 43E-101	**
siR_127228	1. 1698	0. 2611	-2. 16358753	5. 01E-05	**
siR_127272	0. 01	1. 268	6. 98641094	2. 37E-11	**
siR_12728	9. 7842	4. 8855	-1. 00194767	1. 48E-11	**
siR_127320	3. 5095	1. 7155	-1. 03263638	3. 61E-05	**
siR_127342	79. 9751	17. 2298	-2. 21464494	5. 93E-263	**
siR_127365	0. 01	1. 1188	6. 80580835	4. 20E-10	**
siR_12737	0. 01	3. 431	8. 42248532	1. 85E-29	**
siR_127431	6. 4519	2. 9089	-1. 14925038	9. 25E-10	**
siR_127487	0. 01	4. 7736	8. 89893387	1. 07E-40	**
siR_127493	0. 01	2. 0139	7. 65384824	1. 35E-17	**
siR_127497	0. 01	1. 4545	7. 18437949	6. 51E-13	**
siR_127512	1. 7725	0. 4848	-1. 87032402	4. 91E-06	**
siR_12755	0. 01	1. 7155	7. 42248532	4. 25E-15	**
siR_127558	1. 9143	0. 1119	-4. 096535	8. 31E-13	**
siR_127609	0. 01	1. 7901	7. 48389637	1. 01E-15	**
siR_12763	0. 01	1. 6782	7. 39077085	8. 72E-15	**

siR_127670	1.028	1.3053	0.34454116	0.342702363	
siR_127697	1.5598	0.634	-1.29880631	0.001018403	**
siR_127707	3.864	1.9766	-0.96707415	3.98E-05	
siR_127709	25.7367	17.1552	-0.58518114	5.84E-12	
siR_127713	6.7	10.4423	0.64020651	1.95E-06	
siR_127740	1.0989	2.3122	1.07320609	0.000522477	**
siR_127743	5.1757	4.5126	-0.19779509	0.265831009	
siR_127753	1.8079	0.5967	-1.5992372	3.50E-05	**
siR_127783	15.9525	30.2453	0.92292844	9.19E-29	
siR_127785	0.01	7.3096	9.51364865	6.33E-62	**
siR_127809	0.01	1.0442	6.70625425	1.77E-09	**
siR_12781	0.01	3.17	8.30833903	2.84E-27	**
siR_127812	0.01	21.6677	11.08133031	4.09E-182	**
siR_127818	0.01	3.1327	8.29126281	5.83E-27	**
siR_127822	0.01	2.4241	7.9213054	4.98E-21	**
siR_127823	0.01	1.8647	7.54279973	2.40E-16	**
siR_12783	3.3323	1.3799	-1.27195457	2.00E-06	**
siR_127834	0.01	2.3868	7.89893387	1.02E-20	**
siR_127841	0.01	12.6426	10.30407747	1.44E-106	**
siR_127846	0.01	1.8274	7.51364865	4.92E-16	**
siR_127853	1.1698	0.7459	-0.64920776	0.112106036	
siR_127868	1.7725	0.1119	-3.98550369	9.72E-12	**
siR_127905	3.2614	3.5056	0.10417	0.621770128	
siR_127906	2.5878	2.4241	-0.09427691	0.704679575	
siR_12792	2.6942	2.6106	-0.04547553	0.851797786	
siR_127934	3.155	1.0069	-1.6477196	2.02E-08	**
siR_127940	1.2053	0.0746	-4.01407284	2.34E-08	**
siR_127942	229.7866	27.9331	-3.04024707	0	**
siR_127943	4.1831	0.8951	-2.22445171	2.68E-15	**
siR_127944	1.0635	0.1492	-2.83350059	6.84E-06	**
siR_12795	6.9482	1.1561	-2.58737309	6.20E-29	**
siR_127986	4.5021	0.6713	-2.74556855	1.94E-20	**
siR_127990	0.01	1.6782	7.39077085	8.72E-15	**
siR_128013	2.5169	2.1258	-0.24364203	0.344717819	
siR_128017	0.01	2.0885	7.70632333	3.21E-18	**
siR_12803	0.01	3.5429	8.46878694	2.15E-30	**
siR_128044	13.6837	6.3773	-1.10144073	6.22E-18	**
siR_128068	1.3825	0.4848	-1.51181788	0.000534972	**
siR_128077	1.8079	0.7459	-1.27726075	0.000470054	**
siR_128085	0.01	1.7155	7.42248532	4.25E-15	**
siR_128090	0.01	1.0815	6.75688986	8.62E-10	**
siR_1281	2.9069	2.9835	0.03752433	0.866909787	
siR_128156	16.5197	9.137	-0.85439503	1.60E-14	
siR_128165	4.1122	2.0512	-1.00344227	1.24E-05	**
siR_128168	1.7016	1.6036	-0.08557762	0.781632893	
siR_128174	0.01	1.4545	7.18437949	6.51E-13	**
siR_128175	0.01	1.0815	6.75688986	8.62E-10	**

siR_128199	2.0206	0.5221	-1.95238569	4.98E-07	**
siR_128214	11.9821	5.6314	-1.08931524	1.24E-15	**
siR_128216	1.5243	2.7597	0.85636457	0.001671899	
siR_128224	0.01	1.1561	6.85312238	2.05E-10	**
siR_128228	0.01	9.6591	9.91574496	1.36E-81	**
siR_128232	0.01	2.6106	8.02823761	1.37E-22	**
siR_128233	0.01	2.4987	7.96503389	1.18E-21	**
siR_128239	1.9143	0.6713	-1.51178739	4.32E-05	**
siR_128257	1.0989	0.5221	-1.07366204	0.018227899	*
siR_128265	0.01	13.0156	10.3460261	1.09E-109	**
siR_128266	0.01	1.0069	6.6537766	3.63E-09	**
siR_128270	0.01	1.1188	6.80580835	4.20E-10	**
siR_12831	3.864	2.2749	-0.76429197	0.000768113	
siR_128324	2.7651	1.0069	-1.45741125	1.60E-06	**
siR_12834	7.4445	4.4753	-0.73419056	6.23E-06	
siR_128343	0.01	4.699	8.87620996	4.51E-40	**
siR_128344	0.01	1.8274	7.51364865	4.92E-16	**
siR_128353	0.01	1.0442	6.70625425	1.77E-09	**
siR_128381	1.3471	0.3729	-1.85299625	8.02E-05	**
siR_128390	5.9556	3.5802	-0.73420668	5.36E-05	
siR_128414	1.028	0.5967	-0.78476258	0.079326488	
siR_128435	0.01	1.9393	7.59939219	5.69E-17	**
siR_12848	0.01	1.1561	6.85312238	2.05E-10	**
siR_128511	0.01	2.4241	7.9213054	4.98E-21	**
siR_128540	11.8048	5.2584	-1.1666778	4.82E-17	**
siR_128566	5.8492	1.1561	-2.33897313	4.80E-22	**
siR_128568	1.418	0.0373	-5.24853809	5.33E-11	**
siR_128593	1.6307	0.1119	-3.86520945	1.12E-10	**
siR_128614	1.0635	0.2238	-2.24853809	7.77E-05	**
siR_128651	3.4386	1.8647	-0.88287776	0.000332258	
siR_128656	2.6233	0.634	-2.04882806	3.13E-09	**
siR_128663	1.2762	1.5663	0.29550613	0.367785826	
siR_128669	1.2762	0.5967	-1.09677676	0.009487354	**
siR_128670	0.01	1.2307	6.94333532	4.86E-11	**
siR_128672	51.6506	16.8568	-1.61545442	3.46E-112	**
siR_128673	1.0635	0.3729	-1.51195933	0.00248896	**
siR_128678	8.6852	2.6479	-1.71371043	7.38E-22	**
siR_12868	0.01	13.3512	10.3827537	1.69E-112	**
siR_1287	0.01	1.0069	6.6537766	3.63E-09	**
siR_128746	7.2672	1.6036	-2.18008529	6.21E-25	**
siR_12877	0.01	1.1934	6.89893387	9.98E-11	**
siR_128791	1.5952	1.6036	0.00757701	0.977649545	
siR_128807	2.3397	0.7086	-1.72328019	6.50E-07	**
siR_128808	40.0584	10.2185	-1.97092136	1.68E-114	**
siR_128817	1.0635	0.1865	-2.5115725	2.49E-05	**
siR_12885	0.01	1.6036	7.32517051	3.67E-14	**
siR_128890	3.2968	0.8205	-2.00649113	5.25E-11	**

siR_12891	0.01	28.4552	11.4744766	6.24E-239	**
siR_12892	0.01	1.4172	7.14689956	1.34E-12	**
siR_128921	1.5243	0.5221	-1.54574881	0.000215601	**
siR_12900	0.01	17.7892	10.79678592	1.20E-149	**
siR_129001	1.9852	0.634	-1.64672961	9.33E-06	**
siR_129006	3.1905	1.1934	-1.41870485	4.29E-07	**
siR_129014	5.1048	3.3564	-0.60493978	0.001632878	
siR_129024	43.7807	43.2609	-0.01723134	0.770763868	
siR_129040	4.6439	1.0069	-2.2054165	1.14E-16	**
siR_129042	19.6747	5.1466	-1.93465007	8.71E-56	**
siR_129043	2.9423	0.8205	-1.84236911	4.82E-09	**
siR_129051	2.446	1.0069	-1.28050399	4.39E-05	**
siR_129074	1.028	0.2611	-1.9771659	0.000342937	**
siR_129106	1.7725	2.163	0.28724804	0.302435243	
siR_12912	4.6439	3.5802	-0.37529672	0.052462789	
siR_129125	1.6307	1.3799	-0.24092767	0.453762935	
siR_129134	0.8508	1.0815	0.34614173	0.386002893	
siR_129167	0.01	1.0815	6.75688986	8.62E-10	**
siR_129177	2.836	7.7571	1.45165987	6.26E-16	**
siR_129178	0.7799	3.2819	2.07317022	1.67E-11	**
siR_129199	0.01	6.7875	9.40673648	1.49E-57	**
siR_12920	2.9778	1.4545	-1.03372356	0.00014156	**
siR_129202	0.01	8.3165	9.69983269	2.36E-70	**
siR_12921	8.4016	1.9393	-2.1151281	1.40E-27	**
siR_129215	1.3825	1.3426	-0.04224993	0.902829273	
siR_129218	0.01	1.4918	7.22091032	3.17E-13	**
siR_12922	4.7148	1.529	-1.62460817	1.03E-11	**
siR_129285	5.8492	6.3027	0.10773067	0.494693151	
siR_1293	0.01	1.0442	6.70625425	1.77E-09	**
siR_129324	10.7059	3.4683	-1.62610548	8.57E-25	**
siR_129325	1.6307	0.5594	-1.54353923	0.00013028	**
siR_129349	4.7148	3.0581	-0.62456099	0.001845008	
siR_129351	1.1698	1.1561	-0.0169957	0.966012024	
siR_129367	0.01	2.4614	7.94333532	2.43E-21	**
siR_129368	0.01	1.4918	7.22091032	3.17E-13	**
siR_129372	0.01	30.6556	11.58193493	2.38E-257	**
siR_129373	0.01	7.9063	9.62685889	6.41E-67	**
siR_129374	0.01	1.3799	7.10841991	2.74E-12	**
siR_12938	1.1344	0.7459	-0.60487531	0.14203681	
siR_129382	0.01	9.5472	9.89893387	1.18E-80	**
siR_129383	0.01	2.9835	8.22086197	1.03E-25	**
siR_129391	0.01	6.34	9.30833903	8.28E-54	**
siR_129392	0.01	2.0139	7.65384824	1.35E-17	**
siR_129398	0.01	55.2322	12.43129388	0	**
siR_129399	0.01	3.431	8.42248532	1.85E-29	**
siR_12940	1.2407	1.268	0.03140043	0.925522201	
siR_129408	76.4301	70.8211	-0.10996167	0.015405134	

siR_129418	10.1032	14.1717	0.48820052	1.42E-05	
siR_12942	0.9926	1.2307	0.31019477	0.403815445	
siR_129422	0.01	1.0815	6.75688986	8.62E-10	**
siR_129426	0.01	2.3868	7.89893387	1.02E-20	**
siR_129442	6.3101	7.3842	0.22677876	0.127863727	
siR_129460	4.1122	4.5871	0.15767193	0.39817736	
siR_129488	0.01	9.0624	9.82374936	1.35E-76	**
siR_129495	1.2407	2.163	0.80187935	0.008600553	
siR_129496	1.6661	2.9462	0.82238038	0.001701695	
siR_129501	2.0915	0.3729	-2.4876773	2.81E-09	**
siR_129502	0.01	2.1258	7.73186206	1.57E-18	**
siR_129525	0.01	2.9462	8.20271156	2.12E-25	**
siR_129565	1.2407	0.5594	-1.14920216	0.007946935	**
siR_129567	1.2762	0.8951	-0.51173367	0.179854611	
siR_129590	1.9497	2.536	0.37930259	0.146948441	
siR_129626	2.0915	2.4614	0.23494113	0.363638014	
siR_129628	5.282	4.1023	-0.3646513	0.043990409	
siR_129649	0.01	43.0371	12.07136515	0	**
siR_129659	0.01	3.431	8.42248532	1.85E-29	**
siR_12969	0.01	1.4918	7.22091032	3.17E-13	**
siR_129709	0.01	9.8083	9.9378593	7.68E-83	**
siR_129728	3.2259	2.3122	-0.48043552	0.042505752	
siR_129730	0.01	1.4172	7.14689956	1.34E-12	**
siR_129785	1.0989	0.8205	-0.42148487	0.29881012	
siR_129792	14.7472	12.1578	-0.27855887	0.008917246	
siR_12982	0.01	6.1908	9.27398204	1.47E-52	**
siR_129843	0.01	1.6782	7.39077085	8.72E-15	**
siR_129866	2.0915	1.7901	-0.22449782	0.42674654	
siR_129889	1.4889	1.1561	-0.36498067	0.288568542	
siR_129936	10.2096	8.4284	-0.27659566	0.030760872	
siR_129958	0.01	2.536	7.98641094	5.76E-22	**
siR_12999	1.2762	0.6713	-0.92682489	0.023898405	
siR_129994	0.01	1.1934	6.89893387	9.98E-11	**
siR_13001	4.254	1.7155	-1.31019091	3.75E-08	**
siR_130044	1.0989	0.2984	-1.88074067	0.000335467	**
siR_130064	7.09	3.431	-1.0471565	2.62E-09	**
siR_130066	3.6513	1.6782	-1.12149555	6.59E-06	**
siR_130087	2.3397	1.529	-0.61373515	0.031403936	
siR_130088	71.8571	30.9912	-1.21327209	1.96E-101	**
siR_13012	0.01	11.5238	10.17040081	3.35E-97	**
siR_130129	0.01	1.8274	7.51364865	4.92E-16	**
siR_130190	1.2053	0.7832	-0.62193961	0.120458422	
siR_130198	0.01	1.0442	6.70625425	1.77E-09	**
siR_130219	8.3662	8.3911	0.00428746	0.973302575	
siR_130229	0.01	2.0885	7.70632333	3.21E-18	**
siR_130232	1.4889	0.3356	-2.14943224	4.80E-06	**
siR_130233	9.2879	2.9835	-1.63834666	6.27E-22	**

siR_130236	7.8344	1.7901	-2.12978261	4.92E-26	**
siR_130241	4.0413	3.3937	-0.25196041	0.215103016	
siR_130247	0.01	1.6782	7.39077085	8.72E-15	**
siR_130280	7.3736	10.4423	0.50199845	0.000132705	
siR_130282	2.6587	1.268	-1.06816625	0.000223655	**
siR_13030	0.01	1.6409	7.35834351	1.79E-14	**
siR_130376	0.01	1.7901	7.48389637	1.01E-15	**
siR_13038	14.6408	11.3746	-0.36417857	0.000789771	
siR_13039	7.3027	3.0954	-1.23830411	4.79E-12	**
siR_130392	1.6307	0.9323	-0.80662522	0.022857287	
siR_1304	0.6735	1.3053	0.95463157	0.018405953	
siR_13040	1.5952	1.1934	-0.41865963	0.21138519	
siR_130414	0.01	1.4172	7.14689956	1.34E-12	**
siR_130415	0.01	1.0442	6.70625425	1.77E-09	**
siR_13042	4.8212	3.8413	-0.32779764	0.081798361	
siR_130428	5.1048	4.0277	-0.34189821	0.06238488	
siR_13043	2.6233	1.3426	-0.96635326	0.000735593	
siR_13044	1.1344	0.7832	-0.53447677	0.189070882	
siR_130443	0.01	3.1327	8.29126281	5.83E-27	**
siR_130453	0.01	7.7571	9.59937359	1.14E-65	**
siR_13046	1.5243	0.7086	-1.1051035	0.004253135	**
siR_130460	0.01	5.333	9.05880352	2.22E-45	**
siR_130479	1.028	1.2307	0.25963886	0.48054543	
siR_130487	11.1667	8.5776	-0.38055696	0.002263771	
siR_130490	1.418	1.1934	-0.24877985	0.472084038	
siR_130530	2.8005	0.8578	-1.70697121	6.12E-08	**
siR_130542	0.01	3.9159	8.61320011	1.62E-33	**
siR_130544	0.01	1.0442	6.70625425	1.77E-09	**
siR_130577	6.7709	3.9904	-0.76281424	8.44E-06	
siR_13058	0.01	2.3868	7.89893387	1.02E-20	**
siR_130582	4.4312	1.7901	-1.30765726	2.04E-08	**
siR_130609	56.0109	48.1464	-0.21827968	5.35E-05	
siR_13061	0.01	7.3096	9.51364865	6.33E-62	**
siR_130611	10.7413	6.5637	-0.7105874	1.30E-07	
siR_130613	29.6716	27.2618	-0.1222019	0.094311115	
siR_130615	15.6334	15.7753	0.01303587	0.893559253	
siR_130619	9.3233	7.0485	-0.40352442	0.003224413	
siR_130622	0.01	1.6036	7.32517051	3.67E-14	**
siR_130624	0.01	1.7155	7.42248532	4.25E-15	**
siR_130632	0.01	1.1934	6.89893387	9.98E-11	**
siR_130644	0.01	1.0442	6.70625425	1.77E-09	**
siR_130651	0.01	3.9531	8.62684064	7.90E-34	**
siR_130652	0.01	14.6938	10.52099183	9.77E-124	**
siR_130655	258.2529	99.9476	-1.36954072	0	**
siR_130656	2.4815	0.9323	-1.41234628	9.16E-06	**
siR_130659	6.0619	3.2073	-0.91841075	7.96E-07	
siR_130662	1.3825	0.3356	-2.04246486	2.03E-05	**

siR_130677	12.0884	5.6314	-1.10205777	4.97E-16	**
siR_130685	0.01	3.3937	8.40671523	3.81E-29	**
siR_130721	17.0869	12.8664	-0.40928223	5.26E-05	
siR_130726	14.0027	15.738	0.16854718	0.095054741	
siR_130775	0.01	1.6782	7.39077085	8.72E-15	**
siR_130791	0.8862	1.0815	0.28732943	0.466872116	
siR_13083	0.01	1.4172	7.14689956	1.34E-12	**
siR_130836	0.01	1.0815	6.75688986	8.62E-10	**
siR_130851	0.01	2.0885	7.70632333	3.21E-18	**
siR_130886	1.2407	1.902	0.61636293	0.050564006	
siR_130899	6.0619	1.529	-1.98718165	7.37E-19	**
siR_130909	17.6895	6.0789	-1.54101108	4.62E-37	**
siR_130914	17.6541	6.0043	-1.55593531	1.72E-37	**
siR_130916	1.1344	0.5221	-1.11953137	0.013060942	*
siR_13097	1.4534	0.5221	-1.47703375	0.000479018	**
siR_131019	0.01	1.1561	6.85312238	2.05E-10	**
siR_131022	0.01	9.9575	9.95963976	4.33E-84	**
siR_131028	0.01	1.268	6.98641094	2.37E-11	**
siR_131049	0.01	9.2489	9.85313798	3.70E-78	**
siR_131069	17.1932	7.3469	-1.22663054	5.56E-26	**
siR_13111	0.01	16.9687	10.72866033	8.85E-143	**
siR_131127	0.01	1.1934	6.89893387	9.98E-11	**
siR_131157	1.8434	1.7901	-0.04232897	0.886786651	
siR_131162	0.01	1.3426	7.06888574	5.63E-12	**
siR_131172	6.6646	2.4987	-1.41534059	2.56E-13	**
siR_131187	0.01	4.5499	8.82969103	8.00E-39	**
siR_13120	0.01	3.3937	8.40671523	3.81E-29	**
siR_131238	1.418	1.4545	0.03666576	0.90783442	
siR_131264	28.4309	28.4552	0.00123255	0.985813719	
siR_131271	1.1344	0.2611	-2.11925507	8.17E-05	**
siR_131278	42.0436	19.6539	-1.09707059	1.92E-51	**
siR_131279	1.1698	0.7086	-0.72321852	0.080618428	
siR_131296	0.01	2.1258	7.73186206	1.57E-18	**
siR_131298	0.01	2.9835	8.22086197	1.03E-25	**
siR_131384	0.01	4.2142	8.71911497	5.16E-36	**
siR_131442	4.7857	2.9462	-0.69987459	0.000520523	
siR_131472	2.836	0.4102	-2.78945814	1.44E-13	**
siR_131475	1.1344	0.1119	-3.3416475	4.83E-07	**
siR_131477	1.9852	0.5594	-1.8273322	1.89E-06	**
siR_131481	1.9497	0.5594	-1.80129999	2.93E-06	**
siR_131483	2.6233	0.6713	-1.96635326	8.01E-09	**
siR_131540	2.0206	1.6409	-0.30029643	0.302251247	
siR_131551	6.3101	4.438	-0.5077532	0.002773848	
siR_131560	0.01	2.2749	7.82965932	8.83E-20	**
siR_13158	0.01	1.4918	7.22091032	3.17E-13	**
siR_131582	5.991	4.7363	-0.33903637	0.045062385	
siR_131607	1.9852	0.3729	-2.41242366	1.32E-08	**

siR_131620	47.5029	36.809	-0.36795703	1.00E-09	
siR_131649	1.1698	1.0069	-0.21634148	0.569256367	
siR_131653	1.2053	0.8205	-0.55481704	0.161050726	
siR_131654	2.8005	2.1258	-0.39767856	0.112747937	
siR_131678	2.836	1.268	-1.16130279	4.53E-05	**
siR_131685	0.01	2.9089	8.18432989	4.35E-25	**
siR_13169	3.4386	0.8205	-2.06724606	8.15E-12	**
siR_13171	0.01	19.3182	10.91574496	1.90E-162	**
siR_131717	0.01	1.902	7.57137344	1.17E-16	**
siR_13175	5.282	0.8951	-2.56096353	4.19E-22	**
siR_131759	1.5598	0.7459	-1.06430692	0.005019683	**
siR_131767	0.01	7.9809	9.64040764	1.52E-67	**
siR_131789	0.01	2.9462	8.20271156	2.12E-25	**
siR_13179	0.01	1.0069	6.6537766	3.63E-09	**
siR_131801	4.0413	1.3426	-1.5897899	5.78E-10	**
siR_131847	0.01	2.8716	8.16571099	8.93E-25	**
siR_131853	19.4975	6.6383	-1.55440342	3.55E-41	**
siR_131855	44.5606	12.1205	-1.87831944	2.36E-119	**
siR_131860	1.6307	1.6036	-0.02417707	0.940359108	
siR_13188	0.01	1.3053	7.02823761	1.15E-11	**
siR_131899	1.7725	0.2238	-2.98550369	1.76E-09	**
siR_131926	1.1344	1.2307	0.11754969	0.741641213	
siR_131934	1.3471	0.634	-1.08730221	0.008088456	**
siR_131935	7.9762	4.4007	-0.85796856	8.82E-08	
siR_131940	4.7503	1.902	-1.32050138	4.85E-09	**
siR_131948	2.9423	3.2446	0.14109628	0.523630443	
siR_131954	2.7296	1.4172	-0.94564618	0.000716645	
siR_131967	0.01	5.9297	9.21181531	2.25E-50	**
siR_13197	1.9143	0.2984	-2.6814975	3.18E-09	**
siR_132000	2.0915	0.3729	-2.4876773	2.81E-09	**
siR_13203	2.8005	2.6106	-0.10130301	0.671732766	
siR_132030	0.01	1.0442	6.70625425	1.77E-09	**
siR_132034	0.01	1.0069	6.6537766	3.63E-09	**
siR_132066	1.0989	0.634	-0.79350536	0.066742311	
siR_132068	36.6907	17.5281	-1.06574481	4.02E-43	**
siR_13207	0.01	3.6548	8.51364865	2.48E-31	**
siR_132074	2.6587	0.9696	-1.45525939	2.62E-06	**
siR_132098	6.9482	6.4891	-0.09862088	0.513227942	
siR_132101	3.1196	2.6852	-0.21633151	0.347469693	
siR_132114	1.4534	0.634	-1.19687707	0.002948104	**
siR_132142	2.5524	1.4545	-0.81133114	0.004074322	
siR_132163	10.5995	7.3469	-0.52878867	5.63E-05	
siR_132176	0.01	1.0442	6.70625425	1.77E-09	**
siR_132240	1.1344	1.3426	0.24310011	0.488682354	
siR_132241	1.737	1.268	-0.45404301	0.159418817	
siR_132256	0.01	3.804	8.57137344	1.40E-32	**
siR_132258	0.01	1.3426	7.06888574	5.63E-12	**

siR_132263	6.3101	3.804	-0.73014562	3.50E-05	
siR_132343	1.2762	0.4848	-1.39639284	0.001733978	**
siR_132381	3.0132	2.163	-0.47826277	0.050983946	
siR_132384	1.3471	0.5221	-1.36745889	0.001524084	**
siR_132410	1.028	0.4848	-1.08437866	0.021479092	*
siR_132416	2.6587	1.0442	-1.34832293	9.19E-06	**
siR_132417	17.016	15.9618	-0.09226859	0.336663734	
siR_132443	3.864	1.8274	-1.08030263	6.82E-06	**
siR_132448	11.2376	4.6617	-1.26940588	2.15E-18	**
siR_132473	6.0265	4.3261	-0.47825336	0.005645518	
siR_13250	0.01	1.0069	6.6537766	3.63E-09	**
siR_132506	1.737	0.4102	-2.08219836	1.23E-06	**
siR_132509	36.5135	9.8456	-1.89087893	5.29E-99	**
siR_132516	16.8033	4.1396	-2.02118132	1.25E-50	**
siR_132518	1.028	0.0746	-3.78452082	4.98E-07	**
siR_132519	2.6942	0.5967	-2.17477927	4.45E-10	**
siR_132529	1.028	0.3729	-1.46297956	0.003720663	**
siR_132540	1.028	0.9323	-0.14097409	0.726340828	
siR_132547	1.028	0.8951	-0.19971949	0.622135026	
siR_132554	1.1698	1.1934	0.02881579	0.933217474	
siR_132563	7.5154	6.0789	-0.30603961	0.041457263	
siR_132566	0.5317	1.0442	0.97371369	0.032467048	
siR_132574	1.5952	0.4848	-1.71827571	4.42E-05	**
siR_132577	2.5878	2.9462	0.18712925	0.424317434	
siR_132578	2.6942	2.6479	-0.02500831	0.918827197	
siR_132579	3.2968	3.1327	-0.07365975	0.737023679	
siR_132581	0.01	13.7987	10.43031664	3.03E-116	**
siR_132585	1.2053	0.6713	-0.84436273	0.042610765	
siR_132586	6.1683	3.431	-0.84624381	3.38E-06	
siR_132617	36.9743	39.8298	0.1073254	0.087409387	
siR_132618	1.5598	1.1561	-0.43209486	0.203345857	
siR_13262	0.01	1.1561	6.85312238	2.05E-10	**
siR_132624	1473.5128	1128.6616	-0.3846466	1.04E-275	
siR_132625	3.545	2.7597	-0.36127418	0.102473296	
siR_132627	1.8079	0.5221	-1.79191682	7.37E-06	**
siR_132634	20.1001	15.8126	-0.34612808	0.000176317	
siR_132644	7.3381	5.5941	-0.39150052	0.011103642	
siR_132647	6.5582	5.2211	-0.32894611	0.041506961	
siR_13266	1.4889	1.0815	-0.4612132	0.18708423	
siR_132675	14.0736	16.2601	0.20834472	0.037262755	
siR_132678	0.01	17.3789	10.76312105	3.26E-146	**
siR_132679	0.01	1.5663	7.29121675	7.54E-14	**
siR_132682	0.01	59.7821	12.54549786	0	**
siR_132683	0.01	1.7155	7.42248532	4.25E-15	**
siR_132692	0.01	51.2418	12.32310544	0	**
siR_132696	0.01	2.4614	7.94333532	2.43E-21	**
siR_132713	0.7799	1.3053	0.74302037	0.056792603	

siR_132727	0.01	1.0815	6.75688986	8.62E-10	**
siR_132745	1.4534	0.6713	-1.11440226	0.004972851	**
siR_132759	0.01	2.4241	7.9213054	4.98E-21	**
siR_13276	0.01	4.8482	8.9213054	2.54E-41	**
siR_132761	1.7725	0.9696	-0.87032402	0.011285895	
siR_132798	2.9423	1.0815	-1.44391069	8.78E-07	**
siR_132806	1.2053	0.1865	-2.69214474	2.94E-06	**
siR_13285	0.01	2.7225	8.08878824	1.58E-23	**
siR_132857	0.01	1.4918	7.22091032	3.17E-13	**
siR_132860	0.01	19.5793	10.93511347	1.24E-164	**
siR_132865	0.01	36.9582	11.85167878	999845544704e	**
siR_132876	0.01	18.1994	10.82967517	4.41E-153	**
siR_13289	1.4889	0.5594	-1.4122947	0.000627722	**
siR_132891	1.8788	2.2003	0.22788874	0.404166138	
siR_13290	1.6307	0.4475	-1.86553181	1.24E-05	**
siR_132929	91.709	46.2071	-0.98894877	3.58E-93	
siR_132930	1.5243	0.5221	-1.54574881	0.000215601	**
siR_132964	1.6307	0.9323	-0.80662522	0.022857287	
siR_132983	1.028	1.0069	-0.02991985	0.942343409	
siR_132985	3.6513	2.163	-0.75537654	0.001211404	
siR_132987	2.5878	2.4241	-0.09427691	0.704679575	
siR_13299	0.01	1.7528	7.45351758	2.07E-15	**
siR_133035	0.8862	1.3426	0.59932532	0.109876009	
siR_133048	1.5952	1.0442	-0.61133925	0.07756025	
siR_13305	1.3116	0.7832	-0.74387514	0.057586901	
siR_133056	1.9143	1.268	-0.59426219	0.058982077	
siR_133072	0.01	1.6036	7.32517051	3.67E-14	**
siR_133074	4.4667	1.7901	-1.31916918	1.44E-08	**
siR_133076	1.0989	0.7086	-0.63301674	0.132484597	
siR_133118	0.01	3.431	8.42248532	1.85E-29	**
siR_133126	1.1344	0.3356	-1.75711482	0.000500636	**
siR_133140	1.2762	0.7459	-0.77480031	0.052442918	
siR_133157	3.545	0.8205	-2.11121039	1.98E-12	**
siR_133158	1.1698	0.7459	-0.64920776	0.112106036	
siR_133166	5.3884	6.4518	0.25984477	0.104977885	
siR_133167	1.6307	1.0069	-0.69557098	0.045385302	
siR_133184	2.0206	1.0069	-1.00486334	0.002256209	**
siR_133200	0.01	7.4215	9.535567	7.33E-63	**
siR_13323	1.1698	2.2376	0.93569026	0.002312179	
siR_133246	2.5524	1.0069	-1.34193403	1.50E-05	**
siR_13326	4.573	1.9766	-1.21011997	8.15E-08	**
siR_133274	5.0339	4.3634	-0.20622382	0.253309877	
siR_13328	0.6026	1.0069	0.74064783	0.096019738	
siR_13329	0.01	2.0512	7.68032436	6.59E-18	**
siR_133294	0.01	2.0512	7.68032436	6.59E-18	**
siR_133299	1.9852	0.9323	-1.09041819	0.001214381	**
siR_133300	13.6837	6.0789	-1.17057619	1.30E-19	**

siR_133335	0.01	1.0069	6.6537766	3.63E-09	**
siR_13334	0.01	1.0442	6.70625425	1.77E-09	**
siR_133340	2.4106	1.1934	-1.0143146	0.000761628	**
siR_133342	3.6868	1.2307	-1.58289003	3.70E-09	**
siR_133350	0.01	13.836	10.4342112	1.48E-116	**
siR_133353	0.01	1.9766	7.62687714	2.78E-17	**
siR_133378	2.9069	3.0208	0.05544923	0.804824471	
siR_133385	0.01	1.0815	6.75688986	8.62E-10	**
siR_133397	0.01	1.1561	6.85312238	2.05E-10	**
siR_133423	10.8831	3.3564	-1.697103	1.18E-26	**
siR_133433	1.9143	1.6782	-0.18990228	0.518337304	
siR_133448	0.01	1.4172	7.14689956	1.34E-12	**
siR_133467	0.01	1.9393	7.59939219	5.69E-17	**
siR_133477	2.0206	0.8951	-1.17466298	0.000528718	**
siR_133486	0.01	3.6175	8.49884921	5.10E-31	**
siR_133493	3.2614	2.0885	-0.64302425	0.007956599	
siR_133501	17.5123	8.8759	-0.98040326	6.92E-19	
siR_133502	2.3042	1.268	-0.8617112	0.004090052	
siR_133503	1.6661	0.6713	-1.31144545	0.00061799	**
siR_13351	4.9275	1.4918	-1.72380174	4.03E-13	**
siR_133522	0.01	1.9766	7.62687714	2.78E-17	**
siR_133534	1.418	1.2307	-0.2043784	0.551985968	
siR_133540	2.6233	2.2376	-0.22943064	0.362571311	
siR_133546	2.7296	5.1093	0.9044361	7.20E-06	
siR_133548	1.1698	2.0139	0.78373015	0.012964318	
siR_133549	1.1344	0.5967	-0.92685176	0.033495577	
siR_13356	0.01	12.5307	10.29125129	1.25E-105	**
siR_133575	0.01	1.0069	6.6537766	3.63E-09	**
siR_133578	3.3677	1.1934	-1.49668594	6.40E-08	**
siR_133579	1.6661	0.5594	-1.57452284	8.69E-05	**
siR_133601	0.01	1.1188	6.80580835	4.20E-10	**
siR_133624	3.1196	1.7155	-0.86273193	0.000807486	
siR_133625	1.1698	1.0442	-0.16386383	0.664155115	
siR_133626	1.5598	1.1934	-0.38628337	0.251737362	
siR_133659	3.9704	5.9297	0.57867476	0.00106155	
siR_133683	1.0635	0.2611	-2.02614567	0.000213675	**
siR_133685	2.0561	1.3426	-0.61488089	0.043498913	
siR_13369	2.1979	1.529	-0.52353734	0.070846062	
siR_133714	0.01	1.5663	7.29121675	7.54E-14	**
siR_133717	0.01	2.0885	7.70632333	3.21E-18	**
siR_133729	6.0619	2.5733	-1.23615039	3.27E-10	**
siR_133736	1.4889	0.5594	-1.4122947	0.000627722	**
siR_133751	1.2762	0.3729	-1.77499374	0.000195629	**
siR_133764	3.2968	2.797	-0.23718611	0.29116921	
siR_133768	1.5598	1.3799	-0.17679734	0.587407247	
siR_133778	7.0545	5.2211	-0.43419004	0.006132924	
siR_133781	0.01	2.7597	8.10836763	7.72E-24	**

siR_133782	0.01	1.0069	6.6537766	3.63E-09	**
siR_133812	0.01	1.529	7.2564446	1.55E-13	**
siR_133826	3.545	0.8951	-1.98566485	1.35E-11	**
siR_133834	2.836	1.4172	-1.00081416	0.000300085	**
siR_133837	1.9143	0.7832	-1.28936427	0.000286776	**
siR_133842	1.2762	0.4475	-1.51189485	0.000890445	**
siR_133843	2.0206	0.4848	-2.05932215	1.94E-07	**
siR_13386	1.8079	0.8205	-1.13973964	0.001387975	**
siR_13387	1.0635	0.9323	-0.18995386	0.633240136	
siR_13390	1.2053	1.0442	-0.20699422	0.579823032	
siR_133936	3.8286	1.3799	-1.47225322	1.20E-08	**
siR_133938	4.5021	1.3426	-1.74556855	2.70E-12	**
siR_13395	1.4534	0.7459	-0.96237768	0.012720128	
siR_133964	1.737	0.5594	-1.63464559	3.81E-05	**
siR_133967	0.01	3.1327	8.29126281	5.83E-27	**
siR_133980	0.01	2.2749	7.82965932	8.83E-20	**
siR_134001	1.3471	0.7832	-0.78240428	0.044337712	
siR_134017	2.2333	1.3426	-0.73414751	0.013813394	
siR_13403	42.8944	12.2697	-1.80568934	4.88E-109	**
siR_134031	1.3825	0.5594	-1.30532732	0.001931693	**
siR_13405	35.2018	24.614	-0.51617007	6.56E-13	
siR_134057	1.9143	0.5967	-1.68173926	1.01E-05	**
siR_134093	1.9852	1.6036	-0.30797004	0.295094924	
siR_134102	6.5937	3.804	-0.793571	5.43E-06	
siR_134104	1.9852	1.6409	-0.27479704	0.34752506	
siR_134127	94.7223	42.0675	-1.17099803	6.19E-126	**
siR_134129	34.4574	8.1674	-2.07686506	1.35E-105	**
siR_134132	1.5598	0.4475	-1.80140147	3.03E-05	**
siR_134139	0.01	1.8274	7.51364865	4.92E-16	**
siR_134142	1.1698	0.8205	-0.51168666	0.199636034	
siR_134144	4.1831	14.47	1.79042053	7.23E-38	**
siR_134156	29.4589	17.5281	-0.74903394	5.12E-20	
siR_134159	4.9984	4.4753	-0.15948196	0.374969616	
siR_134167	0.01	1.3799	7.10841991	2.74E-12	**
siR_13417	15.8461	3.17	-2.32157307	1.31E-56	**
siR_134174	0.01	32.4457	11.66381158	2.47E-272	**
siR_134187	0.01	81.8227	12.99828543	0	**
siR_134192	16.8387	13.9106	-0.27559611	0.005663015	
siR_134193	2.7296	1.1188	-1.28673739	1.45E-05	**
siR_134200	1.1344	0.4475	-1.34196985	0.004230483	**
siR_134214	1.028	0.4102	-1.32544087	0.007079856	**
siR_134223	25.3467	11.1136	-1.18947171	7.83E-36	**
siR_134228	2.9423	2.3495	-0.32459058	0.178997499	
siR_134237	1.5952	0.8578	-0.89502409	0.013930477	
siR_13424	3.1905	1.6409	-0.95929521	0.000211766	
siR_134246	4.7857	1.529	-1.64614156	4.55E-12	**
siR_134247	1.3116	0.2984	-2.13600837	1.97E-05	**

siR_134252	9.7133	3.17	-1.61547868	1.93E-22	**
siR_134255	1.6307	1.1188	-0.54353923	0.108335711	
siR_134262	3.9349	1.4172	-1.4732836	7.39E-09	**
siR_134296	0.01	2.4241	7.9213054	4.98E-21	**
siR_134338	0.01	2.2749	7.82965932	8.83E-20	**
siR_13434	1.0989	0.3729	-1.5591994	0.001653799	**
siR_134349	0.01	6.4891	9.34187459	4.67E-55	**
siR_134351	3.2614	1.8274	-0.83569893	0.000853798	
siR_134354	2.446	0.8578	-1.51171118	3.61E-06	**
siR_134373	0.01	6.0789	9.24766648	1.27E-51	**
siR_134398	4.254	1.4172	-1.58577666	2.19E-10	**
siR_1344	1.1698	0.8205	-0.51168666	0.199636034	
siR_134404	3.4032	1.1561	-1.55762575	2.18E-08	**
siR_134405	1.8788	0.8205	-1.19523626	0.000709281	**
siR_134415	4.3958	2.0512	-1.09965758	1.11E-06	**
siR_134440	0.01	11.3746	10.1516001	5.94E-96	**
siR_134442	0.01	1.9393	7.59939219	5.69E-17	**
siR_134449	0.01	2.3868	7.89893387	1.02E-20	**
siR_134456	0.01	1.902	7.57137344	1.17E-16	**
siR_134460	0.5672	1.3799	1.28263428	0.002097694	**
siR_134465	0.01	3.7667	8.55715732	2.87E-32	**
siR_13449	2.8714	1.6782	-0.77483966	0.003387318	
siR_134490	0.01	1.268	6.98641094	2.37E-11	**
siR_13450	1.3471	0.6713	-1.0048274	0.013015658	*
siR_134503	1.1344	0.4848	-1.22646783	0.007625228	**
siR_134513	0.01	3.7294	8.54279973	5.90E-32	**
siR_134522	1.737	1.4545	-0.25607446	0.411890801	
siR_134558	1.4534	0.3729	-1.96257111	2.04E-05	**
siR_13459	0.01	3.0208	8.23878686	5.04E-26	**
siR_134600	0.01	2.4241	7.9213054	4.98E-21	**
siR_134603	0.01	16.8195	10.7159191	1.57E-141	**
siR_134633	1.028	0.9696	-0.08437866	0.833764704	
siR_134646	0.01	2.0139	7.65384824	1.35E-17	**
siR_134654	9.3588	6.1908	-0.5961977	2.48E-05	
siR_134660	2.1979	1.3426	-0.7110962	0.017550951	
siR_13467	0.01	16.7822	10.71271614	3.22E-141	**
siR_134694	1.3825	0.6713	-1.04224993	0.00950628	**
siR_134722	1.6661	0.634	-1.39392025	0.000335186	**
siR_134723	1.3471	0.4475	-1.58989736	0.000394142	**
siR_134736	0.01	1.8274	7.51364865	4.92E-16	**
siR_134740	0.01	2.0139	7.65384824	1.35E-17	**
siR_134758	8.0826	5.967	-0.43781367	0.003106554	
siR_134774	4.5376	2.4987	-0.86075174	5.36E-05	
siR_134779	0.01	1.268	6.98641094	2.37E-11	**
siR_134788	19.0012	4.1769	-2.18558602	7.65E-63	**
siR_134815	19.9938	18.3113	-0.12681848	0.154577827	
siR_134820	30.7351	20.437	-0.58870374	3.92E-14	

siR_134847	2.7296	3.6175	0.40630347	0.06455106	
siR_13486	5.3529	3.0954	-0.79019485	4.50E-05	
siR_134870	0.01	3.3564	8.39077085	7.81E-29	**
siR_134884	1.0635	0.8205	-0.37424479	0.360625484	
siR_134894	0.01	1.4918	7.22091032	3.17E-13	**
siR_134896	1.028	0.7832	-0.39238759	0.347659208	
siR_134897	1.2407	1.1934	-0.05607663	0.877900267	
siR_13495	0.01	3.0581	8.25649177	2.46E-26	**
siR_134961	0.01	3.0581	8.25649177	2.46E-26	**
siR_134968	0.01	14.9175	10.54279006	1.31E-125	**
siR_134969	0.01	3.7294	8.54279973	5.90E-32	**
siR_134970	0.01	1.9393	7.59939219	5.69E-17	**
siR_134972	0.01	70.56	12.78463485	0	**
siR_134973	0.01	4.5871	8.84143855	3.90E-39	**
siR_134974	0.01	1.268	6.98641094	2.37E-11	**
siR_13498	0.4608	1.0069	1.12770779	0.017995871	*
siR_134985	0.01	22.7493	11.15160644	3.62E-191	**
siR_134986	0.01	1.3799	7.10841991	2.74E-12	**
siR_134991	0.01	2.3868	7.89893387	1.02E-20	**
siR_134997	0.01	2.4987	7.96503389	1.18E-21	**
siR_134998	0.01	1.3053	7.02823761	1.15E-11	**
siR_135023	2.6233	1.9393	-0.4358468	0.094845979	
siR_135027	2.4815	2.163	-0.19817879	0.4422645	
siR_135042	3.1905	1.7528	-0.86412114	0.000691001	
siR_135053	1.0635	0.5594	-0.92686787	0.039728581	
siR_135078	4.9984	3.2073	-0.64010705	0.001045453	
siR_135084	7.3027	5.4822	-0.413675	0.007668051	
siR_135105	1.5952	3.3937	1.08912172	2.04E-05	**
siR_135117	39.314	16.7822	-1.22811131	2.25E-57	**
siR_135120	18.3276	6.2654	-1.54853935	1.33E-38	**
siR_135125	1.0635	0.634	-0.74626529	0.087380955	
siR_135127	3.0132	1.1561	-1.38203024	1.47E-06	**
siR_135142	1.1698	1.3426	0.19876765	0.567969601	
siR_135162	0.01	1.4918	7.22091032	3.17E-13	**
siR_13518	0.01	1.4918	7.22091032	3.17E-13	**
siR_13519	21.979	15.6634	-0.48872834	6.58E-08	
siR_135210	0.01	1.7155	7.42248532	4.25E-15	**
siR_135215	1.9497	0.8578	-1.18453893	0.00061254	**
siR_13525	1.3825	0.4848	-1.51181788	0.000534972	**
siR_135257	0.01	2.163	7.75688986	7.63E-19	**
siR_13529	2.7651	0.7459	-1.89027752	7.88E-09	**
siR_135305	0.01	3.7294	8.54279973	5.90E-32	**
siR_135353	1.5243	1.3426	-0.18311732	0.578885383	
siR_135354	1.0635	0.6713	-0.66379049	0.122925287	
siR_135398	0.01	1.4172	7.14689956	1.34E-12	**
siR_135401	0.01	1.3426	7.06888574	5.63E-12	**
siR_135457	1.8434	0.4848	-1.92690755	1.98E-06	**

siR_135463	0.01	1.6409	7.35834351	1.79E-14	**
siR_135498	1.0989	1.4545	0.40446319	0.244629409	
siR_135507	0.01	2.3122	7.85312238	4.30E-20	**
siR_135525	0.01	1.9766	7.62687714	2.78E-17	**
siR_135540	1.1698	0.8578	-0.44754867	0.256675186	
siR_135564	3.6868	0.7832	-2.23491649	1.03E-13	**
siR_135600	1.8788	2.2749	0.27599163	0.308606529	
siR_135607	2.6942	0.3729	-2.85299625	3.17E-13	**
siR_13562	0.6026	1.4545	1.27125072	0.001703177	**
siR_13563	19.2493	6.974	-1.46474771	2.10E-37	**
siR_135648	4.0058	2.0885	-0.93962325	4.42E-05	
siR_135652	2.0561	1.0442	-0.97751237	0.002596476	
siR_135659	2.0206	0.8205	-1.30020851	0.000175091	**
siR_13567	22.0144	9.6218	-1.19406881	1.61E-31	**
siR_135683	2.5169	4.2515	0.75632404	0.000447061	
siR_135695	2.9423	2.797	-0.0730641	0.753399508	
siR_135696	3.6513	2.5733	-0.50479055	0.023856819	
siR_135700	0.01	4.9228	8.94333532	6.04E-42	**
siR_135711	1.8788	1.1561	-0.70054531	0.030426223	
siR_135715	0.01	3.9159	8.61320011	1.62E-33	**
siR_135720	1.737	0.8578	-1.01788453	0.004258923	**
siR_135733	0.01	1.7901	7.48389637	1.01E-15	**
siR_13575	2.9069	0.8578	-1.76076822	1.71E-08	**
siR_135764	1.7016	1.6782	-0.01997728	0.949958284	
siR_135795	0.01	1.3799	7.10841991	2.74E-12	**
siR_135812	0.01	27.4856	11.42446026	8.16E-231	**
siR_135816	0.01	2.6479	8.04870483	6.67E-23	**
siR_135828	0.01	1.0442	6.70625425	1.77E-09	**
siR_135833	0.01	1.7155	7.42248532	4.25E-15	**
siR_135842	1.0635	0.5594	-0.92686787	0.039728581	
siR_13585	9.6069	1.9393	-2.30853497	1.01E-34	**
siR_135858	1.0989	0.9323	-0.23719393	0.547017649	
siR_135874	0.01	1.1561	6.85312238	2.05E-10	**
siR_135878	1.028	0.8205	-0.32526503	0.431150137	
siR_135895	0.01	3.17	8.30833903	2.84E-27	**
siR_13593	4.1476	2.9462	-0.4934214	0.018289446	
siR_135946	1.5243	0.5967	-1.35306919	0.000806564	**
siR_135971	1.4534	1.529	0.0731566	0.816797984	
siR_135974	0.01	2.4241	7.9213054	4.98E-21	**
siR_135980	0.01	23.3087	11.18665283	7.52E-196	**
siR_136002	1.4534	0.634	-1.19687707	0.002948104	**
siR_13601	19.4975	10.7033	-0.86523348	3.34E-17	
siR_136054	17.4059	7.5707	-1.20107781	1.77E-25	**
siR_136069	0.01	5.2584	9.03848008	9.36E-45	**
siR_136072	0.01	1.0069	6.6537766	3.63E-09	**
siR_136091	20.0647	21.7423	0.11584498	0.173448987	
siR_136095	3.8286	3.2819	-0.22228566	0.284773459	

siR_136106	0.01	3.6548	8.51364865	2.48E-31	**
siR_136110	5.6365	4.1769	-0.43236699	0.014737092	
siR_136114	6.9127	3.1327	-1.1418427	2.88E-10	**
siR_136163	6.5937	3.0581	-1.10845267	1.83E-09	**
siR_136164	1.3116	0.8578	-0.61261459	0.109565176	
siR_136187	1.7016	1.8274	0.10290052	0.724428689	
siR_136205	0.01	2.1258	7.73186206	1.57E-18	**
siR_136207	0.01	8.7641	9.77546214	4.23E-74	**
siR_136242	1.2762	0.8205	-0.6372792	0.102225329	
siR_136257	0.01	27.6348	11.43227046	4.60E-232	**
siR_136260	0.01	6.7129	9.39079234	6.26E-57	**
siR_136264	0.01	1.4172	7.14689956	1.34E-12	**
siR_13627	0.01	1.4918	7.22091032	3.17E-13	**
siR_136286	0.01	9.4726	9.88761665	4.95E-80	**
siR_136289	0.01	1.7528	7.45351758	2.07E-15	**
siR_13629	3.2614	2.8343	-0.20249892	0.367415448	
siR_136307	0.5317	1.0442	0.97371369	0.032467048	
siR_136343	0.01	1.1188	6.80580835	4.20E-10	**
siR_136344	0.01	1.1934	6.89893387	9.98E-11	**
siR_136364	0.01	1.0069	6.6537766	3.63E-09	**
siR_136375	1.8788	1.4172	-0.40676813	0.185934578	
siR_136380	2.4106	5.1466	1.09422738	1.34E-07	**
siR_136407	2.2333	0.4848	-2.20371546	1.09E-08	**
siR_136441	0.01	5.7433	9.16573611	8.19E-49	**
siR_136442	0.01	1.5663	7.29121675	7.54E-14	**
siR_136443	0.01	1.2307	6.94333532	4.86E-11	**
siR_136471	0.01	10.405	10.02306125	7.77E-88	**
siR_136475	0.01	7.4961	9.54999639	1.74E-63	**
siR_136486	1.1698	0.3729	-1.64940119	0.000716423	**
siR_1365	2.3397	1.9393	-0.27078756	0.313838403	
siR_136501	0.01	9.1743	9.84145427	1.56E-77	**
siR_136505	37.896	37.7414	-0.00589764	0.926343309	
siR_136507	2.4106	5.4076	1.16559616	1.28E-08	**
siR_136520	0.01	5.6314	9.13734982	7.07E-48	**
siR_136525	0.01	2.2376	7.80580835	1.81E-19	**
siR_136544	1.5952	2.0139	0.33625473	0.248549433	
siR_136547	0.01	2.7225	8.08878824	1.58E-23	**
siR_136554	0.01	6.601	9.36654079	5.41E-56	**
siR_136558	1.6307	1.3053	-0.32110997	0.324401041	
siR_136566	0.01	1.6036	7.32517051	3.67E-14	**
siR_136590	1.3471	0.7832	-0.78240428	0.044337712	
siR_136593	0.01	1.6409	7.35834351	1.79E-14	**
siR_136607	0.01	7.3096	9.51364865	6.33E-62	**
siR_136608	0.01	3.17	8.30833903	2.84E-27	**
siR_13662	9.1106	2.3868	-1.93246839	1.18E-26	**
siR_13663	1.2407	0.3729	-1.73429361	0.000303178	**
siR_136638	0.01	9.7337	9.9268445	3.23E-82	**

siR_13665	1. 1698	0. 2611	-2. 16358753	5. 01E-05	**
siR_13667	1. 1698	0. 4848	-1. 27080029	0. 005319168	**
siR_136675	0. 01	2. 5733	8. 00747585	2. 81E-22	**
siR_13668	1. 2407	0. 5594	-1. 14920216	0. 007946935	**
siR_136727	2. 2333	1. 4172	-0. 65613369	0. 025700044	
siR_136729	1. 3471	0. 6713	-1. 0048274	0. 013015658	*
siR_136740	205. 9642	205. 0417	-0. 00647625	0. 811666399	
siR_136741	0. 5317	1. 1188	1. 07326779	0. 016430396	*
siR_136751	0. 9926	1. 3053	0. 39509706	0. 28096077	
siR_136769	2. 1979	1. 8274	-0. 26633329	0. 336900282	
siR_136771	0. 01	7. 4588	9. 54279973	3. 57E-63	**
siR_136776	1. 9143	0. 7086	-1. 43377357	8. 42E-05	**
siR_136782	1. 028	0. 4848	-1. 08437866	0. 021479092	*
siR_136802	1. 2407	1. 4918	0. 26589982	0. 42673041	
siR_136807	2. 8005	1. 1561	-1. 27641824	1. 27E-05	**
siR_136808	1. 2762	0. 2611	-2. 28918008	1. 13E-05	**
siR_136815	0. 01	11. 9713	10. 22536411	6. 01E-101	**
siR_136816	0. 01	1. 1934	6. 89893387	9. 98E-11	**
siR_136831	1. 1344	0. 634	-0. 83937469	0. 050540314	
siR_136853	0. 01	4. 1396	8. 69334756	2. 17E-35	**
siR_136854	15. 3498	8. 7268	-0. 81469522	1. 18E-12	
siR_136861	0. 01	16. 2228	10. 66380713	1. 55E-136	**
siR_136865	0. 01	1. 7528	7. 45351758	2. 07E-15	**
siR_136875	2. 9069	1. 7528	-0. 72982005	0. 005125349	
siR_136879	8. 2953	3. 3937	-1. 28943512	2. 85E-14	**
siR_136883	0. 01	1. 3799	7. 10841991	2. 74E-12	**
siR_136884	2. 9778	1. 8274	-0. 7044544	0. 006013008	
siR_136938	2. 9423	1. 0069	-1. 54702394	2. 29E-07	**
siR_136943	73. 5941	30. 208	-1. 28465944	2. 21E-113	**
siR_136963	15. 1726	5. 4449	-1. 47849087	3. 21E-30	**
siR_136969	2. 127	0. 8578	-1. 31010681	0. 000106976	**
siR_136977	1. 3825	1. 3053	-0. 08289806	0. 80935799	
siR_136980	1. 4534	0. 5221	-1. 47703375	0. 000479018	**
siR_136995	1. 0989	0. 5594	-0. 97410795	0. 02925074	
siR_137001	2. 9778	0. 9323	-1. 67538069	3. 53E-08	**
siR_137005	1. 0635	0. 3729	-1. 51195933	0. 00248896	**
siR_137108	14. 6408	12. 1205	-0. 27254517	0. 010705042	
siR_137110	0. 01	1. 1188	6. 80580835	4. 20E-10	**
siR_137112	0. 01	1. 4172	7. 14689956	1. 34E-12	**
siR_137113	0. 01	1. 0442	6. 70625425	1. 77E-09	**
siR_137125	1. 4534	0. 5221	-1. 47703375	0. 000479018	**
siR_137158	0. 01	1. 8274	7. 51364865	4. 92E-16	**
siR_137189	23. 7515	10. 1812	-1. 22211101	4. 44E-35	**
siR_137204	0. 01	2. 2749	7. 82965932	8. 83E-20	**
siR_137212	0. 01	1. 9393	7. 59939219	5. 69E-17	**
siR_137218	1. 4889	0. 5221	-1. 5118488	0. 000322184	**
siR_137222	189. 2673	112. 2545	-0. 7536519	1. 16E-120	

siR_137231	0.01	2.9462	8.20271156	2.12E-25	**
siR_137236	0.01	11.7849	10.2027238	2.19E-99	**
siR_137249	239.9962	164.9881	-0.54064959	2.14E-85	
siR_13727	1.3471	0.5594	-1.26790479	0.002777337	**
siR_137273	1.0989	0.2238	-2.29577817	4.70E-05	**
siR_137274	4.5376	1.9393	-1.22639344	6.70E-08	**
siR_137308	3.7222	3.2073	-0.21479627	0.307566027	
siR_137311	1.5243	0.4475	-1.76818728	4.70E-05	**
siR_137334	2.3397	2.3868	0.02875412	0.907592731	
siR_137335	1.5952	1.1934	-0.41865963	0.21138519	
siR_137350	0.01	1.2307	6.94333532	4.86E-11	**
siR_137380	0.9571	2.0139	1.07325047	0.001217132	**
siR_137388	23.6806	12.4562	-0.92684162	6.72E-23	
siR_137392	3.6159	2.0139	-0.84436273	0.000393833	
siR_137393	1.2407	0.3356	-1.88633969	0.000130463	**
siR_137421	3.3323	1.1561	-1.5272521	4.79E-08	**
siR_137424	0.01	33.2288	11.69821848	6.86E-279	**
siR_137485	0.01	1.0069	6.6537766	3.63E-09	**
siR_137490	46.4749	24.6885	-0.91261258	2.71E-42	
siR_137505	0.6735	1.2307	0.86972928	0.034360686	
siR_137516	0.01	2.2003	7.78155643	3.72E-19	**
siR_137550	0.01	2.4614	7.94333532	2.43E-21	**
siR_137555	1.5598	0.6713	-1.21633151	0.00179751	**
siR_137556	1.8788	0.4848	-1.95434989	1.25E-06	**
siR_137561	35.5209	26.9635	-0.39766036	1.35E-08	
siR_137562	1.9852	1.1561	-0.78001817	0.014520232	
siR_137566	27.8991	20.2879	-0.45959904	8.72E-09	
siR_137568	1.8079	1.1188	-0.69236272	0.035664641	
siR_137584	1.3471	0.4848	-1.47439535	0.000796247	**
siR_137608	1.2053	0.3729	-1.69253158	0.000467353	**
siR_137620	0.01	48.3329	12.23878984	0	**
siR_137623	3.8286	1.529	-1.32422853	1.44E-07	**
siR_137626	2.446	1.0442	-1.22802634	7.66E-05	**
siR_137637	4.2894	2.3495	-0.86842209	7.61E-05	
siR_13766	3.1905	4.0277	0.3361737	0.10221084	
siR_13769	1.8434	1.9393	0.07316684	0.794554534	
siR_137698	4.5376	2.3122	-0.97266324	7.60E-06	
siR_1377	1.5952	0.2984	-2.41841787	3.60E-07	**
siR_137701	1.4534	1.268	-0.19687707	0.561185369	
siR_137708	18.1149	5.6314	-1.68561131	6.60E-43	**
siR_13771	0.01	4.1769	8.70628879	1.06E-35	**
siR_137714	0.01	1.4172	7.14689956	1.34E-12	**
siR_137759	1.7016	1.0815	-0.65385827	0.052814454	
siR_137772	0.01	1.0442	6.70625425	1.77E-09	**
siR_137786	1.8788	0.4475	-2.06985191	4.88E-07	**
siR_137805	1.5243	0.634	-1.26559212	0.001459604	**
siR_137808	2.9423	1.3426	-1.13191481	4.68E-05	**

siR_137814	1. 1344	0. 4102	-1. 46753004	0. 002218064	**
siR_13782	3. 0841	2. 4241	-0. 34740033	0. 142311898	
siR_137844	1. 7016	1. 3053	-0. 38251052	0. 235099543	
siR_13785	40. 342	19. 2436	-1. 06790389	2. 16E-47	**
siR_137854	1. 5243	1. 3053	-0. 22376545	0. 500269948	
siR_137860	0. 01	1. 268	6. 98641094	2. 37E-11	**
siR_137862	17. 8313	8. 2047	-1. 1198894	1. 76E-23	**
siR_13790	1. 5952	0. 9323	-0. 77487114	0. 029704074	
siR_137915	13. 4001	5. 6687	-1. 24115394	6. 00E-21	**
siR_137936	1. 1698	0. 8205	-0. 51168666	0. 199636034	
siR_137988	2. 8714	1. 1188	-1. 35980216	3. 46E-06	**
siR_138006	2. 2688	0. 4475	-2. 34196985	2. 24E-09	**
siR_138053	1. 2053	0. 5967	-1. 0143146	0. 01809496	*
siR_138067	5. 7074	2. 6852	-1. 08780413	3. 65E-08	**
siR_138068	1. 0635	0. 2984	-1. 83350059	0. 000528454	**
siR_138101	26. 6584	6. 4891	-2. 03849989	3. 46E-80	**
siR_138118	0. 01	2. 0885	7. 70632333	3. 21E-18	**
siR_138123	3. 4386	2. 3122	-0. 57255511	0. 014009934	
siR_138124	2. 6587	1. 4545	-0. 8701977	0. 001852485	
siR_138135	0. 01	5. 4449	9. 08876174	2. 57E-46	**
siR_138147	3. 4741	2. 7597	-0. 33212784	0. 13532203	
siR_138151	1006. 247	370. 1416	-1. 44283529	0	**
siR_138179	4. 6794	1. 7155	-1. 44769443	4. 73E-10	**
siR_138180	1. 5243	0. 5594	-1. 44619471	0. 000426884	**
siR_138199	4. 254	3. 804	-0. 16130279	0. 408333951	
siR_138203	1. 5952	0. 634	-1. 33118257	0. 000706761	**
siR_138214	6. 8064	1. 7155	-1. 98826281	5. 20E-21	**
siR_13822	7. 0545	4. 1769	-0. 75611123	6. 42E-06	
siR_138220	0. 01	5. 3703	9. 06885887	1. 08E-45	**
siR_138245	0. 01	4. 1396	8. 69334756	2. 17E-35	**
siR_138246	0. 01	2. 0885	7. 70632333	3. 21E-18	**
siR_138288	0. 01	16. 111	10. 65383033	1. 34E-135	**
siR_138289	0. 01	1. 529	7. 2564446	1. 55E-13	**
siR_138304	0. 8153	1. 9766	1. 27761803	0. 00023219	**
siR_138305	0. 01	3. 9531	8. 62684064	7. 90E-34	**
siR_138319	0. 01	88. 0508	13. 1041204	0	**
siR_138320	0. 01	2. 3122	7. 85312238	4. 30E-20	**
siR_138321	0. 01	1. 4545	7. 18437949	6. 51E-13	**
siR_138338	5. 1757	1. 3053	-1. 98737257	2. 59E-16	**
siR_138340	0. 01	1. 0069	6. 6537766	3. 63E-09	**
siR_138355	1. 028	0. 5594	-0. 87788811	0. 053501766	
siR_138359	0. 01	2. 163	7. 75688986	7. 63E-19	**
siR_138410	7. 0545	3. 5802	-0. 97850365	1. 95E-08	
siR_138411	1. 1344	0. 5221	-1. 11953137	0. 013060942	*
siR_138422	1. 3116	1. 268	-0. 04877306	0. 890739079	
siR_138423	1. 6307	1. 0815	-0. 59245773	0. 082669964	
siR_138424	1. 028	0. 7086	-0. 53679689	0. 21005998	

siR_138438	2.3751	0.7086	-1.74494489	4.24E-07	**
siR_13844	1.5952	1.1934	-0.41865963	0.21138519	
siR_138446	7.4445	3.5802	-1.05613477	8.03E-10	**
siR_138460	1.0635	0.634	-0.74626529	0.087380955	
siR_138478	1.2053	0.8578	-0.49067906	0.210074901	
siR_138506	0.01	16.4466	10.68357365	2.08E-138	**
siR_138507	0.01	14.0971	10.46118269	9.65E-119	**
siR_138508	0.01	1.8647	7.54279973	2.40E-16	**
siR_138518	0.01	17.4535	10.76930066	7.73E-147	**
siR_13854	0.01	1.4172	7.14689956	1.34E-12	**
siR_138550	0.01	1.1561	6.85312238	2.05E-10	**
siR_138559	2.2333	0.8578	-1.38046384	3.57E-05	**
siR_138576	0.01	1.7155	7.42248532	4.25E-15	**
siR_138577	1.3825	0.5967	-1.2122018	0.003421985	**
siR_138579	0.01	2.3495	7.87620996	2.10E-20	**
siR_138580	0.01	1.4545	7.18437949	6.51E-13	**
siR_138588	0.01	2.6479	8.04870483	6.67E-23	**
siR_138595	18.7885	10.4796	-0.84226624	5.88E-16	
siR_138598	0.01	1.0069	6.6537766	3.63E-09	**
siR_138600	1.3116	0.5594	-1.22937565	0.003968625	**
siR_138601	22.688	13.7987	-0.71739708	9.81E-15	
siR_138608	0.01	2.6852	8.06888574	3.25E-23	**
siR_138633	55.231	39.9417	-0.46758251	1.91E-16	
siR_13864	1.2407	0.5967	-1.05607663	0.013149564	*
siR_138659	2.4106	3.3192	0.46144328	0.046475699	
siR_138668	0.01	5.5568	9.11811051	2.98E-47	**
siR_138671	0.01	1.0069	6.6537766	3.63E-09	**
siR_138682	2.127	1.0815	-0.97578637	0.002215323	
siR_138706	10.2096	5.6687	-0.84883652	1.97E-09	
siR_138723	1.2053	0.3729	-1.69253158	0.000467353	**
siR_138724	1.1344	0.0373	-4.92660999	9.09E-09	**
siR_138731	0.01	3.6175	8.49884921	5.10E-31	**
siR_138736	0.01	1.8647	7.54279973	2.40E-16	**
siR_138798	8.2598	3.6175	-1.19111383	9.96E-13	**
siR_13880	6.5228	3.0208	-1.11056072	2.12E-09	**
siR_138815	82.1021	62.057	-0.40382517	1.93E-18	
siR_138816	1.1698	0.7086	-0.72321852	0.080618428	
siR_138819	3.864	5.072	0.39245965	0.033977958	
siR_138842	0.01	1.3799	7.10841991	2.74E-12	**
siR_138858	7.1254	5.967	-0.25596523	0.093999072	
siR_138871	16.4488	9.2116	-0.83645867	5.24E-14	
siR_138879	3.5804	1.7901	-1.00008059	4.81E-05	**
siR_13888	0.01	3.7667	8.55715732	2.87E-32	**
siR_138889	40.0584	14.7684	-1.43959126	4.39E-74	**
siR_138891	10.5995	5.6687	-0.90290639	1.18E-10	
siR_138894	1.2053	0.2238	-2.42911034	1.01E-05	**
siR_138915	1.028	0.1492	-2.78452082	1.19E-05	**

siR_138937	169.9116	164.5405	-0.04634162	0.123694438	
siR_138938	0.7444	1.0069	0.43577045	0.30071039	
siR_138943	5.3884	3.6921	-0.54541532	0.003189088	
siR_138958	4.254	1.6036	-1.40750571	6.20E-09	**
siR_139019	1.4534	0.4848	-1.58397021	0.000237648	**
siR_139055	8.7916	6.3773	-0.46318	0.001158477	
siR_139059	2.5878	1.9393	-0.41619012	0.111933192	
siR_139067	2.6587	0.3356	-2.98590638	1.29E-13	**
siR_139072	7.1254	3.0581	-1.22033542	1.49E-11	**
siR_139073	1.2407	0.4475	-1.47119473	0.001326969	**
siR_139108	3.7222	1.9393	-0.94061958	8.16E-05	
siR_139138	6.6646	3.0581	-1.12388271	9.83E-10	**
siR_139143	4.7148	3.8413	-0.29560193	0.118627789	
siR_139174	1.7725	0.5594	-1.66383347	2.51E-05	**
siR_139188	2.836	0.7086	-2.00081416	1.28E-09	**
siR_139201	4.4667	2.2003	-1.02150912	3.76E-06	**
siR_139253	2.2333	1.4918	-0.58212293	0.044977969	
siR_139265	0.01	2.1258	7.73186206	1.57E-18	**
siR_139267	0.01	1.7528	7.45351758	2.07E-15	**
siR_139274	3.5804	3.2446	-0.14208014	0.503123961	
siR_139281	35.9817	39.8298	0.14658489	0.020422959	
siR_139284	6.9482	4.9974	-0.47546158	0.003106432	
siR_139299	1.4889	0.4102	-1.85984746	3.15E-05	**
siR_139311	8.3307	6.0416	-0.46350706	0.001554539	
siR_139331	3.3677	2.5733	-0.38814397	0.088769595	
siR_139338	0.01	4.3634	8.76930892	2.91E-37	**
siR_139370	4.5376	4.3261	-0.06886242	0.711803529	
siR_139371	2.3397	1.529	-0.61373515	0.031403936	
siR_139372	1.7016	0.9696	-0.81143033	0.019405045	
siR_139385	1.2053	0.4102	-1.55499288	0.000989728	**
siR_139389	17.5477	8.6895	-1.01393688	6.50E-20	**
siR_139397	1.6307	0.0746	-4.45017195	1.34E-11	**
siR_139399	1.5598	0.634	-1.29880631	0.001018403	**
siR_139425	0.01	11.0017	10.10351075	7.86E-93	**
siR_139431	0.01	9.0997	9.82967517	6.56E-77	**
siR_139436	7.9408	7.9436	0.00050862	0.995771801	
siR_13944	8.9334	3.0581	-1.54657378	1.39E-19	**
siR_139440	1.9497	1.6782	-0.21633749	0.459383335	
siR_13945	10.2096	4.5499	-1.1660196	6.27E-15	**
siR_139490	2.836	3.2073	0.17750177	0.428237144	
siR_139515	0.01	1.1188	6.80580835	4.20E-10	**
siR_139554	4.3958	3.431	-0.35749662	0.071493321	
siR_139558	28.1118	16.372	-0.77994526	1.89E-20	
siR_139581	3.545	0.7832	-2.17833296	7.17E-13	**
siR_139607	0.01	57.8428	12.49792168	0	**
siR_139608	0.01	3.431	8.42248532	1.85E-29	**
siR_139611	0.01	6.6756	9.3827537	1.28E-56	**

siR_139663	1. 5952	1. 0442	-0. 61133925	0. 07756025	
siR_139687	1. 6661	1. 1188	-0. 57452284	0. 08784456	
siR_139716	0. 01	2. 6479	8. 04870483	6. 67E-23	**
siR_139717	1. 1344	0. 4475	-1. 34196985	0. 004230483	**
siR_139720	1. 0989	0. 3356	-1. 71124549	0. 000775199	**
siR_139728	5. 4238	0. 9323	-2. 54043781	1. 82E-22	**
siR_139749	1. 6307	0. 4102	-1. 991092	5. 04E-06	**
siR_13978	265. 0948	91. 8548	-1. 52908135	0	**
siR_13979	6. 5937	1. 902	-1. 793571	5. 86E-18	**
siR_13980	0. 6381	1. 8274	1. 51793802	5. 55E-05	**
siR_139814	1. 4889	1. 1188	-0. 4122947	0. 234339555	
siR_139825	19. 9583	34. 5714	0. 79259019	1. 48E-25	
siR_13983	5. 7074	2. 3495	-1. 28047991	3. 66E-10	**
siR_139853	2. 3751	1. 1188	-1. 0860361	0. 00041126	**
siR_13986	15. 1371	8. 9505	-0. 75804865	3. 31E-11	
siR_139866	0. 01	9. 9575	9. 95963976	4. 33E-84	**
siR_139868	0. 01	3. 2446	8. 34189682	6. 75E-28	**
siR_13987	2. 0915	0. 8951	-1. 22441722	0. 000267923	**
siR_139918	0. 01	2. 6106	8. 02823761	1. 37E-22	**
siR_139941	4. 6085	3. 3564	-0. 45738259	0. 020288803	
siR_139955	2. 2333	1. 1188	-0. 9972249	0. 001405726	
siR_139975	1. 6661	1. 4172	-0. 23343162	0. 462399364	
siR_139976	1. 4889	0. 9323	-0. 67538069	0. 062701585	
siR_139990	4. 5376	5. 9297	0. 38602968	0. 023931604	
siR_139997	3. 4032	0. 6713	-2. 34186239	2. 02E-13	**
siR_140002	3. 5804	1. 9393	-0. 88458478	0. 000243762	
siR_140021	1. 4534	1. 3053	-0. 15505039	0. 645288754	
siR_140023	1. 8079	1. 1188	-0. 69236272	0. 035664641	
siR_140032	0. 01	1. 529	7. 2564446	1. 55E-13	**
siR_140038	34. 9182	10. 2185	-1. 77279576	6. 49E-87	**
siR_140077	0. 01	4. 5499	8. 82969103	8. 00E-39	**
siR_140089	0. 01	1. 6782	7. 39077085	8. 72E-15	**
siR_140094	1. 418	2. 6479	0. 90099111	0. 001311166	
siR_140097	15. 3144	11. 3373	-0. 43381174	5. 35E-05	
siR_14010	7. 5863	0. 4848	-3. 96793482	3. 93E-46	**
siR_140101	3. 864	2. 4241	-0. 67264588	0. 002625271	
siR_140110	1. 5598	1. 0442	-0. 57896299	0. 096572007	
siR_140114	0. 01	5. 6314	9. 13734982	7. 07E-48	**
siR_140117	7. 5863	2. 9835	-1. 34639065	5. 59E-14	**
siR_140119	3. 4741	3. 3192	-0. 06580372	0. 757889779	
siR_140131	0. 8153	1. 7901	1. 13463726	0. 001435298	**
siR_140132	0. 01	2. 0512	7. 68032436	6. 59E-18	**
siR_140134	1. 5952	1. 6036	0. 00757701	0. 977649545	
siR_140137	5. 0339	1. 529	-1. 71908815	2. 50E-13	**
siR_140141	6. 381	1. 7901	-1. 83374235	6. 47E-18	**
siR_140157	12. 8683	6. 9367	-0. 89150008	2. 15E-12	
siR_140161	2. 6587	1. 529	-0. 79813259	0. 003838526	

siR_140163	1.4889	0.3729	-1.99738616	1.28E-05	**
siR_140181	5.282	2.163	-1.28805064	1.40E-09	**
siR_140185	28.9981	8.8014	-1.72015345	1.43E-69	**
siR_140205	13.081	9.0624	-0.52950776	7.42E-06	
siR_140214	0.01	16.8195	10.7159191	1.57E-141	**
siR_140218	0.01	1.4545	7.18437949	6.51E-13	**
siR_140222	0.01	2.163	7.75688986	7.63E-19	**
siR_140223	0.01	2.2749	7.82965932	8.83E-20	**
siR_140233	4.0413	0.8578	-2.23610623	6.52E-15	**
siR_140251	0.01	7.3842	9.52829782	1.50E-62	**
siR_140263	1.6307	1.4918	-0.12843726	0.684834683	
siR_140289	1.8079	0.8205	-1.13973964	0.001387975	**
siR_14029	12.1239	43.8576	1.85497301	1.01E-116	**
siR_140311	0.01	1.1561	6.85312238	2.05E-10	**
siR_140317	4.0767	3.6175	-0.17240878	0.387896098	
siR_14033	17.3705	17.9383	0.04640389	0.615716902	
siR_140341	0.01	8.8014	9.78158921	2.06E-74	**
siR_140342	0.01	6.4518	9.33355791	9.59E-55	**
siR_140343	0.01	2.4987	7.96503389	1.18E-21	**
siR_140349	0.01	3.2073	8.32521549	1.38E-27	**
siR_140355	0.01	5.4449	9.08876174	2.57E-46	**
siR_140356	0.01	4.3634	8.76930892	2.91E-37	**
siR_140387	0.0354	48.3329	10.41504048	0	**
siR_140389	0.01	13.6868	10.41856947	2.62E-115	**
siR_140392	0.01	1.5663	7.29121675	7.54E-14	**
siR_140397	0.01	4.3634	8.76930892	2.91E-37	**
siR_140408	0.01	1.1934	6.89893387	9.98E-11	**
siR_140416	7.2672	7.6079	0.06609867	0.642451077	
siR_140418	0.01	1.7155	7.42248532	4.25E-15	**
siR_140424	2.0561	1.0442	-0.97751237	0.002596476	
siR_140427	17.9731	24.3902	0.44046232	2.20E-07	
siR_14045	5.672	6.5637	0.21065177	0.181147562	
siR_140455	16.2361	6.0789	-1.41732294	2.36E-30	**
siR_140458	4.6794	2.5733	-0.8627039	3.95E-05	
siR_140459	1.3471	0.4475	-1.58989736	0.000394142	**
siR_140478	1.0989	2.2003	1.00164013	0.001388167	**
siR_14048	7.2318	3.3937	-1.09149574	4.98E-10	**
siR_140552	0.01	4.8855	8.93236241	1.24E-41	**
siR_140633	23.4679	7.8317	-1.58329134	1.65E-50	**
siR_140634	7.8699	1.8647	-2.07740176	2.23E-25	**
siR_140638	63.9517	21.7796	-1.55400525	5.52E-131	**
siR_140639	0.01	3.9531	8.62684064	7.90E-34	**
siR_140641	3.7222	0.5594	-2.73420342	4.59E-17	**
siR_140643	0.01	3.9159	8.61320011	1.62E-33	**
siR_140644	2.4106	2.4614	0.03008685	0.902053431	
siR_140646	0.7799	1.1188	0.5205911	0.199019168	
siR_140647	1.7016	0.9323	-0.86802577	0.013287385	

siR_140648	0.9217	1.0069	0.12755125	0.746667492	
siR_140651	1.3825	0.8578	-0.68856626	0.068256577	
siR_140659	2.8714	1.0069	-1.51183391	5.03E-07	**
siR_140660	1.028	0.2238	-2.19955832	0.000127871	**
siR_140688	0.9926	1.1561	0.21998183	0.559217288	
siR_140690	1.0635	0.7832	-0.44136736	0.286432527	
siR_140693	4.4312	2.6479	-0.7428488	0.000437063	
siR_140699	1.5243	0.5967	-1.35306919	0.000806564	**
siR_140707	1.9143	0.634	-1.59426219	2.13E-05	**
siR_140710	12.6556	4.5499	-1.47586916	2.09E-25	**
siR_140714	12.5138	4.1769	-1.58301544	1.09E-27	**
siR_140719	1.1698	0.1119	-3.38597995	2.69E-07	**
siR_140724	0.01	1.0069	6.6537766	3.63E-09	**
siR_140727	0.01	3.0954	8.27398204	1.20E-26	**
siR_140729	0.01	3.5056	8.45351758	4.40E-30	**
siR_140753	5.5302	1.6782	-1.720417	1.62E-14	**
siR_140796	1.6307	1.4172	-0.20244802	0.526542385	
siR_140811	2.446	0.8205	-1.57584917	1.79E-06	**
siR_140836	2.127	1.3799	-0.62425631	0.037353781	
siR_140848	4.9984	2.2003	-1.18376612	3.54E-08	**
siR_140858	1.1698	0.5594	-1.06430974	0.015477614	*
siR_140873	4.1476	1.3426	-1.62724722	1.72E-10	**
siR_140909	1.2762	1.1561	-0.14258825	0.691993921	
siR_140917	5.991	5.5568	-0.10854252	0.504830489	
siR_140931	4.2185	1.2307	-1.77725097	7.29E-12	**
siR_14094	2.4106	0.2611	-3.20671792	3.03E-13	**
siR_140942	51.8278	47.848	-0.11526753	0.036706444	
siR_140960	1.6661	0.5221	-1.67407693	4.12E-05	**
siR_140968	2.4106	0.5967	-2.0143146	1.98E-08	**
siR_140991	6.0619	3.4683	-0.80554136	1.01E-05	
siR_141000	1.737	0.634	-1.45404301	0.000155901	**
siR_141009	3.7931	2.6106	-0.53899598	0.01449513	
siR_141048	2.3042	0.8578	-1.42555272	1.69E-05	**
siR_141049	9.9614	2.6106	-1.93196709	5.44E-29	**
siR_141084	5.3529	0.634	-3.07776596	8.03E-27	**
siR_141085	1.2762	0.2238	-2.5115725	3.57E-06	**
siR_141118	0.0354	7.4215	7.71181764	7.59E-61	**
siR_141122	0.0354	57.0596	10.65450456	0	**
siR_141132	0.01	3.8413	8.58545083	6.83E-33	**
siR_14115	1.2762	0.3729	-1.77499374	0.000195629	**
siR_141164	12.762	4.9228	-1.37430341	3.63E-23	**
siR_141165	8.9334	3.8413	-1.21761472	4.44E-14	**
siR_141166	1.8079	1.0815	-0.74128122	0.025750103	
siR_141173	8.2953	11.1882	0.43161189	0.000575945	
siR_141177	2.6942	1.4172	-0.92681358	0.000950785	
siR_14119	2.127	0.9323	-1.18995386	0.000326206	**
siR_141192	1.3116	0.4475	-1.55136822	0.000594069	**

siR_141271	1. 2407	0. 5221	-1. 24875625	0. 004597643	**
siR_141292	1. 9852	1. 5663	-0. 3419238	0. 247756469	
siR_141293	4. 963	5. 5941	0. 17269359	0. 308234209	
siR_141297	4. 1476	1. 1561	-1. 84301057	3. 29E-12	**
siR_141302	2. 6942	1. 8647	-0. 53091341	0. 042496396	
siR_141325	1. 2407	0. 7086	-0. 80811094	0. 047445627	
siR_141337	3. 2968	1. 5663	-1. 0737058	3. 59E-05	**
siR_141365	1. 0989	0. 4475	-1. 29610052	0. 006143403	**
siR_141380	71. 538	40. 352	-0. 8260696	1. 86E-54	
siR_141381	5. 4238	2. 0885	-1. 37683684	1. 05E-10	**
siR_141382	3. 0841	1. 3053	-1. 24046812	7. 36E-06	**
siR_141383	2. 6233	1. 0815	-1. 27834914	2. 36E-05	**
siR_141385	1. 2762	0. 2984	-2. 096535	3. 20E-05	**
siR_141389	4. 4667	2. 2376	-0. 9972572	5. 80E-06	
siR_141390	2. 446	1. 0815	-1. 17739074	0. 000130415	**
siR_141391	2. 0206	0. 8578	-1. 23607053	0. 000308801	**
siR_141392	2. 3042	0. 5967	-1. 94918826	7. 91E-08	**
siR_141393	1. 5243	0. 2984	-2. 35282743	1. 00E-06	**
siR_14140	9. 3588	5. 6687	-0. 72330564	5. 65E-07	
siR_141401	6. 3101	4. 5871	-0. 46008051	0. 006269867	
siR_141402	4. 963	2. 2376	-1. 1492603	8. 10E-08	**
siR_141403	4. 4312	1. 7901	-1. 30765726	2. 04E-08	**
siR_14143	22. 1562	7. 869	-1. 49345825	5. 30E-44	**
siR_141439	1. 7725	0. 9696	-0. 87032402	0. 011285895	
siR_141448	40. 9447	14. 6565	-1. 48213609	5. 80E-79	**
siR_141452	2. 4815	0. 6713	-1. 88618291	4. 91E-08	**
siR_14146	0. 01	2. 2003	7. 78155643	3. 72E-19	**
siR_141512	4. 2894	2. 3495	-0. 86842209	7. 61E-05	
siR_141514	22. 0144	12. 7918	-0. 78322824	1. 86E-16	
siR_141518	5. 3175	4. 6617	-0. 18989196	0. 278274334	
siR_141522	18. 6467	9. 3981	-0. 98847931	2. 91E-20	
siR_141540	1. 0635	0. 3356	-1. 66400541	0. 001193189	**
siR_141563	0. 01	89. 2442	13. 1235427	0	**
siR_141564	0. 01	2. 2376	7. 80580835	1. 81E-19	**
siR_141565	0. 01	1. 0815	6. 75688986	8. 62E-10	**
siR_141571	0. 01	21. 2575	11. 05375622	1. 11E-178	**
siR_141572	0. 01	5. 7805	9. 17505048	3. 99E-49	**
siR_141578	0. 01	4. 4753	8. 80584059	3. 37E-38	**
siR_141579	0. 01	1. 268	6. 98641094	2. 37E-11	**
siR_141586	0. 01	8. 1674	9. 67373308	4. 18E-69	**
siR_14159	1. 1344	0. 3729	-1. 60506874	0. 001091833	**
siR_14160	4. 5021	0. 9323	-2. 27173193	9. 54E-17	**
siR_141625	1. 3471	1. 902	0. 4976603	0. 106905394	
siR_141629	1. 0635	0. 7832	-0. 44136736	0. 286432527	
siR_141650	2. 3751	0. 7459	-1. 67093413	9. 28E-07	**
siR_141658	0. 8862	1. 1188	0. 33624793	0. 390862943	
siR_141664	202. 8092	114. 1565	-0. 82911009	6. 88E-152	

siR_141665	4.3603	2.3495	-0.89207363	4.49E-05	
siR_141666	3.0487	1.529	-0.99560579	0.000188791	
siR_141671	30.9833	29.4622	-0.07262565	0.305536816	
siR_141677	126.8399	132.8408	0.06668967	0.050808795	
siR_141685	1723.0805	701.0501	-1.29740065	0	**
siR_141686	1.3116	0.6713	-0.96629826	0.017699245	
siR_14169	32.4013	17.9756	-0.85001177	8.80E-27	
siR_141694	265.3429	178.0036	-0.57595153	2.24E-105	
siR_141695	7.409	4.0277	-0.8793226	1.41E-07	
siR_141696	1.028	0.3729	-1.46297956	0.003720663	**
siR_141700	13.4001	9.2489	-0.53489007	4.71E-06	
siR_141720	44.596	24.0172	-0.89284635	3.05E-39	
siR_141726	1.1344	1.3053	0.20245198	0.566494718	
siR_141729	1.4534	0.7459	-0.96237768	0.012720128	
siR_14174	0.01	3.5056	8.45351758	4.40E-30	**
siR_141759	2.9778	3.3564	0.1726678	0.429976664	
siR_141762	6.8773	5.8178	-0.24136858	0.119932141	
siR_141765	7.8699	5.8924	-0.41748993	0.005237469	
siR_141789	2.7296	1.4172	-0.94564618	0.000716645	
siR_14180	1.1344	0.9323	-0.28306327	0.468279224	
siR_141811	10.0323	5.7433	-0.80470057	1.33E-08	
siR_141812	14.1091	7.3096	-0.9487616	9.12E-15	
siR_141861	4.4312	4.0277	-0.13774121	0.469422602	
siR_141892	0.01	1.7155	7.42248532	4.25E-15	**
siR_141906	3.4386	0.9696	-1.8263597	3.05E-10	**
siR_141916	1.737	1.0815	-0.68356409	0.041819133	
siR_14193	4.254	0.5594	-2.92686787	1.28E-20	**
siR_141950	1.3471	0.2238	-2.58957501	1.24E-06	**
siR_141969	0.01	71.7907	12.80958125	0	**
siR_141971	0.01	25.7328	11.32939273	3.84E-216	**
siR_141974	6.5582	7.3096	0.15649256	0.289806145	
siR_141975	1.737	1.4918	-0.21954362	0.47916079	
siR_141976	2.9778	1.6782	-0.8273322	0.001590907	
siR_141977	1.5598	1.8647	0.25758249	0.388166577	
siR_142023	5.1402	6.4891	0.3361939	0.037942093	
siR_142075	0.01	13.3139	10.37871752	3.47E-112	**
siR_142084	0.01	1.1188	6.80580835	4.20E-10	**
siR_142100	1.0989	0.4102	-1.42166071	0.003288611	**
siR_142102	3.0132	2.3868	-0.33621875	0.159700013	
siR_142109	1.0989	0.5221	-1.07366204	0.018227899	*
siR_142111	2.6587	2.5733	-0.04710134	0.84749281	
siR_142159	1.5243	0.3729	-2.03128617	7.99E-06	**
siR_142171	4.6085	3.9904	-0.20776388	0.271172302	
siR_142190	3.5095	1.2307	-1.51178638	2.66E-08	**
siR_142195	8.118	5.7805	-0.48993005	0.001015086	
siR_14220	1.028	0.3356	-1.61502564	0.001825058	**
siR_142200	33.1812	16.372	-1.01913549	1.62E-36	**

siR_142204	36.159	28.3433	-0.35134704	3.33E-07	
siR_142244	0.01	3.6921	8.52829782	1.21E-31	**
siR_142247	10.635	4.5126	-1.23678923	7.47E-17	**
siR_142255	0.01	1.4172	7.14689956	1.34E-12	**
siR_142277	1.6661	3.6548	1.13331747	4.95E-06	**
siR_142297	6.2746	1.9393	-1.69398749	5.81E-16	**
siR_1423	1.6307	1.268	-0.36293665	0.268725219	
siR_142300	21.3054	7.2723	-1.55073552	1.08E-44	**
siR_142308	16.626	18.4232	0.14808255	0.111269043	
siR_142334	1.3471	1.0442	-0.36745889	0.310306368	
siR_142352	0.01	3.2073	8.32521549	1.38E-27	**
siR_142355	0.01	157.7531	13.94538074	0	**
siR_142356	0.01	2.3868	7.89893387	1.02E-20	**
siR_142357	0.01	2.2749	7.82965932	8.83E-20	**
siR_142363	0.01	7.4215	9.535567	7.33E-63	**
siR_142364	0.01	1.529	7.2564446	1.55E-13	**
siR_142374	0.01	2.6106	8.02823761	1.37E-22	**
siR_142394	1.0635	0.4848	-1.13335843	0.015328041	*
siR_142396	1.3116	0.7832	-0.74387514	0.057586901	
siR_142397	4.5021	1.9393	-1.2150621	9.36E-08	**
siR_142399	3.7931	0.9696	-1.9679158	3.49E-12	**
siR_142415	1.2762	0.3356	-1.92703982	8.25E-05	**
siR_142456	1.5243	0.2611	-2.54547251	3.07E-07	**
siR_142463	1.028	1.5663	0.6075203	0.080149992	
siR_142471	1.2762	0.7086	-0.84881107	0.035970454	
siR_142475	0.01	1.529	7.2564446	1.55E-13	**
siR_142477	0.01	2.0512	7.68032436	6.59E-18	**
siR_142483	2.3397	0.5594	-2.0643714	1.94E-08	**
siR_142491	0.01	1.4545	7.18437949	6.51E-13	**
siR_142509	2.4106	0.9323	-1.37052611	1.93E-05	**
siR_142537	0.01	1.0815	6.75688986	8.62E-10	**
siR_142561	8.0471	4.3634	-0.88301623	3.67E-08	
siR_142562	7.5508	2.8716	-1.3947747	1.32E-14	**
siR_142564	1.3471	0.5967	-1.17477927	0.004838592	**
siR_142573	1.1344	0.1865	-2.6046819	8.62E-06	**
siR_142592	3.7222	4.3634	0.22929716	0.237033152	
siR_142595	1.9143	1.3799	-0.47225322	0.12532649	
siR_142609	1.4534	1.1188	-0.37747965	0.279258446	
siR_142639	0.01	33.3407	11.70306868	7.94E-280	**
siR_142645	0.01	16.4093	10.68029798	4.26E-138	**
siR_142648	0.01	2.8343	8.14684866	1.83E-24	**
siR_14265	1.8079	0.4848	-1.89885328	3.13E-06	**
siR_142650	0.01	2.8716	8.16571099	8.93E-25	**
siR_142656	1.0989	0.0746	-3.88074067	1.47E-07	**
siR_142657	2.4815	0.5967	-2.05613477	7.78E-09	**
siR_142673	1.418	1.0069	-0.49393712	0.170608303	
siR_142686	2.9778	2.6106	-0.18986544	0.418632111	

siR_142689	10.3159	7.4961	-0.46065759	0.00046057	
siR_142695	3.7577	2.9089	-0.36937619	0.085960318	
siR_14270	0.01	1.8647	7.54279973	2.40E-16	**
siR_142703	1.2407	0.3356	-1.88633969	0.000130463	**
siR_142724	1.028	0.634	-0.69728552	0.113380175	
siR_142743	2.5169	1.1561	-1.1223817	0.00018693	**
siR_142784	2.7651	0.7086	-1.96428829	3.21E-09	**
siR_142803	2.1624	1.4172	-0.60959005	0.0398341	
siR_14282	0.01	2.797	8.12773644	3.76E-24	**
siR_142828	10.3868	7.0858	-0.5517486	3.42E-05	
siR_142832	2.5524	1.4172	-0.84881107	0.002832475	
siR_142834	1.3825	0.7832	-0.81982681	0.03388769	
siR_142837	8.5789	7.869	-0.12461237	0.36018823	
siR_142843	1.3825	0.9323	-0.56841331	0.124362438	
siR_142885	3.1196	1.1934	-1.38628337	9.01E-07	**
siR_142900	1.418	1.6036	0.17745679	0.575429967	
siR_142910	0.01	1.1188	6.80580835	4.20E-10	**
siR_142915	2.8714	2.2003	-0.38405408	0.1200527	
siR_142916	2.3751	2.1258	-0.15998239	0.541538836	
siR_142923	0.01	1.6782	7.39077085	8.72E-15	**
siR_142931	8.4371	5.072	-0.73419246	1.50E-06	
siR_142937	40.7674	20.3625	-1.00150125	2.87E-43	**
siR_142938	6.3455	4.3634	-0.54028111	0.001501604	
siR_142939	2.6233	1.3799	-0.92681908	0.001112649	
siR_142940	2.7296	1.2307	-1.14921042	7.27E-05	**
siR_142943	1.1698	0.2611	-2.16358753	5.01E-05	**
siR_142947	0.01	5.2957	9.04867759	4.56E-45	**
siR_142955	38.286	13.7241	-1.4801054	8.34E-74	**
siR_142956	4.7503	2.0512	-1.21155046	4.44E-08	**
siR_142957	4.9984	2.0139	-1.31147431	2.33E-09	**
siR_142958	1.2762	0.5594	-1.18990228	0.005634656	**
siR_142969	104.152	57.8801	-0.84755122	6.91E-82	
siR_142970	17.7959	8.8386	-1.00965512	4.82E-20	**
siR_142971	4.6085	2.4987	-0.88311955	3.17E-05	
siR_142972	4.4312	1.5663	-1.50033688	4.91E-10	**
siR_142973	2.2688	1.0442	-1.11953137	0.00040461	**
siR_142974	1.2762	0.8951	-0.51173367	0.179854611	
siR_142975	1.3471	0.3729	-1.85299625	8.02E-05	**
siR_142989	4.5021	1.9766	-1.18757716	1.58E-07	**
siR_142990	1.5952	1.0442	-0.61133925	0.07756025	
siR_143004	8.3307	3.3564	-1.31152307	1.15E-14	**
siR_143005	1.1698	0.7086	-0.72321852	0.080618428	
siR_143006	1.1698	0.5594	-1.06430974	0.015477614	*
siR_14302	3.1196	2.0512	-0.60489289	0.013995381	
siR_143024	2.0915	1.0442	-1.00213993	0.001926451	**
siR_143059	0.01	5.2211	9.02820998	1.92E-44	**
siR_143060	0.01	3.5056	8.45351758	4.40E-30	**

siR_143072	54.3802	22.4509	-1.27630818	1.94E-83	**
siR_143073	20.4546	7.7198	-1.40578995	2.26E-37	**
siR_143074	4.6794	2.4241	-0.94887434	8.45E-06	
siR_143075	3.4386	1.5663	-1.13446074	1.02E-05	**
siR_143076	5.2466	1.2307	-2.09190368	1.51E-17	**
siR_143077	2.0915	0.8951	-1.22441722	0.000267923	**
siR_143078	2.2333	0.8951	-1.31905629	6.54E-05	**
siR_143079	2.9778	0.7459	-1.99719273	5.14E-10	**
siR_143080	2.5169	0.5221	-2.26924983	6.19E-10	**
siR_143088	91.4963	41.6945	-1.13385632	1.07E-115	**
siR_143089	13.5064	5.6687	-1.25255336	2.20E-21	**
siR_143090	6.0265	3.1327	-0.94391376	4.75E-07	
siR_143091	3.2614	1.9393	-0.7499554	0.002382611	
siR_143092	1.737	0.9696	-0.84113615	0.014841839	
siR_143095	1.4534	0.4475	-1.69947222	0.000111574	**
siR_143100	2.5524	1.268	-1.00929969	0.000557949	**
siR_143101	1.737	0.6713	-1.37156821	0.000295651	**
siR_143102	1.2762	0.5221	-1.28945638	0.003202105	**
siR_143105	7.09	1.2307	-2.5263065	9.44E-29	**
siR_143111	0.01	4.2142	8.71911497	5.16E-36	**
siR_143120	0.01	2.3122	7.85312238	4.30E-20	**
siR_143145	0.01	3.0954	8.27398204	1.20E-26	**
siR_143148	0.01	1.0442	6.70625425	1.77E-09	**
siR_143155	0.01	1.0069	6.6537766	3.63E-09	**
siR_143169	1.0989	0.1492	-2.88074067	3.93E-06	**
siR_143177	4.3958	2.5733	-0.77250609	0.000290834	
siR_143178	1.6661	0.4102	-2.0220756	3.16E-06	**
siR_143182	425.5767	169.6498	-1.32685944	0	**
siR_143183	21.0573	8.3911	-1.32738861	2.39E-35	**
siR_143184	8.4016	3.3192	-1.33982854	3.19E-15	**
siR_143185	5.2111	2.2749	-1.19578481	1.39E-08	**
siR_143186	3.545	1.4545	-1.28526233	7.63E-07	**
siR_143187	1.7016	1.0815	-0.65385827	0.052814454	
siR_143189	1.028	0.4848	-1.08437866	0.021479092	*
siR_143190	1.2053	0.4848	-1.31393068	0.003684871	**
siR_143195	8.5789	4.2888	-1.00021863	2.79E-10	**
siR_143222	13.1874	6.1162	-1.10845267	1.69E-17	**
siR_143223	2.9778	1.4545	-1.03372356	0.00014156	**
siR_143224	2.3042	0.5594	-2.04231379	3.11E-08	**
siR_143231	2.0915	1.4918	-0.48748387	0.09876211	
siR_143240	5.3175	2.0139	-1.40075608	9.21E-11	**
siR_143252	1.028	0.2984	-1.78452082	0.000827671	**
siR_143262	3.9704	1.7155	-1.21065523	5.84E-07	**
siR_143263	0.01	1.268	6.98641094	2.37E-11	**
siR_143265	3.5095	2.4241	-0.53381629	0.019795374	
siR_143275	35.9108	18.6842	-0.942599	8.25E-35	
siR_143282	7.1254	4.7363	-0.58921054	0.000274539	

siR_143284	0.01	1.0442	6.70625425	1.77E-09	**
siR_143287	347.6577	191.6905	-0.8588887	7.91E-275	
siR_143300	136.7659	68.9191	-0.9887328	5.94E-138	
siR_143310	15.598	8.1301	-0.94001605	6.07E-16	
siR_143316	1.6307	0.4102	-1.991092	5.04E-06	**
siR_143319	96.1757	46.2444	-1.05639375	1.41E-108	**
siR_143320	7.3027	3.2073	-1.18707066	2.31E-11	**
siR_143321	2.2333	1.0069	-1.14925665	0.000339181	**
siR_143322	2.4106	0.9323	-1.37052611	1.93E-05	**
siR_143323	1.4534	0.4475	-1.69947222	0.000111574	**
siR_143330	1.4534	0.7086	-1.03638844	0.008088782	**
siR_143335	2.4815	1.4545	-0.77068916	0.0067483	
siR_143345	50.0553	21.7423	-1.20301827	2.69E-70	**
siR_143346	2.5169	0.9323	-1.43278173	6.28E-06	**
siR_143347	1.1344	0.4475	-1.34196985	0.004230483	**
siR_143355	3.2968	1.6036	-1.03975205	5.69E-05	**
siR_143356	1.2762	0.4475	-1.51189485	0.000890445	**
siR_143377	1.9497	0.4475	-2.12329257	1.88E-07	**
siR_143383	40.1648	16.5212	-1.28161321	1.72E-62	**
siR_143384	1.8788	0.634	-1.56725675	3.20E-05	**
siR_143385	1.737	0.5221	-1.73419969	1.76E-05	**
siR_143391	6.9127	2.9462	-1.23039395	2.23E-11	**
siR_143398	6.8773	3.2073	-1.10048297	1.03E-09	**
siR_143399	12.3366	3.17	-1.96039009	3.42E-36	**
siR_143400	2.5878	0.7459	-1.79467199	7.17E-08	**
siR_143413	1.6307	0.634	-1.36293665	0.000487944	**
siR_143414	1.1344	0.1865	-2.6046819	8.62E-06	**
siR_143417	0.01	1.1561	6.85312238	2.05E-10	**
siR_143436	1.7725	0.4102	-2.11138623	7.60E-07	**
siR_143439	1.028	0.4102	-1.32544087	0.007079856	**
siR_143466	0.01	1.2307	6.94333532	4.86E-11	**
siR_143528	0.01	1.3426	7.06888574	5.63E-12	**
siR_143530	2.6587	3.9904	0.58581237	0.006664048	
siR_143532	40.732	24.0545	-0.75985584	1.04E-27	
siR_143534	7.6217	7.5334	-0.01681169	0.90668907	
siR_143535	1.1344	0.5967	-0.92685176	0.033495577	
siR_143544	1.028	0.0746	-3.78452082	4.98E-07	**
siR_14355	9.4651	8.5776	-0.14204371	0.274479274	
siR_143564	299.0558	267.77	-0.15942036	5.58E-12	
siR_143565	2.6942	3.0581	0.18277863	0.426145924	
siR_143570	84.619	64.7049	-0.38710667	1.22E-17	
siR_143572	1.418	0.8578	-0.72514431	0.053278736	
siR_143576	51.1543	49.1906	-0.05647286	0.304439805	
siR_14358	109.5404	79.063	-0.47038845	2.24E-31	
siR_143594	4.8921	5.967	0.28655188	0.0870577	
siR_1436	1.4889	0.4848	-1.61878526	0.000157192	**
siR_143610	4.3958	1.5663	-1.48876518	7.21E-10	**

siR_143613	1.418	0.4475	-1.66389794	0.000170776	**
siR_143619	0.01	1.3799	7.10841991	2.74E-12	**
siR_143623	0.8153	1.0815	0.40763075	0.312975092	
siR_14365	49.2754	36.8836	-0.41788811	2.46E-12	
siR_14366	2.0206	1.2307	-0.71530462	0.022165921	
siR_143680	1.0989	0.4848	-1.1805985	0.010852128	*
siR_143684	12.1948	14.6192	0.26159827	0.014015534	
siR_143685	1.2053	1.6409	0.44509504	0.176633357	
siR_143686	1.8788	0.8951	-1.06969073	0.001948509	**
siR_14369	40.5193	21.1829	-0.93570914	1.32E-38	
siR_14370	3.6159	0.7086	-2.35131141	3.08E-14	**
siR_143704	5.7429	2.2376	-1.35982728	4.54E-11	**
siR_143707	1.5243	0.3729	-2.03128617	7.99E-06	**
siR_14371	2.3042	0.3356	-2.77945132	3.20E-11	**
siR_143723	0.8508	1.2307	0.53258719	0.168826213	
siR_143754	1.6307	0.7086	-1.20244802	0.001551793	**
siR_143768	1.4889	1.7155	0.20438227	0.507014543	
siR_143769	1.3116	1.4172	0.11171556	0.736624307	
siR_14377	25.2404	10.2931	-1.29405723	1.73E-40	**
siR_143770	12.5847	10.9271	-0.20376026	0.073490392	
siR_143772	3.545	2.4241	-0.54833641	0.01641293	
siR_143773	2.5169	1.1934	-1.07657022	0.000303277	**
siR_143774	1.3825	0.8205	-0.75270424	0.048742451	
siR_143776	1.0635	1.268	0.25373471	0.483433973	
siR_14378	1.1344	0.2984	-1.92661	0.000211792	**
siR_143793	1.0635	0.7086	-0.58577666	0.167596979	
siR_143814	1.0989	0.5221	-1.07366204	0.018227899	*
siR_143816	3.3677	1.1934	-1.49668594	6.40E-08	**
siR_143817	0.01	11.0763	10.11326032	1.87E-93	**
siR_143831	2.5878	1.1934	-1.11664844	0.000160985	**
siR_143834	1.5243	0.2611	-2.54547251	3.07E-07	**
siR_143857	1.4889	0.8578	-0.79553364	0.031782142	
siR_143869	2.0206	0.9323	-1.11591758	0.00088024	**
siR_143874	0.01	1.2307	6.94333532	4.86E-11	**
siR_143884	54.4866	32.2592	-0.75619081	3.24E-36	
siR_143885	1.2762	0.5594	-1.18990228	0.005634656	**
siR_143890	4.6085	6.9367	0.58995224	0.000314042	
siR_143900	0.01	40.5384	11.98507343	0	**
siR_143901	0.01	1.6409	7.35834351	1.79E-14	**
siR_143904	12.6202	11.1136	-0.18340855	0.105467452	
siR_143911	18.0795	18.0875	0.00063824	0.993549634	
siR_143916	560.3574	385.4694	-0.53973094	3.67E-196	
siR_143917	150.3433	134.3698	-0.16205165	6.94E-07	
siR_143918	0.8862	1.5663	0.82165633	0.022681615	
siR_143943	2.4106	0.7832	-1.62193961	1.30E-06	**
siR_143944	1.5952	0.8951	-0.83361654	0.020601448	
siR_143949	3.5095	1.6409	-1.09677818	1.43E-05	**

siR_143951	0.01	1.268	6.98641094	2.37E-11	**
siR_143956	28.9272	15.1786	-0.93038795	8.75E-28	
siR_143962	0.01	3.0581	8.25649177	2.46E-26	**
siR_143978	1.0989	0.3356	-1.71124549	0.000775199	**
siR_143987	3.7577	2.8343	-0.40685742	0.060228086	
siR_143988	2.6942	2.163	-0.31682329	0.209136914	
siR_143993	1.737	0.6713	-1.37156821	0.000295651	**
siR_144028	3.5804	0.8205	-2.12554553	1.23E-12	**
siR_14403	0.01	1.9393	7.59939219	5.69E-17	**
siR_144035	0.01	4.2888	8.74443023	1.22E-36	**
siR_144039	0.01	2.163	7.75688986	7.63E-19	**
siR_144060	0.7799	1.0069	0.36855935	0.375328145	
siR_144072	0.01	2.9462	8.20271156	2.12E-25	**
siR_144074	0.01	9.2862	9.85894454	1.80E-78	**
siR_144079	0.01	5.8551	9.19355	9.47E-50	**
siR_144091	7.6217	5.9297	-0.36215371	0.016110596	
siR_144094	21.7308	20.2879	-0.09912175	0.243786602	
siR_144097	5.991	6.0043	0.00319923	0.982516993	
siR_144098	4.6794	4.2515	-0.13835162	0.45516859	
siR_144102	3.4032	5.7805	0.76430235	3.57E-05	
siR_144113	1.1344	0.7086	-0.67888607	0.103795176	
siR_144114	19.4975	9.9202	-0.97484804	1.13E-20	
siR_144126	1.8434	0.5221	-1.81997109	4.74E-06	**
siR_144135	0.01	1.8274	7.51364865	4.92E-16	**
siR_144136	0.01	1.7901	7.48389637	1.01E-15	**
siR_144137	0.01	1.4918	7.22091032	3.17E-13	**
siR_144157	0.01	2.8716	8.16571099	8.93E-25	**
siR_144168	2.6942	1.902	-0.5023397	0.053729201	
siR_14417	5.6011	2.0139	-1.47571814	4.64E-12	**
siR_144180	1.1344	1.4918	0.39512469	0.248761635	
siR_144184	1.6661	0.8205	-1.02189976	0.004996607	**
siR_144252	0.01	2.3122	7.85312238	4.30E-20	**
siR_144271	1.9497	1.3053	-0.57887073	0.062635311	
siR_144275	3.6868	2.4987	-0.56119146	0.012441485	
siR_144310	1.0989	1.1188	0.02589205	0.941336795	
siR_144311	1.2053	0.5594	-1.10744012	0.01113063	*
siR_144317	1.8434	0.2611	-2.81969479	2.43E-09	**
siR_144334	2.7296	0.8205	-1.73411431	6.49E-08	**
siR_144353	0.01	1.268	6.98641094	2.37E-11	**
siR_144361	1.737	0.0373	-5.54127831	1.58E-13	**
siR_144364	0.01	18.6842	10.86760308	3.86E-157	**
siR_144371	0.01	7.7198	9.59241966	2.33E-65	**
siR_144385	0.01	1.529	7.2564446	1.55E-13	**
siR_144416	0.01	26.8889	11.39279502	8.07E-226	**
siR_144419	1.5598	0.2238	-2.80107912	4.88E-08	**
siR_144421	5.672	1.0815	-2.39082387	6.04E-22	**
siR_144428	2.9069	4.1769	0.52295116	0.012225114	

siR_144430	0.01	1.6036	7.32517051	3.67E-14	**
siR_144433	0.01	5.5568	9.11811051	2.98E-47	**
siR_144452	0.01	17.6773	10.78768222	1.04E-148	**
siR_144457	1.418	0.7459	-0.9268034	0.017122488	
siR_144500	12.9747	6.0416	-1.10269861	4.13E-17	**
siR_144526	1.5243	0.1119	-3.76786493	6.89E-10	**
siR_144527	0.01	1.7155	7.42248532	4.25E-15	**
siR_144528	0.709	1.3053	0.88052389	0.027582602	
siR_144530	1.2053	0.7459	-0.69233815	0.087734995	
siR_144540	5.6365	3.0581	-0.88216401	4.22E-06	
siR_144545	0.01	1.1188	6.80580835	4.20E-10	**
siR_144550	5.3175	1.4545	-1.87022483	1.54E-15	**
siR_14456	0.01	1.4545	7.18437949	6.51E-13	**
siR_144562	0.01	1.268	6.98641094	2.37E-11	**
siR_144565	0.01	1.268	6.98641094	2.37E-11	**
siR_144571	0.01	2.6852	8.06888574	3.25E-23	**
siR_144573	0.01	5.2211	9.02820998	1.92E-44	**
siR_144578	0.01	2.4241	7.9213054	4.98E-21	**
siR_144583	5.1402	3.5056	-0.5521631	0.003591502	
siR_144599	12.9392	4.3634	-1.56822378	3.28E-28	**
siR_144615	1.2762	1.0815	-0.23882077	0.512575605	
siR_144626	2.0561	1.3053	-0.65552901	0.032588518	
siR_144627	1.6661	0.9696	-0.78101339	0.025220231	
siR_144642	1.7016	0.3729	-2.19003124	7.23E-07	**
siR_144643	1.8788	0.5967	-1.65473382	1.53E-05	**
siR_144647	2.3751	1.1561	-1.03872206	0.000656756	**
siR_144670	6.2392	1.3799	-2.17679734	1.41E-21	**
siR_144679	6.381	3.5802	-0.83374235	3.06E-06	
siR_144683	2.0206	1.6409	-0.30029643	0.302251247	
siR_144693	0.01	8.3165	9.69983269	2.36E-70	**
siR_144696	3.8286	1.7155	-1.15818781	2.18E-06	**
siR_144708	1.737	0.6713	-1.37156821	0.000295651	**
siR_14475	0.5317	1.0442	0.97371369	0.032467048	
siR_144751	6.1328	3.17	-0.95206306	3.10E-07	
siR_144759	2.9069	1.9393	-0.58394544	0.021594203	
siR_144760	2.3397	1.4172	-0.72328019	0.012838607	
siR_144761	1.4534	0.4848	-1.58397021	0.000237648	**
siR_144768	1.8079	1.1934	-0.5992372	0.064599474	
siR_144772	1.2762	0.5221	-1.28945638	0.003202105	**
siR_144788	5.8492	4.3634	-0.42278659	0.014946081	
siR_144789	24.7795	16.4839	-0.58808946	1.17E-11	
siR_144792	2.0561	2.163	0.07312323	0.783461142	
siR_144793	1.1344	0.2611	-2.11925507	8.17E-05	**
siR_144795	1.3471	1.1561	-0.22059076	0.53282973	
siR_144798	1.3471	0.6713	-1.0048274	0.013015658	*
siR_144816	31.7986	8.0555	-1.98091721	7.25E-92	**
siR_144825	0.01	1.1561	6.85312238	2.05E-10	**

siR_144855	23.6097	11.0763	-1.09190368	2.06E-29	**
siR_144861	31.0187	15.7007	-0.98230934	2.50E-32	
siR_144865	1.3825	0.5594	-1.30532732	0.001931693	**
siR_144879	1.5952	0.4102	-1.95933792	8.02E-06	**
siR_144889	2.8005	1.2307	-1.1862053	3.76E-05	**
siR_144938	0.01	1.7528	7.45351758	2.07E-15	**
siR_144940	0.01	1.3426	7.06888574	5.63E-12	**
siR_144953	0.9217	1.3426	0.54266039	0.143602431	
siR_144960	4.0058	2.6479	-0.59724175	0.005844677	
siR_144984	0.5317	1.7155	1.68994475	2.47E-05	**
siR_144989	1.028	0.8205	-0.32526503	0.431150137	
siR_14499	3.3323	1.6409	-1.02203097	6.60E-05	**
siR_144990	1.4534	0.1865	-2.96218428	6.23E-08	**
siR_144991	4.8921	1.8647	-1.39151035	6.33E-10	**
siR_144999	5.4593	7.6825	0.49285988	0.001271633	
siR_145005	1.7016	1.6036	-0.08557762	0.781632893	
siR_145006	10.2096	5.6314	-0.85836081	1.38E-09	
siR_145010	2.4106	1.9393	-0.31385628	0.239317058	
siR_145011	3.3323	2.7225	-0.29158624	0.196039184	
siR_145012	4.0058	5.4449	0.44281516	0.013994008	
siR_145052	1.418	0.4848	-1.54839593	0.00035749	**
siR_145053	1.9852	1.0815	-0.87625069	0.006940346	
siR_145056	0.01	6.1162	9.25649177	6.18E-52	**
siR_145062	0.01	24.6512	11.26744216	4.34E-207	**
siR_145075	0.01	1.268	6.98641094	2.37E-11	**
siR_145098	2.7296	2.163	-0.33565589	0.181790146	
siR_145102	0.01	1.0442	6.70625425	1.77E-09	**
siR_145138	2.7296	0.9323	-1.54982338	6.11E-07	**
siR_145143	0.01	1.8274	7.51364865	4.92E-16	**
siR_145159	1.0989	0.2611	-2.07338574	0.000132441	**
siR_145161	3.0841	1.4172	-1.12180617	3.48E-05	**
siR_145173	9.3588	8.0182	-0.22304515	0.092380839	
siR_145248	2.127	0.3356	-2.66400541	4.73E-10	**
siR_145251	1.0635	0.3356	-1.66400541	0.001193189	**
siR_145253	0.01	2.1258	7.73186206	1.57E-18	**
siR_145258	1.4889	0.6713	-1.14921731	0.003563263	**
siR_145268	14.1091	7.3096	-0.9487616	9.12E-15	
siR_145271	1.3825	1.6036	0.21403484	0.50264256	
siR_145275	0.01	1.0442	6.70625425	1.77E-09	**
siR_14532	0.01	1.529	7.2564446	1.55E-13	**
siR_145375	1.3825	0.5594	-1.30532732	0.001931693	**
siR_145379	3.0132	0.7086	-2.08825306	1.23E-10	**
siR_145385	1.3471	0.7086	-0.92681358	0.020219118	
siR_145386	1.7016	0.2984	-2.5115725	7.61E-08	**
siR_145387	19.6393	4.6617	-2.07481544	7.30E-61	**
siR_145398	0.01	28.0077	11.4516078	3.48E-235	**
siR_1454	1.2407	0.8578	-0.53244109	0.170484507	

siR_145401	0.01	4.065	8.66711154	9.14E-35	**
siR_145425	5.282	6.7129	0.34585185	0.030161427	
siR_145427	75.6857	39.0467	-0.95482012	5.99E-73	
siR_145430	23.5388	17.7146	-0.41010188	1.97E-06	
siR_145431	1.028	0.4475	-1.19988068	0.012673013	*
siR_145434	1.5598	2.5733	0.7222586	0.008804047	
siR_145436	0.6381	1.3053	1.03252698	0.011897015	*
siR_145441	0.01	16.372	10.67701486	8.74E-138	**
siR_145468	41.9727	14.6565	-1.51791065	9.73E-84	**
siR_145469	3.2968	1.1561	-1.51180018	7.08E-08	**
siR_145485	0.01	2.0512	7.68032436	6.59E-18	**
siR_14552	91.8863	90.7733	-0.01758177	0.666267692	
siR_145541	1.028	0.2984	-1.78452082	0.000827671	**
siR_14555	21.0573	12.3443	-0.77047543	2.09E-15	
siR_14556	4.9984	4.4753	-0.15948196	0.374969616	
siR_145567	0.01	2.536	7.98641094	5.76E-22	**
siR_145586	3.2259	1.3426	-1.26467217	3.23E-06	**
siR_145587	1.8788	1.1188	-0.74785934	0.021928453	
siR_145594	1.9852	0.8578	-1.21057114	0.000435901	**
siR_145595	1.3116	0.7086	-0.88828444	0.027066419	
siR_145597	0.01	3.4683	8.43808488	9.04E-30	**
siR_145598	0.01	1.7155	7.42248532	4.25E-15	**
siR_14560	15.8816	23.0103	0.53492353	1.82E-09	
siR_145608	0.01	5.2584	9.03848008	9.36E-45	**
siR_14561	8.3307	10.405	0.32076733	0.011899784	
siR_145619	4.6085	3.0581	-0.59166167	0.003355963	
siR_145624	30.8769	20.5489	-0.58746675	3.82E-14	
siR_145625	1.2762	1.0069	-0.34193403	0.356452408	
siR_145631	11.3085	13.1647	0.21926707	0.049000797	
siR_145639	3.0487	1.9393	-0.65265819	0.009349617	
siR_145669	1.9143	1.2307	-0.63733781	0.044427898	
siR_145693	2.6233	1.529	-0.7787944	0.004932752	
siR_145694	0.01	1.0442	6.70625425	1.77E-09	**
siR_145697	0.01	2.1258	7.73186206	1.57E-18	**
siR_145729	1.028	0.3356	-1.61502564	0.001825058	**
siR_14575	2.446	2.0885	-0.22795726	0.382358256	
siR_145756	16.8387	8.5403	-0.97942211	3.43E-18	
siR_145760	12.7265	6.3027	-1.01379381	7.47E-15	**
siR_145763	1.2407	0.7086	-0.80811094	0.047445627	
siR_145766	4.573	0.8951	-2.35302015	1.17E-17	**
siR_145860	1.3116	0.2238	-2.55104587	2.11E-06	**
siR_145862	4.0767	1.3053	-1.64302037	1.85E-10	**
siR_145877	0.01	2.4241	7.9213054	4.98E-21	**
siR_145881	0.01	5.2211	9.02820998	1.92E-44	**
siR_145896	1.2407	0.8578	-0.53244109	0.170484507	
siR_145900	5.4238	3.5802	-0.5992638	0.001280166	
siR_145914	9.4651	4.5499	-1.05678291	4.06E-12	**

siR_145935	1. 5598	0. 2238	-2. 80107912	4. 88E-08	**
siR_145956	0. 01	1. 0815	6. 75688986	8. 62E-10	**
siR_145969	1. 9852	0. 634	-1. 64672961	9. 33E-06	**
siR_145999	3. 8286	1. 529	-1. 32422853	1. 44E-07	**
siR_146003	3. 1196	1. 3053	-1. 25697963	5. 22E-06	**
siR_146067	5. 5656	7. 2723	0. 38587449	0. 012407979	
siR_146069	2. 6587	1. 2307	-1. 11124187	0. 000138623	**
siR_14607	0. 01	24. 0172	11. 22985225	8. 80E-202	**
siR_146076	0. 01	6. 1908	9. 27398204	1. 47E-52	**
siR_146087	1. 028	0. 4848	-1. 08437866	0. 021479092	*
siR_14610	0. 01	3. 6548	8. 51364865	2. 48E-31	**
siR_146118	1. 1344	1. 4545	0. 35859386	0. 298164822	
siR_146149	4. 6085	3. 5429	-0. 37936651	0. 051017405	
siR_146154	3. 8995	1. 529	-1. 35070074	7. 03E-08	**
siR_146155	6. 7355	2. 4614	-1. 45230592	6. 45E-14	**
siR_146158	1. 5598	0. 2611	-2. 57868669	1. 81E-07	**
siR_146167	3. 2614	0. 8578	-1. 92677817	2. 08E-10	**
siR_146169	2. 9069	0. 8951	-1. 69936067	3. 77E-08	**
siR_146185	7. 3027	2. 4614	-1. 56895084	1. 37E-16	**
siR_14619	1. 6661	1. 0815	-0. 62344133	0. 066287572	
siR_146192	0. 01	3. 7294	8. 54279973	5. 90E-32	**
siR_146229	0. 01	1. 4545	7. 18437949	6. 51E-13	**
siR_146231	14. 5699	7. 6079	-0. 93742079	6. 29E-15	
siR_146232	12. 5138	6. 5637	-0. 93093875	6. 78E-13	
siR_146249	1. 8788	1. 2307	-0. 61033237	0. 055396282	
siR_14625	1. 4534	0. 4848	-1. 58397021	0. 000237648	**
siR_146254	0. 01	4. 4753	8. 80584059	3. 37E-38	**
siR_146256	0. 01	3. 8786	8. 59939219	3. 33E-33	**
siR_146259	0. 01	1. 9393	7. 59939219	5. 69E-17	**
siR_14626	4. 7857	0. 9696	-2. 30326836	5. 48E-18	**
siR_146263	0. 01	11. 5238	10. 17040081	3. 35E-97	**
siR_146296	0. 01	2. 163	7. 75688986	7. 63E-19	**
siR_146425	0. 01	15. 738	10. 6200365	1. 77E-132	**
siR_146435	1. 9143	1. 3799	-0. 47225322	0. 12532649	
siR_146452	1. 1698	0. 8951	-0. 38614112	0. 322692255	
siR_14646	3. 8995	3. 3192	-0. 23245359	0. 259701347	
siR_146479	0. 01	1. 4172	7. 14689956	1. 34E-12	**
siR_14648	14. 2509	10. 1439	-0. 49044061	1. 29E-05	
siR_146503	13. 7191	4. 2888	-1. 6775399	1. 12E-32	**
siR_146504	1. 8079	0. 8578	-1. 07560166	0. 002277255	**
siR_146505	2. 0206	0. 5594	-1. 85283159	1. 21E-06	**
siR_146506	1. 418	0. 3356	-2. 07904291	1. 26E-05	**
siR_146527	3. 0841	3. 2446	0. 07319109	0. 736979369	
siR_146544	0. 01	43. 7457	12. 0949255	0	**
siR_146552	0. 01	50. 3467	12. 2976815	0	**
siR_146560	0. 01	41. 9556	12. 03464767	0	**
siR_14660	0. 9571	1. 1561	0. 27252462	0. 474167388	

siR_146628	3.2614	0.8578	-1.92677817	2.08E-10	**
siR_14665	12.7265	6.974	-0.86777744	8.60E-12	
siR_146692	1.028	0.5967	-0.78476258	0.079326488	
siR_146708	2.6587	1.0815	-1.29768733	1.66E-05	**
siR_146730	0.01	4.4007	8.78158921	1.42E-37	**
siR_146753	3.4741	3.4683	-0.00241059	0.992819923	
siR_146764	17.7959	10.8152	-0.71848455	6.69E-12	
siR_146766	1.0635	0.5594	-0.92686787	0.039728581	
siR_146788	3.7931	1.3053	-1.53899598	4.59E-09	**
siR_146829	3.6868	3.0581	-0.26973357	0.206489388	
siR_146835	0.01	4.3634	8.76930892	2.91E-37	**
siR_146855	6.0619	1.6409	-1.88528273	1.09E-17	**
siR_146912	2.9423	2.2003	-0.41924411	0.08769642	
siR_146925	0.01	55.3068	12.43324116	0	**
siR_14693	0.01	1.7155	7.42248532	4.25E-15	**
siR_146934	0.01	11.8222	10.20728282	1.07E-99	**
siR_146939	0.01	35.4665	11.79224125	1.27E-297	**
siR_146943	5839.671	2802.1865	-1.05933411	0	**
siR_146944	56.9326	22.0407	-1.36908494	5.17E-97	**
siR_146945	74.9412	17.3789	-2.10842231	7.75E-232	**
siR_146946	32.5076	12.1578	-1.41889486	3.43E-59	**
siR_146947	4.9984	1.8647	-1.42252282	2.10E-10	**
siR_146948	2.4106	0.9696	-1.31393068	3.51E-05	**
siR_146949	2.4106	0.4848	-2.31393068	9.19E-10	**
siR_146954	1.2762	1.529	0.26073397	0.429357014	
siR_146955	5.991	1.8647	-1.68385329	3.45E-15	**
siR_146958	1.0989	1.1188	0.02589205	0.941336795	
siR_146963	0.8862	1.0815	0.28732943	0.466872116	
siR_146965	4.3249	2.4987	-0.79148908	0.000242691	
siR_146969	1.418	1.3799	-0.03929381	0.908620659	
siR_146994	8.0117	2.797	-1.51822815	2.78E-17	**
siR_147002	1.418	0.1865	-2.92661	1.09E-07	**
siR_147031	1.1698	0.9696	-0.27080029	0.47987045	
siR_147033	1.6661	0.5221	-1.67407693	4.12E-05	**
siR_147040	0.01	3.8786	8.59939219	3.33E-33	**
siR_147063	0.01	1.5663	7.29121675	7.54E-14	**
siR_14707	1.418	1.0069	-0.49393712	0.170608303	
siR_147079	0.01	8.503	9.73182813	6.48E-72	**
siR_14708	4.8921	1.8274	-1.42066143	3.40E-10	**
siR_147088	0.01	1.7155	7.42248532	4.25E-15	**
siR_147110	1.3116	0.8578	-0.61261459	0.109565176	
siR_147157	0.01	1.3053	7.02823761	1.15E-11	**
siR_147180	1.4534	0.9696	-0.58397021	0.106236151	
siR_1472	1.9852	1.1934	-0.73420668	0.020388005	
siR_147200	1.3825	0.8578	-0.68856626	0.068256577	
siR_147283	1.2407	0.4102	-1.59675492	0.000655154	**
siR_147302	1.418	0.634	-1.16130279	0.004153001	**

siR_147312	9.3233	5.967	-0.64383491	6.58E-06	
siR_147318	0.01	5.5941	9.12776223	1.45E-47	**
siR_147331	1.0635	0.8951	-0.24869926	0.535296857	
siR_147334	1.028	0.4475	-1.19988068	0.012673013	*
siR_147359	4.8212	1.3426	-1.84436273	5.56E-14	**
siR_147400	6.8418	2.1258	-1.68637006	3.56E-17	**
siR_147405	2.6942	2.1258	-0.34185108	0.177130031	
siR_147410	1.5243	0.634	-1.26559212	0.001459604	**
siR_147441	1.5243	0.6713	-1.18311732	0.002538095	**
siR_147456	2.1979	0.4848	-2.18066414	1.77E-08	**
siR_147457	1.3471	0.9323	-0.53099078	0.153965443	
siR_147466	1.2407	0.5594	-1.14920216	0.007946935	**
siR_147498	285.6912	79.697	-1.84185927	0	**
siR_147502	5.6011	2.9089	-0.94523648	1.18E-06	
siR_147504	1.2053	0.2984	-2.01407284	8.31E-05	**
siR_147506	5.991	1.6036	-1.90148251	1.11E-17	**
siR_147511	5.8138	2.163	-1.42644778	6.40E-12	**
siR_147522	0.01	14.3954	10.49139216	3.07E-121	**
siR_147526	0.01	1.7901	7.48389637	1.01E-15	**
siR_147527	0.01	1.4545	7.18437949	6.51E-13	**
siR_147528	0.01	1.0442	6.70625425	1.77E-09	**
siR_147532	0.01	4.6617	8.86471235	9.25E-40	**
siR_147533	0.01	4.2142	8.71911497	5.16E-36	**
siR_147534	0.01	1.2307	6.94333532	4.86E-11	**
siR_147560	1.3825	0.1865	-2.89003194	1.90E-07	**
siR_147578	6.4873	1.0442	-2.63522009	1.23E-27	**
siR_147580	13.1519	3.1327	-2.06979271	3.51E-41	**
siR_147581	3.4741	1.0442	-1.73424122	1.02E-09	**
siR_147582	4.8212	0.8578	-2.49067906	1.03E-19	**
siR_147583	4.573	0.7832	-2.54568825	3.32E-19	**
siR_147592	1.4534	0.5967	-1.28435413	0.001680536	**
siR_147598	1.3825	0.2238	-2.62699754	7.30E-07	**
siR_147606	0.01	34.0493	11.73340942	9.29E-286	**
siR_147607	0.01	3.0954	8.27398204	1.20E-26	**
siR_147615	0.01	4.0277	8.65381242	1.88E-34	**
siR_147622	0.01	2.6852	8.06888574	3.25E-23	**
siR_147640	0.01	1.7528	7.45351758	2.07E-15	**
siR_147643	1.0989	0.5594	-0.97410795	0.02925074	
siR_147644	1.8434	1.0069	-0.87244875	0.009591885	
siR_147661	0.01	1.5663	7.29121675	7.54E-14	**
siR_147681	8.6143	10.2558	0.25163456	0.047412766	
siR_14769	2.7651	4.065	0.5559237	0.008989147	
siR_147692	1.028	0.2984	-1.78452082	0.000827671	**
siR_147701	2.4106	1.4172	-0.76634891	0.007896093	
siR_147704	4.9275	1.7901	-1.46081569	1.23E-10	**
siR_147711	1.5598	0.6713	-1.21633151	0.00179751	**
siR_147744	1.4534	0.2984	-2.28411237	2.74E-06	**

siR_147753	1. 1698	0. 6713	-0. 80123235	0. 056236154	
siR_147755	1. 737	0. 5221	-1. 73419969	1. 76E-05	**
siR_147758	2. 0561	0. 634	-1. 69735569	4. 03E-06	**
siR_147819	4. 9984	2. 0885	-1. 25899922	7. 19E-09	**
siR_14782	1. 1344	0. 634	-0. 83937469	0. 050540314	
siR_147824	0. 2481	1. 0442	2. 07340442	0. 000174526	**
siR_147858	1. 5952	0. 6713	-1. 24870777	0. 00126596	**
siR_147866	1. 028	0. 5594	-0. 87788811	0. 053501766	
siR_147875	10. 8477	14. 2463	0. 39319809	0. 000366433	
siR_147878	1. 0635	0. 9696	-0. 13335843	0. 73604387	
siR_147902	3. 1905	1. 3799	-1. 20921881	7. 82E-06	**
siR_147904	0. 01	18. 0129	10. 81481475	1. 61E-151	**
siR_147907	24. 2123	9. 4726	-1. 35390776	1. 38E-41	**
siR_147908	1. 3116	0. 7832	-0. 74387514	0. 057586901	
siR_147911	2. 0915	0. 634	-1. 72198325	2. 63E-06	**
siR_147918	2. 9778	3. 0954	0. 05587899	0. 801062988	
siR_147920	82. 2084	42. 3285	-0. 95765645	1. 85E-79	
siR_147921	0. 7799	1. 0815	0. 47167261	0. 248471739	
siR_147937	7. 7635	8. 9132	0. 19923627	0. 139700249	
siR_147938	1. 1344	1. 0442	-0. 11953137	0. 754361807	
siR_147946	4. 1831	4. 2888	0. 03600155	0. 847614799	
siR_147985	0. 4608	1. 1934	1. 37286506	0. 002621948	**
siR_147999	4. 963	3. 1327	-0. 66380584	0. 000743199	
siR_148019	3. 3677	1. 4918	-1. 17470949	7. 13E-06	**
siR_148037	7. 799	4. 1769	-0. 90085655	3. 54E-08	
siR_148038	1. 2053	0. 5221	-1. 20699422	0. 006557539	**
siR_148040	1. 3471	0. 2238	-2. 58957501	1. 24E-06	**
siR_148041	1. 1344	0. 1865	-2. 6046819	8. 62E-06	**
siR_14805	2. 8005	1. 6782	-0. 73876977	0. 005500505	
siR_148053	1. 1344	0. 2611	-2. 11925507	8. 17E-05	**
siR_148080	1. 2762	0. 7832	-0. 70440177	0. 074231739	
siR_14812	3. 0132	3. 7667	0. 3220047	0. 129209938	
siR_148134	2. 9423	1. 0815	-1. 44391069	8. 78E-07	**
siR_148135	1. 7016	0. 4848	-1. 81143033	1. 20E-05	**
siR_148149	1. 028	0. 1865	-2. 46259273	4. 21E-05	**
siR_148159	1. 2053	0. 3729	-1. 69253158	0. 000467353	**
siR_148166	0. 01	16. 7077	10. 70629743	1. 36E-140	**
siR_148174	0. 01	2. 9089	8. 18432989	4. 35E-25	**
siR_148215	0. 01	4. 1023	8. 68028919	4. 46E-35	**
siR_148217	3. 864	3. 0581	-0. 33745951	0. 109626532	
siR_148240	2. 5169	1. 4172	-0. 82860453	0. 003683551	
siR_148242	1. 7016	1. 0069	-0. 75697153	0. 027686419	
siR_148243	1. 3471	0. 4848	-1. 47439535	0. 000796247	**
siR_148249	5. 4593	2. 6479	-1. 04386734	1. 91E-07	**
siR_148257	1. 9852	2. 3122	0. 21998183	0. 408318145	
siR_148259	22. 0144	8. 1301	-1. 43710252	2. 17E-41	**
siR_148260	3. 0487	1. 7155	-0. 82956507	0. 00136125	

siR_148267	2.3397	0.7459	-1.64926942	1.41E-06	**
siR_148275	3.2259	3.17	-0.02521888	0.909944392	
siR_148291	0.01	2.6479	8.04870483	6.67E-23	**
siR_148292	0.01	2.2749	7.82965932	8.83E-20	**
siR_148300	0.01	15.0294	10.5535717	1.51E-126	**
siR_148310	0.01	1.7155	7.42248532	4.25E-15	**
siR_148312	0.01	4.3261	8.7569232	5.97E-37	**
siR_148313	0.01	3.3564	8.39077085	7.81E-29	**
siR_148335	2.7296	1.2307	-1.14921042	7.27E-05	**
siR_148340	0.01	10.4423	10.0282238	3.79E-88	**
siR_148345	0.01	3.5802	8.48389637	1.05E-30	**
siR_148353	0.01	2.8716	8.16571099	8.93E-25	**
siR_148379	3.3677	0.8578	-1.97305041	5.31E-11	**
siR_148391	0.01	1.4172	7.14689956	1.34E-12	**
siR_148407	0.01	13.836	10.4342112	1.48E-116	**
siR_148413	1.2053	1.0442	-0.20699422	0.579823032	
siR_148422	0.01	4.1769	8.70628879	1.06E-35	**
siR_148424	0.01	2.0512	7.68032436	6.59E-18	**
siR_148437	1.0989	0.4102	-1.42166071	0.003288611	**
siR_148439	0.01	1.0069	6.6537766	3.63E-09	**
siR_148447	1.028	0.3729	-1.46297956	0.003720663	**
siR_148450	1.7725	0.634	-1.48323088	0.000105591	**
siR_148457	0.01	2.2003	7.78155643	3.72E-19	**
siR_148460	0.01	1.7901	7.48389637	1.01E-15	**
siR_148488	53.2813	24.3156	-1.13174709	5.93E-68	**
siR_148489	1.737	0.4848	-1.84113615	7.68E-06	**
siR_148525	1.8079	1.7901	-0.0142747	0.963590548	
siR_148531	1.6307	0.4848	-1.75002979	2.87E-05	**
siR_14854	0.01	1.0442	6.70625425	1.77E-09	**
siR_148551	2.9423	4.1396	0.49254702	0.018191414	
siR_148557	1.5243	0.7459	-1.03109274	0.006885853	**
siR_148558	1.4889	0.5221	-1.5118488	0.000322184	**
siR_14857	0.01	1.3426	7.06888574	5.63E-12	**
siR_148574	1.2407	0.5221	-1.24875625	0.004597643	**
siR_148601	1.3825	0.1119	-3.62699754	7.64E-09	**
siR_14861	0.01	3.7294	8.54279973	5.90E-32	**
siR_148644	16.4488	5.4449	-1.59500488	2.88E-36	**
siR_148661	0.01	1.0815	6.75688986	8.62E-10	**
siR_148666	1.0989	0.7459	-0.55900597	0.178387672	
siR_148680	1.418	0.8205	-0.78928229	0.037521829	
siR_148683	8.6143	3.3564	-1.35981891	6.82E-16	**
siR_148695	1.3825	2.0139	0.54271257	0.072644775	
siR_148747	2.3397	1.6036	-0.54500923	0.053116145	
siR_148755	6.4873	3.0581	-1.08498257	4.60E-09	**
siR_148759	1.5598	0.8205	-0.92678582	0.012310409	
siR_148765	0.01	3.0581	8.25649177	2.46E-26	**
siR_148769	0.01	7.7944	9.60629416	5.54E-66	**

siR_148782	4.4312	2.2376	-0.98574528	7.74E-06	
siR_148837	4.573	2.0885	-1.13067378	3.74E-07	**
siR_148853	0.01	1.1934	6.89893387	9.98E-11	**
siR_148905	5.9556	1.7528	-1.76458547	4.98E-16	**
siR_148938	0.01	2.0885	7.70632333	3.21E-18	**
siR_148952	1.5598	0.5967	-1.38628337	0.000554254	**
siR_148998	2.9778	1.1188	-1.4122947	1.14E-06	**
siR_149011	0.01	1.8647	7.54279973	2.40E-16	**
siR_149028	1.7016	0.8578	-0.98817872	0.005777092	
siR_149078	1.028	0.9323	-0.14097409	0.726340828	
siR_149093	0.01	1.0069	6.6537766	3.63E-09	**
siR_149094	0.01	4.4007	8.78158921	1.42E-37	**
siR_149096	0.01	1.1188	6.80580835	4.20E-10	**
siR_149162	0.01	2.0139	7.65384824	1.35E-17	**
siR_149172	0.8508	1.3426	0.65813761	0.082288618	
siR_149173	2.4106	1.4172	-0.76634891	0.007896093	
siR_149196	4.9984	1.7155	-1.54283723	1.49E-11	**
siR_149204	0.01	1.902	7.57137344	1.17E-16	**
siR_149217	0.01	1.0815	6.75688986	8.62E-10	**
siR_149259	2.1624	1.0815	-0.99959975	0.001645383	
siR_149263	0.01	2.8343	8.14684866	1.83E-24	**
siR_149264	2.0206	2.4241	0.26266546	0.315969192	
siR_149273	0.01	6.9367	9.43810568	8.38E-59	**
siR_149276	0.01	37.7041	11.8805057	831474041048e	**
siR_149282	0.01	2.7225	8.08878824	1.58E-23	**
siR_149289	0.01	1.5663	7.29121675	7.54E-14	**
siR_149294	0.01	2.3495	7.87620996	2.10E-20	**
siR_149359	4.3249	2.3868	-0.85758909	8.47E-05	
siR_149366	0.01	1.0815	6.75688986	8.62E-10	**
siR_149408	1.9497	0.4475	-2.12329257	1.88E-07	**
siR_149421	0.01	3.5429	8.46878694	2.15E-30	**
siR_149442	6.8773	0.7459	-3.20478815	2.47E-35	**
siR_149483	0.01	9.5472	9.89893387	1.18E-80	**
siR_149487	0.01	40.4266	11.98108916	0	**
siR_149488	0.01	1.8274	7.51364865	4.92E-16	**
siR_149506	11.9466	5.967	-1.0015224	8.76E-14	**
siR_149514	1.0635	0.8205	-0.37424479	0.360625484	
siR_149520	5.4947	2.2376	-1.29608856	5.39E-10	**
siR_149526	3.0487	2.797	-0.12431394	0.58842659	
siR_149531	0.01	3.8786	8.59939219	3.33E-33	**
siR_149543	0.01	1.9393	7.59939219	5.69E-17	**
siR_149548	0.01	2.3868	7.89893387	1.02E-20	**
siR_149554	0.319	1.1188	1.81032383	0.000377597	**
siR_149557	3.0841	2.6106	-0.24046812	0.301023794	
siR_149562	1.418	0.1865	-2.92661	1.09E-07	**
siR_149568	1.028	0.4102	-1.32544087	0.007079856	**
siR_149588	0.01	1.0442	6.70625425	1.77E-09	**

siR_149592	1. 0989	0. 9696	-0. 1805985	0. 64392648	
siR_149593	1. 1698	0. 4475	-1. 38630231	0. 002893159	**
siR_149602	0. 01	1. 7528	7. 45351758	2. 07E-15	**
siR_149604	4. 3249	4. 2888	-0. 01209274	0. 95044831	
siR_149606	22. 7589	20. 8473	-0. 12657028	0. 12948465	
siR_149630	0. 01	1. 3426	7. 06888574	5. 63E-12	**
siR_149637	0. 01	1. 529	7. 2564446	1. 55E-13	**
siR_149648	5. 5302	2. 4614	-1. 16785253	9. 57E-09	**
siR_149662	1. 1344	0. 7459	-0. 60487531	0. 14203681	
siR_149740	3. 3323	1. 8647	-0. 83757475	0. 000731131	
siR_149754	1. 2053	0. 7459	-0. 69233815	0. 087734995	
siR_149798	2. 3042	1. 7155	-0. 42563682	0. 125976802	
siR_149802	1. 4534	0. 7086	-1. 03638844	0. 008088782	**
siR_149803	30. 2388	20. 2506	-0. 57843623	1. 53E-13	
siR_149817	0. 01	3. 0581	8. 25649177	2. 46E-26	**
siR_149834	9. 2524	12. 941	0. 48404956	3. 87E-05	
siR_149839	0. 01	2. 3868	7. 89893387	1. 02E-20	**
siR_149851	6. 5228	9. 2116	0. 49796037	0. 000367515	
siR_149853	2. 5878	1. 7155	-0. 593097	0. 028048357	
siR_149854	3. 3323	1. 1934	-1. 48144061	9. 41E-08	**
siR_149857	1. 0635	0. 4475	-1. 24886045	0. 008857046	**
siR_149864	1. 1698	0. 7832	-0. 57880922	0. 151563912	
siR_149884	0. 01	8. 1301	9. 66712929	8. 58E-69	**
siR_149916	29. 0335	21. 705	-0. 41969108	6. 75E-08	
siR_149920	0. 01	5. 5195	9. 10839377	6. 11E-47	**
siR_149921	0. 01	4. 2888	8. 74443023	1. 22E-36	**
siR_149938	7. 8699	6. 8248	-0. 20555854	0. 153873177	
siR_149942	12. 6911	8. 9132	-0. 50980174	2. 01E-05	
siR_149945	4. 1476	3. 0581	-0. 43964118	0. 033813657	
siR_149950	7. 1609	4. 5126	-0. 66618202	4. 73E-05	
siR_149957	0. 01	9. 3608	9. 87048802	4. 28E-79	**
siR_149959	3. 0841	1. 6782	-0. 87793488	0. 000723099	
siR_149974	1. 6661	0. 5967	-1. 48139731	0. 000174482	**
siR_149982	1. 3471	0. 7086	-0. 92681358	0. 020219118	
siR_149996	0. 01	6. 1162	9. 25649177	6. 18E-52	**
siR_149999	3. 6513	1. 7528	-1. 05874882	1. 70E-05	**
siR_150000	2. 0915	0. 9323	-1. 16567183	0. 000456163	**
siR_150009	8. 0826	5. 967	-0. 43781367	0. 003106554	
siR_150018	0. 01	2. 536	7. 98641094	5. 76E-22	**
siR_150021	3. 0841	3. 8413	0. 3167451	0. 131406864	
siR_150022	0. 01	10. 7779	10. 07386039	5. 87E-91	**
siR_150024	0. 01	6. 3773	9. 31680194	4. 04E-54	**
siR_150025	0. 01	3. 17	8. 30833903	2. 84E-27	**
siR_150031	0. 01	1. 6036	7. 32517051	3. 67E-14	**
siR_150056	1. 6661	1. 0069	-0. 72655458	0. 035558339	
siR_150072	0. 01	11. 7476	10. 19815033	4. 49E-99	**
siR_150083	0. 01	2. 8343	8. 14684866	1. 83E-24	**

siR_150084	0.01	1.1188	6.80580835	4.20E-10	**
siR_150092	1.4889	0.7459	-0.99719273	0.009388402	
siR_150094	24.6732	14.3208	-0.78483275	2.56E-18	
siR_150213	1.418	1.3799	-0.03929381	0.908620659	
siR_150215	1.7016	2.0139	0.24310011	0.396015103	
siR_150242	0.01	7.7198	9.59241966	2.33E-65	**
siR_150243	0.01	1.1561	6.85312238	2.05E-10	**
siR_150255	0.01	69.8514	12.77007332	0	**
siR_150256	0.01	1.8274	7.51364865	4.92E-16	**
siR_150257	0.01	1.1188	6.80580835	4.20E-10	**
siR_150260	0.01	8.9878	9.81182421	5.67E-76	**
siR_150266	0.01	1.3426	7.06888574	5.63E-12	**
siR_150274	0.01	3.6921	8.52829782	1.21E-31	**
siR_150280	0.0354	3.7294	6.71905037	3.11E-30	**
siR_150297	1.0989	0.7832	-0.48860744	0.233779461	
siR_150304	0.01	1.4918	7.22091032	3.17E-13	**
siR_150305	1.2762	1.4172	0.15118893	0.652003744	
siR_150348	0.01	6.7502	9.39878644	3.05E-57	**
siR_150354	0.01	4.3261	8.7569232	5.97E-37	**
siR_15037	2.1624	1.0815	-0.99959975	0.001645383	
siR_150392	0.01	2.2003	7.78155643	3.72E-19	**
siR_150407	1.3825	0.7459	-0.89022535	0.022894115	
siR_150426	1.0989	0.1119	-3.29577817	8.66E-07	**
siR_150434	1.5243	0.1865	-3.03089933	2.02E-08	**
siR_150442	9.3233	5.1093	-0.86771504	5.18E-09	
siR_150472	0.01	16.7822	10.71271614	3.22E-141	**
siR_150473	0.01	7.4961	9.54999639	1.74E-63	**
siR_150474	0.01	2.0885	7.70632333	3.21E-18	**
siR_150485	0.01	1.0069	6.6537766	3.63E-09	**
siR_150497	0.9571	1.2307	0.36273755	0.333810273	
siR_150513	0.01	4.9601	8.9542254	2.94E-42	**
siR_150521	0.01	1.0442	6.70625425	1.77E-09	**
siR_150529	1.1698	0.7086	-0.72321852	0.080618428	
siR_150541	0.01	4.1769	8.70628879	1.06E-35	**
siR_150544	43.9225	20.9964	-1.06481818	3.28E-51	**
siR_150577	0.01	1.4918	7.22091032	3.17E-13	**
siR_150581	0.01	7.0112	9.45351758	1.99E-59	**
siR_150589	0.01	1.2307	6.94333532	4.86E-11	**
siR_150619	0.01	1.4172	7.14689956	1.34E-12	**
siR_150623	0.01	13.8733	10.43809528	7.21E-117	**
siR_150630	0.01	22.8984	11.16103108	2.04E-192	**
siR_150678	15.2789	10.2931	-0.56986313	2.26E-07	
siR_150682	166.083	78.5409	-1.08038837	6.43E-193	**
siR_150683	2.127	1.0069	-1.07889962	0.000892634	**
siR_150686	20.2419	10.8898	-0.89436726	9.71E-19	
siR_150710	1.0989	0.5221	-1.07366204	0.018227899	*
siR_150725	1.4889	0.7086	-1.07120349	0.005883379	**

siR_150730	0.01	1.3426	7.06888574	5.63E-12	**
siR_150735	0.01	3.7667	8.55715732	2.87E-32	**
siR_150748	0.01	2.7597	8.10836763	7.72E-24	**
siR_150750	0.01	1.9766	7.62687714	2.78E-17	**
siR_150751	9.5006	10.7406	0.17698406	0.148185139	
siR_150753	4426.7422	5766.303	0.38140129	0	
siR_150754	64.5898	93.906	0.53991099	1.60E-34	
siR_150755	1.1698	3.4683	1.5679668	1.13E-08	**
siR_150756	1.6307	2.1258	0.38251448	0.180977786	
siR_150757	0.9571	1.3426	0.48828797	0.183947304	
siR_150758	0.6026	1.1188	0.89267958	0.039367304	
siR_150762	0.01	1.5663	7.29121675	7.54E-14	**
siR_150765	2712.3115	2753.9655	0.02198761	0.003133703	
siR_150766	42.2563	45.7596	0.11490799	0.050140049	
siR_150767	0.7444	1.4918	1.00290417	0.008585838	**
siR_150768	0.8508	1.0069	0.24302847	0.549089802	
siR_150769	1.5243	0.9696	-0.65268527	0.067567399	
siR_150773	158.3549	128.8503	-0.29746561	6.74E-20	
siR_150774	1.4889	1.902	0.35327039	0.240207752	
siR_150775	0.9926	1.6782	0.7576303	0.027754859	
siR_150785	1.5952	1.268	-0.33118257	0.31565066	
siR_150791	3.8286	3.8413	0.0047777	0.979057353	
siR_150795	1.1698	0.4475	-1.38630231	0.002893159	**
siR_150799	1.2053	0.9323	-0.37052611	0.334212439	
siR_15082	0.01	75.5947	12.88406937	0	**
siR_15083	0.01	3.7294	8.54279973	5.90E-32	**
siR_15084	0.01	2.163	7.75688986	7.63E-19	**
siR_150844	48.4601	46.3936	-0.06287158	0.266307661	
siR_15085	0.01	1.1561	6.85312238	2.05E-10	**
siR_15086	0.01	1.0442	6.70625425	1.77E-09	**
siR_150862	0.01	41.3962	12.01528263	0	**
siR_150863	0.01	7.5707	9.56428289	4.13E-64	**
siR_150864	0.01	1.2307	6.94333532	4.86E-11	**
siR_15087	0.01	1.0069	6.6537766	3.63E-09	**
siR_150871	0.01	32.7067	11.67537049	1.61E-274	**
siR_150878	0.01	39.8298	11.95963252	0	**
siR_150879	0.01	1.1188	6.80580835	4.20E-10	**
siR_150882	0.01	5.4449	9.08876174	2.57E-46	**
siR_150883	0.01	1.0069	6.6537766	3.63E-09	**
siR_150890	0.01	6.8994	9.43032709	1.72E-58	**
siR_150891	0.01	2.9835	8.22086197	1.03E-25	**
siR_150892	0.01	1.0069	6.6537766	3.63E-09	**
siR_150917	5.1048	1.1934	-2.09677676	3.71E-17	**
siR_150922	0.01	1.3426	7.06888574	5.63E-12	**
siR_150923	10.635	2.9835	-1.83374235	7.35E-29	**
siR_150934	2.446	1.0069	-1.28050399	4.39E-05	**
siR_150938	2.3397	0.8951	-1.38620278	2.18E-05	**

siR_150940	6.9127	3.4683	-0.99502062	1.73E-08	
siR_150945	2.446	0.7086	-1.78738103	1.79E-07	**
siR_150948	20.4192	9.8083	-1.05785133	1.89E-24	**
siR_15095	0.01	9.137	9.83557675	3.20E-77	**
siR_150958	1.028	0.7459	-0.46278613	0.27375448	
siR_15096	0.01	6.34	9.30833903	8.28E-54	**
siR_150967	0.01	3.6175	8.49884921	5.10E-31	**
siR_15097	0.01	2.5733	8.00747585	2.81E-22	**
siR_150973	0.01	4.9228	8.94333532	6.04E-42	**
siR_15098	0.01	1.4545	7.18437949	6.51E-13	**
siR_150987	0.01	7.7944	9.60629416	5.54E-66	**
siR_151023	4.6794	1.8274	-1.3565311	3.05E-09	**
siR_151037	2.6587	1.4172	-0.90767763	0.001256579	
siR_151038	7.9408	2.3495	-1.75693059	9.06E-21	**
siR_151039	4.9984	1.6036	-1.64015204	1.74E-12	**
siR_151043	3.2614	1.1188	-1.54353923	5.27E-08	**
siR_151063	0.01	1.3053	7.02823761	1.15E-11	**
siR_151088	36.0172	16.5212	-1.12436755	4.87E-46	**
siR_151089	1.3825	0.634	-1.12472473	0.005814363	**
siR_151096	166.4375	58.9616	-1.49713294	535384406154e	**
siR_151097	2.3042	0.7086	-1.70122257	9.93E-07	**
siR_151104	103.0176	32.744	-1.65358836	2.65E-229	**
siR_151105	6.2392	1.7901	-1.80132087	3.66E-17	**
siR_151106	1.2407	1.0069	-0.30123391	0.420129598	
siR_151112	4.4312	1.3053	-1.76331602	2.83E-12	**
siR_151113	2.3397	0.7086	-1.72328019	6.50E-07	**
siR_151114	1.2053	0.5221	-1.20699422	0.006557539	**
siR_151123	1.3116	0.2611	-2.32865344	6.82E-06	**
siR_151151	1.5598	0.7459	-1.06430692	0.005019683	**
siR_151163	9.5715	11.3373	0.24426016	0.042745276	
siR_151164	28.5018	22.4882	-0.34188484	1.01E-05	
siR_151168	10.245	6.3027	-0.70087809	3.53E-07	
siR_151172	2.6587	1.902	-0.48320375	0.064406625	
siR_151187	19.3557	17.4535	-0.14924211	0.100605555	
siR_151234	1.737	0.7086	-1.29355438	0.00053939	**
siR_151235	13.081	11.5238	-0.18285631	0.100278951	
siR_151236	2.9069	1.7901	-0.69944126	0.00700015	
siR_151245	89.1921	81.3752	-0.13232675	0.001704464	
siR_151246	1.418	3.0581	1.10877805	4.10E-05	**
siR_151247	3.1196	2.797	-0.1574808	0.490065387	
siR_15125	1.5952	0.5221	-1.61133925	9.52E-05	**
siR_151258	2.8005	2.0139	-0.47569238	0.06126205	
siR_151276	3.3677	1.0069	-1.74184322	1.64E-09	**
siR_151278	7.409	2.7597	-1.42476739	8.88E-15	**
siR_151279	7.2318	1.529	-2.24176637	1.23E-25	**
siR_15128	7.1254	3.3937	-1.07011197	1.24E-09	**
siR_151289	12.9392	14.3208	0.14636367	0.165055181	

siR_151290	0.6735	1.3053	0.95463157	0.018405953	
siR_151292	13.2937	10.1812	-0.38483509	0.000759646	
siR_151304	2.3042	1.1561	-0.99499975	0.001201305	
siR_151324	0.01	4.4753	8.80584059	3.37E-38	**
siR_151333	0.01	7.1977	9.49139216	5.47E-61	**
siR_151349	1.0989	0.4475	-1.29610052	0.006143403	**
siR_151408	0.01	6.1162	9.25649177	6.18E-52	**
siR_151437	14.3572	8.1301	-0.82042941	4.69E-12	
siR_151450	2.3397	1.3799	-0.76175984	0.009241593	
siR_151451	1.2762	0.2611	-2.28918008	1.13E-05	**
siR_151454	6.2037	3.8786	-0.67759292	0.000121545	
siR_151456	4.1476	1.0815	-1.9392431	5.70E-13	**
siR_151484	0.01	2.2376	7.80580835	1.81E-19	**
siR_151489	24.6023	10.5542	-1.22097597	3.16E-36	**
siR_151491	1.7725	0.3356	-2.40097101	8.87E-08	**
siR_151496	0.01	1.1188	6.80580835	4.20E-10	**
siR_151500	0.01	2.2376	7.80580835	1.81E-19	**
siR_151506	1.0989	0.4102	-1.42166071	0.003288611	**
siR_151508	2.2688	0.5967	-1.92685176	1.25E-07	**
siR_151513	1.2407	0.4102	-1.59675492	0.000655154	**
siR_15153	0.01	2.9835	8.22086197	1.03E-25	**
siR_151589	2.8714	1.7528	-0.71209293	0.006475591	
siR_151606	2.8714	0.4848	-2.56629271	1.17E-12	**
siR_151617	0.01	1.902	7.57137344	1.17E-16	**
siR_151625	4.6439	4.5499	-0.02950207	0.872714349	
siR_151647	4.6794	2.7225	-0.78139151	0.000159092	
siR_151664	1.4534	0.634	-1.19687707	0.002948104	**
siR_151691	0.01	2.2376	7.80580835	1.81E-19	**
siR_151713	6.1328	4.9228	-0.31706678	0.056956052	
siR_151724	4.6794	2.0885	-1.16385641	1.43E-07	**
siR_15173	7.8699	6.6383	-0.24553147	0.090713447	
siR_151730	1.9497	0.4475	-2.12329257	1.88E-07	**
siR_151732	10.1387	5.6687	-0.83878285	3.24E-09	
siR_151734	11.0249	3.0954	-1.83256781	7.76E-30	**
siR_151736	3.9349	0.3356	-3.55151235	1.21E-22	**
siR_151738	5.9556	1.7528	-1.76458547	4.98E-16	**
siR_151740	1.7725	1.1188	-0.66383347	0.045088977	
siR_151741	2.2333	1.268	-0.81662232	0.00694745	
siR_151758	0.01	3.0954	8.27398204	1.20E-26	**
siR_151763	0.01	3.5802	8.48389637	1.05E-30	**
siR_151764	0.01	1.1188	6.80580835	4.20E-10	**
siR_15177	2.0561	0.9323	-1.14104426	0.000635096	**
siR_151771	0.01	1.3053	7.02823761	1.15E-11	**
siR_151787	1.418	0.9323	-0.60499136	0.099700314	
siR_151790	1.028	0.3356	-1.61502564	0.001825058	**
siR_151791	15.1371	6.5637	-1.20550763	1.75E-22	**
siR_151797	2.5169	1.3799	-0.86708418	0.00254044	

siR_151801	19.2139	6.8621	-1.48542833	4.35E-38	**
siR_151823	7.409	6.7875	-0.12639854	0.388709415	
siR_151849	1.4889	0.5594	-1.4122947	0.000627722	**
siR_151860	3.5095	2.0512	-0.77479734	0.00118332	
siR_151862	5.7074	7.3842	0.37160795	0.015000104	
siR_151872	1.0635	1.1934	0.16625765	0.650059651	
siR_151876	1.028	0.6713	-0.61481072	0.156712209	
siR_151883	0.01	4.2142	8.71911497	5.16E-36	**
siR_151885	0.01	2.3495	7.87620996	2.10E-20	**
siR_151899	0.01	1.9393	7.59939219	5.69E-17	**
siR_151906	2.127	0.4848	-2.13335843	4.66E-08	**
siR_151907	0.01	2.8716	8.16571099	8.93E-25	**
siR_15191	0.01	1.4918	7.22091032	3.17E-13	**
siR_151913	0.01	1.0442	6.70625425	1.77E-09	**
siR_151941	1.9497	0.8578	-1.18453893	0.00061254	**
siR_151957	1.028	0.3356	-1.61502564	0.001825058	**
siR_151959	12.372	6.5637	-0.91449753	1.97E-12	
siR_151962	1.6661	2.4614	0.56300413	0.040063427	
siR_151977	1.2053	0.4848	-1.31393068	0.003684871	**
siR_151982	1.7016	0.5221	-1.70449387	2.70E-05	**
siR_151989	3.1196	1.7528	-0.83169967	0.001164992	
siR_151990	2.7296	1.3799	-0.98412583	0.000470325	
siR_151993	0.01	1.1561	6.85312238	2.05E-10	**
siR_151995	1.8079	0.8578	-1.07560166	0.002277255	**
siR_151996	4.6085	2.2749	-1.01849412	2.78E-06	**
siR_151997	1.0635	0.7459	-0.5117659	0.222021171	
siR_152028	20.0647	5.1466	-1.96296802	6.23E-58	**
siR_152045	142.0834	119.3031	-0.25210648	1.48E-13	
siR_152050	127.478	95.5469	-0.41596732	3.17E-29	
siR_152056	0.01	334.1903	15.02838224	0	**
siR_152077	1.4534	1.2307	-0.23995268	0.481707108	
siR_152078	3.9349	2.0512	-0.93985881	5.15E-05	
siR_152079	1.1698	1.9393	0.7292741	0.022009857	
siR_152083	19.2139	16.9314	-0.18244911	0.04675223	
siR_152084	1.1344	0.9323	-0.28306327	0.468279224	
siR_152095	0.01	7.0485	9.46117246	9.70E-60	**
siR_152096	0.01	3.9531	8.62684064	7.90E-34	**
siR_152101	0.01	1.1934	6.89893387	9.98E-11	**
siR_152104	0.01	1.2307	6.94333532	4.86E-11	**
siR_152113	6.5582	3.0954	-1.08317405	3.98E-09	**
siR_152114	2.9423	1.268	-1.21438961	1.67E-05	**
siR_152115	1.0989	0.2984	-1.88074067	0.000335467	**
siR_152130	1.3825	0.2984	-2.21196004	7.41E-06	**
siR_152131	9.6424	3.2073	-1.58803297	8.81E-22	**
siR_152156	0.01	4.1023	8.68028919	4.46E-35	**
siR_152157	0.01	1.4545	7.18437949	6.51E-13	**
siR_152161	0.01	1.3426	7.06888574	5.63E-12	**

siR_152168	0.01	1.3799	7.10841991	2.74E-12	**
siR_152171	0.01	1.3053	7.02823761	1.15E-11	**
siR_152197	1.1344	0.4102	-1.46753004	0.002218064	**
siR_152198	19.1075	6.5264	-1.54977971	3.22E-40	**
siR_152202	7.7635	2.8716	-1.4348524	1.45E-15	**
siR_152213	3.3323	1.3426	-1.31148874	1.13E-06	**
siR_152225	5.3884	4.8855	-0.14135073	0.412805934	
siR_152227	14.8181	9.8083	-0.59528546	1.15E-07	
siR_152229	5.8138	4.1023	-0.50304844	0.004417888	
siR_152236	0.7444	1.268	0.76840478	0.053326518	
siR_152270	3.6868	1.9766	-0.89934821	0.000159602	
siR_152284	0.01	1.2307	6.94333532	4.86E-11	**
siR_152287	0.01	6.7502	9.39878644	3.05E-57	**
siR_152288	0.01	1.6409	7.35834351	1.79E-14	**
siR_152296	0.01	1.1188	6.80580835	4.20E-10	**
siR_152301	1.418	0.4848	-1.54839593	0.00035749	**
siR_152302	0.01	1.0815	6.75688986	8.62E-10	**
siR_152317	6.8418	2.7225	-1.32944388	1.57E-12	**
siR_152320	0.01	10.8525	10.08381171	1.39E-91	**
siR_152330	6.9127	2.4614	-1.48977019	9.74E-15	**
siR_152334	0.01	1.1188	6.80580835	4.20E-10	**
siR_152342	0.01	3.8786	8.59939219	3.33E-33	**
siR_152363	0.01	5.333	9.05880352	2.22E-45	**
siR_152368	0.01	1.7528	7.45351758	2.07E-15	**
siR_152378	0.01	1.268	6.98641094	2.37E-11	**
siR_152397	0.9926	1.4545	0.55123894	0.122431923	
siR_152400	1.9852	1.8647	-0.09034082	0.751260342	
siR_152412	1.6307	1.529	-0.09290299	0.768586776	
siR_152417	0.01	3.9159	8.61320011	1.62E-33	**
siR_152424	1.0635	0.7086	-0.58577666	0.167596979	
siR_152426	0.01	1.3426	7.06888574	5.63E-12	**
siR_152439	0.01	15.738	10.6200365	1.77E-132	**
siR_152444	8.6143	4.8109	-0.84042676	4.68E-08	
siR_152449	1.2762	1.6782	0.39506022	0.220970312	
siR_152455	0.01	11.9713	10.22536411	6.01E-101	**
siR_152492	1.2762	1.268	-0.00929969	0.98185728	
siR_152495	4.5376	3.0208	-0.58699877	0.003856255	
siR_152499	3.3677	1.4545	-1.21124033	4.23E-06	**
siR_1525	3.4741	1.529	-1.18405087	4.45E-06	**
siR_152509	0.01	1.3053	7.02823761	1.15E-11	**
siR_152512	16.7324	3.6175	-2.20957947	2.82E-56	**
siR_152527	33.5357	8.1674	-2.03774893	2.29E-100	**
siR_152528	1.6307	0.5221	-1.64309333	6.28E-05	**
siR_152535	2.5878	0.5221	-2.30932806	2.29E-10	**
siR_152542	2.5524	0.8951	-1.51173367	2.20E-06	**
siR_152548	1.737	0.2238	-2.95631581	3.07E-09	**
siR_152551	2.2688	0.6713	-1.75689989	6.87E-07	**

siR_152557	1. 6307	1. 0815	-0. 59245773	0. 082669964	
siR_152570	0. 01	1. 902	7. 57137344	1. 17E-16	**
siR_152575	0. 01	15. 4024	10. 58893945	1. 14E-129	**
siR_152580	0. 01	2. 6852	8. 06888574	3. 25E-23	**
siR_152594	0. 01	4. 3261	8. 7569232	5. 97E-37	**
siR_152613	1. 5952	0. 8578	-0. 89502409	0. 013930477	
siR_152619	4. 9984	1. 1934	-2. 06638868	1. 52E-16	**
siR_152620	1. 2762	0. 2238	-2. 5115725	3. 57E-06	**
siR_152627	1. 4534	0. 7086	-1. 03638844	0. 008088782	**
siR_152645	1. 737	0. 8578	-1. 01788453	0. 004258923	**
siR_152646	2. 3397	0. 7459	-1. 64926942	1. 41E-06	**
siR_152647	1. 3825	0. 4848	-1. 51181788	0. 000534972	**
siR_15267	3. 0132	2. 3495	-0. 35894267	0. 134844829	
siR_152671	0. 01	1. 7901	7. 48389637	1. 01E-15	**
siR_152672	44. 3479	10. 032	-2. 14425654	6. 30E-141	**
siR_152674	4. 4667	1. 4918	-1. 58215523	8. 32E-11	**
siR_152677	1. 4889	0. 3356	-2. 14943224	4. 80E-06	**
siR_152695	1. 5243	0. 6713	-1. 18311732	0. 002538095	**
siR_152697	2. 3042	2. 4987	0. 11691175	0. 64104093	
siR_152702	0. 01	2. 2003	7. 78155643	3. 72E-19	**
siR_152713	2. 2333	0. 8205	-1. 44460182	1. 89E-05	**
siR_152720	0. 01	1. 4172	7. 14689956	1. 34E-12	**
siR_152722	0. 01	1. 9393	7. 59939219	5. 69E-17	**
siR_152727	2. 1624	0. 9696	-1. 15717181	0. 000393412	**
siR_152732	4. 6439	1. 268	-1. 87278216	9. 03E-14	**
siR_152741	1. 1344	0. 7086	-0. 67888607	0. 103795176	
siR_152758	2. 2688	2. 0512	-0. 14546127	0. 586945246	
siR_152760	4. 2185	2. 3122	-0. 86746391	8. 87E-05	
siR_152771	1. 5243	1. 529	0. 00444154	0. 985896768	
siR_152787	3. 9704	1. 7901	-1. 14924418	1. 63E-06	**
siR_152794	0. 9571	1. 1561	0. 27252462	0. 474167388	
siR_152801	0. 01	1. 4172	7. 14689956	1. 34E-12	**
siR_152817	6. 0974	2. 536	-1. 26563945	1. 35E-10	**
siR_152824	1. 7725	0. 9323	-0. 92691946	0. 00754499	
siR_15283	21. 2345	21. 6304	0. 02665021	0. 750541967	
siR_152831	0. 01	5. 1466	9. 00747585	8. 09E-44	**
siR_152838	4. 7503	3. 804	-0. 32050138	0. 090823882	
siR_152839	1. 1344	0. 5594	-1. 01997728	0. 02136103	*
siR_152870	5. 282	1. 7901	-1. 56104412	2. 59E-12	**
siR_152872	28. 2536	7. 3469	-1. 94322716	8. 17E-80	**
siR_15289	9. 1461	7. 4215	-0. 30144589	0. 026536732	
siR_152897	0. 01	14. 209	10. 47258931	1. 12E-119	**
siR_152898	0. 01	2. 6479	8. 04870483	6. 67E-23	**
siR_152899	0. 01	1. 3053	7. 02823761	1. 15E-11	**
siR_152903	0. 1418	200. 7529	10. 46734758	0	**
siR_152904	0. 01	1. 4545	7. 18437949	6. 51E-13	**
siR_152909	0. 01	25. 2107	11. 29982046	9. 01E-212	**

siR_15291	5.4593	5.4449	-0.00381043	0.983362201	
siR_152914	0.01	1.3426	7.06888574	5.63E-12	**
siR_152919	0.01	2.9835	8.22086197	1.03E-25	**
siR_152935	1.7016	0.5221	-1.70449387	2.70E-05	**
siR_152948	0.01	1.3799	7.10841991	2.74E-12	**
siR_152956	1.5598	0.3356	-2.21654644	1.81E-06	**
siR_152965	1.5243	0.634	-1.26559212	0.001459604	**
siR_15297	4.8921	1.8647	-1.39151035	6.33E-10	**
siR_152981	1.2053	0.2611	-2.20671792	3.06E-05	**
siR_152982	20.4901	6.0789	-1.75304483	5.97E-51	**
siR_152984	14.1091	2.9462	-2.25969869	5.28E-49	**
siR_152993	0.01	4.5499	8.82969103	8.00E-39	**
siR_15300	1.7016	0.634	-1.42433719	0.000229134	**
siR_153031	1.0989	0.3356	-1.71124549	0.000775199	**
siR_153066	7.7635	5.9297	-0.38874809	0.009455557	
siR_153089	0.01	1.1561	6.85312238	2.05E-10	**
siR_153127	3.7222	1.4172	-1.39311221	7.01E-08	**
siR_153146	2.9778	2.6479	-0.16939822	0.46909136	
siR_153181	8.4016	13.6868	0.70404918	3.09E-09	
siR_153184	89.6529	45.2002	-0.98802109	5.48E-91	
siR_15319	1.6661	0.8578	-0.95776177	0.007792404	
siR_153190	3.7931	3.7294	-0.02443386	0.905116698	
siR_153214	3.0841	1.6409	-0.91036222	0.000490905	
siR_153218	6.8773	4.2142	-0.7065835	2.68E-05	
siR_153222	2.5169	1.1188	-1.16969574	0.000112756	**
siR_153226	0.6381	1.8274	1.51793802	5.55E-05	**
siR_153227	1.028	1.4545	0.50068303	0.156910133	
siR_153274	1.3116	0.7459	-0.81427367	0.04007629	
siR_1533	0.01	2.0139	7.65384824	1.35E-17	**
siR_153331	2.0915	2.3495	0.16781577	0.520751553	
siR_153337	4.9984	1.5663	-1.67410579	8.21E-13	**
siR_153375	3.7222	3.5802	-0.05611539	0.785310127	
siR_153378	0.01	5.706	9.15633594	1.68E-48	**
siR_153379	1.5952	0.9323	-0.77487114	0.029704074	
siR_153384	13.2937	11.2255	-0.243963	0.028708316	
siR_153387	3.7222	4.2142	0.17910321	0.359648317	
siR_153402	3.7577	1.8647	-1.01090635	2.64E-05	**
siR_153403	0.01	2.7225	8.08878824	1.58E-23	**
siR_153407	1.4889	1.1188	-0.4122947	0.234339555	
siR_153414	0.01	2.2749	7.82965932	8.83E-20	**
siR_153417	0.01	6.974	9.44584255	4.08E-59	**
siR_153421	0.01	4.1396	8.69334756	2.17E-35	**
siR_153432	0.01	1.3426	7.06888574	5.63E-12	**
siR_153434	0.01	15.9245	10.63703236	4.87E-134	**
siR_153444	12.5138	7.235	-0.79045503	4.08E-10	
siR_153445	7.799	3.3937	-1.20043011	3.14E-12	**
siR_153448	1.028	0.2611	-1.9771659	0.000342937	**

siR_153455	2. 2333	1. 0069	-1. 14925665	0. 000339181	**
siR_153473	16. 7678	6. 3027	-1. 41165151	4. 08E-31	**
siR_15348	0. 01	2. 4614	7. 94333532	2. 43E-21	**
siR_153486	2. 3751	0. 8951	-1. 40786748	1. 50E-05	**
siR_153516	1. 1698	0. 7459	-0. 64920776	0. 112106036	
siR_153523	0. 01	1. 7528	7. 45351758	2. 07E-15	**
siR_153525	2. 0561	1. 0815	-0. 92687677	0. 003959628	
siR_153534	1. 0635	1. 1188	0. 07313213	0. 842404071	
siR_153542	0. 01	1. 7528	7. 45351758	2. 07E-15	**
siR_153544	5. 5656	2. 3122	-1. 26727103	8. 29E-10	**
siR_153566	46. 3331	47. 214	0. 0271715	0. 632532832	
siR_153579	10. 5995	5. 8178	-0. 86545061	5. 12E-10	
siR_153611	1. 028	0. 1119	-3. 19955832	2. 76E-06	**
siR_153612	4. 1476	1. 7901	-1. 21223658	3. 17E-07	**
siR_153614	2. 9423	0. 634	-2. 21438961	4. 21E-11	**
siR_153631	1. 3116	0. 4102	-1. 67692841	0. 000282277	**
siR_153644	0. 01	2. 0885	7. 70632333	3. 21E-18	**
siR_153647	29. 9907	32. 1846	0. 10185534	0. 144395475	
siR_153663	1. 3116	0. 8951	-0. 55120703	0. 145600742	
siR_15370	1. 3471	0. 634	-1. 08730221	0. 008088456	**
siR_153700	1. 3825	0. 8951	-0. 62715871	0. 093219647	
siR_153704	0. 8153	1. 0815	0. 40763075	0. 312975092	
siR_153736	2. 2333	0. 8951	-1. 31905629	6. 54E-05	**
siR_153742	3. 6513	2. 2749	-0. 68260708	0. 003057494	
siR_15375	1. 1344	0. 2984	-1. 92661	0. 000211792	**
siR_153751	1. 3471	2. 3495	0. 80249682	0. 006116666	
siR_153754	1. 1344	2. 4987	1. 13924826	0. 000153075	**
siR_153764	0. 01	3. 0581	8. 25649177	2. 46E-26	**
siR_153769	1. 4889	0. 7459	-0. 99719273	0. 009388402	
siR_15378	4. 6085	2. 4614	-0. 90481812	2. 17E-05	
siR_153780	4. 7503	3. 6921	-0. 363577	0. 056894591	
siR_153781	1. 9143	0. 9696	-0. 98135534	0. 003570807	
siR_15379	2. 4815	0. 7086	-1. 80816908	1. 16E-07	**
siR_15380	2. 0915	0. 6713	-1. 63950845	5. 70E-06	**
siR_153819	1. 028	0. 3356	-1. 61502564	0. 001825058	**
siR_153827	0. 8508	1. 0442	0. 29550613	0. 462829197	
siR_153830	0. 01	1. 1934	6. 89893387	9. 98E-11	**
siR_153833	1. 737	1. 0442	-0. 73419969	0. 030251896	
siR_153848	0. 01	3. 17	8. 30833903	2. 84E-27	**
siR_15385	8. 4371	3. 9159	-1. 10740328	1. 05E-11	**
siR_153863	2. 8714	1. 8274	-0. 65196186	0. 011764557	
siR_153868	1. 1344	0. 5221	-1. 11953137	0. 013060942	*
siR_153876	41. 6182	24. 614	-0. 75773544	3. 78E-28	
siR_153877	6. 2392	1. 8647	-1. 74241751	1. 85E-16	**
siR_153879	1. 2762	0. 3356	-1. 92703982	8. 25E-05	**
siR_153880	69. 7655	34. 7579	-1. 00517286	3. 24E-73	**
siR_153884	28. 7499	9. 771	-1. 55697881	4. 75E-60	**

siR_153886	4. 5021	0. 7832	-2. 52314543	9. 37E-19	**
siR_153915	0. 01	2. 3868	7. 89893387	1. 02E-20	**
siR_153917	26. 7293	9. 5845	-1. 47964698	4. 92E-52	**
siR_153931	0. 01	1. 4545	7. 18437949	6. 51E-13	**
siR_153948	3. 4741	1. 4545	-1. 25611599	1. 52E-06	**
siR_153952	1. 5598	0. 5594	-1. 4794089	0. 000288819	**
siR_153971	0. 01	2. 4614	7. 94333532	2. 43E-21	**
siR_153975	7. 0191	4. 9601	-0. 50091685	0. 001824649	
siR_153995	6. 381	3. 2073	-0. 99242323	6. 55E-08	
siR_153999	6. 2037	4. 8482	-0. 35567971	0. 032880296	
siR_154000	2. 1979	0. 5967	-1. 88104807	3. 08E-07	**
siR_154002	1. 1698	0. 9323	-0. 32739572	0. 39733091	
siR_154013	0. 01	1. 6782	7. 39077085	8. 72E-15	**
siR_154014	0. 01	1. 7528	7. 45351758	2. 07E-15	**
siR_154041	0. 01	4. 438	8. 79376586	6. 91E-38	**
siR_154045	24. 8859	16. 4466	-0. 5975392	5. 32E-12	
siR_154050	2. 3751	1. 4545	-0. 70746496	0. 01391938	
siR_154073	0. 01	15. 0667	10. 55714775	7. 38E-127	**
siR_15408	2. 9423	1. 1561	-1. 34767816	3. 05E-06	**
siR_154082	1. 3116	0. 5594	-1. 22937565	0. 003968625	**
siR_154086	0. 01	15. 2532	10. 57489623	2. 03E-128	**
siR_154099	4. 573	2. 536	-0. 85058617	5. 95E-05	
siR_154102	0. 01	16. 5585	10. 69335627	2. 40E-139	**
siR_154103	5. 3884	0. 6713	-3. 0048274	2. 13E-26	**
siR_154104	3. 3677	3. 2446	-0. 053723	0. 804242494	
siR_154105	0. 01	15. 6634	10. 61318169	7. 47E-132	**
siR_154109	0. 01	2. 3495	7. 87620996	2. 10E-20	**
siR_154119	0. 01	1. 4172	7. 14689956	1. 34E-12	**
siR_154123	0. 01	14. 5073	10. 50256332	3. 55E-122	**
siR_154130	0. 01	1. 0069	6. 6537766	3. 63E-09	**
siR_154150	1. 5598	0. 8951	-0. 80124028	0. 026942588	
siR_154156	1. 5598	1. 1188	-0. 4794089	0. 1615353	
siR_15416	1. 7725	0. 8578	-1. 04707241	0. 003122567	**
siR_154163	0. 01	6. 4145	9. 325193	1. 97E-54	**
siR_154167	2. 0561	0. 4848	-2. 08444883	1. 21E-07	**
siR_154171	1. 8079	0. 6713	-1. 42928533	0. 000138786	**
siR_154182	0. 01	4. 3634	8. 76930892	2. 91E-37	**
siR_154185	2. 2333	0. 5594	-1. 9972249	7. 89E-08	**
siR_154203	1. 1344	0. 4102	-1. 46753004	0. 002218064	**
siR_154210	2. 5524	1. 6782	-0. 60493978	0. 026406817	
siR_154217	0. 01	1. 0815	6. 75688986	8. 62E-10	**
siR_154225	11. 0958	5. 1093	-1. 11881614	3. 65E-15	**
siR_154252	0. 01	32. 2219	11. 65382585	1. 84E-270	**
siR_154254	100. 0398	87. 0066	-0. 20137733	5. 84E-07	
siR_154263	23. 716	6. 8621	-1. 78913865	2. 46E-60	**
siR_154272	3. 0132	0. 5594	-2. 42934428	1. 67E-12	**
siR_154273	0. 01	1. 0442	6. 70625425	1. 77E-09	**

siR_154287	2.4106	1.268	-0.92683753	0.001786315	
siR_154296	0.01	1.3799	7.10841991	2.74E-12	**
siR_154301	1.1344	0.4475	-1.34196985	0.004230483	**
siR_154303	8.9688	5.6687	-0.66189705	5.91E-06	
siR_154305	34.0674	19.8403	-0.77995801	1.90E-24	
siR_154321	1.2762	0.634	-1.00929969	0.015340798	*
siR_154328	4.0058	3.3192	-0.27125483	0.1853045	
siR_154331	1.3825	0.4848	-1.51181788	0.000534972	**
siR_154338	75.1894	49.1533	-0.61324101	1.24E-34	
siR_154368	1.7016	0.3356	-2.34207732	2.45E-07	**
siR_15437	1.028	0.2611	-1.9771659	0.000342937	**
siR_154372	20.9509	6.3027	-1.73297032	2.95E-51	**
siR_154389	37.7897	14.5819	-1.37381435	2.44E-65	**
siR_154429	12.0884	5.5941	-1.11164536	3.11E-16	**
siR_154451	3.0487	2.1258	-0.52018832	0.034010884	
siR_154461	1.1344	0.4848	-1.22646783	0.007625228	**
siR_15448	1.1698	0.3356	-1.80144727	0.000321486	**
siR_15449	1.2053	0.9696	-0.31393068	0.408887515	
siR_154514	0.01	3.5802	8.48389637	1.05E-30	**
siR_154516	0.01	4.8482	8.9213054	2.54E-41	**
siR_154537	2.836	2.3868	-0.24877985	0.305890496	
siR_154556	1.737	2.4614	0.50288137	0.063834001	
siR_154557	3.1196	2.4614	-0.34188193	0.146059163	
siR_154587	7.4445	2.163	-1.78314129	6.15E-20	**
siR_154592	2.1624	0.7086	-1.60959005	5.25E-06	**
siR_15460	1.9497	1.6782	-0.21633749	0.459383335	
siR_154616	1.2762	0.1492	-3.096535	2.35E-07	**
siR_154642	1.6661	0.1492	-3.48115555	3.94E-10	**
siR_154656	3.2968	0.9696	-1.76560476	1.73E-09	**
siR_154677	2.0561	1.1561	-0.83064424	0.00863454	
siR_154678	2.0915	0.4102	-2.3501386	9.01E-09	**
siR_154702	0.01	1.9393	7.59939219	5.69E-17	**
siR_154704	1.6661	1.2307	-0.43699587	0.183647223	
siR_154708	9.2524	7.6079	-0.28232935	0.03603212	
siR_154753	2.3042	0.8205	-1.48969071	8.75E-06	**
siR_154756	2.2333	4.4753	1.00280733	4.72E-06	**
siR_154804	2.5878	0.8951	-1.53160535	1.49E-06	**
siR_154807	4.2185	1.9393	-1.1211941	1.26E-06	**
siR_154808	1.2407	0.7832	-0.66370165	0.09494326	
siR_154830	0.5672	12.0459	4.40854084	3.63E-79	**
siR_154834	0.3545	1.3799	1.96070619	2.94E-05	**
siR_154849	0.01	3.1327	8.29126281	5.83E-27	**
siR_154852	0.01	1.7155	7.42248532	4.25E-15	**
siR_154865	0.01	6.0789	9.24766648	1.27E-51	**
siR_154867	0.01	3.4683	8.43808488	9.04E-30	**
siR_154868	0.01	1.529	7.2564446	1.55E-13	**
siR_154875	0.01	1.1934	6.89893387	9.98E-11	**

siR_154886	0.01	2.7225	8.08878824	1.58E-23	**
siR_154892	1.1698	1.0442	-0.16386383	0.664155115	
siR_154893	1.4534	0.5594	-1.37747965	0.000918153	**
siR_154902	0.01	3.431	8.42248532	1.85E-29	**
siR_154916	1.6661	1.8647	0.16246855	0.57929242	
siR_154918	4.1122	3.9159	-0.07056651	0.718774464	
siR_154920	0.01	1.8274	7.51364865	4.92E-16	**
siR_154945	268.498	57.6563	-2.21936118	0	**
siR_15496	0.01	3.17	8.30833903	2.84E-27	**
siR_154991	0.01	1.902	7.57137344	1.17E-16	**
siR_155008	1.0989	1.3799	0.32850361	0.350747427	
siR_155011	1.418	0.5221	-1.44145947	0.000708453	**
siR_155015	0.01	1.7155	7.42248532	4.25E-15	**
siR_155017	133.8236	52.3979	-1.35275166	2.39E-221	**
siR_155021	8.6498	2.4241	-1.83521756	8.76E-24	**
siR_155026	2.2333	0.8951	-1.31905629	6.54E-05	**
siR_155048	1.1698	0.2984	-1.97094245	0.000133017	**
siR_155052	0.5317	1.4918	1.48836976	0.000340036	**
siR_155077	1.0989	1.1934	0.11901758	0.742571995	
siR_155078	1.3825	1.3426	-0.04224993	0.902829273	
siR_155089	3.1905	4.065	0.34947282	0.088617697	
siR_155093	2.4106	2.7597	0.19511916	0.420702384	
siR_155098	1.2053	0.7832	-0.62193961	0.120458422	
siR_155125	1.7725	0.5967	-1.57070795	5.27E-05	**
siR_155133	3.6159	0.5967	-2.5992771	8.42E-16	**
siR_155154	1.418	2.0885	0.55860961	0.060559179	
siR_155156	8.827	3.431	-1.36329407	2.63E-16	**
siR_155176	12.7974	2.4241	-2.40032961	7.81E-48	**
siR_155180	50.4098	15.8126	-1.67262963	4.99E-115	**
siR_155187	71.4317	20.2133	-1.82125958	1.99E-182	**
siR_155192	1.0989	0.5967	-0.88098242	0.045030158	
siR_155237	0.01	1.3426	7.06888574	5.63E-12	**
siR_155247	0.01	1.1188	6.80580835	4.20E-10	**
siR_155251	0.01	1.0815	6.75688986	8.62E-10	**
siR_155252	0.01	1.4918	7.22091032	3.17E-13	**
siR_155276	1.0635	0.3729	-1.51195933	0.00248896	**
siR_155277	27.97	8.0182	-1.80252995	1.47E-71	**
siR_155292	3.0132	0.7459	-2.0142423	3.24E-10	**
siR_155294	6.8773	1.6036	-2.10052796	1.16E-22	**
siR_155300	1.0989	0.9323	-0.23719393	0.547017649	
siR_155310	15.4916	10.7033	-0.53343048	9.09E-07	
siR_155325	2.2333	0.5594	-1.9972249	7.89E-08	**
siR_155339	3.2614	1.6036	-1.02417707	7.68E-05	**
siR_155342	2.5169	2.0885	-0.26918075	0.298578358	
siR_155344	1.028	0.1492	-2.78452082	1.19E-05	**
siR_155345	38.7468	23.1595	-0.74247306	1.84E-25	
siR_155354	1.0635	0.4848	-1.13335843	0.015328041	*

siR_15536	0.01	2.6852	8.06888574	3.25E-23	**
siR_155361	1.2053	0.9696	-0.31393068	0.408887515	
siR_155362	3.5804	1.0069	-1.83020036	1.23E-10	**
siR_155368	6.7	1.6409	-2.02967377	3.16E-21	**
siR_155370	1.3116	0.6713	-0.96629826	0.017699245	
siR_155373	2.5524	2.0139	-0.34186239	0.189126184	
siR_155388	7.0545	4.7736	-0.56346615	0.000506286	
siR_155392	1.2762	0.6713	-0.92682489	0.023898405	
siR_155393	2.0561	0.7086	-1.53686706	1.76E-05	**
siR_155394	2.4106	1.7528	-0.45973089	0.092767644	
siR_155414	1.418	1.0069	-0.49393712	0.170608303	
siR_155419	4.7148	2.3495	-1.00484281	2.76E-06	**
siR_155445	1.2762	0.1119	-3.5115725	4.57E-08	**
siR_155460	1.4534	0.8578	-0.76071859	0.041292394	
siR_155465	7.409	5.8551	-0.33958502	0.025530149	
siR_155507	2.6587	2.8343	0.09227147	0.693473673	
siR_155509	0.01	1.1188	6.80580835	4.20E-10	**
siR_15551	0.01	1.0815	6.75688986	8.62E-10	**
siR_155520	3.1905	0.9696	-1.71832093	6.19E-09	**
siR_155531	2.446	1.7528	-0.48076301	0.077630549	
siR_155547	1.8079	0.5967	-1.5992372	3.50E-05	**
siR_15555	0.01	16.7077	10.70629743	1.36E-140	**
siR_155552	0.01	1.2307	6.94333532	4.86E-11	**
siR_155553	0.01	1.268	6.98641094	2.37E-11	**
siR_155565	0.01	1.3799	7.10841991	2.74E-12	**
siR_155594	1.6661	0.9696	-0.78101339	0.025220231	
siR_15562	0.01	1.3799	7.10841991	2.74E-12	**
siR_155623	0.01	2.5733	8.00747585	2.81E-22	**
siR_155625	0.01	7.0112	9.45351758	1.99E-59	**
siR_155636	0.01	3.2073	8.32521549	1.38E-27	**
siR_155652	0.01	1.6409	7.35834351	1.79E-14	**
siR_155658	0.01	6.0789	9.24766648	1.27E-51	**
siR_155664	0.01	2.163	7.75688986	7.63E-19	**
siR_155675	5.5656	2.2749	-1.2907341	4.74E-10	**
siR_155693	3.4032	2.536	-0.42433719	0.063066798	
siR_155695	2.127	3.804	0.83869721	0.00028436	
siR_155719	0.01	2.0512	7.68032436	6.59E-18	**
siR_15574	0.01	2.0512	7.68032436	6.59E-18	**
siR_155782	1.5952	0.5967	-1.41865963	0.000378908	**
siR_155811	2.3751	1.0442	-1.18559019	0.000150776	**
siR_155855	8.0826	1.902	-2.08730221	3.58E-26	**
siR_155867	1.7725	0.5221	-1.76338756	1.14E-05	**
siR_155870	1.2407	0.8951	-0.47103354	0.220381215	
siR_155902	15.9879	4.1023	-1.96247555	1.74E-46	**
siR_15592	1.5243	0.3729	-2.03128617	7.99E-06	**
siR_15593	1.2762	1.5663	0.29550613	0.367785826	
siR_155932	2.0561	1.529	-0.42732203	0.147270898	

siR_155941	0.01	3.1327	8.29126281	5.83E-27	**
siR_155944	0.01	8.503	9.73182813	6.48E-72	**
siR_155950	0.01	3.6175	8.49884921	5.10E-31	**
siR_155954	0.01	3.8413	8.58545083	6.83E-33	**
siR_155961	0.01	1.0069	6.6537766	3.63E-09	**
siR_155981	0.01	3.431	8.42248532	1.85E-29	**
siR_156000	27.4737	22.078	-0.31544173	5.85E-05	
siR_156019	1.737	0.2984	-2.54127831	4.51E-08	**
siR_156020	1.5243	0.2984	-2.35282743	1.00E-06	**
siR_156056	1.2053	0.1119	-3.42911034	1.49E-07	**
siR_156063	0.01	1.2307	6.94333532	4.86E-11	**
siR_156065	13.5064	8.2792	-0.70607991	3.92E-09	
siR_156067	2.4815	1.1934	-1.05613477	0.000413872	**
siR_156070	2.1624	5.8924	1.44622195	2.19E-12	**
siR_156071	0.6381	1.3053	1.03252698	0.011897015	*
siR_156094	1.0635	0.4102	-1.37442064	0.004842593	**
siR_156095	2.1979	0.5967	-1.88104807	3.08E-07	**
siR_156115	7.4799	2.9089	-1.36254528	4.98E-14	**
siR_156141	17.8313	14.3954	-0.30880401	0.001514298	
siR_156145	1.3471	1.529	0.18273146	0.573740676	
siR_156185	0.01	18.3113	10.8385185	5.11E-154	**
siR_156192	0.01	7.3842	9.52829782	1.50E-62	**
siR_156203	2.4106	0.634	-1.92683753	4.98E-08	**
siR_156207	1.8788	1.8274	-0.04001904	0.891828996	
siR_156218	0.01	1.4918	7.22091032	3.17E-13	**
siR_156259	0.01	1.1561	6.85312238	2.05E-10	**
siR_156266	30.6642	12.0832	-1.34355274	1.26E-51	**
siR_156267	8.827	6.1908	-0.51179735	0.000361314	
siR_156276	1.0635	0.3356	-1.66400541	0.001193189	**
siR_156307	45.0569	50.3094	0.15907993	0.004777623	
siR_156314	241.8396	185.164	-0.38524686	5.69E-47	
siR_156315	2.6587	1.9766	-0.42770005	0.09837876	
siR_156323	58.7406	49.3398	-0.25160613	2.13E-06	
siR_156328	0.01	1.9393	7.59939219	5.69E-17	**
siR_156332	0.01	1.4545	7.18437949	6.51E-13	**
siR_156354	1.5952	0.3729	-2.09687661	3.09E-06	**
siR_156383	1.8788	2.4241	0.36763772	0.168463667	
siR_156408	0.01	4.0277	8.65381242	1.88E-34	**
siR_156411	2.5169	1.6782	-0.58473324	0.032478093	
siR_156418	1.6307	0.9323	-0.80662522	0.022857287	
siR_156432	0.01	1.4918	7.22091032	3.17E-13	**
siR_156447	1.418	0.9696	-0.54839593	0.131795682	
siR_156454	1.7016	1.1934	-0.51181426	0.120249063	
siR_156463	1.9852	1.2307	-0.68980523	0.028100039	
siR_156473	0.01	16.5958	10.69660246	1.17E-139	**
siR_156474	0.01	1.8274	7.51364865	4.92E-16	**
siR_15648	2.9778	1.8647	-0.67530332	0.008124333	

siR_156484	0.01	26.3668	11.36450677	1.89E-221	**
siR_156485	0.01	4.4007	8.78158921	1.42E-37	**
siR_156486	0.01	1.3426	7.06888574	5.63E-12	**
siR_156488	0.01	5.6687	9.14687411	3.45E-48	**
siR_156498	0.01	21.5186	11.0713685	7.26E-181	**
siR_156499	0.01	2.4987	7.96503389	1.18E-21	**
siR_156524	0.01	27.1499	11.40673117	5.27E-228	**
siR_156526	0.01	4.2515	8.73182813	2.51E-36	**
siR_156534	0.01	9.0251	9.81779911	2.76E-76	**
siR_156541	0.01	53.2556	12.37871752	0	**
siR_156542	0.01	1.7528	7.45351758	2.07E-15	**
siR_156543	0.01	1.1934	6.89893387	9.98E-11	**
siR_156547	0.01	3.1327	8.29126281	5.83E-27	**
siR_156558	0.01	2.9462	8.20271156	2.12E-25	**
siR_156568	7.4445	3.804	-0.96865771	1.05E-08	
siR_156581	3.545	1.0815	-1.71275196	9.61E-10	**
siR_156598	5.7074	8.3538	0.54959893	0.000206789	
siR_156611	1.7725	1.3426	-0.40075608	0.205441717	
siR_156619	1.1344	0.4102	-1.46753004	0.002218064	**
siR_156622	7.409	2.797	-1.40539858	1.66E-14	**
siR_156629	5.8847	2.0512	-1.5205007	4.21E-13	**
siR_156630	1.9497	1.1188	-0.80129999	0.013184917	
siR_156631	1.737	0.9323	-0.89773158	0.01004128	
siR_156638	15.3144	6.4891	-1.23879854	1.18E-23	**
siR_156642	187.4594	133.8104	-0.48638792	1.13E-55	
siR_156643	4.6439	3.804	-0.28781966	0.131063892	
siR_156657	1.9143	2.2003	0.2008833	0.45973483	
siR_156662	8.0117	6.34	-0.33762556	0.020877329	
siR_156666	3.6513	2.7597	-0.40389877	0.065824319	
siR_156674	0.01	1.0442	6.70625425	1.77E-09	**
siR_156679	1.028	0.7086	-0.53679689	0.21005998	
siR_156692	1.737	0.4475	-1.95663817	3.17E-06	**
siR_156701	2.1979	2.7225	0.3088063	0.215249316	
siR_156706	1.2053	1.7901	0.5706479	0.076727408	
siR_156711	5.2111	3.9531	-0.39860349	0.02971038	
siR_156721	4.2894	2.163	-0.98774219	1.05E-05	
siR_156737	0.01	10.5915	10.04869121	2.14E-89	**
siR_156743	0.01	11.673	10.18895967	1.89E-98	**
siR_156744	0.01	1.8274	7.51364865	4.92E-16	**
siR_156750	0.01	1.0442	6.70625425	1.77E-09	**
siR_156771	0.01	10.3304	10.0126804	3.27E-87	**
siR_156789	2.9778	3.2819	0.14028442	0.523526686	
siR_156794	0.01	4.2142	8.71911497	5.16E-36	**
siR_156796	0.01	10.3304	10.0126804	3.27E-87	**
siR_156799	2.2333	1.1188	-0.9972249	0.001405726	
siR_1568	1.4889	0.1492	-3.31892742	7.40E-09	**
siR_156808	13.3292	10.1439	-0.39397777	0.000568633	

siR_156809	1.9852	0.6713	-1.56425481	1.94E-05	**
siR_156815	0.01	3.1327	8.29126281	5.83E-27	**
siR_156824	1.7016	0.4848	-1.81143033	1.20E-05	**
siR_156825	1.028	0.1865	-2.46259273	4.21E-05	**
siR_156834	3.1905	1.4918	-1.0967284	3.55E-05	**
siR_156835	1.4534	0.2238	-2.69914987	2.49E-07	**
siR_156837	0.01	2.4241	7.9213054	4.98E-21	**
siR_156844	0.01	1.6036	7.32517051	3.67E-14	**
siR_156847	1.028	0.5967	-0.78476258	0.079326488	
siR_156848	2.4815	0.9323	-1.41234628	9.16E-06	**
siR_156859	89.3693	34.8698	-1.35780123	2.54E-149	**
siR_156862	1.3116	0.4848	-1.4358662	0.001178471	**
siR_156874	3.864	1.0069	-1.94017468	3.49E-12	**
siR_156883	0.01	1.268	6.98641094	2.37E-11	**
siR_156900	2.3397	2.0512	-0.18985539	0.474284281	
siR_156904	0.01	5.1838	9.01786625	3.94E-44	**
siR_156913	0.01	6.4891	9.34187459	4.67E-55	**
siR_156922	1.2762	0.7832	-0.70440177	0.074231739	
siR_156923	1.8788	0.3356	-2.48499688	1.89E-08	**
siR_156929	2.2333	2.0139	-0.14918501	0.580588091	
siR_156943	0.01	4.4007	8.78158921	1.42E-37	**
siR_156950	4.0413	1.4918	-1.43776532	8.70E-09	**
siR_15698	1.028	0.634	-0.69728552	0.113380175	
siR_156990	1.0635	0.7086	-0.58577666	0.167596979	
siR_157016	0.01	2.8716	8.16571099	8.93E-25	**
siR_157023	0.01	1.3799	7.10841991	2.74E-12	**
siR_157046	1.5952	1.268	-0.33118257	0.31565066	
siR_157054	0.01	1.5663	7.29121675	7.54E-14	**
siR_157058	0.01	1.268	6.98641094	2.37E-11	**
siR_157107	0.01	4.7736	8.89893387	1.07E-40	**
siR_157113	0.01	16.2228	10.66380713	1.55E-136	**
siR_157119	0.01	22.5255	11.13734341	2.70E-189	**
siR_157124	0.01	27.5975	11.43032187	9.45E-232	**
siR_157125	0.01	1.268	6.98641094	2.37E-11	**
siR_157136	3.3677	2.8343	-0.24877116	0.26401606	
siR_157152	1.7016	1.268	-0.42433719	0.190952453	
siR_157153	3.9704	1.6782	-1.2423697	3.42E-07	**
siR_157161	0.01	1.268	6.98641094	2.37E-11	**
siR_157183	0.01	2.0512	7.68032436	6.59E-18	**
siR_157205	23.7869	20.5489	-0.2111061	0.010833665	
siR_157213	0.01	16.7449	10.70950605	6.60E-141	**
siR_157223	1.2407	0.5594	-1.14920216	0.007946935	**
siR_157242	75.9338	55.5679	-0.45049049	1.13E-20	
siR_157243	1.3825	0.634	-1.12472473	0.005814363	**
siR_157247	2.3397	1.1934	-0.97124588	0.001378704	
siR_157266	0.01	1.3799	7.10841991	2.74E-12	**
siR_157272	0.01	29.4622	11.52464945	2.32E-247	**

siR_157273	0.01	1.4172	7.14689956	1.34E-12	**
siR_157278	0.01	12.3443	10.26962931	4.54E-104	**
siR_157285	0.01	1.6782	7.39077085	8.72E-15	**
siR_157289	0.01	5.6314	9.13734982	7.07E-48	**
siR_157290	0.01	4.4007	8.78158921	1.42E-37	**
siR_157310	1.2762	0.0746	-4.096535	6.83E-09	**
siR_157316	0.01	1.4918	7.22091032	3.17E-13	**
siR_15733	42.469	10.1439	-2.06579771	7.67E-129	**
siR_157332	0.01	9.0997	9.82967517	6.56E-77	**
siR_157347	0.01	7.5707	9.56428289	4.13E-64	**
siR_157354	0.01	1.7901	7.48389637	1.01E-15	**
siR_15737	1.2407	0.5221	-1.24875625	0.004597643	**
siR_157398	1.5598	1.1934	-0.38628337	0.251737362	
siR_15740	0.01	4.699	8.87620996	4.51E-40	**
siR_157408	1.2762	0.4475	-1.51189485	0.000890445	**
siR_157425	0.01	1.6409	7.35834351	1.79E-14	**
siR_157429	0.01	1.9393	7.59939219	5.69E-17	**
siR_157451	0.01	1.6782	7.39077085	8.72E-15	**
siR_157459	5.2466	1.9393	-1.43584681	5.50E-11	**
siR_157464	0.01	1.9766	7.62687714	2.78E-17	**
siR_157466	1.8079	1.0442	-0.79191682	0.018215001	
siR_157467	1.2407	1.0069	-0.30123391	0.420129598	
siR_157468	1.2053	0.4475	-1.42943269	0.001965568	**
siR_157470	1.9497	0.4102	-2.24885276	6.65E-08	**
siR_157487	1.1698	0.8578	-0.44754867	0.256675186	
siR_157525	4.8566	4.0277	-0.26999044	0.146219101	
siR_157539	1.2053	0.7459	-0.69233815	0.087734995	
siR_157560	0.01	2.4614	7.94333532	2.43E-21	**
siR_157561	0.01	1.6782	7.39077085	8.72E-15	**
siR_157562	0.01	1.0442	6.70625425	1.77E-09	**
siR_157565	0.01	1.529	7.2564446	1.55E-13	**
siR_157577	0.01	2.163	7.75688986	7.63E-19	**
siR_157585	8.5789	7.6825	-0.15921681	0.245065239	
siR_157591	1.2762	0.2238	-2.5115725	3.57E-06	**
siR_157601	1.2053	0.3729	-1.69253158	0.000467353	**
siR_157607	0.01	7.869	9.6200365	1.31E-66	**
siR_157617	70.9354	14.209	-2.31970075	5.38E-247	**
siR_157620	44.5251	16.0737	-1.46991679	1.11E-84	**
siR_15764	0.01	1.0069	6.6537766	3.63E-09	**
siR_157665	97.0265	60.2296	-0.68790615	8.87E-54	
siR_157666	2.8714	2.2376	-0.35980216	0.143610387	
siR_157676	0.01	1.3053	7.02823761	1.15E-11	**
siR_157687	0.01	1.9393	7.59939219	5.69E-17	**
siR_157689	0.01	1.1934	6.89893387	9.98E-11	**
siR_157697	7.2672	2.3868	-1.60632193	4.89E-17	**
siR_157704	1.2053	0.5594	-1.10744012	0.01113063	*
siR_157705	12.3366	4.065	-1.60161758	9.35E-28	**

siR_157709	1. 0635	0. 5967	-0. 83374235	0. 060029399	
siR_157731	0. 01	1. 0815	6. 75688986	8. 62E-10	**
siR_157741	2. 0206	1. 6036	-0. 33346943	0. 254622539	
siR_157757	2. 6233	1. 0442	-1. 32898474	1. 32E-05	**
siR_157763	4. 5021	4. 8482	0. 10685111	0. 552292504	
siR_157775	0. 01	1. 1561	6. 85312238	2. 05E-10	**
siR_157777	3. 155	2. 6106	-0. 27325858	0. 237071212	
siR_15778	0. 5672	2. 0139	1. 82806261	1. 34E-06	**
siR_157793	0. 01	2. 6106	8. 02823761	1. 37E-22	**
siR_157794	6. 8773	3. 1327	-1. 13443566	3. 94E-10	**
siR_15780	2. 7296	1. 6409	-0. 73420223	0. 006418645	
siR_157808	2. 6587	2. 2376	-0. 24876884	0. 321723987	
siR_157826	1. 8434	0. 7086	-1. 37932579	0. 000179389	**
siR_157827	1. 3471	0. 7086	-0. 92681358	0. 020219118	
siR_157830	0. 01	4. 2515	8. 73182813	2. 51E-36	**
siR_157835	0. 01	3. 9531	8. 62684064	7. 90E-34	**
siR_157839	0. 01	10. 8898	10. 08876174	6. 79E-92	**
siR_157844	0. 01	8. 8386	9. 78767406	1. 00E-74	**
siR_157871	1. 5598	0. 2238	-2. 80107912	4. 88E-08	**
siR_157875	0. 01	3. 17	8. 30833903	2. 84E-27	**
siR_157879	0. 01	2. 2749	7. 82965932	8. 83E-20	**
siR_157883	0. 01	3. 0954	8. 27398204	1. 20E-26	**
siR_157887	0. 01	2. 6106	8. 02823761	1. 37E-22	**
siR_157912	0. 6735	1. 268	0. 91280489	0. 02525345	
siR_157934	1. 028	0. 0373	-4. 78452082	6. 17E-08	**
siR_157938	0. 01	1. 3053	7. 02823761	1. 15E-11	**
siR_157946	0. 01	1. 9766	7. 62687714	2. 78E-17	**
siR_157952	1. 5598	1. 3799	-0. 17679734	0. 587407247	
siR_157958	0. 01	6. 601	9. 36654079	5. 41E-56	**
siR_157967	0. 6381	1. 529	1. 26073397	0. 001382912	**
siR_157982	1. 8434	2. 3122	0. 32689704	0. 228299844	
siR_157985	91. 3191	88. 6848	-0. 04222978	0. 303537849	
siR_157989	8. 7916	7. 5707	-0. 21569905	0. 114278146	
siR_157994	9. 8551	6. 1535	-0. 67946329	1. 17E-06	
siR_158	10. 635	6. 4518	-0. 72104641	1. 04E-07	
siR_158000	0. 01	1. 9393	7. 59939219	5. 69E-17	**
siR_158013	4. 2185	5. 8924	0. 48212527	0. 005696932	
siR_158030	0. 01	6. 0416	9. 23878686	2. 60E-51	**
siR_158036	24. 4605	7. 9063	-1. 62937929	1. 02E-54	**
siR_158040	1. 028	0. 7086	-0. 53679689	0. 21005998	
siR_158045	0. 01	1. 529	7. 2564446	1. 55E-13	**
siR_158069	1. 9852	1. 8274	-0. 1194919	0. 675870961	
siR_158096	571. 2051	369. 433	-0. 62869612	2. 72E-262	
siR_158097	1. 4889	3. 2073	1. 10711244	2. 71E-05	**
siR_158098	2. 3397	1. 9393	-0. 27078756	0. 313838403	
siR_158115	2. 6233	0. 8205	-1. 67680756	2. 30E-07	**
siR_158117	0. 01	2. 9089	8. 18432989	4. 35E-25	**

siR_15813	2.0561	0.2238	-3.19962849	1.87E-11	**
siR_158147	0.01	1.7528	7.45351758	2.07E-15	**
siR_15815	1.5598	0.5967	-1.38628337	0.000554254	**
siR_158150	2.0206	0.8205	-1.30020851	0.000175091	**
siR_158152	0.9217	1.1188	0.279583	0.470644087	
siR_158167	0.01	6.8621	9.42250634	3.53E-58	**
siR_158170	0.5672	16.4093	4.85451235	1.33E-113	**
siR_158174	0.01	10.8152	10.07884463	2.86E-91	**
siR_158178	1.418	0.4848	-1.54839593	0.00035749	**
siR_158179	1.6307	0.3729	-2.12863069	1.91E-06	**
siR_158186	2.2333	1.7528	-0.34951567	0.210211825	
siR_15819	1.9497	1.268	-0.62069741	0.047504913	
siR_158192	0.6381	1.0442	0.71054362	0.101902462	
siR_158200	0.01	2.0139	7.65384824	1.35E-17	**
siR_158205	0.01	6.4518	9.33355791	9.59E-55	**
siR_158214	0.01	51.0926	12.31889864	0	**
siR_158223	0.01	23.4205	11.19355616	8.70E-197	**
siR_158224	0.01	2.3495	7.87620996	2.10E-20	**
siR_158231	0.01	2.3495	7.87620996	2.10E-20	**
siR_158238	0.01	1.1934	6.89893387	9.98E-11	**
siR_158246	0.01	2.2003	7.78155643	3.72E-19	**
siR_158248	7.09	6.3027	-0.16981563	0.260767713	
siR_158255	2.9069	1.0442	-1.47708338	6.68E-07	**
siR_158272	0.01	1.8647	7.54279973	2.40E-16	**
siR_158275	1.3825	0.5221	-1.40488142	0.001042064	**
siR_158279	44.4542	28.94	-0.61925481	1.74E-21	
siR_158280	1.028	0.4848	-1.08437866	0.021479092	*
siR_158300	0.9571	1.0069	0.07317884	0.850192588	
siR_158330	1.8434	1.0069	-0.87244875	0.009591885	
siR_158336	1.418	0.7832	-0.85640486	0.025717571	
siR_158347	1.3825	2.2749	0.71852365	0.014263736	
siR_158355	1.8788	1.4172	-0.40676813	0.185934578	
siR_158359	18.7176	7.4588	-1.32738001	1.33E-31	**
siR_158365	0.01	3.3937	8.40671523	3.81E-29	**
siR_158381	0.01	1.268	6.98641094	2.37E-11	**
siR_158400	0.01	12.3443	10.26962931	4.54E-104	**
siR_158404	0.01	7.9809	9.64040764	1.52E-67	**
siR_158421	2.9069	1.4918	-0.96242731	0.000394025	
siR_158443	9.8196	3.3937	-1.53280522	4.05E-21	**
siR_158457	1.1344	0.5221	-1.11953137	0.013060942	*
siR_158467	1.7016	1.0069	-0.75697153	0.027686419	
siR_158470	344.5381	228.3503	-0.59341484	1.23E-143	
siR_158476	1.9497	1.1188	-0.80129999	0.013184917	
siR_158479	0.01	2.7225	8.08878824	1.58E-23	**
siR_158483	0.01	56.985	12.4763665	0	**
siR_158484	0.01	1.0069	6.6537766	3.63E-09	**
siR_158492	0.01	7.6825	9.58543205	4.78E-65	**

siR_158493	0.01	6.8621	9.42250634	3.53E-58	**
siR_158494	0.01	3.1327	8.29126281	5.83E-27	**
siR_158495	0.01	1.6036	7.32517051	3.67E-14	**
siR_158532	3.0132	1.3426	-1.16626689	2.44E-05	**
siR_158554	5.8138	3.9904	-0.54294807	0.002279745	
siR_158556	0.01	6.6383	9.37467002	2.63E-56	**
siR_158563	10.4932	4.6244	-1.18211661	1.32E-15	**
siR_158571	0.01	4.3634	8.76930892	2.91E-37	**
siR_158574	0.01	9.7337	9.9268445	3.23E-82	**
siR_158586	1.1698	0.3729	-1.64940119	0.000716423	**
siR_158593	3.8995	7.0112	0.84637224	6.62E-07	
siR_158598	1.4889	3.3937	1.18861218	4.86E-06	**
siR_158612	1.6307	0.8951	-0.86537062	0.015654369	
siR_158613	2.5878	1.3053	-0.9873447	0.000642325	
siR_158616	0.01	89.095	13.12112875	0	**
siR_158617	0.01	1.8274	7.51364865	4.92E-16	**
siR_158622	0.01	14.6938	10.52099183	9.77E-124	**
siR_158623	0.01	2.3868	7.89893387	1.02E-20	**
siR_158627	0.01	2.2003	7.78155643	3.72E-19	**
siR_158631	0.01	3.3192	8.37469175	1.60E-28	**
siR_158661	0.01	9.7337	9.9268445	3.23E-82	**
siR_158664	0.01	6.3027	9.29982618	1.70E-53	**
siR_158670	0.01	2.8343	8.14684866	1.83E-24	**
siR_158672	8.1535	3.9904	-1.03088612	2.87E-10	**
siR_158673	32.8267	18.7588	-0.80730218	5.82E-25	
siR_158679	7.5863	12.6053	0.73256212	3.89E-09	
siR_158682	1.5952	0.634	-1.33118257	0.000706761	**
siR_158684	0.01	8.2792	9.69334756	4.84E-70	**
siR_158704	3.5095	1.2307	-1.51178638	2.66E-08	**
siR_158718	4.3603	1.7528	-1.31476601	2.32E-08	**
siR_158730	2.5524	0.7832	-1.70440177	2.46E-07	**
siR_15874	0.01	1.902	7.57137344	1.17E-16	**
siR_158740	4.5021	1.9393	-1.2150621	9.36E-08	**
siR_158742	2.2333	1.529	-0.54658866	0.058239868	
siR_158745	1.1344	0.4102	-1.46753004	0.002218064	**
siR_158776	0.01	1.7901	7.48389637	1.01E-15	**
siR_158782	0.01	4.2888	8.74443023	1.22E-36	**
siR_158799	0.8862	1.6409	0.88878309	0.012627062	
siR_158871	1.2762	0.9696	-0.39639284	0.289463081	
siR_158886	8.8625	5.2957	-0.74289233	6.27E-07	
siR_158897	0.01	4.7363	8.88761665	2.20E-40	**
siR_158902	0.01	6.5264	9.3501436	2.28E-55	**
siR_158912	2.0206	0.8951	-1.17466298	0.000528718	**
siR_158928	0.01	15.1786	10.56782301	8.54E-128	**
siR_158929	2.836	3.0208	0.09107314	0.68789902	
siR_158968	295.7944	131.7592	-1.16669104	0	**
siR_158969	1.0989	0.3729	-1.5591994	0.001653799	**

siR_158988	1.737	0.5221	-1.73419969	1.76E-05	**
siR_159003	1.1344	0.2611	-2.11925507	8.17E-05	**
siR_159008	3.2968	1.1188	-1.55911421	3.54E-08	**
siR_159042	3.4032	1.3426	-1.34186239	5.52E-07	**
siR_159052	0.01	1.7901	7.48389637	1.01E-15	**
siR_159055	1.3116	0.5967	-1.13625012	0.006797934	**
siR_159069	1.2762	0.1865	-2.7746069	9.92E-07	**
siR_159074	0.9217	1.268	0.46018559	0.221358078	
siR_159102	0.01	1.7155	7.42248532	4.25E-15	**
siR_159107	0.01	17.0806	10.73814294	1.02E-143	**
siR_159112	0.01	2.3122	7.85312238	4.30E-20	**
siR_159115	0.01	2.9089	8.18432989	4.35E-25	**
siR_159138	0.01	2.3868	7.89893387	1.02E-20	**
siR_159162	3.9704	3.2819	-0.27475308	0.181946666	
siR_159168	1.3825	0.2238	-2.62699754	7.30E-07	**
siR_159181	4.7503	2.4614	-0.9485395	7.26E-06	
siR_159184	0.01	1.902	7.57137344	1.17E-16	**
siR_15919	1.9497	0.9696	-1.00779055	0.002643244	**
siR_159197	0.01	1.902	7.57137344	1.17E-16	**
siR_159200	2.0206	0.4848	-2.05932215	1.94E-07	**
siR_159213	10.2805	2.5733	-1.99821887	3.72E-31	**
siR_159223	0.01	1.3799	7.10841991	2.74E-12	**
siR_159230	0.01	1.4545	7.18437949	6.51E-13	**
siR_159237	0.01	1.4918	7.22091032	3.17E-13	**
siR_159242	4.4667	2.3122	-0.94994317	1.33E-05	
siR_159243	1.9143	0.5221	-1.87441888	1.95E-06	**
siR_159261	2.1624	1.1934	-0.85755573	0.005629017	
siR_159316	0.01	1.9766	7.62687714	2.78E-17	**
siR_159334	0.01	1.268	6.98641094	2.37E-11	**
siR_159345	0.01	1.9393	7.59939219	5.69E-17	**
siR_159392	1.8434	0.5221	-1.81997109	4.74E-06	**
siR_159409	119.8208	70.9702	-0.75559309	2.01E-77	
siR_159419	1.2053	0.634	-0.92683753	0.028276658	
siR_159420	141.9416	64.9659	-1.12754291	7.96E-177	**
siR_159421	1.7725	0.5594	-1.66383347	2.51E-05	**
siR_159425	3.0841	1.0069	-1.61492913	4.59E-08	**
siR_159498	20.2774	9.9575	-1.0260172	3.48E-23	**
siR_159539	0.01	2.5733	8.00747585	2.81E-22	**
siR_159540	5.282	4.9601	-0.09071509	0.600019445	
siR_159542	4.0767	3.9904	-0.03086842	0.875534385	
siR_159557	0.01	3.6175	8.49884921	5.10E-31	**
siR_159560	0.01	1.7155	7.42248532	4.25E-15	**
siR_159577	2.6587	0.8578	-1.63200778	3.24E-07	**
siR_159595	1.9497	1.4545	-0.42272886	0.162432979	
siR_159627	7.409	4.699	-0.65692507	4.35E-05	
siR_159628	15.5625	6.5637	-1.24549263	3.35E-24	**
siR_159666	3.2968	0.6713	-2.29603682	9.00E-13	**

siR_159692	0.8508	1.0069	0.24302847	0.549089802	
siR_159701	0.01	1.7155	7.42248532	4.25E-15	**
siR_159727	0.8862	1.1188	0.33624793	0.390862943	
siR_159745	0.01	1.3426	7.06888574	5.63E-12	**
siR_159756	11.5921	3.17	-1.8705872	3.95E-32	**
siR_159762	9.8196	6.8994	-0.50919335	0.000180156	
siR_159784	1.1698	0.2984	-1.97094245	0.000133017	**
siR_159804	3.0487	2.1258	-0.52018832	0.034010884	
siR_159807	1.5952	0.1492	-3.41841787	1.28E-09	**
siR_159835	2.3751	0.5221	-2.18559019	4.40E-09	**
siR_15984	2.9423	3.3192	0.17389121	0.429572359	
siR_159854	8.827	3.2073	-1.46056389	6.33E-18	**
siR_159862	2.9423	1.529	-0.94435595	0.000448467	
siR_159875	2.4106	1.1561	-1.06012609	0.000482579	**
siR_159911	1.9497	0.2611	-2.90057779	4.66E-10	**
siR_159919	3.3323	1.0442	-1.67412023	5.45E-09	**
siR_159933	0.01	16.7822	10.71271614	3.22E-141	**
siR_159937	0.01	10.2185	9.99696772	2.83E-86	**
siR_159938	0.01	2.0885	7.70632333	3.21E-18	**
siR_159939	0.01	1.268	6.98641094	2.37E-11	**
siR_159959	2.5524	0.4475	-2.51189485	3.73E-11	**
siR_159961	19.6393	19.4674	-0.01268329	0.886287103	
siR_159963	62.4628	66.0101	0.07968954	0.100671718	
siR_159964	3.7931	5.7433	0.59850252	0.000898852	
siR_159965	0.8508	1.1561	0.44237425	0.260344882	
siR_159966	1.2407	0.7459	-0.73410018	0.068100939	
siR_159972	38.4278	30.3199	-0.34188539	2.92E-07	
siR_159982	3.5804	0.9323	-1.9412546	2.14E-11	**
siR_16000	1.2053	0.5221	-1.20699422	0.006557539	**
siR_160012	0.01	5.8924	9.20271156	4.62E-50	**
siR_160014	0.9926	1.529	0.62330405	0.076934576	
siR_160038	1.3825	0.4102	-1.75288008	0.0001191	**
siR_160054	1.3116	0.6713	-0.96629826	0.017699245	
siR_160060	1.3471	0.4475	-1.58989736	0.000394142	**
siR_160061	1.2053	0.1492	-3.01407284	7.31E-07	**
siR_160082	1.7725	0.3356	-2.40097101	8.87E-08	**
siR_160086	5.8847	1.7528	-1.74730748	1.16E-15	**
siR_160130	0.9217	1.268	0.46018559	0.221358078	
siR_160155	0.01	2.1258	7.73186206	1.57E-18	**
siR_160164	1.4534	1.7155	0.23919731	0.440649407	
siR_160167	14.6054	9.2489	-0.65914817	8.25E-09	
siR_160170	1.1344	0.4848	-1.22646783	0.007625228	**
siR_160177	6.3101	0.634	-3.31510812	1.61E-33	**
siR_16018	3.0132	1.4918	-1.0142423	0.000163869	**
siR_160209	3.6868	1.8274	-1.0125767	3.08E-05	**
siR_160225	1.0635	1.1188	0.07313213	0.842404071	
siR_160231	22.1917	4.9601	-2.16157908	3.99E-72	**

siR_160245	1. 7725	1. 7155	-0. 0471565	0. 876375679	
siR_160247	0. 01	6. 34	9. 30833903	8. 28E-54	**
siR_160267	0. 01	11. 3	10. 14210706	2. 50E-95	**
siR_160273	23. 397	27. 5975	0. 23821403	0. 002023688	
siR_160279	0. 01	2. 2003	7. 78155643	3. 72E-19	**
siR_160282	62. 1438	26. 143	-1. 24918576	5. 15E-92	**
siR_160283	1. 6661	0. 8578	-0. 95776177	0. 007792404	
siR_160285	45. 0923	14. 2836	-1. 65852146	7. 03E-102	**
siR_160286	1. 3471	0. 5594	-1. 26790479	0. 002777337	**
siR_160293	16. 0588	6. 6756	-1. 26639467	1. 55E-25	**
siR_160303	1. 0635	0. 4848	-1. 13335843	0. 015328041	*
siR_160322	6. 0265	3. 6548	-0. 72152791	6. 28E-05	
siR_160327	0. 01	18. 5351	10. 85604418	6. 84E-156	**
siR_160331	0. 01	60. 0058	12. 55088624	0	**
siR_160332	0. 01	1. 1934	6. 89893387	9. 98E-11	**
siR_160369	1. 028	0. 1865	-2. 46259273	4. 21E-05	**
siR_160378	1. 1698	0. 634	-0. 88370715	0. 037954945	
siR_160382	0. 01	1. 4918	7. 22091032	3. 17E-13	**
siR_160395	0. 01	26. 3668	11. 36450677	1. 89E-221	**
siR_16040	4. 5376	3. 3192	-0. 45109388	0. 022971104	
siR_160400	0. 01	3. 9904	8. 64038956	3. 85E-34	**
siR_160401	0. 01	2. 3868	7. 89893387	1. 02E-20	**
siR_16042	16. 4133	7. 1604	-1. 19675324	5. 49E-24	**
siR_16045	1. 5598	0. 7086	-1. 13831769	0. 003056445	**
siR_160479	4. 3249	2. 1258	-1. 0246609	5. 08E-06	**
siR_160480	1. 737	1. 0069	-0. 78667734	0. 021426921	
siR_16050	1. 0989	0. 7832	-0. 48860744	0. 233779461	
siR_160505	2. 0206	0. 9696	-1. 05932215	0. 0014271	**
siR_160532	0. 01	1. 1561	6. 85312238	2. 05E-10	**
siR_160534	2. 4106	2. 4241	0. 00805694	0. 972091537	
siR_160570	1. 5598	0. 7086	-1. 13831769	0. 003056445	**
siR_160589	0. 01	1. 2307	6. 94333532	4. 86E-11	**
siR_160602	0. 01	1. 268	6. 98641094	2. 37E-11	**
siR_160608	1. 9497	1. 3426	-0. 53822261	0. 081273721	
siR_160610	1. 4534	0. 4848	-1. 58397021	0. 000237648	**
siR_160619	1. 4889	0. 634	-1. 23169211	0. 002080356	**
siR_160636	9. 3942	3. 17	-1. 56728747	6. 90E-21	**
siR_160645	1. 5598	0. 6713	-1. 21633151	0. 00179751	**
siR_160669	1. 2407	0. 4102	-1. 59675492	0. 000655154	**
siR_16069	3. 8995	2. 4987	-0. 64211145	0. 003724692	
siR_160690	1. 028	0. 7086	-0. 53679689	0. 21005998	
siR_160694	1. 8788	0. 4848	-1. 95434989	1. 25E-06	**
siR_160698	1. 3116	1. 902	0. 53618944	0. 084510703	
siR_160705	1. 7016	2. 163	0. 34614173	0. 218923244	
siR_160706	0. 01	2. 6479	8. 04870483	6. 67E-23	**
siR_160719	0. 01	2. 2003	7. 78155643	3. 72E-19	**
siR_160737	0. 01	1. 4918	7. 22091032	3. 17E-13	**

siR_160743	0.01	1.0069	6.6537766	3.63E-09	**
siR_160784	0.01	1.3799	7.10841991	2.74E-12	**
siR_160789	10.7768	4.2142	-1.35459817	2.10E-19	**
siR_160791	3.2259	1.4172	-1.18665835	9.48E-06	**
siR_160795	175.9381	66.2712	-1.40861399	0.00E-01	**
siR_160799	1.5598	0.1865	-3.06411352	1.15E-08	**
siR_160815	1.4889	0.4102	-1.85984746	3.15E-05	**
siR_160831	0.01	9.5099	9.89328636	2.41E-80	**
siR_160834	0.01	1.9766	7.62687714	2.78E-17	**
siR_160855	1.2053	0.1119	-3.42911034	1.49E-07	**
siR_160878	15.8461	6.2654	-1.33864929	2.48E-27	**
siR_160879	7.5508	2.3122	-1.70736331	4.17E-19	**
siR_160880	1.7016	0.5594	-1.60493978	5.77E-05	**
siR_160881	9.7842	3.1327	-1.64304728	4.15E-23	**
siR_160882	2.7651	1.3426	-1.04230211	0.00022408	**
siR_160912	0.01	17.9756	10.81182421	3.30E-151	**
siR_160913	0.01	4.9974	8.96503389	1.43E-42	**
siR_160914	0.01	1.3799	7.10841991	2.74E-12	**
siR_160928	0.01	1.0442	6.70625425	1.77E-09	**
siR_160936	8.4371	4.065	-1.05349185	6.60E-11	**
siR_160983	6.7355	4.7736	-0.49670736	0.002445858	
siR_160985	16.8387	18.5723	0.14137173	0.126423878	
siR_160990	2.7296	1.8274	-0.57889709	0.027229594	
siR_161	2.0561	1.6782	-0.29299577	0.30933143	
siR_161003	1.2053	0.1865	-2.69214474	2.94E-06	**
siR_16101	1.028	0.7832	-0.39238759	0.347659208	
siR_161016	1.0635	0.2984	-1.83350059	0.000528454	**
siR_161022	2.7651	1.6409	-0.75284434	0.005049463	
siR_161031	1.0635	0.634	-0.74626529	0.087380955	
siR_161045	353.4715	289.9225	-0.2859266	1.91E-39	
siR_161054	0.01	7.1604	9.48389637	1.12E-60	**
siR_161066	1.418	0.4848	-1.54839593	0.00035749	**
siR_161067	14.0736	10.0693	-0.48302802	1.91E-05	
siR_161071	19.2493	10.4423	-0.88236647	1.59E-17	
siR_161101	2.8714	1.6782	-0.77483966	0.003387318	
siR_161128	3.7577	3.7294	-0.01090635	0.958733578	
siR_161229	0.01	3.2073	8.32521549	1.38E-27	**
siR_161231	0.01	30.9539	11.59590548	7.57E-260	**
siR_161254	0.01	1.1188	6.80580835	4.20E-10	**
siR_161259	2.2688	1.0069	-1.17200903	0.000243594	**
siR_161268	0.01	1.0069	6.6537766	3.63E-09	**
siR_161272	5.4238	2.4987	-1.11812628	4.07E-08	**
siR_161335	20.8446	16.0737	-0.37497163	3.83E-05	
siR_161369	1.5952	2.6106	0.71064411	0.009286607	
siR_161380	0.01	3.5056	8.45351758	4.40E-30	**
siR_161383	1.1344	0.3729	-1.60506874	0.001091833	**
siR_161418	20.4192	14.8057	-0.46377364	6.96E-07	

siR_161422	189.6927	106.5486	-0.83215252	4.47E-143	
siR_161426	8.508	6.3773	-0.41587428	0.003813285	
siR_161431	24.3187	26.9635	0.14894167	0.052685581	
siR_161434	12.1593	10.5542	-0.20424295	0.07786188	
siR_161468	0.01	1.1188	6.80580835	4.20E-10	**
siR_161471	6.6291	7.0485	0.08850325	0.551467797	
siR_161479	0.01	2.163	7.75688986	7.63E-19	**
siR_161494	4.5376	1.6409	-1.46744212	5.86E-10	**
siR_161504	1.8434	1.0815	-0.76933549	0.020030177	
siR_161509	1.3471	0.2611	-2.36718259	4.10E-06	**
siR_161516	0.01	1.9766	7.62687714	2.78E-17	**
siR_161538	6.7	1.1188	-2.58220894	6.80E-28	**
siR_161544	4.1831	1.0069	-2.05465208	5.57E-14	**
siR_161565	2.1624	1.2307	-0.81315429	0.008149142	
siR_161579	133.0791	70.7092	-0.91231417	1.14E-117	
siR_161580	2.4106	1.3426	-0.84436273	0.003887492	
siR_161594	2.7296	1.5663	-0.80132899	0.003281986	
siR_161596	103.1948	71.9399	-0.52050622	2.44E-35	
siR_161597	4.0767	2.4987	-0.7062241	0.0012543	
siR_161602	0.01	1.902	7.57137344	1.17E-16	**
siR_161640	2.8714	1.4918	-0.94470019	0.000524188	
siR_161697	1.2762	0.5967	-1.09677676	0.009487354	**
siR_16172	1.3471	0.634	-1.08730221	0.008088456	**
siR_16175	2.4815	1.2307	-1.01173333	0.000651819	**
siR_161782	0.01	5.1093	8.99698184	1.66E-43	**
siR_161829	5.991	4.3261	-0.46972982	0.006639605	
siR_161831	1.8788	1.902	0.01770575	0.94789233	
siR_161833	0.01	4.699	8.87620996	4.51E-40	**
siR_161861	0.01	2.6106	8.02823761	1.37E-22	**
siR_161862	0.01	1.1561	6.85312238	2.05E-10	**
siR_16191	5.9556	2.8343	-1.07125439	2.75E-08	**
siR_161925	0.01	1.1188	6.80580835	4.20E-10	**
siR_161938	6.7709	8.6895	0.35992555	0.010431167	
siR_161939	2.6587	1.902	-0.48320375	0.064406625	
siR_161941	31.9404	20.0268	-0.67345046	3.58E-18	
siR_161942	13.6128	11.6357	-0.22640584	0.03935175	
siR_161963	1.3471	1.7528	0.37980444	0.227796939	
siR_161964	199.3705	194.0027	-0.03937523	0.156002373	
siR_161965	3.7577	2.3495	-0.67749612	0.0028337	
siR_161969	2.4106	1.3053	-0.88501086	0.002658959	
siR_162012	0.01	4.2142	8.71911497	5.16E-36	**
siR_162030	1.0635	0.2611	-2.02614567	0.000213675	**
siR_162038	3.1905	2.9462	-0.11492716	0.608187872	
siR_162040	3.4741	2.0139	-0.78664723	0.001080173	
siR_162049	1.9852	0.5594	-1.8273322	1.89E-06	**
siR_16208	0.01	1.6409	7.35834351	1.79E-14	**
siR_162086	297.7442	133.6612	-1.15549267	0	**

siR_162092	4.8566	1.7155	-1.50131754	7.06E-11	**
siR_162094	1.418	0.3356	-2.07904291	1.26E-05	**
siR_162097	1.5952	0.5967	-1.41865963	0.000378908	**
siR_162157	0.01	2.5733	8.00747585	2.81E-22	**
siR_162165	0.01	1.9766	7.62687714	2.78E-17	**
siR_162251	3.4386	1.6782	-1.03490664	4.20E-05	**
siR_162265	0.01	1.3426	7.06888574	5.63E-12	**
siR_162266	0.01	1.4918	7.22091032	3.17E-13	**
siR_162276	0.01	1.7901	7.48389637	1.01E-15	**
siR_162282	2.5524	2.0885	-0.2893873	0.262051286	
siR_162293	3.3677	2.4987	-0.43058593	0.060904434	
siR_162310	3.2968	1.3053	-1.33668495	8.97E-07	**
siR_162314	0.01	1.9766	7.62687714	2.78E-17	**
siR_162351	0.01	3.6175	8.49884921	5.10E-31	**
siR_162355	0.01	1.8274	7.51364865	4.92E-16	**
siR_162358	0.01	1.1188	6.80580835	4.20E-10	**
siR_162370	1.1344	1.6409	0.53255788	0.111471941	
siR_162376	1.3116	1.1561	-0.18206161	0.609564212	
siR_162381	3.1196	1.3053	-1.25697963	5.22E-06	**
siR_162391	0.01	1.5663	7.29121675	7.54E-14	**
siR_162394	0.01	1.3053	7.02823761	1.15E-11	**
siR_162443	0.01	1.8274	7.51364865	4.92E-16	**
siR_162448	13.8609	5.1093	-1.43982338	9.85E-27	**
siR_162451	8.508	3.5429	-1.26388929	3.37E-14	**
siR_162463	8.4016	45.3493	2.43234428	8.04E-170	**
siR_162466	0.01	24.614	11.26526341	8.91E-207	**
siR_162484	0.01	14.209	10.47258931	1.12E-119	**
siR_162487	5.9556	4.1769	-0.51181426	0.003421003	
siR_162499	2.1979	1.6782	-0.38921109	0.169285493	
siR_162505	0.6026	1.2307	1.03020655	0.014842901	*
siR_162510	2.1624	1.6036	-0.43131909	0.13364624	
siR_162512	0.01	2.9835	8.22086197	1.03E-25	**
siR_162513	3.3677	4.4007	0.3859694	0.051873908	
siR_162514	1.3825	0.7832	-0.81982681	0.03388769	
siR_162539	0.01	3.6548	8.51364865	2.48E-31	**
siR_162556	0.01	2.4241	7.9213054	4.98E-21	**
siR_162567	0.01	1.0442	6.70625425	1.77E-09	**
siR_16257	12.6556	6.5264	-0.95541659	1.55E-13	
siR_162607	0.01	6.601	9.36654079	5.41E-56	**
siR_162608	0.01	2.7597	8.10836763	7.72E-24	**
siR_162617	64.7316	58.0665	-0.15676409	0.001617887	
siR_162618	1.5598	1.7528	0.16830033	0.577980336	
siR_162619	1.2053	0.7832	-0.62193961	0.120458422	
siR_162623	16.2361	17.7519	0.12876831	0.172550607	
siR_16264	2.1979	1.2307	-0.83664662	0.006267341	
siR_162644	0.01	5.0347	8.97576201	6.99E-43	**
siR_162650	0.01	1.6782	7.39077085	8.72E-15	**

siR_162653	0.01	1.3053	7.02823761	1.15E-11	**
siR_162669	0.01	1.2307	6.94333532	4.86E-11	**
siR_162684	0.01	2.4987	7.96503389	1.18E-21	**
siR_162692	2.5878	2.4241	-0.09427691	0.704679575	
siR_162719	0.01	1.7528	7.45351758	2.07E-15	**
siR_162728	1.8434	2.0139	0.12762289	0.648346419	
siR_162749	2.0206	1.268	-0.67222901	0.030308462	
siR_162756	0.9217	1.5663	0.76499141	0.032107154	
siR_162783	0.01	15.104	10.56071495	3.60E-127	**
siR_162784	0.01	6.4518	9.33355791	9.59E-55	**
siR_162789	0.01	20.8846	11.0282238	1.47E-175	**
siR_162790	0.01	2.2376	7.80580835	1.81E-19	**
siR_16281	4.5376	2.0139	-1.17193739	1.90E-07	**
siR_162837	0.6381	1.0442	0.71054362	0.101902462	
siR_162842	0.01	1.0069	6.6537766	3.63E-09	**
siR_162898	0.9217	1.4545	0.65815414	0.070371585	
siR_162950	6.8418	2.8716	-1.25252113	1.49E-11	**
siR_162953	1.5952	1.7901	0.16630287	0.578469221	
siR_162970	6.8773	4.3634	-0.65638955	8.32E-05	
siR_162981	1.6661	1.7155	0.04215413	0.88597889	
siR_163022	2.1624	0.4848	-2.15717181	2.88E-08	**
siR_163035	0.01	6.601	9.36654079	5.41E-56	**
siR_163080	1.7725	1.268	-0.48323088	0.132259137	
siR_163093	5.5302	2.4241	-1.18988244	5.75E-09	**
siR_163112	0.01	1.0069	6.6537766	3.63E-09	**
siR_163142	2.9778	1.6782	-0.8273322	0.001590907	
siR_163143	5.3175	3.0954	-0.78062228	5.72E-05	
siR_16315	0.01	1.4918	7.22091032	3.17E-13	**
siR_163191	1.6661	0.1865	-3.15922746	2.08E-09	**
siR_163196	14.9953	22.4509	0.58226289	1.43E-10	
siR_16325	0.01	1.3053	7.02823761	1.15E-11	**
siR_163265	0.01	26.9262	11.39479493	3.93E-226	**
siR_163278	0.8508	1.1934	0.48818574	0.210653598	
siR_163287	10.3868	4.2515	-1.28870741	1.74E-17	**
siR_163307	2.6942	1.7155	-0.65122783	0.014824002	
siR_163323	11.344	3.6921	-1.6194159	4.93E-26	**
siR_163328	0.01	1.1934	6.89893387	9.98E-11	**
siR_163334	3.5095	1.4918	-1.23421137	1.87E-06	**
siR_163336	1.028	0.4848	-1.08437866	0.021479092	*
siR_163360	0.01	7.6079	9.57135447	2.01E-64	**
siR_163363	0.01	15.2532	10.57489623	2.03E-128	**
siR_163369	0.01	5.1466	9.00747585	8.09E-44	**
siR_163375	0.01	2.4614	7.94333532	2.43E-21	**
siR_163382	2.5524	0.9323	-1.45298827	4.29E-06	**
siR_163386	0.01	1.6409	7.35834351	1.79E-14	**
siR_163397	1.5598	0.2611	-2.57868669	1.81E-07	**
siR_163408	1.5952	1.2307	-0.37425819	0.260282941	

siR_163424	0. 01	3. 2446	8. 34189682	6. 75E-28	**
siR_163434	2. 127	0. 4848	-2. 13335843	4. 66E-08	**
siR_163435	3. 864	1. 8647	-1. 05115155	1. 08E-05	**
siR_163448	0. 01	39. 4569	11. 9460619	0	**
siR_16346	1. 2407	0. 6713	-0. 88612477	0. 0320329	
siR_163471	4. 1831	5. 8924	0. 49428288	0. 00467578	
siR_163495	42. 2918	47. 1767	0. 15769654	0. 006742681	
siR_163510	1. 5243	2. 2003	0. 52955337	0. 066370921	
siR_163537	0. 709	1. 2307	0. 7956216	0. 049842987	
siR_163543	1. 5598	1. 7528	0. 16830033	0. 577980336	
siR_163553	2. 1624	0. 7086	-1. 60959005	5. 25E-06	**
siR_163565	2. 0206	0. 4102	-2. 30038436	2. 46E-08	**
siR_163571	2. 2688	1. 1188	-1. 01997728	0. 001040485	**
siR_163698	0. 01	1. 7528	7. 45351758	2. 07E-15	**
siR_163700	0. 01	3. 431	8. 42248532	1. 85E-29	**
siR_163707	0. 01	3. 6548	8. 51364865	2. 48E-31	**
siR_163735	0. 01	16. 6331	10. 69984136	5. 71E-140	**
siR_163736	0. 01	1. 6782	7. 39077085	8. 72E-15	**
siR_163737	0. 01	1. 529	7. 2564446	1. 55E-13	**
siR_163744	0. 01	1. 0442	6. 70625425	1. 77E-09	**
siR_163752	0. 01	1. 6782	7. 39077085	8. 72E-15	**
siR_163757	0. 01	1. 7901	7. 48389637	1. 01E-15	**
siR_163771	12. 1593	5. 333	-1. 18904094	5. 33E-18	**
siR_163773	0. 01	2. 4614	7. 94333532	2. 43E-21	**
siR_163794	5. 8138	2. 6479	-1. 1346328	8. 91E-09	**
siR_163802	3. 155	1. 5663	-1. 01027944	0. 000120538	**
siR_163822	2. 9423	1. 2307	-1. 25746522	9. 68E-06	**
siR_163836	1. 2407	0. 1865	-2. 73390678	1. 71E-06	**
siR_163855	1. 0989	0. 4102	-1. 42166071	0. 003288611	**
siR_163863	1. 1344	0. 4848	-1. 22646783	0. 007625228	**
siR_163892	1. 0989	0. 5594	-0. 97410795	0. 02925074	
siR_163899	2. 5524	1. 2307	-1. 05237531	0. 000354975	**
siR_163903	0. 01	1. 529	7. 2564446	1. 55E-13	**
siR_163904	1. 0989	0. 2984	-1. 88074067	0. 000335467	**
siR_163918	0. 01	3. 0581	8. 25649177	2. 46E-26	**
siR_16392	0. 01	1. 6036	7. 32517051	3. 67E-14	**
siR_163920	0. 01	1. 0442	6. 70625425	1. 77E-09	**
siR_163923	15. 8461	21. 7423	0. 45637675	4. 31E-07	
siR_163925	10. 6704	6. 4145	-0. 73420554	6. 19E-08	
siR_163928	36. 159	34. 9816	-0. 0477585	0. 464854285	
siR_163978	0. 01	4. 3634	8. 76930892	2. 91E-37	**
siR_163982	0. 01	31. 0658	11. 60111149	8. 76E-261	**
siR_1640	1. 0635	0. 1119	-3. 24853809	1. 55E-06	**
siR_164015	1. 6307	1. 529	-0. 09290299	0. 768586776	
siR_164017	0. 01	3. 9159	8. 61320011	1. 62E-33	**
siR_164028	0. 01	3. 2446	8. 34189682	6. 75E-28	**
siR_164031	0. 01	25. 8819	11. 33772781	2. 17E-217	**

siR_16404	0.01	2.3495	7.87620996	2.10E-20	**
siR_16407	0.01	1.1561	6.85312238	2.05E-10	**
siR_164115	1.8788	0.3729	-2.3329508	6.03E-08	**
siR_164121	3.4386	1.6782	-1.03490664	4.20E-05	**
siR_164127	1.028	0.0746	-3.78452082	4.98E-07	**
siR_164138	66.256	21.2575	-1.64007917	1.77E-146	**
siR_164141	2.3397	0.9323	-1.32745738	4.00E-05	**
siR_164145	1.6307	1.1188	-0.54353923	0.108335711	
siR_164153	1.0635	0.5594	-0.92686787	0.039728581	
siR_164160	0.8508	1.1188	0.39506022	0.318611873	
siR_164165	3.1196	4.065	0.3818943	0.064298174	
siR_164171	0.01	1.529	7.2564446	1.55E-13	**
siR_164189	0.01	1.4545	7.18437949	6.51E-13	**
siR_164223	2.3751	2.3122	-0.03872206	0.881756406	
siR_164234	2.5878	3.6175	0.48326689	0.0300817	
siR_164248	0.01	281.7552	14.78215462	0	**
siR_164249	0.01	3.6175	8.49884921	5.10E-31	**
siR_1643	3.4032	1.1934	-1.51181426	4.34E-08	**
siR_164300	2.0915	1.3426	-0.63950845	0.034937772	
siR_164367	1.9143	3.2073	0.74454237	0.002651844	
siR_164392	0.01	1.0442	6.70625425	1.77E-09	**
siR_164401	1.9852	0.7086	-1.48624099	3.88E-05	**
siR_164411	1.0989	0.3356	-1.71124549	0.000775199	**
siR_164422	1.7016	0.634	-1.42433719	0.000229134	**
siR_164449	0.01	2.8343	8.14684866	1.83E-24	**
siR_164452	0.01	1.4172	7.14689956	1.34E-12	**
siR_164481	0.01	1.6782	7.39077085	8.72E-15	**
siR_164489	4.0767	6.1162	0.58523379	0.000783237	
siR_164493	2.9423	1.3053	-1.17256293	2.82E-05	**
siR_1645	143.1469	84.5079	-0.76033831	4.09E-93	
siR_164559	2.2333	0.9323	-1.26031089	0.00011631	**
siR_164613	0.01	3.7294	8.54279973	5.90E-32	**
siR_164617	0.01	6.3773	9.31680194	4.04E-54	**
siR_164625	5.1757	4.3634	-0.24630126	0.169361366	
siR_164655	1.6307	0.2984	-2.45017195	2.15E-07	**
siR_164749	0.01	1.2307	6.94333532	4.86E-11	**
siR_164772	0.01	1.1561	6.85312238	2.05E-10	**
siR_164783	1.418	0.7086	-1.00081416	0.011050653	*
siR_164787	56.5427	17.5281	-1.68967116	1.25E-130	**
siR_164801	1.1344	0.9323	-0.28306327	0.468279224	
siR_164804	4.1831	2.2749	-0.87876936	7.95E-05	
siR_164813	1.1344	1.0069	-0.17200903	0.654222799	
siR_164816	2.4106	1.9393	-0.31385628	0.239317058	
siR_164850	2.5169	4.9974	0.9895298	1.71E-06	
siR_164852	0.01	1.6036	7.32517051	3.67E-14	**
siR_164863	0.01	1.4918	7.22091032	3.17E-13	**
siR_164864	1.3471	1.1188	-0.26790479	0.452103943	

siR_164869	1.3471	0.3729	-1.85299625	8.02E-05	**
siR_164884	118.6864	47.5124	-1.32077864	1.58E-189	**
siR_164893	8.2244	1.529	-2.42732203	1.09E-31	**
siR_164895	1.4889	0.6713	-1.14921731	0.003563263	**
siR_164936	397.0395	190.6089	-1.05866706	0	**
siR_164937	1.028	0.4102	-1.32544087	0.007079856	**
siR_164968	0.01	2.7225	8.08878824	1.58E-23	**
siR_164971	0.01	1.7528	7.45351758	2.07E-15	**
siR_164994	8.2598	5.9297	-0.47814773	0.001187064	
siR_165015	0.01	8.8759	9.7937496	4.90E-75	**
siR_165025	25.1695	16.3347	-0.6237366	5.72E-13	
siR_16503	0.01	1.1934	6.89893387	9.98E-11	**
siR_165080	1.1344	1.0069	-0.17200903	0.654222799	
siR_165081	0.01	2.163	7.75688986	7.63E-19	**
siR_165111	0.7444	2.2376	1.5878022	3.90E-06	**
siR_165112	0.01	3.2446	8.34189682	6.75E-28	**
siR_165117	0.01	1.4918	7.22091032	3.17E-13	**
siR_16514	3.4741	1.902	-0.86912204	0.000371298	
siR_165157	2.0915	1.6409	-0.35005068	0.224899271	
siR_165159	1.3116	1.7528	0.41833358	0.187156922	
siR_165164	1.2762	0.2984	-2.096535	3.20E-05	**
siR_165165	1.5243	0.8951	-0.7680261	0.035009169	
siR_165166	1.028	0.7086	-0.53679689	0.21005998	
siR_165167	1.3825	1.0442	-0.40488142	0.260207089	
siR_165180	2.1979	1.4172	-0.63308238	0.032076259	
siR_165182	1.737	0.8951	-0.95647698	0.006626331	
siR_165221	1.5243	0.7086	-1.1051035	0.004253135	**
siR_165241	0.01	1.4172	7.14689956	1.34E-12	**
siR_165250	0.01	24.8004	11.27614767	2.45E-208	**
siR_165251	0.01	6.1908	9.27398204	1.47E-52	**
siR_165252	0.01	1.3426	7.06888574	5.63E-12	**
siR_165258	0.01	7.1604	9.48389637	1.12E-60	**
siR_165259	0.01	1.1934	6.89893387	9.98E-11	**
siR_165276	0.7799	2.2003	1.49633919	1.17E-05	**
siR_165358	7.3027	11.1136	0.60582435	2.96E-06	
siR_165364	2.0915	0.4102	-2.3501386	9.01E-09	**
siR_165374	4.6439	6.0789	0.38847338	0.021454226	
siR_165402	0.01	9.1743	9.84145427	1.56E-77	**
siR_165405	0.01	2.0512	7.68032436	6.59E-18	**
siR_165409	0.01	1.6036	7.32517051	3.67E-14	**
siR_16541	0.01	1.7528	7.45351758	2.07E-15	**
siR_165410	0.01	4.1396	8.69334756	2.17E-35	**
siR_165461	12.4429	9.9202	-0.32688165	0.005192411	
siR_165463	1.0989	0.4475	-1.29610052	0.006143403	**
siR_165471	0.01	193.0331	14.23656063	0	**
siR_165472	0.01	7.5707	9.56428289	4.13E-64	**
siR_165478	0.01	27.0008	11.39878644	9.34E-227	**

siR_165486	0.01	10.4796	10.03336794	1.85E-88	**
siR_16550	1.028	0.2984	-1.78452082	0.000827671	**
siR_165551	1.0635	0.4848	-1.13335843	0.015328041	*
siR_165556	1.737	1.3053	-0.41221633	0.198218358	
siR_165559	0.01	1.8647	7.54279973	2.40E-16	**
siR_16556	0.01	1.0815	6.75688986	8.62E-10	**
siR_165561	0.01	16.4093	10.68029798	4.26E-138	**
siR_165565	0.01	3.2446	8.34189682	6.75E-28	**
siR_165577	1.2407	0.8951	-0.47103354	0.220381215	
siR_165580	3.6868	1.0069	-1.87244875	3.28E-11	**
siR_165592	1.3825	0.0746	-4.21196004	1.07E-09	**
siR_165599	7.6926	4.699	-0.71111753	7.93E-06	
siR_165617	5.0339	3.2446	-0.63363593	0.00111392	
siR_165653	2.0561	0.6713	-1.61488089	8.60E-06	**
siR_165660	0.01	1.8274	7.51364865	4.92E-16	**
siR_165673	0.01	1.529	7.2564446	1.55E-13	**
siR_165676	0.01	3.7667	8.55715732	2.87E-32	**
siR_165678	0.01	9.9948	9.96503389	2.11E-84	**
siR_165686	0.01	198.5152	14.27696186	0	**
siR_165687	0.01	1.1561	6.85312238	2.05E-10	**
siR_165694	86.4624	31.6625	-1.44929771	2.63E-159	**
siR_165704	1.028	0.6713	-0.61481072	0.156712209	
siR_165753	1.2407	0.5967	-1.05607663	0.013149564	*
siR_165760	2.0561	1.7901	-0.19987025	0.481393777	
siR_165789	1.028	0.3356	-1.61502564	0.001825058	**
siR_165801	0.01	1.9393	7.59939219	5.69E-17	**
siR_165808	2.3751	1.4918	-0.67093413	0.018909397	
siR_165814	1.6307	0.2611	-2.64281703	6.26E-08	**
siR_165831	19.0721	10.405	-0.87418674	3.94E-17	
siR_165842	22.7589	15.5515	-0.54937709	9.68E-10	
siR_165846	3.155	2.1258	-0.56963413	0.01918796	
siR_165862	0.01	1.8647	7.54279973	2.40E-16	**
siR_165870	0.01	1.0069	6.6537766	3.63E-09	**
siR_165900	1.028	0.8951	-0.19971949	0.622135026	
siR_165903	0.01	4.5871	8.84143855	3.90E-39	**
siR_165947	1.2407	1.268	0.03140043	0.925522201	
siR_165949	6.7709	4.1023	-0.72291461	2.13E-05	
siR_165958	16.2361	15.4397	-0.07256041	0.459115656	
siR_165971	0.01	4.5871	8.84143855	3.90E-39	**
siR_165999	0.01	25.3971	11.31044806	2.48E-213	**
siR_166098	1.9143	0.3356	-2.51200232	1.12E-08	**
siR_166145	12.8329	21.1829	0.72305288	4.36E-14	
siR_166158	1.9497	0.7459	-1.38619802	0.000108984	**
siR_166181	8.2953	2.6479	-1.64744552	6.84E-20	**
siR_166194	8.1535	7.4215	-0.13570868	0.332245713	
siR_166211	1.1344	1.268	0.16062531	0.651027006	
siR_166216	0.01	1.0442	6.70625425	1.77E-09	**

siR_166220	0.01	13.7241	10.42249583	1.28E-115	**
siR_166225	0.01	4.6244	8.85312238	1.90E-39	**
siR_166229	0.01	9.5472	9.89893387	1.18E-80	**
siR_166230	0.01	1.0815	6.75688986	8.62E-10	**
siR_166248	0.01	2.4614	7.94333532	2.43E-21	**
siR_166249	0.01	1.1934	6.89893387	9.98E-11	**
siR_166250	0.01	1.1561	6.85312238	2.05E-10	**
siR_166255	0.01	31.1031	11.60284266	4.27E-261	**
siR_166256	0.01	7.235	9.49884921	2.67E-61	**
siR_166257	0.01	1.0069	6.6537766	3.63E-09	**
siR_166270	0.01	17.4162	10.76621416	1.59E-146	**
siR_166279	0.01	1.0442	6.70625425	1.77E-09	**
siR_166288	0.01	4.5499	8.82969103	8.00E-39	**
siR_166290	1.4534	1.4172	-0.03638844	0.914255543	
siR_166291	0.01	1.4172	7.14689956	1.34E-12	**
siR_166303	0.01	7.0112	9.45351758	1.99E-59	**
siR_166304	0.01	1.0442	6.70625425	1.77E-09	**
siR_166313	0.01	1.0442	6.70625425	1.77E-09	**
siR_166326	0.01	2.2376	7.80580835	1.81E-19	**
siR_166329	1.5952	1.9766	0.30928363	0.290705553	
siR_166331	0.01	5.6314	9.13734982	7.07E-48	**
siR_166334	3.8286	1.8647	-1.0378734	1.46E-05	**
siR_166395	0.01	3.9904	8.64038956	3.85E-34	**
siR_166420	5.5656	5.4449	-0.03163167	0.850502133	
siR_166423	11.4149	10.7779	-0.08284211	0.479642071	
siR_166428	7.9762	5.7433	-0.47382166	0.001581685	
siR_166475	1.3825	0.7459	-0.89022535	0.022894115	
siR_166483	16.4842	6.7875	-1.28013167	1.38E-26	**
siR_166492	1.1344	0.7832	-0.53447677	0.189070882	
siR_166506	3.7931	2.797	-0.43949715	0.042551057	
siR_166512	1.3471	0.7086	-0.92681358	0.020219118	
siR_166520	0.01	2.2376	7.80580835	1.81E-19	**
siR_166523	1.2762	0.6713	-0.92682489	0.023898405	
siR_166525	6.9482	3.7667	-0.88333815	3.12E-07	
siR_166526	1.028	0.6713	-0.61481072	0.156712209	
siR_166532	0.01	6.4891	9.34187459	4.67E-55	**
siR_166533	0.01	1.7528	7.45351758	2.07E-15	**
siR_166536	0.01	23.9427	11.22537014	3.71E-201	**
siR_166537	0.01	1.902	7.57137344	1.17E-16	**
siR_16656	0.01	5.1838	9.01786625	3.94E-44	**
siR_166560	0.01	4.2888	8.74443023	1.22E-36	**
siR_166563	9.0043	3.5802	-1.33057394	4.70E-16	**
siR_16658	0.01	1.3053	7.02823761	1.15E-11	**
siR_166589	0.01	1.4918	7.22091032	3.17E-13	**
siR_16659	0.01	1.4918	7.22091032	3.17E-13	**
siR_166606	0.01	24.875	11.28048081	5.81E-209	**
siR_166607	0.01	1.1934	6.89893387	9.98E-11	**

siR_166615	0.01	2.1258	7.73186206	1.57E-18	**
siR_166626	0.01	5.5195	9.10839377	6.11E-47	**
siR_166640	22.2271	17.7892	-0.3213181	0.000235375	
siR_166647	0.01	5.333	9.05880352	2.22E-45	**
siR_166652	1.1344	0.8205	-0.4673542	0.245331337	
siR_166665	1.2407	0.7832	-0.66370165	0.09494326	
siR_166697	7.9408	3.0208	-1.39435369	2.80E-15	**
siR_166707	0.01	1.6782	7.39077085	8.72E-15	**
siR_16678	0.01	1.6409	7.35834351	1.79E-14	**
siR_166790	1.6661	0.5594	-1.57452284	8.69E-05	**
siR_166799	10.7059	6.7129	-0.67339803	5.00E-07	
siR_166802	22.7234	17.3789	-0.38684195	9.60E-06	
siR_166806	2.3042	1.9393	-0.24872995	0.356805534	
siR_166811	0.9571	1.1934	0.31833611	0.399748725	
siR_166813	1.028	1.1188	0.12211189	0.744335346	
siR_166821	0.01	1.0442	6.70625425	1.77E-09	**
siR_166832	1.2053	0.3356	-1.84457766	0.000205328	**
siR_166852	0.01	5.8178	9.18432989	1.94E-49	**
siR_166858	0.01	2.8716	8.16571099	8.93E-25	**
siR_166859	0.01	2.5733	8.00747585	2.81E-22	**
siR_166870	1.6661	1.1561	-0.5272088	0.114277201	
siR_166894	1.4889	1.6036	0.10706746	0.731206568	
siR_166899	6.9482	3.5802	-0.9565991	4.50E-08	
siR_166900	10.8831	8.2047	-0.40756707	0.001313816	
siR_166903	43.2489	32.2219	-0.42462187	2.72E-11	
siR_166904	13.2228	11.1136	-0.25070149	0.025140477	
siR_166906	28.3245	24.0918	-0.2335083	0.002184198	
siR_166913	0.01	39.4942	11.94742508	0	**
siR_166919	0.01	1.4545	7.18437949	6.51E-13	**
siR_166924	0.01	3.17	8.30833903	2.84E-27	**
siR_166949	75.6148	102.6327	0.44074992	1.99E-26	
siR_166950	0.7444	1.3799	0.89041376	0.022164994	
siR_166965	0.01	1.902	7.57137344	1.17E-16	**
siR_166967	1.8788	1.529	-0.29722309	0.324937651	
siR_166983	0.01	1.6782	7.39077085	8.72E-15	**
siR_167040	1.8434	0.8951	-1.04224838	0.002666955	**
siR_167062	2.2333	1.7528	-0.34951567	0.210211825	
siR_167063	7.6217	4.5871	-0.73253046	5.04E-06	
siR_167069	14.3572	14.3581	0.00009043	0.99833329	
siR_167091	3.155	2.163	-0.54460634	0.02454311	
siR_167120	0.9571	1.9393	1.01879442	0.002355123	**
siR_167124	0.01	1.5663	7.29121675	7.54E-14	**
siR_167163	1.1698	1.0442	-0.16386383	0.664155115	
siR_167188	0.01	1.8647	7.54279973	2.40E-16	**
siR_167194	0.01	1.1934	6.89893387	9.98E-11	**
siR_167203	0.01	1.7528	7.45351758	2.07E-15	**
siR_167223	1.9852	1.5663	-0.3419238	0.247756469	

siR_167232	2.1979	0.5221	-2.07372768	4.84E-08	**
siR_167239	1.5243	1.1561	-0.39888068	0.243089184	
siR_167245	1.2053	1.4172	0.23365109	0.493306632	
siR_167247	0.01	2.4241	7.9213054	4.98E-21	**
siR_167256	0.8508	1.0069	0.24302847	0.549089802	
siR_167272	0.01	50.1602	12.29232739	0	**
siR_167278	0.01	3.3937	8.40671523	3.81E-29	**
siR_167295	4.8921	1.9766	-1.30743295	3.76E-09	**
siR_167296	1.5598	2.0885	0.42110609	0.147160392	
siR_167305	3.9349	4.699	0.2560268	0.172651996	
siR_167309	0.01	1.4172	7.14689956	1.34E-12	**
siR_167339	1.4534	0.634	-1.19687707	0.002948104	**
siR_167350	1.0989	1.3053	0.24832132	0.48614194	
siR_167353	14.5345	9.4726	-0.61764907	5.75E-08	
siR_167364	2.5524	1.6036	-0.67054012	0.014978839	
siR_167378	3.4032	0.9696	-1.81143033	4.72E-10	**
siR_167394	1.5952	0.634	-1.33118257	0.000706761	**
siR_167395	0.01	1.3799	7.10841991	2.74E-12	**
siR_167405	12.3011	8.3538	-0.55828282	5.16E-06	
siR_167415	0.01	3.5056	8.45351758	4.40E-30	**
siR_167420	1.4889	0.4848	-1.61878526	0.000157192	**
siR_167445	0.6735	1.1188	0.73220231	0.082062589	
siR_167446	0.01	1.8647	7.54279973	2.40E-16	**
siR_167457	0.01	12.7172	10.31256535	3.43E-107	**
siR_167458	0.01	1.3426	7.06888574	5.63E-12	**
siR_167465	0.01	31.1404	11.60457176	2.08E-261	**
siR_167466	0.01	12.6053	10.29981474	2.96E-106	**
siR_167467	0.01	1.0069	6.6537766	3.63E-09	**
siR_167477	0.01	6.6756	9.3827537	1.28E-56	**
siR_167478	0.01	3.7667	8.55715732	2.87E-32	**
siR_167479	0.01	1.4918	7.22091032	3.17E-13	**
siR_167483	0.01	33.4899	11.70951035	4.48E-281	**
siR_167484	0.01	1.3426	7.06888574	5.63E-12	**
siR_167503	1.6307	1.1561	-0.4962252	0.13940294	
siR_167523	1.9497	1.268	-0.62069741	0.047504913	
siR_167527	0.01	1.3799	7.10841991	2.74E-12	**
siR_167534	0.01	14.8803	10.5391879	2.68E-125	**
siR_167543	0.01	1.1188	6.80580835	4.20E-10	**
siR_167552	3.4741	5.2584	0.59798461	0.001501333	
siR_167555	0.01	10.5542	10.04360151	4.38E-89	**
siR_167568	1.5952	1.7155	0.10489181	0.727843234	
siR_167606	1.2407	0.4475	-1.47119473	0.001326969	**
siR_167612	12.3011	12.7918	0.05643196	0.606895956	
siR_167625	0.01	1.268	6.98641094	2.37E-11	**
siR_167655	12.1239	9.2489	-0.39050016	0.001117061	
siR_167660	0.01	3.2819	8.35838747	3.29E-28	**
siR_167663	0.01	8.5403	9.73814294	3.16E-72	**

siR_167668	3.4386	1.6409	-1.06733398	2.66E-05	**
siR_167677	24.1414	10.7033	-1.17345367	1.63E-33	**
siR_167681	0.01	8.9878	9.81182421	5.67E-76	**
siR_167703	0.01	1.6409	7.35834351	1.79E-14	**
siR_16771	0.01	2.0885	7.70632333	3.21E-18	**
siR_167720	1.1698	1.8274	0.64353057	0.046484149	
siR_167732	0.01	1.902	7.57137344	1.17E-16	**
siR_167743	1.5952	0.5967	-1.41865963	0.000378908	**
siR_167755	3.3323	3.2073	-0.05515898	0.80027253	
siR_167762	2.446	2.8343	0.21256807	0.375655786	
siR_167777	0.01	131.5355	13.6831646	0	**
siR_167778	0.01	1.4172	7.14689956	1.34E-12	**
siR_167779	0.01	1.0442	6.70625425	1.77E-09	**
siR_167787	0.01	46.2071	12.17389883	0	**
siR_167795	0.01	10.3677	10.01788016	1.59E-87	**
siR_167796	0.01	1.4545	7.18437949	6.51E-13	**
siR_167803	0.01	13.4631	10.39479493	1.96E-113	**
siR_167804	0.01	4.699	8.87620996	4.51E-40	**
siR_167805	0.01	1.1188	6.80580835	4.20E-10	**
siR_167820	0.01	5.0347	8.97576201	6.99E-43	**
siR_167823	7.2318	3.5429	-1.02942403	3.03E-09	**
siR_16783	1.0989	0.4848	-1.1805985	0.010852128	*
siR_167831	0.01	4.8109	8.910163	5.22E-41	**
siR_167839	0.01	5.706	9.15633594	1.68E-48	**
siR_167868	0.01	9.6218	9.910163	2.79E-81	**
siR_167870	0.01	43.2236	12.07760352	0	**
siR_167871	0.01	6.0043	9.22985225	5.34E-51	**
siR_167874	0.01	11.1509	10.12294444	4.44E-94	**
siR_167875	0.01	9.3235	9.86472783	8.79E-79	**
siR_167876	0.01	3.9904	8.64038956	3.85E-34	**
siR_167877	0.01	3.1327	8.29126281	5.83E-27	**
siR_167878	0.01	2.1258	7.73186206	1.57E-18	**
siR_167882	0.01	6.4891	9.34187459	4.67E-55	**
siR_167883	0.01	1.3053	7.02823761	1.15E-11	**
siR_167897	22.0144	18.274	-0.26865506	0.002013096	
siR_167900	2.1979	1.3799	-0.67156203	0.023914899	
siR_16791	1.0989	0.5967	-0.88098242	0.045030158	
siR_167918	4.2894	2.3122	-0.89150967	5.23E-05	
siR_167931	1.0989	0.8951	-0.29593933	0.456310342	
siR_167934	5.9201	4.1023	-0.52918855	0.002626709	
siR_167969	1.5952	1.0069	-0.66381691	0.057559607	
siR_167972	1.418	0.7459	-0.9268034	0.017122488	
siR_168015	1.028	0.4848	-1.08437866	0.021479092	*
siR_168016	1.2407	0.4102	-1.59675492	0.000655154	**
siR_168028	0.01	2.5733	8.00747585	2.81E-22	**
siR_16803	3.8286	1.1934	-1.68173926	3.45E-10	**
siR_168034	0.01	26.3668	11.36450677	1.89E-221	**

siR_168046	0.01	13.1647	10.36245893	6.15E-111	**
siR_168049	0.6735	1.268	0.91280489	0.02525345	
siR_168074	0.01	4.4007	8.78158921	1.42E-37	**
siR_16808	0.01	1.3799	7.10841991	2.74E-12	**
siR_168091	2.4815	0.5967	-2.05613477	7.78E-09	**
siR_168122	1.3825	0.8951	-0.62715871	0.093219647	
siR_168152	0.01	1.1188	6.80580835	4.20E-10	**
siR_168170	6.7	3.6548	-0.87436864	6.35E-07	
siR_168176	1.1698	1.0069	-0.21634148	0.569256367	
siR_168246	0.01	2.6479	8.04870483	6.67E-23	**
siR_168282	1062.6478	488.2886	-1.12185751	0	**
siR_168283	28.3245	11.1136	-1.34972427	3.84E-48	**
siR_168293	643.4876	240.9184	-1.41736777	0	**
siR_168294	16.7678	7.1977	-1.22008554	3.53E-25	**
siR_168300	0.01	2.9835	8.22086197	1.03E-25	**
siR_168361	0.01	2.4987	7.96503389	1.18E-21	**
siR_168363	0.01	1.6409	7.35834351	1.79E-14	**
siR_168382	0.01	1.3053	7.02823761	1.15E-11	**
siR_168397	1.6661	0.2611	-2.67380063	3.67E-08	**
siR_168398	1.4534	0.634	-1.19687707	0.002948104	**
siR_16840	1.6307	0.7832	-1.05803872	0.004283913	**
siR_168402	2.7296	0.6713	-2.02366	2.00E-09	**
siR_168404	2.6233	1.0069	-1.38146239	7.21E-06	**
siR_168418	1.6307	1.1188	-0.54353923	0.108335711	
siR_168420	1.2762	1.0815	-0.23882077	0.512575605	
siR_168438	2.5169	1.2307	-1.03216877	0.000481965	**
siR_168442	0.01	1.9766	7.62687714	2.78E-17	**
siR_168449	0.01	1.4172	7.14689956	1.34E-12	**
siR_168457	0.01	6.1162	9.25649177	6.18E-52	**
siR_168465	1.2053	1.1188	-0.10744012	0.77139317	
siR_168480	4.573	3.3564	-0.44622626	0.023820805	
siR_168482	4.1476	1.1934	-1.79719908	7.59E-12	**
siR_168502	0.01	3.0208	8.23878686	5.04E-26	**
siR_168505	0.01	1.6036	7.32517051	3.67E-14	**
siR_168513	0.01	1.7155	7.42248532	4.25E-15	**
siR_168531	0.01	23.2714	11.18434229	1.54E-195	**
siR_168539	0.01	35.7648	11.80432466	4.05E-300	**
siR_168547	0.01	2.3495	7.87620996	2.10E-20	**
siR_168559	1.6307	1.4545	-0.1649681	0.603842949	
siR_168563	1.7725	1.4918	-0.2487315	0.420152445	
siR_168634	1.3116	1.0069	-0.3814074	0.299984274	
siR_168647	4.3603	0.6713	-2.69939785	1.66E-19	**
siR_168648	1.0989	0.1492	-2.88074067	3.93E-06	**
siR_168682	0.01	1.1188	6.80580835	4.20E-10	**
siR_168722	2.7651	2.3495	-0.23497789	0.338612627	
siR_168725	2.3042	1.5663	-0.55690538	0.05035022	
siR_168727	0.01	1.4172	7.14689956	1.34E-12	**

siR_168773	6.0619	2.3868	-1.34469237	1.96E-11	**
siR_168804	2.5524	1.4172	-0.84881107	0.002832475	
siR_168810	0.01	3.2819	8.35838747	3.29E-28	**
siR_168848	0.01	1.1188	6.80580835	4.20E-10	**
siR_168855	1.3825	2.2376	0.69467268	0.018305677	
siR_168948	0.01	2.2749	7.82965932	8.83E-20	**
siR_168966	0.01	1.3053	7.02823761	1.15E-11	**
siR_168982	0.5672	1.0069	0.82799097	0.066924076	
siR_169006	1.6661	1.4545	-0.1959517	0.534913814	
siR_169012	1.1698	0.5594	-1.06430974	0.015477614	*
siR_169068	2.2333	0.5221	-2.096779	3.01E-08	**
siR_16910	1.5952	0.7086	-1.17069394	0.002183895	**
siR_16912	1.4534	0.9323	-0.64056564	0.079347154	
siR_169120	0.01	1.4172	7.14689956	1.34E-12	**
siR_169126	53.494	53.1438	-0.00947569	0.859376265	
siR_169130	1.9497	2.2376	0.19870001	0.460760798	
siR_169132	3.8995	2.1258	-0.87528328	0.000147014	
siR_16914	9.1106	5.2211	-0.80319228	6.48E-08	
siR_169149	8.508	2.9462	-1.52996466	1.88E-18	**
siR_169227	0.01	4.9228	8.94333532	6.04E-42	**
siR_169265	2.9778	1.9393	-0.61871086	0.014319214	
siR_169287	0.01	1.6036	7.32517051	3.67E-14	**
siR_169293	0.01	1.7528	7.45351758	2.07E-15	**
siR_169321	1.8079	0.4848	-1.89885328	3.13E-06	**
siR_169328	0.01	1.7901	7.48389637	1.01E-15	**
siR_169343	2.9423	1.1934	-1.30186667	5.49E-06	**
siR_169351	3.155	3.8413	0.28395464	0.173733593	
siR_169352	13.1165	7.6079	-0.78581261	1.92E-10	
siR_169380	1.4889	0.5594	-1.4122947	0.000627722	**
siR_169389	6.0619	4.5126	-0.42581115	0.012622605	
siR_169396	0.01	1.6782	7.39077085	8.72E-15	**
siR_169427	1.3471	0.4102	-1.71545755	0.000183816	**
siR_169464	2.8005	5.1093	0.86744122	1.48E-05	
siR_169496	0.01	1.8647	7.54279973	2.40E-16	**
siR_169501	0.01	2.8343	8.14684866	1.83E-24	**
siR_169511	1.7016	1.2307	-0.46741281	0.152751652	
siR_169528	4.0767	1.7901	-1.18736161	6.15E-07	**
siR_169529	11.5212	4.699	-1.29386532	2.43E-19	**
siR_169549	1.5952	0.3356	-2.24892269	1.10E-06	**
siR_169550	1.0989	0.2611	-2.07338574	0.000132441	**
siR_169552	5.7429	1.4545	-1.98125614	7.04E-18	**
siR_169557	1.028	1.1561	0.16942593	0.649430129	
siR_169568	0.01	1.268	6.98641094	2.37E-11	**
siR_169590	2.8005	1.0442	-1.42328636	2.09E-06	**
siR_169604	2.4106	1.7155	-0.49076315	0.074291384	
siR_169621	2.6233	2.2749	-0.20557967	0.41279343	
siR_169680	2.127	0.9323	-1.18995386	0.000326206	**

siR_169741	1.3116	0.5594	-1.22937565	0.003968625	**
siR_169760	1.2407	0.4102	-1.59675492	0.000655154	**
siR_169785	0.01	3.9159	8.61320011	1.62E-33	**
siR_169790	0.01	14.2836	10.48014392	2.65E-120	**
siR_169820	1.2407	2.4987	1.01002338	0.00059769	**
siR_169850	0.01	5.1838	9.01786625	3.94E-44	**
siR_16986	1.9497	0.8951	-1.12313138	0.001024698	**
siR_169877	1.6661	0.8205	-1.02189976	0.004996607	**
siR_169891	0.01	6.7502	9.39878644	3.05E-57	**
siR_169892	0.01	5.2211	9.02820998	1.92E-44	**
siR_169898	0.0354	37.1447	10.0351913	0.00E+00	**
siR_169899	0.0709	19.2063	8.08157827	5.81E-157	**
siR_169900	0.01	2.7225	8.08878824	1.58E-23	**
siR_169901	0.01	2.0885	7.70632333	3.21E-18	**
siR_169902	0.01	1.8274	7.51364865	4.92E-16	**
siR_169908	0.01	11.8967	10.21634573	2.53E-100	**
siR_169909	0.01	3.8413	8.58545083	6.83E-33	**
siR_169910	0.01	2.1258	7.73186206	1.57E-18	**
siR_169923	0.01	3.5429	8.46878694	2.15E-30	**
siR_169927	0.01	3.0208	8.23878686	5.04E-26	**
siR_169935	0.01	1.0442	6.70625425	1.77E-09	**
siR_169970	1.2407	0.7086	-0.80811094	0.047445627	
siR_170012	0.01	3.0208	8.23878686	5.04E-26	**
siR_170016	0.01	1.4172	7.14689956	1.34E-12	**
siR_170019	0.01	31.6252	11.62685889	1.82E-265	**
siR_170020	0.01	1.0442	6.70625425	1.77E-09	**
siR_170027	0.01	1.3426	7.06888574	5.63E-12	**
siR_170047	46.9357	26.7024	-0.81371626	1.93E-35	
siR_170049	5.9201	1.3053	-2.18124012	1.35E-20	**
siR_170060	86.3915	60.0431	-0.52489091	2.73E-30	
siR_170067	0.01	2.2003	7.78155643	3.72E-19	**
siR_170071	0.01	5.5568	9.11811051	2.98E-47	**
siR_170076	0.01	1.7155	7.42248532	4.25E-15	**
siR_170079	0.01	2.6479	8.04870483	6.67E-23	**
siR_170080	0.01	2.2376	7.80580835	1.81E-19	**
siR_170108	52.9622	18.6096	-1.50891601	2.81E-104	**
siR_170124	0.01	11.7103	10.19356232	9.21E-99	**
siR_170140	26.1266	19.0945	-0.45236225	4.08E-08	
siR_170143	25.1695	20.6235	-0.28738736	0.000429483	
siR_170149	1.418	0.634	-1.16130279	0.004153001	**
siR_170154	5.6011	3.6175	-0.63071717	0.000613048	
siR_170156	1.0635	0.4102	-1.37442064	0.004842593	**
siR_170184	0.01	1.0069	6.6537766	3.63E-09	**
siR_170199	1.3471	0.4848	-1.47439535	0.000796247	**
siR_170202	1.737	1.1561	-0.58733156	0.075331494	
siR_170250	0.01	3.9159	8.61320011	1.62E-33	**
siR_170252	17.6186	8.4284	-1.0637686	1.72E-21	**

siR_170268	0.01	1.5663	7.29121675	7.54E-14	**
siR_170284	8.3662	3.9904	-1.06803912	4.87E-11	**
siR_170285	2.446	1.0069	-1.28050399	4.39E-05	**
siR_170304	1.5952	1.4545	-0.13321402	0.67732156	
siR_170305	29.8134	29.1638	-0.0317822	0.658113793	
siR_170319	0.01	1.0815	6.75688986	8.62E-10	**
siR_170325	16.6969	15.5888	-0.0990704	0.307394841	
siR_170337	0.01	11.5611	10.17506296	1.63E-97	**
siR_170360	0.01	13.9479	10.44583221	1.71E-117	**
siR_170365	0.01	4.9974	8.96503389	1.43E-42	**
siR_170385	2.3042	2.2749	-0.01846282	0.945377782	
siR_170386	0.01	2.6106	8.02823761	1.37E-22	**
siR_170394	0.01	1.9766	7.62687714	2.78E-17	**
siR_170396	10.0323	5.0347	-0.99467467	1.09E-11	
siR_170398	1.1698	0.4848	-1.27080029	0.005319168	**
siR_17043	5.6011	1.529	-1.87312178	2.54E-16	**
siR_17044	1.4889	0.7459	-0.99719273	0.009388402	
siR_170447	0.01	4.1396	8.69334756	2.17E-35	**
siR_170451	1.4534	1.7901	0.30060837	0.327757351	
siR_170452	1.1698	0.3356	-1.80144727	0.000321486	**
siR_170463	0.2127	1.1188	2.39506022	2.14E-05	**
siR_170507	0.01	2.0885	7.70632333	3.21E-18	**
siR_170509	0.01	1.1188	6.80580835	4.20E-10	**
siR_170541	1.7725	0.7086	-1.32274226	0.000375473	**
siR_170546	2.9069	1.5663	-0.89212088	0.000882251	
siR_170550	1.4534	0.5221	-1.47703375	0.000479018	**
siR_170562	0.01	4.2888	8.74443023	1.22E-36	**
siR_17057	0.01	7.1231	9.47636143	2.30E-60	**
siR_170613	2.1979	0.7459	-1.55907162	7.20E-06	**
siR_170616	1.2053	0.4848	-1.31393068	0.003684871	**
siR_170691	0.01	1.6782	7.39077085	8.72E-15	**
siR_170710	21.8017	10.3304	-1.07754452	9.71E-27	**
siR_170729	0.01	17.5654	10.77852071	8.95E-148	**
siR_170751	2.446	1.268	-0.94786966	0.00134367	
siR_170788	0.01	3.9159	8.61320011	1.62E-33	**
siR_170789	0.01	2.3495	7.87620996	2.10E-20	**
siR_170792	0.01	1.5663	7.29121675	7.54E-14	**
siR_17082	0.01	1.0069	6.6537766	3.63E-09	**
siR_170862	0.01	3.7294	8.54279973	5.90E-32	**
siR_170872	3.2614	1.7901	-0.86545121	0.000591443	
siR_17090	0.01	1.4918	7.22091032	3.17E-13	**
siR_170900	0.01	1.0815	6.75688986	8.62E-10	**
siR_170917	5.7783	4.2142	-0.45538632	0.009582569	
siR_170925	1.5243	1.1188	-0.44619471	0.195244239	
siR_170939	1.2407	0.5594	-1.14920216	0.007946935	**
siR_17096	0.01	2.536	7.98641094	5.76E-22	**
siR_17099	0.01	1.0442	6.70625425	1.77E-09	**

siR_170993	0.01	2.3495	7.87620996	2.10E-20	**
siR_171000	1.2053	1.268	0.07316247	0.832610508	
siR_171002	3.1196	1.8274	-0.7715686	0.002331203	
siR_171006	3.2968	3.6548	0.14872609	0.476184557	
siR_171025	15.7043	12.7918	-0.29594035	0.004252868	
siR_171029	11.9821	12.1578	0.02100141	0.85034488	
siR_171032	1.0989	1.2307	0.16341902	0.650589112	
siR_17108	1.7725	1.9766	0.15723532	0.580183064	
siR_171088	1.737	1.0815	-0.68356409	0.041819133	
siR_171091	0.01	14.9175	10.54279006	1.31E-125	**
siR_171096	0.01	5.2957	9.04867759	4.56E-45	**
siR_171099	10.2096	5.4449	-0.90694889	2.21E-10	
siR_17113	1.3471	0.8578	-0.65114373	0.086805871	
siR_171131	1.0635	0.4102	-1.37442064	0.004842593	**
siR_171183	2.127	1.2307	-0.78934091	0.010544665	
siR_171206	1.0635	0.7086	-0.58577666	0.167596979	
siR_171207	1.0635	0.7832	-0.44136736	0.286432527	
siR_171225	5.1757	3.6921	-0.48731237	0.009102977	
siR_171236	0.01	1.8274	7.51364865	4.92E-16	**
siR_171257	2.836	1.7901	-0.66381735	0.010974873	
siR_171269	0.01	3.4683	8.43808488	9.04E-30	**
siR_171288	0.01	13.3512	10.3827537	1.69E-112	**
siR_171290	9.9614	11.5611	0.21485825	0.070449923	
siR_171292	0.01	1.4172	7.14689956	1.34E-12	**
siR_171311	0.01	4.2142	8.71911497	5.16E-36	**
siR_171312	6.7	6.0416	-0.14923043	0.335148999	
siR_171331	1.0989	0.7459	-0.55900597	0.178387672	
siR_171348	0.01	4.2142	8.71911497	5.16E-36	**
siR_171373	3.1905	0.01	-8.31763871	7.88E-27	**
siR_171391	3.0841	0.01	-8.26870574	5.85E-26	**
siR_171392	3.0487	0.01	-8.25205038	1.14E-25	**
siR_17143	1.1344	1.1188	-0.01997728	0.960392747	
siR_171463	2.9778	0.01	-8.21810305	4.34E-25	**
siR_171481	10.8122	0.01	-10.07844431	3.25E-89	**
siR_171482	7.09	0.01	-9.46964185	9.53E-59	**
siR_171528	13.1165	0.01	-10.3571671	4.49E-108	**
siR_171534	2.5169	0.01	-7.97550407	2.57E-21	**
siR_17156	1.418	0.4102	-1.78945814	7.68E-05	**
siR_171650	10.5995	0.01	-10.04978054	1.79E-87	**
siR_171651	3.7222	0.01	-8.54001177	3.50E-31	**
siR_171725	1.5243	0.01	-7.25200305	3.42E-13	**
siR_171751	1.2762	0.01	-6.99571063	3.67E-11	**
siR_171815	2.5169	0.01	-7.97550407	2.57E-21	**
siR_171836	10.4577	0.01	-10.03034988	2.59E-86	**
siR_171863	2.4815	0.01	-7.95506863	5.01E-21	**
siR_171901	1.2407	0.01	-6.95501051	7.17E-11	**
siR_171930	59.1305	0.01	-12.52968642	0	**

siR_172051	2.4815	0.01	-7.95506863	5.01E-21	**
siR_172082	1.2053	0.01	-6.91324847	1.40E-10	**
siR_172200	2.0561	0.01	-7.68376661	1.52E-17	**
siR_172233	2.127	0.01	-7.73267621	3.99E-18	**
siR_1724	0.01	2.0139	7.65384824	1.35E-17	**
siR_172486	1.418	0.01	-7.14771372	2.54E-12	**
siR_172494	2.5169	0.01	-7.97550407	2.57E-21	**
siR_172629	1.5243	0.01	-7.25200305	3.42E-13	**
siR_172686	3.3677	0.01	-8.39561983	2.79E-28	**
siR_172774	1.1344	0.01	-6.82578563	5.32E-10	**
siR_172825	1.7016	0.01	-7.41074813	1.21E-14	**
siR_172849	2.0206	0.01	-7.65863995	2.96E-17	**
siR_172850	224.4337	0.01	-14.45400133	0	**
siR_172851	150.0951	0.01	-13.87358984	0	**
siR_172852	15.8461	0.01	-10.62991211	2.04E-130	**
siR_172853	2.127	0.01	-7.73267621	3.99E-18	**
siR_172854	1.8079	0.01	-7.49817107	1.63E-15	**
siR_172855	1.1344	0.01	-6.82578563	5.32E-10	**
siR_172856	1.1344	0.01	-6.82578563	5.32E-10	**
siR_173006	1.418	0.01	-7.14771372	2.54E-12	**
siR_173025	1.4889	0.01	-7.21810305	6.67E-13	**
siR_173073	16.3424	0.01	-10.67440422	1.77E-134	**
siR_173084	1.1344	0.01	-6.82578563	5.32E-10	**
siR_173097	1.3471	0.01	-7.07371314	9.66E-12	**
siR_173109	1.3116	0.01	-7.035184	1.88E-11	**
siR_17313	8.6852	4.5126	-0.94460017	1.41E-09	**
siR_173146	9.0752	0.01	-9.82578561	5.37E-75	**
siR_17318	3.864	1.5663	-1.30273453	1.80E-07	**
siR_173278	1.3825	0.01	-7.11113566	4.95E-12	**
siR_173296	1.0635	0.01	-6.73267622	2.02E-09	**
siR_173309	1.737	0.01	-7.44045394	6.21E-15	**
siR_173353	1.418	0.01	-7.14771372	2.54E-12	**
siR_173361	1.737	0.01	-7.44045394	6.21E-15	**
siR_173382	4.3603	0.01	-8.76828358	2.10E-36	**
siR_173387	2.9778	0.01	-8.21810305	4.34E-25	**
siR_173410	1.1344	0.01	-6.82578563	5.32E-10	**
siR_173417	1.8079	0.01	-7.49817107	1.63E-15	**
siR_173450	8.2598	0.01	-9.689963	2.53E-68	**
siR_17351	2.3042	1.8274	-0.33447348	0.221939009	**
siR_17356	1.3825	0.2238	-2.62699754	7.30E-07	**
siR_173560	1.8079	0.01	-7.49817107	1.63E-15	**
siR_173570	3.8286	0.01	-8.58067313	4.72E-32	**
siR_17362	40.2711	12.2324	-1.71903739	7.87E-96	**
siR_17364	23.1134	5.7433	-2.00877767	1.81E-68	**
siR_17370	1.3825	0.5967	-1.2122018	0.003421985	**
siR_173735	2.446	0.01	-7.93428061	9.77E-21	**
siR_173750	1.6661	0.01	-7.38033118	2.36E-14	**

siR_173781	1.028	0.01	-6.68369645	3.95E-09	**
siR_173845	1.2407	0.01	-6.95501051	7.17E-11	**
siR_173988	1.3471	0.01	-7.07371314	9.66E-12	**
siR_174058	1.2762	0.01	-6.99571063	3.67E-11	**
siR_174066	22.3689	0.01	-11.12727844	8.33E-184	**
siR_1741	6.5937	3.5429	-0.8961575	4.55E-07	
siR_174118	10.7413	0.01	-10.06895291	1.24E-88	**
siR_174131	3.6868	0.01	-8.52622535	6.83E-31	**
siR_174208	5.4947	0.01	-9.10189688	1.09E-45	**
siR_174215	1.3471	0.01	-7.07371314	9.66E-12	**
siR_174216	1.8788	0.01	-7.55366769	4.29E-16	**
siR_174218	2.6233	0.01	-8.035239	3.46E-22	**
siR_174221	1.1698	0.01	-6.87011809	2.73E-10	**
siR_174226	107.0234	0.01	-13.3856388	0	**
siR_174344	42.3981	0.01	-12.04978406	0	**
siR_174359	1.418	0.01	-7.14771372	2.54E-12	**
siR_1744	1.9852	0.3356	-2.56446974	3.95E-09	**
siR_174431	5.8847	0.01	-9.20082503	6.99E-49	**
siR_17444	4.7148	3.2073	-0.55583727	0.005032774	
siR_17445	1.1344	0.1865	-2.6046819	8.62E-06	**
siR_17447	1.3116	0.8578	-0.61261459	0.109565176	
siR_174472	1.2053	0.01	-6.91324847	1.40E-10	**
siR_17449	8.4016	2.4987	-1.7494864	9.07E-22	**
siR_17450	1.3825	0.4102	-1.75288008	0.0001191	**
siR_174509	1.2762	0.01	-6.99571063	3.67E-11	**
siR_174527	1.1344	0.01	-6.82578563	5.32E-10	**
siR_17459	4.3958	3.2446	-0.43808512	0.029391782	
siR_17460	7.3736	3.0581	-1.26973357	1.41E-12	**
siR_17461	6.4519	2.9835	-1.1127183	2.44E-09	**
siR_17462	3.545	1.8274	-0.95599317	9.78E-05	
siR_174750	1.8079	0.01	-7.49817107	1.63E-15	**
siR_174976	1.3116	0.01	-7.035184	1.88E-11	**
siR_175	23.9996	2.1258	-3.49693258	4.18E-129	**
siR_175009	4.1831	0.01	-8.70842867	5.92E-35	**
siR_175056	1.3471	0.01	-7.07371314	9.66E-12	**
siR_175191	1.8079	0.01	-7.49817107	1.63E-15	**
siR_175198	2.5878	0.01	-8.0155823	6.75E-22	**
siR_175199	1.2762	0.01	-6.99571063	3.67E-11	**
siR_175233	2.1979	0.01	-7.77998195	1.05E-18	**
siR_175366	9.8905	0.01	-9.94989969	1.14E-81	**
siR_175367	2.6942	0.01	-8.07371315	9.10E-23	**
siR_175372	26.0203	0.01	-11.34542197	1.08E-213	**
siR_175373	4.3603	0.01	-8.76828358	2.10E-36	**
siR_175374	2.5524	0.01	-7.99571063	1.32E-21	**
siR_175375	1.5598	0.01	-7.28521726	1.75E-13	**
siR_175391	1.6307	0.01	-7.34934759	4.61E-14	**
siR_175494	2.7651	0.01	-8.11118786	2.39E-23	**

siR_17550	1. 0635	0. 4848	-1. 13335843	0. 015328041	*
siR_175521	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_17558	8. 118	2. 2376	-1. 85917218	8. 74E-23	**
siR_17561	8. 5789	3. 3937	-1. 33793364	1. 75E-15	**
siR_17562	3. 4741	1. 3053	-1. 41225786	1. 44E-07	**
siR_17563	2. 446	1. 268	-0. 94786966	0. 00134367	
siR_17564	1. 1698	0. 7459	-0. 64920776	0. 112106036	
siR_175661	2. 0561	0. 01	-7. 68376661	1. 52E-17	**
siR_175670	3. 6159	0. 01	-8. 49821097	2. 60E-30	**
siR_17570	2. 7651	2. 0139	-0. 45733961	0. 072903407	
siR_175778	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_175916	16. 5197	0. 01	-10. 6899717	6. 26E-136	**
siR_175939	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_176003	2. 5878	0. 01	-8. 0155823	6. 75E-22	**
siR_176082	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_176122	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_176126	4. 5376	0. 01	-8. 82578561	7. 42E-38	**
siR_176152	8. 9688	0. 01	-9. 80877111	3. 99E-74	**
siR_17618	7. 6217	3. 9531	-0. 94712837	1. 33E-08	
siR_176209	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_176240	1. 737	0. 01	-7. 44045394	6. 21E-15	**
siR_176246	11. 0958	0. 01	-10. 11579799	1. 55E-91	**
siR_17631	14. 2509	14. 8803	0. 06235058	0. 540368554	
siR_176356	1. 9143	0. 01	-7. 58067313	2. 20E-16	**
siR_17636	28. 9981	29. 4249	0. 02107914	0. 769116202	
siR_176392	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_17643	0. 01	6. 2281	9. 2826483	7. 16E-53	**
siR_176461	4. 8921	0. 01	-8. 93431011	9. 31E-41	**
siR_176492	4. 0413	0. 01	-8. 65867564	8. 57E-34	**
siR_176593	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_176620	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_176658	25. 524	0. 01	-11. 3176388	1. 25E-209	**
siR_176729	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_176783	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_176788	2. 7296	0. 01	-8. 09254576	4. 66E-23	**
siR_176836	8. 0117	0. 01	-9. 64596464	2. 72E-66	**
siR_176849	1. 8788	0. 01	-7. 55366769	4. 29E-16	**
siR_176866	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_176975	4. 6439	0. 01	-8. 85919308	1. 00E-38	**
siR_177	9. 9614	0. 8951	-3. 47622774	3. 07E-54	**
siR_177071	5. 5302	0. 01	-9. 11118782	5. 57E-46	**
siR_177085	2. 7651	0. 01	-8. 11118786	2. 39E-23	**
siR_177103	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_177121	3. 7222	0. 01	-8. 54001177	3. 50E-31	**
siR_177171	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_177210	3. 0132	0. 01	-8. 23515263	2. 23E-25	**
siR_177265	14. 9244	0. 01	-10. 54345719	7. 15E-123	**

siR_177334	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_177359	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_177485	3. 4741	0. 01	-8. 44049549	3. 76E-29	**
siR_177512	55. 621	0. 01	-12. 44141404	0	**
siR_177513	1. 5952	0. 01	-7. 31759351	8. 99E-14	**
siR_177594	5. 5656	0. 01	-9. 12039339	2. 86E-46	**
siR_177620	5. 8138	0. 01	-9. 18333764	2. 66E-48	**
siR_177647	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_177649	2. 3397	0. 01	-7. 87017976	7. 25E-20	**
siR_177652	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_177658	2. 6942	0. 01	-8. 07371315	9. 10E-23	**
siR_177685	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_177770	2. 3042	0. 01	-7. 84812212	1. 41E-19	**
siR_17778	0. 01	4. 6617	8. 86471235	9. 25E-40	**
siR_177794	3. 5095	0. 01	-8. 45512172	1. 93E-29	**
siR_177804	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_177816	1. 9143	0. 01	-7. 58067313	2. 20E-16	**
siR_17782	0. 01	5. 3703	9. 06885887	1. 08E-45	**
siR_177821	18. 6467	0. 01	-10. 86470468	2. 44E-153	**
siR_177825	3. 9704	0. 01	-8. 63314056	3. 26E-33	**
siR_177830	18. 6112	0. 01	-10. 86195527	4. 76E-153	**
siR_177834	10. 7413	0. 01	-10. 06895291	1. 24E-88	**
siR_177861	3. 7222	0. 01	-8. 54001177	3. 50E-31	**
siR_17792	3. 3677	1. 5663	-1. 10440306	1. 93E-05	**
siR_177959	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_177974	5. 7783	0. 01	-9. 17450131	5. 19E-48	**
siR_178022	1. 9852	0. 01	-7. 63314056	5. 78E-17	**
siR_17824	1. 1698	2. 0139	0. 78373015	0. 012964318	
siR_17825	0. 01	1. 4172	7. 14689956	1. 34E-12	**
siR_178260	2. 3042	0. 01	-7. 84812212	1. 41E-19	**
siR_17827	0. 6026	1. 7528	1. 54038881	6. 63E-05	**
siR_178299	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_178430	2. 4106	0. 01	-7. 91324847	1. 91E-20	**
siR_178431	1. 6661	0. 01	-7. 38033118	2. 36E-14	**
siR_178514	1. 737	0. 01	-7. 44045394	6. 21E-15	**
siR_178567	2. 836	0. 01	-8. 14771372	6. 28E-24	**
siR_17858	6. 9482	3. 9531	-0. 81365483	1. 84E-06	
siR_17860	235. 3522	74. 7369	-1. 65492871	0	**
siR_178605	3. 5804	0. 01	-8. 48397698	5. 07E-30	**
siR_17861	1. 9852	1. 0442	-0. 9268863	0. 004648702	
siR_17864	2. 3751	0. 7832	-1. 60053559	1. 96E-06	**
siR_178719	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_17875	1. 3471	1. 3426	-0. 0048274	0. 991679078	
siR_17879	0. 01	1. 268	6. 98641094	2. 37E-11	**
siR_178860	1. 7016	0. 01	-7. 41074813	1. 21E-14	**
siR_178873	4. 2185	0. 01	-8. 72058632	3. 03E-35	**
siR_178895	1. 418	0. 01	-7. 14771372	2. 54E-12	**

siR_178924	2.7296	0.01	-8.09254576	4.66E-23	**
siR_178925	1.7016	0.01	-7.41074813	1.21E-14	**
siR_178961	2.3397	0.01	-7.87017976	7.25E-20	**
siR_17897	0.01	5.2211	9.02820998	1.92E-44	**
siR_179062	2.6233	0.01	-8.035239	3.46E-22	**
siR_17929	14.1091	7.0858	-0.99362331	8.01E-16	
siR_17930	5.1048	2.9089	-0.81138074	4.59E-05	
siR_179420	2.1624	0.01	-7.75648961	2.05E-18	**
siR_179421	1.5598	0.01	-7.28521726	1.75E-13	**
siR_1795	2.3751	0.8205	-1.53341302	3.99E-06	**
siR_179527	1.7016	0.01	-7.41074813	1.21E-14	**
siR_179540	3.2968	0.01	-8.36492254	1.06E-27	**
siR_179572	3.155	0.01	-8.3014962	1.54E-26	**
siR_179718	1.3471	0.01	-7.07371314	9.66E-12	**
siR_17972	1.4889	0.7086	-1.07120349	0.005883379	**
siR_179749	38.8532	0.01	-11.92381747	973135011737e	**
siR_179754	2.1979	0.01	-7.77998195	1.05E-18	**
siR_17981	2.2688	0.5594	-2.01997728	4.96E-08	**
siR_179857	1.5952	0.01	-7.31759351	8.99E-14	**
siR_17988	1.3471	2.6106	0.95452447	0.000811449	
siR_17989	42.8235	26.9262	-0.66939207	1.36E-23	
siR_179931	2.2333	0.01	-7.80303324	5.38E-19	**
siR_17994	0.01	6.6383	9.37467002	2.63E-56	**
siR_179985	1.1698	0.01	-6.87011809	2.73E-10	**
siR_180015	1.6661	0.01	-7.38033118	2.36E-14	**
siR_180125	10.635	0.01	-10.0546043	9.19E-88	**
siR_180143	4.573	0.01	-8.83699711	3.81E-38	**
siR_180150	14.0736	0.01	-10.4587756	6.57E-116	**
siR_180159	5.2111	0.01	-9.02544416	2.28E-43	**
siR_180176	2.0561	0.01	-7.68376661	1.52E-17	**
siR_180218	2.9423	0.01	-8.20080054	8.47E-25	**
siR_180229	10.0678	0.01	-9.97553269	4.03E-83	**
siR_180252	1.2407	0.01	-6.95501051	7.17E-11	**
siR_180259	1.8079	0.01	-7.49817107	1.63E-15	**
siR_18027	3.4741	3.17	-0.13215644	0.539104114	
siR_180327	1.3825	0.01	-7.11113566	4.95E-12	**
siR_180350	1.737	0.01	-7.44045394	6.21E-15	**
siR_180404	27.0129	0.01	-11.39943282	8.13E-222	**
siR_180430	9.7487	0.01	-9.92906603	1.65E-80	**
siR_180455	2.6942	0.01	-8.07371315	9.10E-23	**
siR_180474	2.9778	0.01	-8.21810305	4.34E-25	**
siR_18057	1.5243	1.1561	-0.39888068	0.243089184	
siR_180592	6.6291	0.01	-9.37266921	5.64E-55	**
siR_180596	1.028	0.01	-6.68369645	3.95E-09	**
siR_180660	2.9778	0.01	-8.21810305	4.34E-25	**
siR_180692	1.2407	0.01	-6.95501051	7.17E-11	**
siR_180719	2.3751	0.01	-7.89184446	3.72E-20	**

siR_180726	4. 0058	0. 01	-8. 64594661	1. 67E-33	**
siR_180737	1. 9143	0. 01	-7. 58067313	2. 20E-16	**
siR_18080	2. 3042	1. 268	-0. 8617112	0. 004090052	
siR_180889	2. 2333	0. 01	-7. 80303324	5. 38E-19	**
siR_180927	1. 5952	0. 01	-7. 31759351	8. 99E-14	**
siR_180956	2. 4815	0. 01	-7. 95506863	5. 01E-21	**
siR_180960	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_180986	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_181049	2. 7296	0. 01	-8. 09254576	4. 66E-23	**
siR_181054	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_181089	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_18109	149. 3507	92. 3023	-0. 6942655	4. 23E-83	
siR_18110	2. 2688	1. 7901	-0. 34188925	0. 216088817	
siR_181103	3. 0132	0. 01	-8. 23515263	2. 23E-25	**
siR_181163	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_18118	584. 8179	209. 144	-1. 48349086	0	**
siR_18119	9. 536	5. 4449	-0. 80847868	2. 67E-08	
siR_18120	5. 3175	3. 9159	-0. 4414042	0. 015775463	
siR_18121	0. 9217	1. 4172	0. 62067421	0. 089997715	
siR_181238	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_18126	50. 3744	34. 3477	-0. 55247725	5. 85E-20	
siR_18127	19. 5684	0. 634	-4. 94789915	5. 55E-134	**
siR_181275	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_18130	1. 1344	0. 2984	-1. 92661	0. 000211792	**
siR_181300	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_181318	4. 7857	0. 01	-8. 90258614	6. 91E-40	**
siR_18137	0. 01	3. 0954	8. 27398204	1. 20E-26	**
siR_181371	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_181410	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_181476	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_181480	10. 954	0. 01	-10. 09724211	2. 25E-90	**
siR_181516	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_181517	4. 2185	0. 01	-8. 72058632	3. 03E-35	**
siR_181542	14. 5699	0. 01	-10. 50877528	5. 70E-120	**
siR_181640	1. 9497	0. 01	-7. 60710834	1. 13E-16	**
siR_18178	2. 0206	1. 0069	-1. 00486334	0. 002256209	**
siR_181815	1. 9497	0. 01	-7. 60710834	1. 13E-16	**
siR_181846	42. 15	0. 01	-12. 04131706	0	**
siR_181873	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_181885	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_18192	0. 01	1. 6409	7. 35834351	1. 79E-14	**
siR_181974	3. 0841	0. 01	-8. 26870574	5. 85E-26	**
siR_181976	4. 9984	0. 01	-8. 96532255	1. 25E-41	**
siR_182007	2. 3397	0. 01	-7. 87017976	7. 25E-20	**
siR_182038	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_182048	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_182058	2. 5169	0. 01	-7. 97550407	2. 57E-21	**

siR_18209	1.6307	0.9696	-0.75002979	0.032577757	
siR_182099	59.2369	0.01	-12.53228039	0	**
siR_182105	27.4028	0.01	-11.42010765	5.23E-225	**
siR_18212	2.7651	0.9696	-1.51187005	8.22E-07	**
siR_18217	2.0561	0.7459	-1.4628563	3.48E-05	**
siR_182189	3.1905	0.01	-8.31763871	7.88E-27	**
siR_182226	3.4032	0.01	-8.41074813	1.43E-28	**
siR_182430	1.1698	0.01	-6.87011809	2.73E-10	**
siR_182466	1.8079	0.01	-7.49817107	1.63E-15	**
siR_182526	1.028	0.01	-6.68369645	3.95E-09	**
siR_182560	1.8788	0.01	-7.55366769	4.29E-16	**
siR_182561	1.8434	0.01	-7.52622535	8.37E-16	**
siR_182676	3.864	0.01	-8.59395129	2.42E-32	**
siR_182683	2.7651	0.01	-8.11118786	2.39E-23	**
siR_18288	2.5878	2.3122	-0.16245993	0.517511236	
siR_18289	2.836	2.0139	-0.49386548	0.05126528	
siR_18290	2.4815	1.6782	-0.5642978	0.039765706	
siR_18291	1.1698	0.7832	-0.57880922	0.151563912	
siR_182998	8.1535	0.01	-9.67127563	1.88E-67	**
siR_183	0.01	1.7901	7.48389637	1.01E-15	**
siR_183111	1.737	0.01	-7.44045394	6.21E-15	**
siR_183320	1.028	0.01	-6.68369645	3.95E-09	**
siR_183379	1.418	0.01	-7.14771372	2.54E-12	**
siR_18340	5.282	6.3773	0.27186145	0.092463586	
siR_18341	3.5095	2.9462	-0.25241013	0.247476605	
siR_183521	2.7651	0.01	-8.11118786	2.39E-23	**
siR_183748	1.0989	0.01	-6.7799163	1.04E-09	**
siR_183860	2.5878	0.01	-8.0155823	6.75E-22	**
siR_183863	1.3825	0.01	-7.11113566	4.95E-12	**
siR_183865	23.0425	0.01	-11.1700815	2.56E-189	**
siR_183883	1.2762	0.01	-6.99571063	3.67E-11	**
siR_18395	1.418	1.529	0.10873087	0.733407941	
siR_18417	1.5952	0.6713	-1.24870777	0.00126596	**
siR_18419	12.5493	4.7736	-1.39445731	2.80E-23	**
siR_18420	2.8005	1.5663	-0.83832386	0.001962838	
siR_184202	1.4534	0.01	-7.18328801	1.30E-12	**
siR_184219	1.8434	0.01	-7.52622535	8.37E-16	**
siR_184233	1.3825	0.01	-7.11113566	4.95E-12	**
siR_184249	1.8434	0.01	-7.52622535	8.37E-16	**
siR_18427	0.01	1.3426	7.06888574	5.63E-12	**
siR_184343	1.737	0.01	-7.44045394	6.21E-15	**
siR_184371	1.9143	0.01	-7.58067313	2.20E-16	**
siR_184372	1.8434	0.01	-7.52622535	8.37E-16	**
siR_184482	4.9275	0.01	-8.94471205	4.77E-41	**
siR_184539	1.2053	0.01	-6.91324847	1.40E-10	**
siR_184590	8.4016	0.01	-9.71452026	1.75E-69	**
siR_184668	1.3116	0.01	-7.035184	1.88E-11	**

siR_184683	2. 8714	0. 01	-8. 16561052	3. 22E-24	**
siR_184768	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_18479	1. 3471	0. 5594	-1. 26790479	0. 002777337	**
siR_184801	2. 9069	0. 01	-8. 18333764	1. 65E-24	**
siR_184897	2. 3042	0. 01	-7. 84812212	1. 41E-19	**
siR_184914	118. 97	0. 01	-13. 53831027	0	**
siR_184915	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_184926	16. 4488	0. 01	-10. 68376659	2. 38E-135	**
siR_184927	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_18493	1. 8788	1. 1188	-0. 74785934	0. 021928453	
siR_184982	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_185034	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_185075	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_185083	1. 8434	0. 01	-7. 52622535	8. 37E-16	**
siR_1851	1. 028	0. 7832	-0. 39238759	0. 347659208	
siR_185108	4. 8921	0. 01	-8. 93431011	9. 31E-41	**
siR_185114	2. 1979	0. 01	-7. 77998195	1. 05E-18	**
siR_185155	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_18517	71. 9634	51. 0553	-0. 49520262	4. 21E-23	
siR_185249	5. 2466	0. 01	-9. 03523897	1. 17E-43	**
siR_185253	2. 4815	0. 01	-7. 95506863	5. 01E-21	**
siR_185337	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_185379	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_185413	8. 4725	0. 01	-9. 72664389	4. 60E-70	**
siR_185460	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_185463	2. 9069	0. 01	-8. 18333764	1. 65E-24	**
siR_185468	3. 0487	0. 01	-8. 25205038	1. 14E-25	**
siR_185499	1. 9143	0. 01	-7. 58067313	2. 20E-16	**
siR_185551	10. 5641	0. 01	-10. 0449541	3. 50E-87	**
siR_185569	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_185579	2. 6587	0. 01	-8. 05457718	1. 77E-22	**
siR_185612	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_185636	2. 4815	0. 01	-7. 95506863	5. 01E-21	**
siR_185685	88. 3058	0. 01	-13. 10829305	0	**
siR_185686	6. 7355	0. 01	-9. 39564121	7. 60E-56	**
siR_185851	3. 2614	0. 01	-8. 34934759	2. 07E-27	**
siR_185913	19. 0721	0. 01	-10. 89724802	8. 04E-157	**
siR_185924	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_185964	2. 3751	0. 01	-7. 89184446	3. 72E-20	**
siR_186020	17. 2287	0. 01	-10. 75059825	9. 86E-142	**
siR_186021	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_18610	0. 01	4. 1396	8. 69334756	2. 17E-35	**
siR_186200	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_186215	2. 7651	0. 01	-8. 11118786	2. 39E-23	**
siR_186218	10. 6704	0. 01	-10. 05939853	4. 71E-88	**
siR_186219	4. 8566	0. 01	-8. 92380283	1. 82E-40	**
siR_186227	1. 2407	0. 01	-6. 95501051	7. 17E-11	**

siR_186229	20.5255	0.01	-11.0032015	1.02E-168	**
siR_186241	3.4032	0.01	-8.41074813	1.43E-28	**
siR_186242	2.127	0.01	-7.73267621	3.99E-18	**
siR_186253	313.3421	0.01	-14.93545103	0	**
siR_186265	1.4889	0.01	-7.21810305	6.67E-13	**
siR_186269	6.5582	0.01	-9.35715612	2.15E-54	**
siR_186270	4.5376	0.01	-8.82578561	7.42E-38	**
siR_186290	1.2407	0.01	-6.95501051	7.17E-11	**
siR_18630	13.0101	4.1023	-1.66512715	9.19E-31	**
siR_18631	6.2746	1.3426	-2.22449394	3.06E-22	**
siR_186313	1.737	0.01	-7.44045394	6.21E-15	**
siR_186335	3.4032	0.01	-8.41074813	1.43E-28	**
siR_186353	16.626	0.01	-10.69922536	8.44E-137	**
siR_186373	7.3027	0.01	-9.5122862	1.73E-60	**
siR_186379	11.4858	0.01	-10.16563558	9.99E-95	**
siR_186404	6.0619	0.01	-9.24362624	2.48E-50	**
siR_186518	1.9852	0.01	-7.63314056	5.78E-17	**
siR_186523	2.5878	0.01	-8.0155823	6.75E-22	**
siR_186543	1.737	0.01	-7.44045394	6.21E-15	**
siR_186562	5.6365	0.01	-9.13865581	7.51E-47	**
siR_186566	84.7608	0.01	-13.04918107	0	**
siR_186567	25.1695	0.01	-11.29746071	9.96E-207	**
siR_186568	2.6942	0.01	-8.07371315	9.10E-23	**
siR_18658	1.4534	0.5594	-1.37747965	0.000918153	**
siR_186586	3.1905	0.01	-8.31763871	7.88E-27	**
siR_18659	0.01	1.8274	7.51364865	4.92E-16	**
siR_186596	1.4889	0.01	-7.21810305	6.67E-13	**
siR_186597	1.3471	0.01	-7.07371314	9.66E-12	**
siR_1866	0.01	1.529	7.2564446	1.55E-13	**
siR_186602	5.8138	0.01	-9.18333764	2.66E-48	**
siR_186635	1.1344	0.01	-6.82578563	5.32E-10	**
siR_18664	209.0129	198.1796	-0.07678352	0.004887038	
siR_186688	2.127	0.01	-7.73267621	3.99E-18	**
siR_18670	0.01	3.2073	8.32521549	1.38E-27	**
siR_186707	1.028	0.01	-6.68369645	3.95E-09	**
siR_186712	3.1196	0.01	-8.28521723	3.00E-26	**
siR_186713	1.418	0.01	-7.14771372	2.54E-12	**
siR_186727	2.8714	0.01	-8.16561052	3.22E-24	**
siR_18677	2.836	3.9531	0.47912692	0.024434673	
siR_18680	0.01	3.2819	8.35838747	3.29E-28	**
siR_186848	2.7296	0.01	-8.09254576	4.66E-23	**
siR_186851	1.0635	0.01	-6.73267622	2.02E-09	**
siR_186853	1.9852	0.01	-7.63314056	5.78E-17	**
siR_186859	4.254	0.01	-8.73267624	1.56E-35	**
siR_186886	1.418	0.01	-7.14771372	2.54E-12	**
siR_186887	1.3825	0.01	-7.11113566	4.95E-12	**
siR_186927	2.3397	0.01	-7.87017976	7.25E-20	**

siR_187004	2.2688	0.01	-7.82578561	2.76E-19	**
siR_187029	5.4947	0.01	-9.10189688	1.09E-45	**
siR_187085	1.8434	0.01	-7.52622535	8.37E-16	**
siR_187250	38.8886	0.01	-11.9251314	075360161904e	**
siR_187257	1.0635	0.01	-6.73267622	2.02E-09	**
siR_18726	0.01	2.9089	8.18432989	4.35E-25	**
siR_18731	0.01	1.3053	7.02823761	1.15E-11	**
siR_18732	0.01	1.3799	7.10841991	2.74E-12	**
siR_187385	3.0487	0.01	-8.25205038	1.14E-25	**
siR_187397	1.3471	0.01	-7.07371314	9.66E-12	**
siR_18749	1.3471	0.3729	-1.85299625	8.02E-05	**
siR_187529	4.7857	0.01	-8.90258614	6.91E-40	**
siR_187532	1.8079	0.01	-7.49817107	1.63E-15	**
siR_187553	4.1122	0.01	-8.68376664	2.25E-34	**
siR_187617	3.2968	0.01	-8.36492254	1.06E-27	**
siR_187660	8.8979	0.01	-9.79732106	1.52E-73	**
siR_187684	9.536	0.01	-9.89724045	9.08E-79	**
siR_187691	3.8995	0.01	-8.60714536	1.24E-32	**
siR_187697	2.1979	0.01	-7.77998195	1.05E-18	**
siR_187775	16.2715	0.01	-10.66813151	6.73E-134	**
siR_187780	7.4445	0.01	-9.5400311	1.20E-61	**
siR_187788	1.0635	0.01	-6.73267622	2.02E-09	**
siR_187870	16.3779	0.01	-10.67753464	9.07E-135	**
siR_18789	2.4815	1.268	-0.96865771	0.001006513	
siR_187903	26.1621	0.01	-11.35326268	7.48E-215	**
siR_187904	2.4815	0.01	-7.95506863	5.01E-21	**
siR_187917	1.2762	0.01	-6.99571063	3.67E-11	**
siR_187952	12.3366	0.01	-10.26872915	1.09E-101	**
siR_187987	9.6069	0.01	-9.90792717	2.39E-79	**
siR_187995	15.3853	0.01	-10.58733681	1.21E-126	**
siR_187998	5.1402	0.01	-9.00568068	8.67E-43	**
siR_188	0.01	1.3799	7.10841991	2.74E-12	**
siR_188030	3.3323	0.01	-8.38037447	5.44E-28	**
siR_188037	18.6821	0.01	-10.867441	1.25E-153	**
siR_188044	2.7296	0.01	-8.09254576	4.66E-23	**
siR_188060	3.1905	0.01	-8.31763871	7.88E-27	**
siR_188068	1.2407	0.01	-6.95501051	7.17E-11	**
siR_188079	1.2407	0.01	-6.95501051	7.17E-11	**
siR_188083	1.4889	0.01	-7.21810305	6.67E-13	**
siR_188119	1.5952	0.01	-7.31759351	8.99E-14	**
siR_188134	1.2407	0.01	-6.95501051	7.17E-11	**
siR_188159	33.7129	0.01	-11.71908483	1.17E-276	**
siR_188166	3.6868	0.01	-8.52622535	6.83E-31	**
siR_188212	1.2407	0.01	-6.95501051	7.17E-11	**
siR_188278	49.5236	0.01	-12.2739007	0	**
siR_188279	1.2407	0.01	-6.95501051	7.17E-11	**
siR_188310	2.0915	0.01	-7.70839418	7.79E-18	**

siR_188311	29.4235	0.01	-11.52275313	1.51E-241	**
siR_18832	1.2053	0.3729	-1.69253158	0.000467353	**
siR_18833	1.8079	2.0139	0.15567717	0.580398095	
siR_188337	1.6661	0.01	-7.38033118	2.36E-14	**
siR_188391	3.2614	0.01	-8.34934759	2.07E-27	**
siR_188393	1.1698	0.01	-6.87011809	2.73E-10	**
siR_18843	0.01	1.529	7.2564446	1.55E-13	**
siR_188461	3.6159	0.01	-8.49821097	2.60E-30	**
siR_188472	3.1905	0.01	-8.31763871	7.88E-27	**
siR_188475	1.1344	0.01	-6.82578563	5.32E-10	**
siR_188477	10.4577	0.01	-10.03034988	2.59E-86	**
siR_188482	9.8196	0.01	-9.93952048	4.33E-81	**
siR_188488	1.8434	0.01	-7.52622535	8.37E-16	**
siR_188542	2.8005	0.01	-8.12954063	1.23E-23	**
siR_188557	3.6868	0.01	-8.52622535	6.83E-31	**
siR_188561	52.4305	0.01	-12.35619043	0	**
siR_188578	1.2762	0.01	-6.99571063	3.67E-11	**
siR_18858	1.1344	0.1492	-2.92661	2.25E-06	**
siR_18859	5.4947	2.2376	-1.29608856	5.39E-10	**
siR_18861	1.1344	0.2984	-1.92661	0.000211792	**
siR_188619	1.4889	0.01	-7.21810305	6.67E-13	**
siR_188671	1.9143	0.01	-7.58067313	2.20E-16	**
siR_188696	1.7016	0.01	-7.41074813	1.21E-14	**
siR_188731	1.6661	0.01	-7.38033118	2.36E-14	**
siR_18877	1.028	0.2611	-1.9771659	0.000342937	**
siR_18879	1.2053	0.1119	-3.42911034	1.49E-07	**
siR_188811	1.2762	0.01	-6.99571063	3.67E-11	**
siR_188812	1.5598	0.01	-7.28521726	1.75E-13	**
siR_188836	47.0066	0.01	-12.19864751	0	**
siR_188887	3.0487	0.01	-8.25205038	1.14E-25	**
siR_188905	5.8492	0.01	-9.19209551	1.36E-48	**
siR_188927	1.0635	0.01	-6.73267622	2.02E-09	**
siR_188964	15.3498	0.01	-10.58400411	2.36E-126	**
siR_189074	1.2762	0.01	-6.99571063	3.67E-11	**
siR_189101	2.6587	0.01	-8.05457718	1.77E-22	**
siR_18912	2.127	0.7086	-1.58577666	7.89E-06	**
siR_18913	2.5878	0.7459	-1.79467199	7.17E-08	**
siR_18915	3.1196	2.1258	-0.55335519	0.023309324	
siR_189151	1.2407	0.01	-6.95501051	7.17E-11	**
siR_189154	2.0915	0.01	-7.70839418	7.79E-18	**
siR_189169	3.1196	0.01	-8.28521723	3.00E-26	**
siR_189235	1.6661	0.01	-7.38033118	2.36E-14	**
siR_189242	2.0206	0.01	-7.65863995	2.96E-17	**
siR_189249	1.3825	0.01	-7.11113566	4.95E-12	**
siR_189300	5.2111	0.01	-9.02544416	2.28E-43	**
siR_189308	57.8898	0.01	-12.49909348	0	**
siR_189309	55.4437	0.01	-12.43680817	0	**

siR_189312	2.4815	0.01	-7.95506863	5.01E-21	**
siR_189318	1.6307	0.01	-7.34934759	4.61E-14	**
siR_18933	0.01	1.1188	6.80580835	4.20E-10	**
siR_189428	1.0989	0.01	-6.7799163	1.04E-09	**
siR_189442	1.2053	0.01	-6.91324847	1.40E-10	**
siR_189457	1.3471	0.01	-7.07371314	9.66E-12	**
siR_1895	0.01	1.9393	7.59939219	5.69E-17	**
siR_189541	1.1698	0.01	-6.87011809	2.73E-10	**
siR_189543	1.8079	0.01	-7.49817107	1.63E-15	**
siR_189562	2.127	0.01	-7.73267621	3.99E-18	**
siR_18960	1.6307	2.163	0.40754227	0.15225934	
siR_189602	3.9704	0.01	-8.63314056	3.26E-33	**
siR_189728	9.6424	0.01	-9.91324847	1.22E-79	**
siR_189862	3.7577	0.01	-8.5537061	1.79E-31	**
siR_18990	0.8153	1.1188	0.45654924	0.254552852	
siR_189919	1.9497	0.01	-7.60710834	1.13E-16	**
siR_190033	2.5169	0.01	-7.97550407	2.57E-21	**
siR_190046	1.7725	0.01	-7.46964183	3.18E-15	**
siR_190057	1.2053	0.01	-6.91324847	1.40E-10	**
siR_190061	6.6646	0.01	-9.38037452	2.89E-55	**
siR_190062	2.2688	0.01	-7.82578561	2.76E-19	**
siR_190063	1.5952	0.01	-7.31759351	8.99E-14	**
siR_190064	1.028	0.01	-6.68369645	3.95E-09	**
siR_190091	1.2407	0.01	-6.95501051	7.17E-11	**
siR_190128	1.2053	0.01	-6.91324847	1.40E-10	**
siR_190149	5.6011	0.01	-9.12956637	1.46E-46	**
siR_190150	1.4534	0.01	-7.18328801	1.30E-12	**
siR_190186	6.0619	0.01	-9.24362624	2.48E-50	**
siR_190187	5.3884	0.01	-9.07371312	8.07E-45	**
siR_190188	1.6307	0.01	-7.34934759	4.61E-14	**
siR_190197	11.0604	0.01	-10.1111879	3.03E-91	**
siR_190198	1.6307	0.01	-7.34934759	4.61E-14	**
siR_190209	1.6307	0.01	-7.34934759	4.61E-14	**
siR_190210	1.4534	0.01	-7.18328801	1.30E-12	**
siR_190219	3.545	0.01	-8.4696418	9.89E-30	**
siR_190220	1.1698	0.01	-6.87011809	2.73E-10	**
siR_190221	1.0989	0.01	-6.7799163	1.04E-09	**
siR_190231	2.3042	0.01	-7.84812212	1.41E-19	**
siR_190240	1.3825	0.01	-7.11113566	4.95E-12	**
siR_190275	1.3825	0.01	-7.11113566	4.95E-12	**
siR_190296	1.9852	0.01	-7.63314056	5.78E-17	**
siR_190340	2.9778	0.01	-8.21810305	4.34E-25	**
siR_19036	0.01	3.0208	8.23878686	5.04E-26	**
siR_190385	1.2053	0.01	-6.91324847	1.40E-10	**
siR_190419	1.737	0.01	-7.44045394	6.21E-15	**
siR_190452	2.0561	0.01	-7.68376661	1.52E-17	**
siR_190455	6.381	0.01	-9.31763871	6.06E-53	**

siR_190505	4.2894	0.01	-8.74463204	7.97E-36	**
siR_190521	2.2333	0.01	-7.80303324	5.38E-19	**
siR_19056	12.7265	6.3773	-0.99681805	1.74E-14	
siR_190567	1.4534	0.01	-7.18328801	1.30E-12	**
siR_190579	1.5243	0.01	-7.25200305	3.42E-13	**
siR_19060	1.2762	0.9323	-0.45298827	0.230550336	
siR_19061	0.01	1.4545	7.18437949	6.51E-13	**
siR_19062	1.7016	0.4475	-1.92693235	5.01E-06	**
siR_190648	2.1979	0.01	-7.77998195	1.05E-18	**
siR_190674	9.8905	0.01	-9.94989969	1.14E-81	**
siR_190676	1.737	0.01	-7.44045394	6.21E-15	**
siR_190694	2.9778	0.01	-8.21810305	4.34E-25	**
siR_190699	19.7811	0.01	-10.94990682	1.27E-162	**
siR_190770	1.028	0.01	-6.68369645	3.95E-09	**
siR_190816	1.028	0.01	-6.68369645	3.95E-09	**
siR_190858	1.8788	0.01	-7.55366769	4.29E-16	**
siR_190877	1.2762	0.01	-6.99571063	3.67E-11	**
siR_190887	1.5598	0.01	-7.28521726	1.75E-13	**
siR_190928	1.1698	0.01	-6.87011809	2.73E-10	**
siR_19093	1.5952	0.3356	-2.24892269	1.10E-06	**
siR_19094	0.01	3.8413	8.58545083	6.83E-33	**
siR_190941	1.6307	0.01	-7.34934759	4.61E-14	**
siR_190943	1.0989	0.01	-6.7799163	1.04E-09	**
siR_19095	0.01	1.3426	7.06888574	5.63E-12	**
siR_190967	1.2053	0.01	-6.91324847	1.40E-10	**
siR_190969	109.9303	0.01	-13.42430196	0	**
siR_190982	12.8683	0.01	-10.32960581	4.82E-106	**
siR_19099	0.01	5.3703	9.06885887	1.08E-45	**
siR_190990	78.3089	0.01	-12.93496063	0	**
siR_191023	1.7016	0.01	-7.41074813	1.21E-14	**
siR_191038	1.5598	0.01	-7.28521726	1.75E-13	**
siR_191053	1.2053	0.01	-6.91324847	1.40E-10	**
siR_19107	0.01	2.7597	8.10836763	7.72E-24	**
siR_191074	2.0915	0.01	-7.70839418	7.79E-18	**
siR_191121	5.9201	0.01	-9.2094777	3.58E-49	**
siR_191139	1.1344	0.01	-6.82578563	5.32E-10	**
siR_191155	1.8788	0.01	-7.55366769	4.29E-16	**
siR_191159	1.2053	0.01	-6.91324847	1.40E-10	**
siR_191191	2.2333	0.01	-7.80303324	5.38E-19	**
siR_191192	1.418	0.01	-7.14771372	2.54E-12	**
siR_191198	1.6661	0.01	-7.38033118	2.36E-14	**
siR_19120	1.3116	0.7459	-0.81427367	0.04007629	
siR_191203	5.3175	0.01	-9.0546043	3.07E-44	**
siR_191237	1.4534	0.01	-7.18328801	1.30E-12	**
siR_191247	1.2407	0.01	-6.95501051	7.17E-11	**
siR_191250	26.3393	0.01	-11.36300133	2.65E-216	**
siR_191264	1.9852	0.01	-7.63314056	5.78E-17	**

siR_191282	6.5937	0.01	-9.36494442	1.10E-54	**
siR_191283	1.5243	0.01	-7.25200305	3.42E-13	**
siR_191303	3.2259	0.01	-8.33355791	4.04E-27	**
siR_191321	4.0413	0.01	-8.65867564	8.57E-34	**
siR_191335	2.836	0.01	-8.14771372	6.28E-24	**
siR_191353	1.3116	0.01	-7.035184	1.88E-11	**
siR_19136	4.254	2.3495	-0.85646627	9.88E-05	
siR_191362	2.5169	0.01	-7.97550407	2.57E-21	**
siR_191363	1.7016	0.01	-7.41074813	1.21E-14	**
siR_191384	12.4075	0.01	-10.2769968	2.85E-102	**
siR_191439	2.2333	0.01	-7.80303324	5.38E-19	**
siR_191446	1.1698	0.01	-6.87011809	2.73E-10	**
siR_19148	0.01	4.1023	8.68028919	4.46E-35	**
siR_19152	0.01	7.235	9.49884921	2.67E-61	**
siR_19159	1.4889	0.8205	-0.85967162	0.021777219	
siR_191638	1.737	0.01	-7.44045394	6.21E-15	**
siR_191646	6.7355	0.01	-9.39564121	7.60E-56	**
siR_191649	6.3101	0.01	-9.30151909	2.30E-52	**
siR_191713	3.3323	0.01	-8.38037447	5.44E-28	**
siR_191773	2.5524	0.01	-7.99571063	1.32E-21	**
siR_191786	1.4534	0.01	-7.18328801	1.30E-12	**
siR_191792	2.9778	0.01	-8.21810305	4.34E-25	**
siR_19180	1.737	1.3053	-0.41221633	0.198218358	
siR_19182	1.2053	0.8951	-0.42927151	0.267810892	
siR_191823	1.3471	0.01	-7.07371314	9.66E-12	**
siR_191830	1.4534	0.01	-7.18328801	1.30E-12	**
siR_191848	2.0561	0.01	-7.68376661	1.52E-17	**
siR_191859	3.6868	0.01	-8.52622535	6.83E-31	**
siR_191917	1.5598	0.01	-7.28521726	1.75E-13	**
siR_191935	2.836	0.01	-8.14771372	6.28E-24	**
siR_19195	1.028	0.8951	-0.19971949	0.622135026	
siR_19197	1.2053	0.8951	-0.42927151	0.267810892	
siR_191999	17.725	0.01	-10.7915699	8.54E-146	**
siR_192057	9.8196	0.01	-9.93952048	4.33E-81	**
siR_192059	2.1979	0.01	-7.77998195	1.05E-18	**
siR_192067	9.6424	0.01	-9.91324847	1.22E-79	**
siR_19207	0.01	6.3027	9.29982618	1.70E-53	**
siR_19208	0.01	2.9089	8.18432989	4.35E-25	**
siR_192102	23.8224	0.01	-11.218103	1.06E-195	**
siR_192213	1.6307	0.01	-7.34934759	4.61E-14	**
siR_19225	0.01	1.1188	6.80580835	4.20E-10	**
siR_192257	1.4534	0.01	-7.18328801	1.30E-12	**
siR_192279	1.1344	0.01	-6.82578563	5.32E-10	**
siR_192283	4.4312	0.01	-8.79155366	5.51E-37	**
siR_192302	1.8788	0.01	-7.55366769	4.29E-16	**
siR_1925	1.0989	0.3729	-1.5591994	0.001653799	**
siR_192502	6.9836	0.01	-9.44782715	7.07E-58	**

siR_192564	2. 1979	0. 01	-7. 77998195	1. 05E-18	**
siR_19257	0. 01	2. 4987	7. 96503389	1. 18E-21	**
siR_192614	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_192677	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_192688	1. 8434	0. 01	-7. 52622535	8. 37E-16	**
siR_192718	29. 5653	0. 01	-11. 52968941	1. 04E-242	**
siR_192778	3. 9704	0. 01	-8. 63314056	3. 26E-33	**
siR_192811	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_192820	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_192853	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_192970	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_19299	10. 954	5. 7433	-0. 93150596	1. 78E-11	
siR_19305	1. 028	0. 8951	-0. 19971949	0. 622135026	
siR_1934	0. 01	2. 4987	7. 96503389	1. 18E-21	**
siR_193475	4. 1831	0. 01	-8. 70842867	5. 92E-35	**
siR_19350	1. 3471	0. 8951	-0. 58973618	0. 116948474	
siR_193534	4. 4312	0. 01	-8. 79155366	5. 51E-37	**
siR_193551	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_193573	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_19367	1. 3116	0. 2238	-2. 55104587	2. 11E-06	**
siR_193689	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_19379	0. 01	1. 0815	6. 75688986	8. 62E-10	**
siR_193828	3. 3677	0. 01	-8. 39561983	2. 79E-28	**
siR_1939	1. 2053	0. 5221	-1. 20699422	0. 006557539	**
siR_19392	1. 3825	0. 1865	-2. 89003194	1. 90E-07	**
siR_193951	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_193983	32. 224	0. 01	-11. 6539199	1. 81E-264	**
siR_194	0. 01	24. 0918	11. 23432647	2. 09E-202	**
siR_1940	1. 8079	0. 3356	-2. 42950026	5. 31E-08	**
siR_194022	4. 6439	0. 01	-8. 85919308	1. 00E-38	**
siR_194028	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_194033	7. 2672	0. 01	-9. 5052558	3. 38E-60	**
siR_194034	3. 6513	0. 01	-8. 51226639	1. 33E-30	**
siR_194035	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_19412	0. 01	1. 3053	7. 02823761	1. 15E-11	**
siR_194248	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_194285	2. 5878	0. 01	-8. 0155823	6. 75E-22	**
siR_194299	1. 7016	0. 01	-7. 41074813	1. 21E-14	**
siR_194389	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_194462	5. 9201	0. 01	-9. 2094777	3. 58E-49	**
siR_194535	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_194549	3. 9704	0. 01	-8. 63314056	3. 26E-33	**
siR_194654	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_194688	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_194705	3. 6159	0. 01	-8. 49821097	2. 60E-30	**
siR_194744	1. 7725	0. 01	-7. 46964183	3. 18E-15	**
siR_194755	15. 9525	0. 01	-10. 6395668	2. 75E-131	**

siR_194756	5.0339	0.01	-8.97553276	6.43E-42	**
siR_194757	1.2407	0.01	-6.95501051	7.17E-11	**
siR_194766	8.2598	0.01	-9.689963	2.53E-68	**
siR_194767	6.7	0.01	-9.3880173	1.48E-55	**
siR_194768	6.3101	0.01	-9.30151909	2.30E-52	**
siR_194769	3.6868	0.01	-8.52622535	6.83E-31	**
siR_194770	3.2968	0.01	-8.36492254	1.06E-27	**
siR_194771	2.1624	0.01	-7.75648961	2.05E-18	**
siR_194772	1.8434	0.01	-7.52622535	8.37E-16	**
siR_194773	1.7725	0.01	-7.46964183	3.18E-15	**
siR_194774	1.1698	0.01	-6.87011809	2.73E-10	**
siR_194792	15.598	0.01	-10.60714542	2.19E-128	**
siR_194793	11.6276	0.01	-10.18333764	6.90E-96	**
siR_194794	1.418	0.01	-7.14771372	2.54E-12	**
siR_194795	1.0635	0.01	-6.73267622	2.02E-09	**
siR_19484	0.01	1.1934	6.89893387	9.98E-11	**
siR_19487	0.01	8.4657	9.72548555	1.33E-71	**
siR_194879	35.1309	0.01	-11.7785248	2.91E-288	**
siR_195	0.01	1.1561	6.85312238	2.05E-10	**
siR_19504	0.01	1.6409	7.35834351	1.79E-14	**
siR_195134	1.1698	0.01	-6.87011809	2.73E-10	**
siR_195135	4.3603	0.01	-8.76828358	2.10E-36	**
siR_195165	1.6661	0.01	-7.38033118	2.36E-14	**
siR_195227	3.7931	0.01	-8.56723361	9.20E-32	**
siR_195262	3.7931	0.01	-8.56723361	9.20E-32	**
siR_19537	0.01	4.9974	8.96503389	1.43E-42	**
siR_195376	3.7577	0.01	-8.5537061	1.79E-31	**
siR_195420	3.155	0.01	-8.3014962	1.54E-26	**
siR_195432	1.3825	0.01	-7.11113566	4.95E-12	**
siR_19551	1.5952	0.4102	-1.95933792	8.02E-06	**
siR_195533	1.2407	0.01	-6.95501051	7.17E-11	**
siR_195534	1.7725	0.01	-7.46964183	3.18E-15	**
siR_195813	1.5598	0.01	-7.28521726	1.75E-13	**
siR_195854	1.1698	0.01	-6.87011809	2.73E-10	**
siR_195901	5.0339	0.01	-8.97553276	6.43E-42	**
siR_196	0.01	1.0069	6.6537766	3.63E-09	**
siR_19606	0.01	3.3564	8.39077085	7.81E-29	**
siR_196264	1.0635	0.01	-6.73267622	2.02E-09	**
siR_196422	4.7857	0.01	-8.90258614	6.91E-40	**
siR_196446	2.5169	0.01	-7.97550407	2.57E-21	**
siR_196491	1.7725	0.01	-7.46964183	3.18E-15	**
siR_196518	2.3042	0.01	-7.84812212	1.41E-19	**
siR_196519	2.0915	0.01	-7.70839418	7.79E-18	**
siR_196545	2.4815	0.01	-7.95506863	5.01E-21	**
siR_196546	1.2762	0.01	-6.99571063	3.67E-11	**
siR_196583	2.3397	0.01	-7.87017976	7.25E-20	**
siR_196616	1.7725	0.01	-7.46964183	3.18E-15	**

siR_196617	1. 7725	0. 01	-7. 46964183	3. 18E-15	**
siR_196618	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_196619	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_196629	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_196678	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_19670	2. 6233	1. 0069	-1. 38146239	7. 21E-06	**
siR_196703	2. 5524	0. 01	-7. 99571063	1. 32E-21	**
siR_196853	6. 0974	0. 01	-9. 25205038	1. 27E-50	**
siR_196864	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_196910	8. 6498	0. 01	-9. 75652296	1. 63E-71	**
siR_196914	19. 2493	0. 01	-10. 9105903	2. 85E-158	**
siR_196915	7. 3381	0. 01	-9. 51926273	8. 87E-61	**
siR_196916	2. 2688	0. 01	-7. 82578561	2. 76E-19	**
siR_197049	5. 6365	0. 01	-9. 13865581	7. 51E-47	**
siR_197180	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_19723	1. 0989	0. 5221	-1. 07366204	0. 018227899	*
siR_19726	0. 01	2. 0885	7. 70632333	3. 21E-18	**
siR_197268	1. 7725	0. 01	-7. 46964183	3. 18E-15	**
siR_197439	3. 2259	0. 01	-8. 33355791	4. 04E-27	**
siR_197444	248. 0433	0. 01	-14. 59830586	0	**
siR_197455	11. 6985	0. 01	-10. 19210792	1. 81E-96	**
siR_19754	10. 5995	9. 4353	-0. 16785592	0. 173528055	
siR_19755	1. 4889	1. 8274	0. 2955456	0. 330437306	
siR_197597	10. 2805	0. 01	-10. 00569477	7. 33E-85	**
siR_19764	0. 01	1. 6036	7. 32517051	3. 67E-14	**
siR_197669	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_197747	2. 446	0. 01	-7. 93428061	9. 77E-21	**
siR_197787	2. 3397	0. 01	-7. 87017976	7. 25E-20	**
siR_197788	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_197789	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_197802	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_197814	11. 3794	0. 01	-10. 1522087	7. 41E-94	**
siR_197815	2. 8714	0. 01	-8. 16561052	3. 22E-24	**
siR_197839	1. 9497	0. 01	-7. 60710834	1. 13E-16	**
siR_197842	4. 9984	0. 01	-8. 96532255	1. 25E-41	**
siR_197843	3. 864	0. 01	-8. 59395129	2. 42E-32	**
siR_197844	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_197845	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_197884	11. 5212	0. 01	-10. 17007535	5. 12E-95	**
siR_197901	4. 7857	0. 01	-8. 90258614	6. 91E-40	**
siR_197905	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_197971	2. 9423	0. 01	-8. 20080054	8. 47E-25	**
siR_198058	2. 6233	0. 01	-8. 035239	3. 46E-22	**
siR_198231	3. 2259	0. 01	-8. 33355791	4. 04E-27	**
siR_198295	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_198331	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_198366	1. 2762	0. 01	-6. 99571063	3. 67E-11	**

siR_198580	3.3677	0.01	-8.39561983	2.79E-28	**
siR_198627	3.0132	0.01	-8.23515263	2.23E-25	**
siR_198639	1.028	0.01	-6.68369645	3.95E-09	**
siR_198690	5.6365	0.01	-9.13865581	7.51E-47	**
siR_198820	1.8079	0.01	-7.49817107	1.63E-15	**
siR_198834	1.5243	0.01	-7.25200305	3.42E-13	**
siR_198850	1.2762	0.01	-6.99571063	3.67E-11	**
siR_19886	0.01	1.1188	6.80580835	4.20E-10	**
siR_198884	3.155	0.01	-8.3014962	1.54E-26	**
siR_198929	1.8079	0.01	-7.49817107	1.63E-15	**
siR_198943	1.9852	0.01	-7.63314056	5.78E-17	**
siR_198990	1.6661	0.01	-7.38033118	2.36E-14	**
siR_198999	400.1945	0.01	-15.28841659	0	**
siR_199000	2.127	0.01	-7.73267621	3.99E-18	**
siR_19902	0.01	1.3426	7.06888574	5.63E-12	**
siR_199021	27.5092	0.01	-11.42569828	7.04E-226	**
siR_199044	9.7842	0.01	-9.93431004	8.45E-81	**
siR_199178	1.2762	0.01	-6.99571063	3.67E-11	**
siR_199180	1.9497	0.01	-7.60710834	1.13E-16	**
siR_199184	3.6159	0.01	-8.49821097	2.60E-30	**
siR_199283	1.5243	0.01	-7.25200305	3.42E-13	**
siR_199363	1.3825	0.01	-7.11113566	4.95E-12	**
siR_199401	1.0989	0.01	-6.7799163	1.04E-09	**
siR_199459	248.9296	0.01	-14.60345019	0	**
siR_199460	5.3884	0.01	-9.07371312	8.07E-45	**
siR_199490	1.3471	0.01	-7.07371314	9.66E-12	**
siR_199491	1.2762	0.01	-6.99571063	3.67E-11	**
siR_199540	8.4725	0.01	-9.72664389	4.60E-70	**
siR_199541	4.2894	0.01	-8.74463204	7.97E-36	**
siR_199542	2.5169	0.01	-7.97550407	2.57E-21	**
siR_199555	1.3825	0.01	-7.11113566	4.95E-12	**
siR_199673	3.2614	0.01	-8.34934759	2.07E-27	**
siR_199697	16.626	0.01	-10.69922536	8.44E-137	**
siR_199733	22.2626	0.01	-11.12040648	6.18E-183	**
siR_199756	1.8079	0.01	-7.49817107	1.63E-15	**
siR_199772	1.2762	0.01	-6.99571063	3.67E-11	**
siR_199782	2.9069	0.01	-8.18333764	1.65E-24	**
siR_199783	2.4106	0.01	-7.91324847	1.91E-20	**
siR_199787	1.2407	0.01	-6.95501051	7.17E-11	**
siR_199803	1.3825	0.01	-7.11113566	4.95E-12	**
siR_199806	4.0413	0.01	-8.65867564	8.57E-34	**
siR_199810	6.6646	0.01	-9.38037452	2.89E-55	**
siR_199829	1.3471	0.01	-7.07371314	9.66E-12	**
siR_199842	4.4312	0.01	-8.79155366	5.51E-37	**
siR_199875	1.028	0.01	-6.68369645	3.95E-09	**
siR_199880	4.7857	0.01	-8.90258614	6.91E-40	**
siR_200040	1.5598	0.01	-7.28521726	1.75E-13	**

siR_200095	4.0413	0.01	-8.65867564	8.57E-34	**
siR_200105	17.2996	0.01	-10.75652308	2.59E-142	**
siR_200117	1.0635	0.01	-6.73267622	2.02E-09	**
siR_200247	1.3825	0.01	-7.11113566	4.95E-12	**
siR_200288	1.0989	0.01	-6.7799163	1.04E-09	**
siR_20030	20.1356	4.4753	-2.16969216	6.64E-66	**
siR_20039	2.3042	1.3799	-0.73970223	0.011805198	
siR_20044	0.01	12.307	10.26526341	9.32E-104	**
siR_200459	7.1254	0.01	-9.47682718	4.89E-59	**
siR_200465	3.9704	0.01	-8.63314056	3.26E-33	**
siR_20051	2.9778	1.8274	-0.7044544	0.006013008	
siR_200543	19.2493	0.01	-10.9105903	2.85E-158	**
siR_200580	3.8995	0.01	-8.60714536	1.24E-32	**
siR_200598	1.3116	0.01	-7.035184	1.88E-11	**
siR_20061	11.3794	5.2957	-1.10353119	3.31E-15	**
siR_200618	1.9497	0.01	-7.60710834	1.13E-16	**
siR_200622	2.8005	0.01	-8.12954063	1.23E-23	**
siR_200652	43.8161	0.01	-12.09724543	0	**
siR_20069	1.3116	0.6713	-0.96629826	0.017699245	
siR_200768	1.5598	0.01	-7.28521726	1.75E-13	**
siR_200776	1.3116	0.01	-7.035184	1.88E-11	**
siR_200820	17.9731	0.01	-10.81162367	7.95E-148	**
siR_200834	1.8434	0.01	-7.52622535	8.37E-16	**
siR_20085	1.2762	0.5967	-1.09677676	0.009487354	**
siR_200860	1.1698	0.01	-6.87011809	2.73E-10	**
siR_200862	7.7635	0.01	-9.60056343	2.92E-64	**
siR_200868	2.6233	0.01	-8.035239	3.46E-22	**
siR_20088	0.01	1.0442	6.70625425	1.77E-09	**
siR_20094	0.01	5.4822	9.09861115	1.25E-46	**
siR_200953	2.3397	0.01	-7.87017976	7.25E-20	**
siR_20097	5.8847	3.6548	-0.68717641	0.000151387	
siR_201001	1.7725	0.01	-7.46964183	3.18E-15	**
siR_20104	2.3042	1.0442	-1.14186788	0.000292341	**
siR_201076	2.5524	0.01	-7.99571063	1.32E-21	**
siR_20108	1.8434	1.268	-0.53981441	0.089375721	
siR_20112	2.7296	1.7155	-0.67006043	0.011884399	
siR_201135	9.3942	0.01	-9.8756265	1.31E-77	**
siR_201141	1.028	0.01	-6.68369645	3.95E-09	**
siR_201145	2.0206	0.01	-7.65863995	2.96E-17	**
siR_20115	15.6689	9.3981	-0.73746288	4.45E-11	
siR_201201	4.254	0.01	-8.73267624	1.56E-35	**
siR_201203	13.1519	0.01	-10.36105555	2.30E-108	**
siR_201204	2.8714	0.01	-8.16561052	3.22E-24	**
siR_201223	1.1344	0.01	-6.82578563	5.32E-10	**
siR_20123	1.028	0.5594	-0.87788811	0.053501766	
siR_201275	2.9069	0.01	-8.18333764	1.65E-24	**
siR_201399	2.0561	0.01	-7.68376661	1.52E-17	**

siR_201404	218.7617	0.01	-14.41707385	0	**
siR_201405	4.3958	0.01	-8.77998192	1.07E-36	**
siR_201406	2.1979	0.01	-7.77998195	1.05E-18	**
siR_201430	2.5524	0.01	-7.99571063	1.32E-21	**
siR_201528	19.852	0.01	-10.9550686	3.33E-163	**
siR_20162	5.5302	2.7225	-1.02239961	2.57E-07	**
siR_201785	5.1757	0.01	-9.01561019	4.44E-43	**
siR_201789	1.2053	0.01	-6.91324847	1.40E-10	**
siR_201809	9.5715	0.01	-9.90260126	4.66E-79	**
siR_201814	1.0989	0.01	-6.7799163	1.04E-09	**
siR_201836	5.7429	0.01	-9.16563566	1.01E-47	**
siR_201864	1.028	0.01	-6.68369645	3.95E-09	**
siR_202047	29.069	0.01	-11.50526565	1.20E-238	**
siR_202086	1.2053	0.01	-6.91324847	1.40E-10	**
siR_202152	249.5322	0.01	-14.60693795	0	**
siR_202210	24.7795	0.01	-11.27493134	1.55E-203	**
siR_202269	2.5524	0.01	-7.99571063	1.32E-21	**
siR_202287	2.3751	0.01	-7.89184446	3.72E-20	**
siR_202302	1.2762	0.01	-6.99571063	3.67E-11	**
siR_202406	21.27	0.01	-11.05460446	8.23E-175	**
siR_202444	1.5952	0.01	-7.31759351	8.99E-14	**
siR_202465	1.0989	0.01	-6.7799163	1.04E-09	**
siR_202466	1.9497	0.01	-7.60710834	1.13E-16	**
siR_202501	2.8005	0.01	-8.12954063	1.23E-23	**
siR_202553	1.9143	0.01	-7.58067313	2.20E-16	**
siR_20267	6.9127	9.4726	0.45451115	0.000892945	**
siR_202698	2.9423	0.01	-8.20080054	8.47E-25	**
siR_202700	1.8434	0.01	-7.52622535	8.37E-16	**
siR_202731	1.8788	0.01	-7.55366769	4.29E-16	**
siR_202738	5.1757	0.01	-9.01561019	4.44E-43	**
siR_202853	1.1698	0.01	-6.87011809	2.73E-10	**
siR_202860	1.3825	0.01	-7.11113566	4.95E-12	**
siR_202865	2.446	0.01	-7.93428061	9.77E-21	**
siR_202881	1.0989	0.01	-6.7799163	1.04E-09	**
siR_202883	1.3471	0.01	-7.07371314	9.66E-12	**
siR_202897	1.2407	0.01	-6.95501051	7.17E-11	**
siR_202914	2.0206	0.01	-7.65863995	2.96E-17	**
siR_202953	5.1402	0.01	-9.00568068	8.67E-43	**
siR_202961	9.0043	0.01	-9.81447031	2.04E-74	**
siR_202985	2.0206	0.01	-7.65863995	2.96E-17	**
siR_20299	0.01	3.7294	8.54279973	5.90E-32	**
siR_203094	1.5952	0.01	-7.31759351	8.99E-14	**
siR_203146	1.5952	0.01	-7.31759351	8.99E-14	**
siR_203167	4.3249	0.01	-8.75652296	4.09E-36	**
siR_203216	1.0635	0.01	-6.73267622	2.02E-09	**
siR_203265	2.9423	0.01	-8.20080054	8.47E-25	**
siR_203266	2.1624	0.01	-7.75648961	2.05E-18	**

siR_20329	1. 5243	0. 8578	-0. 82943365	0. 024298572	
siR_203341	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_2034	1. 028	0. 3729	-1. 46297956	0. 003720663	**
siR_203426	6. 2746	0. 01	-9. 29337967	4. 50E-52	**
siR_203430	6. 4164	0. 01	-9. 3256203	3. 11E-53	**
siR_2036	0. 01	2. 6479	8. 04870483	6. 67E-23	**
siR_203692	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_203952	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_20399	4. 6085	5. 6314	0. 28919638	0. 093597106	
siR_203993	2. 0561	0. 01	-7. 68376661	1. 52E-17	**
siR_204059	2. 2688	0. 01	-7. 82578561	2. 76E-19	**
siR_20406	0. 01	16. 6331	10. 69984136	5. 71E-140	**
siR_204097	4. 254	0. 01	-8. 73267624	1. 56E-35	**
siR_20413	0. 01	11. 3746	10. 1516001	5. 94E-96	**
siR_20423	5. 6365	4. 2515	-0. 40682766	0. 021169734	
siR_204286	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_204325	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_20436	20. 7028	8. 6149	-1. 26491995	2. 12E-32	**
siR_204445	6. 2392	0. 01	-9. 28521723	8. 77E-52	**
siR_204454	3. 864	0. 01	-8. 59395129	2. 42E-32	**
siR_204502	5. 0693	0. 01	-8. 98564277	3. 30E-42	**
siR_204504	22. 0853	0. 01	-11. 1088706	1. 75E-181	**
siR_204537	2. 9423	0. 01	-8. 20080054	8. 47E-25	**
siR_204593	18. 7176	0. 01	-10. 87017982	6. 41E-154	**
siR_204617	9. 0752	0. 01	-9. 82578561	5. 37E-75	**
siR_20462	0. 01	7. 7198	9. 59241966	2. 33E-65	**
siR_204626	4. 6794	0. 01	-8. 87017976	5. 13E-39	**
siR_204634	2. 3042	0. 01	-7. 84812212	1. 41E-19	**
siR_20467	0. 01	2. 536	7. 98641094	5. 76E-22	**
siR_204687	2. 836	0. 01	-8. 14771372	6. 28E-24	**
siR_204760	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_204792	6. 6646	0. 01	-9. 38037452	2. 89E-55	**
siR_20483	0. 01	1. 6782	7. 39077085	8. 72E-15	**
siR_204850	1. 8434	0. 01	-7. 52622535	8. 37E-16	**
siR_204866	6. 4164	0. 01	-9. 3256203	3. 11E-53	**
siR_20487	2. 9778	3. 2073	0. 10711244	0. 627760419	
siR_204900	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_204933	8. 3662	0. 01	-9. 70842867	3. 42E-69	**
siR_204953	10. 245	0. 01	-10. 00070426	1. 43E-84	**
siR_204958	39. 2431	0. 01	-11. 93822311	285339593621e	**
siR_205089	2. 0561	0. 01	-7. 68376661	1. 52E-17	**
siR_205105	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_205172	1. 5952	0. 01	-7. 31759351	8. 99E-14	**
siR_205249	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_205267	3. 4032	0. 01	-8. 41074813	1. 43E-28	**
siR_20528	4. 4312	1. 6782	-1. 40078278	3. 40E-09	**
siR_205325	12. 0175	0. 01	-10. 23092113	4. 44E-99	**

siR_20534	5. 5302	3. 3564	-0. 720417	0. 000129462	
siR_205419	3. 4741	0. 01	-8. 44049549	3. 76E-29	**
siR_205461	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_205466	2. 3751	0. 01	-7. 89184446	3. 72E-20	**
siR_205704	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_205714	4. 6085	0. 01	-8. 84815347	1. 95E-38	**
siR_205719	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_205722	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_20579	0. 01	7. 8317	9. 61318169	2. 70E-66	**
siR_205990	5. 3175	0. 01	-9. 0546043	3. 07E-44	**
siR_206002	2. 7296	0. 01	-8. 09254576	4. 66E-23	**
siR_206101	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_206123	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_206124	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_206127	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_206174	1. 9852	0. 01	-7. 63314056	5. 78E-17	**
siR_206189	1. 7016	0. 01	-7. 41074813	1. 21E-14	**
siR_2062	0. 01	2. 4987	7. 96503389	1. 18E-21	**
siR_206217	1. 8434	0. 01	-7. 52622535	8. 37E-16	**
siR_206239	1. 7016	0. 01	-7. 41074813	1. 21E-14	**
siR_206266	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_206408	1. 9143	0. 01	-7. 58067313	2. 20E-16	**
siR_20641	1. 1698	0. 9323	-0. 32739572	0. 39733091	
siR_20650	8. 6143	2. 4241	-1. 82928435	1. 35E-23	**
siR_206527	4. 8566	0. 01	-8. 92380283	1. 82E-40	**
siR_206537	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_20661	1. 737	0. 7832	-1. 14914508	0. 001614857	**
siR_206624	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_206667	3. 1196	0. 01	-8. 28521723	3. 00E-26	**
siR_2068	14. 6408	4. 1396	-1. 82243111	8. 13E-39	**
siR_206837	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_206846	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_206869	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_2069	5. 2466	1. 6036	-1. 71006848	9. 67E-14	**
siR_206973	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_2070	1. 2053	0. 4475	-1. 42943269	0. 001965568	**
siR_207043	1. 6661	0. 01	-7. 38033118	2. 36E-14	**
siR_207058	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_20710	0. 8508	1. 0815	0. 34614173	0. 386002893	
siR_20711	1. 5952	1. 4545	-0. 13321402	0. 67732156	
siR_207242	4. 2894	0. 01	-8. 74463204	7. 97E-36	**
siR_207253	81. 8185	0. 01	-12. 99821193	0	**
siR_207261	113. 4399	0. 01	-13. 46964063	0	**
siR_207262	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_20733	0. 01	1. 4172	7. 14689956	1. 34E-12	**
siR_20734	0. 01	1. 268	6. 98641094	2. 37E-11	**
siR_207397	1. 8079	0. 01	-7. 49817107	1. 63E-15	**

siR_20740	0.01	2.4614	7.94333532	2.43E-21	**
siR_207404	1.1698	0.01	-6.87011809	2.73E-10	**
siR_207406	4.4667	0.01	-8.80306553	2.82E-37	**
siR_207407	1.028	0.01	-6.68369645	3.95E-09	**
siR_207428	5.1757	0.01	-9.01561019	4.44E-43	**
siR_20747	0.01	1.1188	6.80580835	4.20E-10	**
siR_207491	2.6233	0.01	-8.035239	3.46E-22	**
siR_207510	1.1344	0.01	-6.82578563	5.32E-10	**
siR_20754	0.01	1.4918	7.22091032	3.17E-13	**
siR_20755	0.01	1.4545	7.18437949	6.51E-13	**
siR_207581	1.4889	0.01	-7.21810305	6.67E-13	**
siR_20760	0.01	22.3763	11.12775579	4.79E-188	**
siR_20761	0.01	5.3703	9.06885887	1.08E-45	**
siR_20762	0.01	2.0885	7.70632333	3.21E-18	**
siR_20769	2.0915	1.4545	-0.5240147	0.077839011	
siR_207725	1.1698	0.01	-6.87011809	2.73E-10	**
siR_207777	1.3825	0.01	-7.11113566	4.95E-12	**
siR_20779	1.4889	0.7086	-1.07120349	0.005883379	**
siR_20781	0.8508	1.268	0.57566281	0.134054238	
siR_20784	3.864	2.8343	-0.44710262	0.037542216	
siR_20802	4.8921	3.5056	-0.48079251	0.012276902	
siR_208044	4.0413	0.01	-8.65867564	8.57E-34	**
siR_208045	3.3323	0.01	-8.38037447	5.44E-28	**
siR_208046	2.2688	0.01	-7.82578561	2.76E-19	**
siR_20818	2.8714	1.268	-1.17919957	3.26E-05	**
siR_208212	6.1683	0.01	-9.26872915	3.34E-51	**
siR_208300	1.1344	0.01	-6.82578563	5.32E-10	**
siR_208433	3.0841	0.01	-8.26870574	5.85E-26	**
siR_208621	1.418	0.01	-7.14771372	2.54E-12	**
siR_208623	9.5715	0.01	-9.90260126	4.66E-79	**
siR_208627	1.6661	0.01	-7.38033118	2.36E-14	**
siR_208700	5.8847	0.01	-9.20082503	6.99E-49	**
siR_208714	1.737	0.01	-7.44045394	6.21E-15	**
siR_208758	1.1698	0.01	-6.87011809	2.73E-10	**
siR_208802	18.1149	0.01	-10.822961	5.49E-149	**
siR_208827	1.8788	0.01	-7.55366769	4.29E-16	**
siR_208840	1.028	0.01	-6.68369645	3.95E-09	**
siR_209027	1.737	0.01	-7.44045394	6.21E-15	**
siR_20904	15.4562	7.4588	-1.05117022	1.05E-18	**
siR_209133	3.1196	0.01	-8.28521723	3.00E-26	**
siR_209145	1.3825	0.01	-7.11113566	4.95E-12	**
siR_209176	1.4534	0.01	-7.18328801	1.30E-12	**
siR_209224	5.2466	0.01	-9.03523897	1.17E-43	**
siR_209225	1.5598	0.01	-7.28521726	1.75E-13	**
siR_209226	1.0989	0.01	-6.7799163	1.04E-09	**
siR_209250	1.1698	0.01	-6.87011809	2.73E-10	**
siR_20935	1.5598	0.9323	-0.74249488	0.038356641	

siR_209369	1.1344	0.01	-6.82578563	5.32E-10	**
siR_20949	0.01	2.0512	7.68032436	6.59E-18	**
siR_209494	3.1196	0.01	-8.28521723	3.00E-26	**
siR_209532	18.6112	0.01	-10.86195527	4.76E-153	**
siR_209535	59.5559	0.01	-12.54002852	0	**
siR_209629	1.1698	0.01	-6.87011809	2.73E-10	**
siR_209636	10.5286	0.01	-10.04009789	6.82E-87	**
siR_20969	5.4593	5.1838	-0.07470592	0.660058918	
siR_209727	1.3471	0.01	-7.07371314	9.66E-12	**
siR_209740	2.0206	0.01	-7.65863995	2.96E-17	**
siR_209813	2.1624	0.01	-7.75648961	2.05E-18	**
siR_209814	11.344	0.01	-10.14771368	1.45E-93	**
siR_209834	1.0635	0.01	-6.73267622	2.02E-09	**
siR_209931	1.9852	0.01	-7.63314056	5.78E-17	**
siR_209958	1.7016	0.01	-7.41074813	1.21E-14	**
siR_20997	0.01	10.5915	10.04869121	2.14E-89	**
siR_21019	0.01	1.4918	7.22091032	3.17E-13	**
siR_210247	1.0989	0.01	-6.7799163	1.04E-09	**
siR_21030	0.01	1.0069	6.6537766	3.63E-09	**
siR_21032	4.0058	1.6036	-1.32077607	7.83E-08	**
siR_21033	60.3358	20.81	-1.53573731	1.35E-121	**
siR_21046	13.5419	5.6314	-1.26586464	9.13E-22	**
siR_210488	1.418	0.01	-7.14771372	2.54E-12	**
siR_21049	9.8905	3.431	-1.52741433	3.69E-21	**
siR_210547	1.3825	0.01	-7.11113566	4.95E-12	**
siR_210580	1.3116	0.01	-7.035184	1.88E-11	**
siR_21064	7.3027	4.5871	-0.67084761	3.56E-05	
siR_210645	1.5952	0.01	-7.31759351	8.99E-14	**
siR_21069	1.737	1.1934	-0.54152007	0.098359564	
siR_2107	1.4534	0.7086	-1.03638844	0.008088782	**
siR_210704	4.5021	0.01	-8.81445427	1.45E-37	**
siR_210712	1.418	0.01	-7.14771372	2.54E-12	**
siR_210717	13.7191	0.01	-10.4219701	5.24E-113	**
siR_21073	2.2688	0.9323	-1.28306327	8.18E-05	**
siR_210739	2.1979	0.01	-7.77998195	1.05E-18	**
siR_21078	16.9805	2.0885	-3.02333989	1.94E-80	**
siR_21079	1.9143	1.3053	-0.55243552	0.077017621	
siR_210926	1.6661	0.01	-7.38033118	2.36E-14	**
siR_210928	4.0058	0.01	-8.64594661	1.67E-33	**
siR_21095	0.01	1.0442	6.70625425	1.77E-09	**
siR_21105	1.4889	0.634	-1.23169211	0.002080356	**
siR_21106	3.4386	1.6409	-1.06733398	2.66E-05	**
siR_211079	1.7725	0.01	-7.46964183	3.18E-15	**
siR_21114	30.487	15.6634	-0.96079678	1.03E-30	
siR_211213	2.5169	0.01	-7.97550407	2.57E-21	**
siR_211309	1.9143	0.01	-7.58067313	2.20E-16	**
siR_21134	3.7577	1.1188	-1.74789773	1.67E-10	**

siR_211346	1.1698	0.01	-6.87011809	2.73E-10	**
siR_211453	1.0989	0.01	-6.7799163	1.04E-09	**
siR_211575	6.2392	0.01	-9.28521723	8.77E-52	**
siR_21158	0.01	1.6036	7.32517051	3.67E-14	**
siR_21162	5.8138	3.2819	-0.82495016	1.02E-05	
siR_21165	4.7857	3.7667	-0.34542883	0.068507129	
siR_21166	2.1979	1.5663	-0.48876518	0.089755353	
siR_211663	1.2053	0.01	-6.91324847	1.40E-10	**
siR_211666	1.8079	0.01	-7.49817107	1.63E-15	**
siR_211673	6.4164	0.01	-9.3256203	3.11E-53	**
siR_211728	8.1889	0.01	-9.6775259	9.64E-68	**
siR_211734	1.1698	0.01	-6.87011809	2.73E-10	**
siR_211865	1.2407	0.01	-6.95501051	7.17E-11	**
siR_211893	1.4889	0.01	-7.21810305	6.67E-13	**
siR_211895	1.3471	0.01	-7.07371314	9.66E-12	**
siR_212032	2.127	0.01	-7.73267621	3.99E-18	**
siR_212103	4.2894	0.01	-8.74463204	7.97E-36	**
siR_212108	1.4889	0.01	-7.21810305	6.67E-13	**
siR_212146	2.7651	0.01	-8.11118786	2.39E-23	**
siR_212248	1.8788	0.01	-7.55366769	4.29E-16	**
siR_212268	8.4725	0.01	-9.72664389	4.60E-70	**
siR_21247	1.5598	1.1188	-0.4794089	0.1615353	
siR_212625	6.1328	0.01	-9.26040207	6.51E-51	**
siR_212634	52.3596	0.01	-12.35423869	0	**
siR_212635	2.5524	0.01	-7.99571063	1.32E-21	**
siR_212640	3.6868	0.01	-8.52622535	6.83E-31	**
siR_212687	1.0635	0.01	-6.73267622	2.02E-09	**
siR_212703	2.7651	0.01	-8.11118786	2.39E-23	**
siR_212713	2.0561	0.01	-7.68376661	1.52E-17	**
siR_212786	2.5169	0.01	-7.97550407	2.57E-21	**
siR_212878	3.3323	0.01	-8.38037447	5.44E-28	**
siR_212936	1.5243	0.01	-7.25200305	3.42E-13	**
siR_212947	12.2302	0.01	-10.25623231	8.06E-101	**
siR_212989	2.3042	0.01	-7.84812212	1.41E-19	**
siR_21303	8.0826	2.3495	-1.78246568	1.65E-21	**
siR_213058	2.7296	0.01	-8.09254576	4.66E-23	**
siR_213065	1.2407	0.01	-6.95501051	7.17E-11	**
siR_213066	1.2407	0.01	-6.95501051	7.17E-11	**
siR_213159	1.1344	0.01	-6.82578563	5.32E-10	**
siR_213238	1.7725	0.01	-7.46964183	3.18E-15	**
siR_21324	1.2762	0.5221	-1.28945638	0.003202105	**
siR_213262	1.2053	0.01	-6.91324847	1.40E-10	**
siR_213273	1.1698	0.01	-6.87011809	2.73E-10	**
siR_213283	2.5524	0.01	-7.99571063	1.32E-21	**
siR_213318	1.1344	0.01	-6.82578563	5.32E-10	**
siR_213417	14.0382	0.01	-10.45514232	1.28E-115	**
siR_213465	1.6661	0.01	-7.38033118	2.36E-14	**

siR_213469	1.4534	0.01	-7.18328801	1.30E-12	**
siR_2135	1.1344	0.5221	-1.11953137	0.013060942	*
siR_213507	4.5376	0.01	-8.82578561	7.42E-38	**
siR_213508	1.2407	0.01	-6.95501051	7.17E-11	**
siR_213510	2.1979	0.01	-7.77998195	1.05E-18	**
siR_2136	11.0604	6.5637	-0.75282236	1.77E-08	
siR_213617	1.8079	0.01	-7.49817107	1.63E-15	**
siR_213655	1.2762	0.01	-6.99571063	3.67E-11	**
siR_213727	2.6942	0.01	-8.07371315	9.10E-23	**
siR_21374	0.01	1.5663	7.29121675	7.54E-14	**
siR_21375	8.4725	4.699	-0.85043396	4.43E-08	
siR_21377	1.3471	1.1561	-0.22059076	0.53282973	
siR_213810	1.8434	0.01	-7.52622535	8.37E-16	**
siR_213897	2.1979	0.01	-7.77998195	1.05E-18	**
siR_213972	47.6093	0.01	-12.21702767	0	**
siR_213989	2.5524	0.01	-7.99571063	1.32E-21	**
siR_213994	12.8683	0.01	-10.32960581	4.82E-106	**
siR_214016	4.9275	0.01	-8.94471205	4.77E-41	**
siR_214061	1.028	0.01	-6.68369645	3.95E-09	**
siR_214066	1.3471	0.01	-7.07371314	9.66E-12	**
siR_214108	1.737	0.01	-7.44045394	6.21E-15	**
siR_214152	1.3825	0.01	-7.11113566	4.95E-12	**
siR_214217	1.1344	0.01	-6.82578563	5.32E-10	**
siR_214260	1.9143	0.01	-7.58067313	2.20E-16	**
siR_214311	1.1344	0.01	-6.82578563	5.32E-10	**
siR_214416	1.6661	0.01	-7.38033118	2.36E-14	**
siR_214420	2.3042	0.01	-7.84812212	1.41E-19	**
siR_214434	4.1122	0.01	-8.68376664	2.25E-34	**
siR_214465	1.5952	0.01	-7.31759351	8.99E-14	**
siR_21455	2.2333	1.268	-0.81662232	0.00694745	
siR_21457	3.9349	1.1934	-1.72124929	9.84E-11	**
siR_21460	6.1683	2.3122	-1.41560674	1.96E-12	**
siR_214623	1.6661	0.01	-7.38033118	2.36E-14	**
siR_214667	5.4238	0.01	-9.08316017	4.14E-45	**
siR_214668	5.1757	0.01	-9.01561019	4.44E-43	**
siR_214688	3.0487	0.01	-8.25205038	1.14E-25	**
siR_214702	14.1091	0.01	-10.46241031	3.37E-116	**
siR_214712	31.4087	0.01	-11.61694862	8.52E-258	**
siR_214716	1.1698	0.01	-6.87011809	2.73E-10	**
siR_21473	1.5243	0.8205	-0.89357163	0.016425748	
siR_214738	2.6587	0.01	-8.05457718	1.77E-22	**
siR_214754	25.7012	0.01	-11.32761997	4.42E-211	**
siR_214816	2.3042	0.01	-7.84812212	1.41E-19	**
siR_214904	5.1048	0.01	-8.99571063	1.69E-42	**
siR_214905	3.0841	0.01	-8.26870574	5.85E-26	**
siR_214918	1.2762	0.01	-6.99571063	3.67E-11	**
siR_214925	3.5095	0.01	-8.45512172	1.93E-29	**

siR_21493	0.01	12.5307	10.29125129	1.25E-105	**
siR_21497	2.3042	0.1119	-4.363984	8.99E-16	**
siR_21506	1.2762	0.7832	-0.70440177	0.074231739	
siR_215086	2.6942	0.01	-8.07371315	9.10E-23	**
siR_215133	1.8788	0.01	-7.55366769	4.29E-16	**
siR_215135	1.2053	0.01	-6.91324847	1.40E-10	**
siR_21514	7.4445	6.3027	-0.24020496	0.107200414	
siR_215143	1.0635	0.01	-6.73267622	2.02E-09	**
siR_21516	1.6661	0.6713	-1.31144545	0.00061799	**
siR_21530	3.1905	1.1561	-1.46451634	2.25E-07	**
siR_215350	1.1344	0.01	-6.82578563	5.32E-10	**
siR_215377	1.1344	0.01	-6.82578563	5.32E-10	**
siR_215383	1.5952	0.01	-7.31759351	8.99E-14	**
siR_21543	1.3471	0.3729	-1.85299625	8.02E-05	**
siR_215447	2.9423	0.01	-8.20080054	8.47E-25	**
siR_215450	2.2333	0.01	-7.80303324	5.38E-19	**
siR_215460	2.6942	0.01	-8.07371315	9.10E-23	**
siR_215529	3.0841	0.01	-8.26870574	5.85E-26	**
siR_215595	1.9852	0.01	-7.63314056	5.78E-17	**
siR_215632	1.1344	0.01	-6.82578563	5.32E-10	**
siR_21565	4.6794	1.7155	-1.44769443	4.73E-10	**
siR_215727	1.028	0.01	-6.68369645	3.95E-09	**
siR_215767	1.7725	0.01	-7.46964183	3.18E-15	**
siR_21579	1.2053	1.3053	0.11498914	0.739698816	
siR_215827	1.1344	0.01	-6.82578563	5.32E-10	**
siR_21591	0.01	1.6409	7.35834351	1.79E-14	**
siR_215911	2.7651	0.01	-8.11118786	2.39E-23	**
siR_216	1.028	0.1119	-3.19955832	2.76E-06	**
siR_21610	3.1196	0.4848	-2.68589945	2.88E-14	**
siR_21611	7.5154	1.3799	-2.44528617	2.51E-29	**
siR_216113	2.5878	0.01	-8.0155823	6.75E-22	**
siR_21613	1.5243	0.2238	-2.76786493	8.43E-08	**
siR_21617	3.6868	0.2238	-4.04208721	2.20E-23	**
siR_216198	1.2762	0.01	-6.99571063	3.67E-11	**
siR_216259	4.6085	0.01	-8.84815347	1.95E-38	**
siR_216338	1.737	0.01	-7.44045394	6.21E-15	**
siR_216353	2.0561	0.01	-7.68376661	1.52E-17	**
siR_216578	5.6365	0.01	-9.13865581	7.51E-47	**
siR_216614	1.028	0.01	-6.68369645	3.95E-09	**
siR_216624	1.3825	0.01	-7.11113566	4.95E-12	**
siR_216631	2.3042	0.01	-7.84812212	1.41E-19	**
siR_216646	1.7016	0.01	-7.41074813	1.21E-14	**
siR_216656	2.2333	0.01	-7.80303324	5.38E-19	**
siR_21666	3.155	1.0069	-1.6477196	2.02E-08	**
siR_216660	64.3417	0.01	-12.65153836	0	**
siR_216661	39.8457	0.01	-11.96020838	0	**
siR_216662	5.3884	0.01	-9.07371312	8.07E-45	**

siR_216663	4.2185	0.01	-8.72058632	3.03E-35	**
siR_216664	3.7577	0.01	-8.5537061	1.79E-31	**
siR_216665	2.9778	0.01	-8.21810305	4.34E-25	**
siR_21668	4.2894	1.8647	-1.20183232	2.40E-07	**
siR_216697	2.4106	0.01	-7.91324847	1.91E-20	**
siR_216703	3.864	0.01	-8.59395129	2.42E-32	**
siR_216704	1.2053	0.01	-6.91324847	1.40E-10	**
siR_216715	130.3849	0.01	-13.67048914	0	**
siR_216716	53.5649	0.01	-12.38707236	0	**
siR_216717	9.5006	0.01	-9.89187482	1.77E-78	**
siR_216718	4.9275	0.01	-8.94471205	4.77E-41	**
siR_216719	2.7651	0.01	-8.11118786	2.39E-23	**
siR_216720	1.3825	0.01	-7.11113566	4.95E-12	**
siR_216736	3.6513	0.01	-8.51226639	1.33E-30	**
siR_216737	1.2762	0.01	-6.99571063	3.67E-11	**
siR_21674	0.01	1.2307	6.94333532	4.86E-11	**
siR_216745	3.7931	0.01	-8.56723361	9.20E-32	**
siR_216746	3.2259	0.01	-8.33355791	4.04E-27	**
siR_216747	1.3471	0.01	-7.07371314	9.66E-12	**
siR_216755	3.864	0.01	-8.59395129	2.42E-32	**
siR_216778	3.155	0.01	-8.3014962	1.54E-26	**
siR_216784	8.6498	0.01	-9.75652296	1.63E-71	**
siR_216785	4.4312	0.01	-8.79155366	5.51E-37	**
siR_216804	1.1698	0.01	-6.87011809	2.73E-10	**
siR_216837	1.3825	0.01	-7.11113566	4.95E-12	**
siR_2169	5.3175	1.0069	-2.40082772	9.31E-21	**
siR_216904	56.0464	0.01	-12.45240593	0	**
siR_21691	1.0989	0.1492	-2.88074067	3.93E-06	**
siR_216984	1.5598	0.01	-7.28521726	1.75E-13	**
siR_21700	0.01	1.2307	6.94333532	4.86E-11	**
siR_21703	0.01	1.6782	7.39077085	8.72E-15	**
siR_217086	4.963	0.01	-8.95506867	2.45E-41	**
siR_217108	1.418	0.01	-7.14771372	2.54E-12	**
siR_217164	3.4741	0.01	-8.44049549	3.76E-29	**
siR_217170	1.6661	0.01	-7.38033118	2.36E-14	**
siR_217171	2.0915	0.01	-7.70839418	7.79E-18	**
siR_217182	2.446	0.01	-7.93428061	9.77E-21	**
siR_217239	1.1344	0.01	-6.82578563	5.32E-10	**
siR_217245	5.3884	0.01	-9.07371312	8.07E-45	**
siR_217247	2.9778	0.01	-8.21810305	4.34E-25	**
siR_217255	25.134	0.01	-11.29542469	1.94E-206	**
siR_217256	14.1091	0.01	-10.46241031	3.37E-116	**
siR_217257	6.5937	0.01	-9.36494442	1.10E-54	**
siR_217258	4.1831	0.01	-8.70842867	5.92E-35	**
siR_217269	1.1698	0.01	-6.87011809	2.73E-10	**
siR_217270	2.127	0.01	-7.73267621	3.99E-18	**
siR_217274	40.0939	0.01	-11.96916704	0	**

siR_217275	15.5271	0.01	-10.60057261	8.34E-128	**
siR_217276	13.6482	0.01	-10.41449488	1.99E-112	**
siR_217277	3.4386	0.01	-8.42567749	7.34E-29	**
siR_217278	1.737	0.01	-7.44045394	6.21E-15	**
siR_217287	14.0736	0.01	-10.4587756	6.57E-116	**
siR_217288	11.8757	0.01	-10.21379688	6.42E-98	**
siR_217289	2.1979	0.01	-7.77998195	1.05E-18	**
siR_217296	10.5641	0.01	-10.0449541	3.50E-87	**
siR_217309	1.2407	0.01	-6.95501051	7.17E-11	**
siR_217310	77.3518	0.01	-12.91721886	0	**
siR_217311	14.0736	0.01	-10.4587756	6.57E-116	**
siR_217312	13.3646	0.01	-10.38420088	4.18E-110	**
siR_217313	5.0693	0.01	-8.98564277	3.30E-42	**
siR_217324	11.6985	0.01	-10.19210792	1.81E-96	**
siR_217348	14.2863	0.01	-10.48041661	1.19E-117	**
siR_217357	9.2524	0.01	-9.85368377	1.90E-76	**
siR_217358	6.7355	0.01	-9.39564121	7.60E-56	**
siR_217359	4.6439	0.01	-8.85919308	1.00E-38	**
siR_217364	216.741	0.01	-14.40368501	0	**
siR_217365	195.7546	0.01	-14.25675768	0	**
siR_217366	34.3865	0.01	-11.74762657	3.61E-282	**
siR_217367	13.9673	0.01	-10.44783742	4.88E-115	**
siR_217368	4.9275	0.01	-8.94471205	4.77E-41	**
siR_217369	2.836	0.01	-8.14771372	6.28E-24	**
siR_217370	2.3397	0.01	-7.87017976	7.25E-20	**
siR_217371	1.6661	0.01	-7.38033118	2.36E-14	**
siR_217372	1.3471	0.01	-7.07371314	9.66E-12	**
siR_217382	3.5804	0.01	-8.48397698	5.07E-30	**
siR_217391	4.5021	0.01	-8.81445427	1.45E-37	**
siR_217447	4.0413	0.01	-8.65867564	8.57E-34	**
siR_217458	15.8816	0.01	-10.6331405	1.05E-130	**
siR_217459	5.4593	0.01	-9.09257214	2.12E-45	**
siR_21746	5.9201	2.3122	-1.35635535	2.49E-11	**
siR_217477	16.4488	0.01	-10.68376659	2.38E-135	**
siR_217478	2.2333	0.01	-7.80303324	5.38E-19	**
siR_217479	1.028	0.01	-6.68369645	3.95E-09	**
siR_217508	14.889	0.01	-10.5400311	1.39E-122	**
siR_217509	7.8344	0.01	-9.61367902	7.69E-65	**
siR_217519	1.4889	0.01	-7.21810305	6.67E-13	**
siR_217537	4.9275	0.01	-8.94471205	4.77E-41	**
siR_217538	2.8005	0.01	-8.12954063	1.23E-23	**
siR_217547	1.2053	0.01	-6.91324847	1.40E-10	**
siR_217564	1.3116	0.01	-7.035184	1.88E-11	**
siR_217594	1.1698	0.01	-6.87011809	2.73E-10	**
siR_217596	1.5952	0.01	-7.31759351	8.99E-14	**
siR_217597	1.4534	0.01	-7.18328801	1.30E-12	**
siR_217619	2.8714	0.01	-8.16561052	3.22E-24	**

siR_217652	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_21766	17. 2641	8. 503	-1. 02173128	7. 61E-20	**
siR_217664	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_217665	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_217679	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_21772	0. 01	3. 3192	8. 37469175	1. 60E-28	**
siR_217765	2. 9423	0. 01	-8. 20080054	8. 47E-25	**
siR_217854	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_217870	1. 737	0. 01	-7. 44045394	6. 21E-15	**
siR_21795	4. 573	1. 8274	-1. 32334846	8. 89E-09	**
siR_217961	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_21797	14. 0027	14. 5446	0. 05477859	0. 594274615	
siR_21800	23. 7869	17. 9756	-0. 40412734	2. 40E-06	
siR_21801	2. 6233	0. 7832	-1. 74393013	1. 05E-07	**
siR_21805	8. 0826	5. 5941	-0. 53091341	0. 000418463	
siR_218078	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_218093	5. 4947	0. 01	-9. 10189688	1. 09E-45	**
siR_21816	0. 01	3. 6175	8. 49884921	5. 10E-31	**
siR_218179	2. 127	0. 01	-7. 73267621	3. 99E-18	**
siR_2182	5. 6011	1. 1934	-2. 2306325	4. 52E-20	**
siR_218205	37. 7542	0. 01	-11. 88242139	423656612904e	**
siR_218224	3. 0487	0. 01	-8. 25205038	1. 14E-25	**
siR_218225	2. 446	0. 01	-7. 93428061	9. 77E-21	**
siR_218243	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_21830	1. 2407	0. 8578	-0. 53244109	0. 170484507	
siR_218303	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_21832	1. 8079	0. 8205	-1. 13973964	0. 001387975	**
siR_218328	6. 8773	0. 01	-9. 42569848	5. 25E-57	**
siR_218329	6. 3455	0. 01	-9. 30959008	1. 18E-52	**
siR_218353	4. 4667	0. 01	-8. 80306553	2. 82E-37	**
siR_218422	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_218426	2. 1979	0. 01	-7. 77998195	1. 05E-18	**
siR_218452	2. 0915	0. 01	-7. 70839418	7. 79E-18	**
siR_218467	2. 8714	0. 01	-8. 16561052	3. 22E-24	**
siR_218468	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_218503	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_218506	4. 6085	0. 01	-8. 84815347	1. 95E-38	**
siR_218526	1. 9143	0. 01	-7. 58067313	2. 20E-16	**
siR_218537	2. 5169	0. 01	-7. 97550407	2. 57E-21	**
siR_218577	1. 7016	0. 01	-7. 41074813	1. 21E-14	**
siR_218578	1. 9852	0. 01	-7. 63314056	5. 78E-17	**
siR_218579	1. 7016	0. 01	-7. 41074813	1. 21E-14	**
siR_218587	1. 7725	0. 01	-7. 46964183	3. 18E-15	**
siR_218615	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_21869	48. 3892	23. 7562	-1. 026381	4. 61E-53	**
siR_21873	2. 5524	1. 529	-0. 73926603	0. 008044773	
siR_218731	1. 0635	0. 01	-6. 73267622	2. 02E-09	**

siR_21887	0.01	2.3495	7.87620996	2.10E-20	**
siR_218875	1.0635	0.01	-6.73267622	2.02E-09	**
siR_21899	0.01	1.9766	7.62687714	2.78E-17	**
siR_2190	0.01	1.0442	6.70625425	1.77E-09	**
siR_21903	0.01	4.699	8.87620996	4.51E-40	**
siR_219050	35.5563	0.01	-11.79588955	9.59E-292	**
siR_219051	3.545	0.01	-8.4696418	9.89E-30	**
siR_219070	7.5863	0.01	-9.56725266	8.26E-63	**
siR_219075	23.5742	0.01	-11.20299327	1.14E-193	**
siR_219076	1.0989	0.01	-6.7799163	1.04E-09	**
siR_21908	24.5668	8.9505	-1.45666977	6.73E-47	**
siR_219090	3.2968	0.01	-8.36492254	1.06E-27	**
siR_2191	2.0561	1.3426	-0.61488089	0.043498913	
siR_21910	0.01	4.6244	8.85312238	1.90E-39	**
siR_21911	0.01	1.0815	6.75688986	8.62E-10	**
siR_219121	1.2762	0.01	-6.99571063	3.67E-11	**
siR_219216	10.4932	0.01	-10.03523904	1.33E-86	**
siR_219257	13.4001	0.01	-10.38802803	2.14E-110	**
siR_219288	1.3116	0.01	-7.035184	1.88E-11	**
siR_21929	5.8847	2.9462	-0.9981135	1.87E-07	
siR_219322	1.028	0.01	-6.68369645	3.95E-09	**
siR_219326	3.6159	0.01	-8.49821097	2.60E-30	**
siR_219327	2.5878	0.01	-8.0155823	6.75E-22	**
siR_219335	4.254	0.01	-8.73267624	1.56E-35	**
siR_21934	1.1344	1.3799	0.28263428	0.417966702	
siR_219345	1.5952	0.01	-7.31759351	8.99E-14	**
siR_219476	1.2053	0.01	-6.91324847	1.40E-10	**
siR_219483	1.418	0.01	-7.14771372	2.54E-12	**
siR_21951	0.01	4.1769	8.70628879	1.06E-35	**
siR_219532	1.8788	0.01	-7.55366769	4.29E-16	**
siR_219535	2.2333	0.01	-7.80303324	5.38E-19	**
siR_219538	7.3381	0.01	-9.51926273	8.87E-61	**
siR_219583	3.8995	0.01	-8.60714536	1.24E-32	**
siR_219588	4.3603	0.01	-8.76828358	2.10E-36	**
siR_219653	1.8788	0.01	-7.55366769	4.29E-16	**
siR_219738	1.1344	0.01	-6.82578563	5.32E-10	**
siR_219749	7.0545	0.01	-9.46240003	1.86E-58	**
siR_219778	2.3042	0.01	-7.84812212	1.41E-19	**
siR_219787	3.3677	0.01	-8.39561983	2.79E-28	**
siR_219858	2.5169	0.01	-7.97550407	2.57E-21	**
siR_219876	1.028	0.01	-6.68369645	3.95E-09	**
siR_220082	1.1698	0.01	-6.87011809	2.73E-10	**
siR_22010	1.1344	0.5221	-1.11953137	0.013060942	*
siR_220252	7.7635	0.01	-9.60056343	2.92E-64	**
siR_220256	2.446	0.01	-7.93428061	9.77E-21	**
siR_220261	9.6069	0.01	-9.90792717	2.39E-79	**
siR_220266	4.3603	0.01	-8.76828358	2.10E-36	**

siR_220277	4.9984	0.01	-8.96532255	1.25E-41	**
siR_220278	2.5878	0.01	-8.0155823	6.75E-22	**
siR_220279	1.6307	0.01	-7.34934759	4.61E-14	**
siR_220292	4.5376	0.01	-8.82578561	7.42E-38	**
siR_220316	2.127	0.01	-7.73267621	3.99E-18	**
siR_220378	1.0989	0.01	-6.7799163	1.04E-09	**
siR_220389	2.6942	0.01	-8.07371315	9.10E-23	**
siR_220420	1.2407	0.01	-6.95501051	7.17E-11	**
siR_220436	1.0989	0.01	-6.7799163	1.04E-09	**
siR_220684	2.8714	0.01	-8.16561052	3.22E-24	**
siR_220714	1.028	0.01	-6.68369645	3.95E-09	**
siR_22080	1.028	0.7832	-0.39238759	0.347659208	
siR_220829	1.6307	0.01	-7.34934759	4.61E-14	**
siR_220920	5.7074	0.01	-9.15668986	1.97E-47	**
siR_221020	17.4414	0.01	-10.76830006	1.79E-143	**
siR_221022	2.8005	0.01	-8.12954063	1.23E-23	**
siR_22109	4.9275	3.0954	-0.67073002	0.000693883	
siR_221090	1.4534	0.01	-7.18328801	1.30E-12	**
siR_221095	1.3116	0.01	-7.035184	1.88E-11	**
siR_221103	1.3825	0.01	-7.11113566	4.95E-12	**
siR_22111	2.8714	1.0442	-1.45935626	9.80E-07	**
siR_221122	6.5582	0.01	-9.35715612	2.15E-54	**
siR_22117	1.2407	0.5967	-1.05607663	0.013149564	*
siR_221202	2.0561	0.01	-7.68376661	1.52E-17	**
siR_221239	2.4815	0.01	-7.95506863	5.01E-21	**
siR_221281	4.5021	0.01	-8.81445427	1.45E-37	**
siR_22144	0.01	1.2307	6.94333532	4.86E-11	**
siR_221593	1.3825	0.01	-7.11113566	4.95E-12	**
siR_221599	9.0043	0.01	-9.81447031	2.04E-74	**
siR_221600	1.2407	0.01	-6.95501051	7.17E-11	**
siR_221654	2.5169	0.01	-7.97550407	2.57E-21	**
siR_221766	2.8714	0.01	-8.16561052	3.22E-24	**
siR_221780	1.2053	0.01	-6.91324847	1.40E-10	**
siR_221797	1.7016	0.01	-7.41074813	1.21E-14	**
siR_221806	1.028	0.01	-6.68369645	3.95E-09	**
siR_221810	2.2333	0.01	-7.80303324	5.38E-19	**
siR_221820	1.5243	0.01	-7.25200305	3.42E-13	**
siR_221823	2.8714	0.01	-8.16561052	3.22E-24	**
siR_221828	1.7725	0.01	-7.46964183	3.18E-15	**
siR_221829	1.2407	0.01	-6.95501051	7.17E-11	**
siR_22183	1.028	0.1865	-2.46259273	4.21E-05	**
siR_22184	1.4534	0.3356	-2.11461719	7.80E-06	**
siR_221851	10.4223	0.01	-10.02545799	5.06E-86	**
siR_221947	3.0841	0.01	-8.26870574	5.85E-26	**
siR_221965	1.5598	0.01	-7.28521726	1.75E-13	**
siR_221982	1.2762	0.01	-6.99571063	3.67E-11	**
siR_222018	3.2614	0.01	-8.34934759	2.07E-27	**

siR_222026	4.4312	0.01	-8.79155366	5.51E-37	**
siR_222043	1.2762	0.01	-6.99571063	3.67E-11	**
siR_222094	42.7172	0.01	-12.06060162	0	**
siR_222104	1.8079	0.01	-7.49817107	1.63E-15	**
siR_222132	1.5598	0.01	-7.28521726	1.75E-13	**
siR_222163	4.0413	0.01	-8.65867564	8.57E-34	**
siR_222218	2.5524	0.01	-7.99571063	1.32E-21	**
siR_222255	1.7016	0.01	-7.41074813	1.21E-14	**
siR_222261	1.6661	0.01	-7.38033118	2.36E-14	**
siR_222280	1.0635	0.01	-6.73267622	2.02E-09	**
siR_222284	5.5656	0.01	-9.12039339	2.86E-46	**
siR_222323	1.028	0.01	-6.68369645	3.95E-09	**
siR_222340	3.0487	0.01	-8.25205038	1.14E-25	**
siR_222468	1.737	0.01	-7.44045394	6.21E-15	**
siR_222477	2.1979	0.01	-7.77998195	1.05E-18	**
siR_222525	1.0635	0.01	-6.73267622	2.02E-09	**
siR_222600	1.5243	0.01	-7.25200305	3.42E-13	**
siR_22261	1.0635	0.5221	-1.02642197	0.025238991	*
siR_222646	1.1698	0.01	-6.87011809	2.73E-10	**
siR_222675	1.1344	0.01	-6.82578563	5.32E-10	**
siR_222690	5.5656	0.01	-9.12039339	2.86E-46	**
siR_222694	1.4534	0.01	-7.18328801	1.30E-12	**
siR_222708	21.4118	0.01	-11.06419036	5.69E-176	**
siR_222750	5.8138	0.01	-9.18333764	2.66E-48	**
siR_222760	1.7725	0.01	-7.46964183	3.18E-15	**
siR_222782	149.9179	0.01	-13.8718845	0	**
siR_222783	1.3825	0.01	-7.11113566	4.95E-12	**
siR_222787	7.4445	0.01	-9.5400311	1.20E-61	**
siR_222823	1.8788	0.01	-7.55366769	4.29E-16	**
siR_222836	2.2688	0.01	-7.82578561	2.76E-19	**
siR_222846	2.3397	0.01	-7.87017976	7.25E-20	**
siR_22285	0.01	9.0624	9.82374936	1.35E-76	**
siR_222855	1.5952	0.01	-7.31759351	8.99E-14	**
siR_222858	8.508	0.01	-9.73267618	2.36E-70	**
siR_222865	1.6307	0.01	-7.34934759	4.61E-14	**
siR_2229	4.5376	2.9835	-0.60492366	0.002991419	
siR_22290	0.01	1.2307	6.94333532	4.86E-11	**
siR_222905	1.2053	0.01	-6.91324847	1.40E-10	**
siR_222913	2.7651	0.01	-8.11118786	2.39E-23	**
siR_222932	1.6307	0.01	-7.34934759	4.61E-14	**
siR_22294	0.01	6.601	9.36654079	5.41E-56	**
siR_222957	2.6233	0.01	-8.035239	3.46E-22	**
siR_222989	1.0635	0.01	-6.73267622	2.02E-09	**
siR_222998	1.2407	0.01	-6.95501051	7.17E-11	**
siR_223006	1.028	0.01	-6.68369645	3.95E-09	**
siR_223007	6.1328	0.01	-9.26040207	6.51E-51	**
siR_223010	2.3397	0.01	-7.87017976	7.25E-20	**

siR_223018	3.5804	0.01	-8.48397698	5.07E-30	**
siR_223038	3.3323	0.01	-8.38037447	5.44E-28	**
siR_223042	4.2185	0.01	-8.72058632	3.03E-35	**
siR_223054	1.2407	0.01	-6.95501051	7.17E-11	**
siR_223068	15.2789	0.01	-10.57732492	8.96E-126	**
siR_22307	0.9571	1.1934	0.31833611	0.399748725	
siR_223116	16.0943	0.01	-10.65233409	1.90E-132	**
siR_22313	0.01	1.9766	7.62687714	2.78E-17	**
siR_223131	1.3471	0.01	-7.07371314	9.66E-12	**
siR_223133	1.418	0.01	-7.14771372	2.54E-12	**
siR_223138	3.7577	0.01	-8.5537061	1.79E-31	**
siR_223153	9.1461	0.01	-9.83701288	1.41E-75	**
siR_223166	4.8566	0.01	-8.92380283	1.82E-40	**
siR_22322	5.2111	3.6548	-0.51179548	0.006200428	
siR_223268	2.7651	0.01	-8.11118786	2.39E-23	**
siR_223296	1.1698	0.01	-6.87011809	2.73E-10	**
siR_223321	2.7651	0.01	-8.11118786	2.39E-23	**
siR_223329	1.0635	0.01	-6.73267622	2.02E-09	**
siR_223333	1.2053	0.01	-6.91324847	1.40E-10	**
siR_223338	3.4386	0.01	-8.42567749	7.34E-29	**
siR_223343	16.7324	0.01	-10.70842867	1.14E-137	**
siR_223344	1.1698	0.01	-6.87011809	2.73E-10	**
siR_223358	1.2053	0.01	-6.91324847	1.40E-10	**
siR_223363	3.545	0.01	-8.4696418	9.89E-30	**
siR_22342	1.3471	0.5221	-1.36745889	0.001524084	**
siR_223475	10.635	0.01	-10.0546043	9.19E-88	**
siR_2236	0.01	1.1188	6.80580835	4.20E-10	**
siR_223630	5.8138	0.01	-9.18333764	2.66E-48	**
siR_223698	2.5878	0.01	-8.0155823	6.75E-22	**
siR_223706	1.2407	0.01	-6.95501051	7.17E-11	**
siR_223744	1.8434	0.01	-7.52622535	8.37E-16	**
siR_223783	1.0635	0.01	-6.73267622	2.02E-09	**
siR_223809	26.3039	0.01	-11.36106086	5.17E-216	**
siR_223844	1.9143	0.01	-7.58067313	2.20E-16	**
siR_223857	11.6276	0.01	-10.18333764	6.90E-96	**
siR_223865	1.737	0.01	-7.44045394	6.21E-15	**
siR_223941	11.663	0.01	-10.18772327	3.54E-96	**
siR_223961	7.7281	0.01	-9.59396997	5.71E-64	**
siR_223969	1.3471	0.01	-7.07371314	9.66E-12	**
siR_223972	5.6011	0.01	-9.12956637	1.46E-46	**
siR_224058	13.7546	0.01	-10.42569848	2.69E-113	**
siR_224066	14.7117	0.01	-10.52274825	3.94E-121	**
siR_224067	2.0915	0.01	-7.70839418	7.79E-18	**
siR_22408	19.8874	10.9644	-0.85902781	2.53E-17	
siR_224095	1.2762	0.01	-6.99571063	3.67E-11	**
siR_224097	1.5598	0.01	-7.28521726	1.75E-13	**
siR_224099	3.7222	0.01	-8.54001177	3.50E-31	**

siR_224144	1.0635	0.01	-6.73267622	2.02E-09	**
siR_224146	4.7503	0.01	-8.89187482	1.35E-39	**
siR_224150	1.6307	0.01	-7.34934759	4.61E-14	**
siR_224152	5.8492	0.01	-9.19209551	1.36E-48	**
siR_224166	7.409	0.01	-9.53313504	2.33E-61	**
siR_224188	5.1402	0.01	-9.00568068	8.67E-43	**
siR_22423	5.4947	3.5056	-0.64837933	0.000506673	
siR_224231	1.2407	0.01	-6.95501051	7.17E-11	**
siR_22428	1.8434	0.3729	-2.30550845	9.97E-08	**
siR_224318	6.5228	0.01	-9.34934754	4.18E-54	**
siR_224336	2.6942	0.01	-8.07371315	9.10E-23	**
siR_224358	1.0635	0.01	-6.73267622	2.02E-09	**
siR_22438	0.01	15.8499	10.63025802	2.05E-133	**
siR_224418	1.8788	0.01	-7.55366769	4.29E-16	**
siR_22444	6.7355	1.5663	-2.10442448	2.84E-22	**
siR_224495	10.245	0.01	-10.00070426	1.43E-84	**
siR_224585	1.2407	0.01	-6.95501051	7.17E-11	**
siR_224594	5.1402	0.01	-9.00568068	8.67E-43	**
siR_22467	1.6307	0.4848	-1.75002979	2.87E-05	**
siR_224702	15.5625	0.01	-10.60385808	4.28E-128	**
siR_224704	1.3825	0.01	-7.11113566	4.95E-12	**
siR_224730	1.0635	0.01	-6.73267622	2.02E-09	**
siR_224737	3.8995	0.01	-8.60714536	1.24E-32	**
siR_22480	1.6661	0.7086	-1.23343162	0.001096727	**
siR_224814	10.8122	0.01	-10.07844431	3.25E-89	**
siR_224821	2.4815	0.01	-7.95506863	5.01E-21	**
siR_224835	2.0206	0.01	-7.65863995	2.96E-17	**
siR_224841	1.5952	0.01	-7.31759351	8.99E-14	**
siR_22486	0.01	1.4545	7.18437949	6.51E-13	**
siR_224873	8.3307	0.01	-9.70229394	6.66E-69	**
siR_224907	2.2688	0.01	-7.82578561	2.76E-19	**
siR_22491	0.01	1.8274	7.51364865	4.92E-16	**
siR_224943	1.1698	0.01	-6.87011809	2.73E-10	**
siR_224953	8.2953	0.01	-9.69615036	1.30E-68	**
siR_224980	24.3187	0.01	-11.24785036	9.16E-200	**
siR_22505	11.9112	9.8829	-0.26931242	0.02288785	
siR_225051	1.6307	0.01	-7.34934759	4.61E-14	**
siR_225064	1.5598	0.01	-7.28521726	1.75E-13	**
siR_22507	2.0206	1.7901	-0.17474357	0.540169116	
siR_225133	1.6661	0.01	-7.38033118	2.36E-14	**
siR_225171	25.8785	0.01	-11.33753813	1.57E-212	**
siR_225196	9.9614	0.01	-9.96020464	2.99E-82	**
siR_225202	1.3471	0.01	-7.07371314	9.66E-12	**
siR_225231	1.5952	0.01	-7.31759351	8.99E-14	**
siR_225235	1.4889	0.01	-7.21810305	6.67E-13	**
siR_225271	1.2762	0.01	-6.99571063	3.67E-11	**
siR_225378	56.5427	0.01	-12.46512498	0	**

siR_225379	4.2185	0.01	-8.72058632	3.03E-35	**
siR_225387	19.8874	0.01	-10.95763907	1.71E-163	**
siR_225388	1.2407	0.01	-6.95501051	7.17E-11	**
siR_2254	3.3677	2.0512	-0.71529546	0.003048329	
siR_22541	0.01	2.0512	7.68032436	6.59E-18	**
siR_225410	5.9201	0.01	-9.2094777	3.58E-49	**
siR_225412	4.6794	0.01	-8.87017976	5.13E-39	**
siR_225453	1.6661	0.01	-7.38033118	2.36E-14	**
siR_225607	1.6307	0.01	-7.34934759	4.61E-14	**
siR_225670	1.1344	0.01	-6.82578563	5.32E-10	**
siR_225706	1.0989	0.01	-6.7799163	1.04E-09	**
siR_22571	0.01	1.3799	7.10841991	2.74E-12	**
siR_225712	2.0561	0.01	-7.68376661	1.52E-17	**
siR_225716	1.2762	0.01	-6.99571063	3.67E-11	**
siR_225814	1.1344	0.01	-6.82578563	5.32E-10	**
siR_225865	1.0635	0.01	-6.73267622	2.02E-09	**
siR_225897	1.028	0.01	-6.68369645	3.95E-09	**
siR_225909	2.5878	0.01	-8.0155823	6.75E-22	**
siR_225912	2.2688	0.01	-7.82578561	2.76E-19	**
siR_22595	0.01	1.3426	7.06888574	5.63E-12	**
siR_226043	1.3471	0.01	-7.07371314	9.66E-12	**
siR_22612	6.2392	5.333	-0.22641373	0.163756368	
siR_226168	20.6673	0.01	-11.01313433	7.05E-170	**
siR_226190	1.2407	0.01	-6.95501051	7.17E-11	**
siR_226196	2.4815	0.01	-7.95506863	5.01E-21	**
siR_226197	1.4534	0.01	-7.18328801	1.30E-12	**
siR_22625	20.9864	10.6288	-0.98147598	2.31E-22	
siR_226274	1.2053	0.01	-6.91324847	1.40E-10	**
siR_22629	0.01	15.2532	10.57489623	2.03E-128	**
siR_22635	1.5598	1.3799	-0.17679734	0.587407247	
siR_226413	2.3751	0.01	-7.89184446	3.72E-20	**
siR_22643	42.5754	5.5195	-2.9474106	4.32E-194	**
siR_226449	1.4889	0.01	-7.21810305	6.67E-13	**
siR_226474	1.2762	0.01	-6.99571063	3.67E-11	**
siR_22650	1.0635	0.9323	-0.18995386	0.633240136	
siR_226518	1.9852	0.01	-7.63314056	5.78E-17	**
siR_226522	1.1698	0.01	-6.87011809	2.73E-10	**
siR_226529	1.028	0.01	-6.68369645	3.95E-09	**
siR_226537	2.6233	0.01	-8.035239	3.46E-22	**
siR_226558	1.0989	0.01	-6.7799163	1.04E-09	**
siR_226560	2.4815	0.01	-7.95506863	5.01E-21	**
siR_226601	1.6661	0.01	-7.38033118	2.36E-14	**
siR_226618	1.5598	0.01	-7.28521726	1.75E-13	**
siR_22663	1.1698	0.4475	-1.38630231	0.002893159	**
siR_226651	5.8492	0.01	-9.19209551	1.36E-48	**
siR_226653	4.7148	0.01	-8.88105279	2.63E-39	**
siR_226667	1.5243	0.01	-7.25200305	3.42E-13	**

siR_226668	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_226686	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_226705	3. 6868	0. 01	-8. 52622535	6. 83E-31	**
siR_226721	3. 9349	0. 01	-8. 62018319	6. 36E-33	**
siR_22673	2. 2688	1. 4172	-0. 67888607	0. 020490203	
siR_226734	3. 6159	0. 01	-8. 49821097	2. 60E-30	**
siR_226752	2. 8005	0. 01	-8. 12954063	1. 23E-23	**
siR_226766	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_226772	7. 9408	0. 01	-9. 6331405	1. 04E-65	**
siR_226788	2. 5169	0. 01	-7. 97550407	2. 57E-21	**
siR_22679	3. 2968	1. 4918	-1. 14401224	1. 37E-05	**
siR_226795	2. 0561	0. 01	-7. 68376661	1. 52E-17	**
siR_22680	5. 282	6. 5637	0. 313425	0. 050727551	
siR_226812	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_226843	1. 5952	0. 01	-7. 31759351	8. 99E-14	**
siR_226864	1. 9143	0. 01	-7. 58067313	2. 20E-16	**
siR_226874	2. 2333	0. 01	-7. 80303324	5. 38E-19	**
siR_22690	1. 0635	1. 0069	-0. 07889962	0. 841808282	
siR_22709	1. 418	0. 7459	-0. 9268034	0. 017122488	
siR_227099	2. 0561	0. 01	-7. 68376661	1. 52E-17	**
siR_227107	4. 5021	0. 01	-8. 81445427	1. 45E-37	**
siR_227155	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_227174	1. 7725	0. 01	-7. 46964183	3. 18E-15	**
siR_227182	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_227202	8. 2244	0. 01	-9. 68376659	4. 94E-68	**
siR_22721	0. 01	1. 0069	6. 6537766	3. 63E-09	**
siR_22722	0. 01	17. 5281	10. 7754539	1. 84E-147	**
siR_22728	12. 4784	4. 3261	-1. 52829404	2. 59E-26	**
siR_227289	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_227293	2. 5524	0. 01	-7. 99571063	1. 32E-21	**
siR_227309	2. 836	0. 01	-8. 14771372	6. 28E-24	**
siR_227350	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_227396	2. 446	0. 01	-7. 93428061	9. 77E-21	**
siR_22740	0. 01	1. 3426	7. 06888574	5. 63E-12	**
siR_227406	3. 4032	0. 01	-8. 41074813	1. 43E-28	**
siR_227421	6. 3455	0. 01	-9. 30959008	1. 18E-52	**
siR_227432	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_22747	8. 0471	3. 2819	-1. 29393768	5. 91E-14	**
siR_227495	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_22750	0. 01	2. 6106	8. 02823761	1. 37E-22	**
siR_227537	2. 3751	0. 01	-7. 89184446	3. 72E-20	**
siR_227583	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_227591	3. 0841	0. 01	-8. 26870574	5. 85E-26	**
siR_22760	1. 418	0. 2611	-2. 44118317	1. 47E-06	**
siR_227638	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_227675	3. 6513	0. 01	-8. 51226639	1. 33E-30	**
siR_227704	3. 6159	0. 01	-8. 49821097	2. 60E-30	**

siR_227754	4.963	0.01	-8.95506867	2.45E-41	**
siR_227773	1.4889	0.01	-7.21810305	6.67E-13	**
siR_227779	1.3116	0.01	-7.035184	1.88E-11	**
siR_227797	2.3751	0.01	-7.89184446	3.72E-20	**
siR_227801	4.2185	0.01	-8.72058632	3.03E-35	**
siR_227825	2.4106	0.01	-7.91324847	1.91E-20	**
siR_227828	1.6307	0.01	-7.34934759	4.61E-14	**
siR_22783	1.3116	0.7459	-0.81427367	0.04007629	
siR_227834	1.6661	0.01	-7.38033118	2.36E-14	**
siR_22784	4.4667	2.0512	-1.12274119	5.93E-07	**
siR_227852	1.028	0.01	-6.68369645	3.95E-09	**
siR_227853	2.0915	0.01	-7.70839418	7.79E-18	**
siR_227880	26.8002	0.01	-11.38802822	4.48E-220	**
siR_227934	4.6794	0.01	-8.87017976	5.13E-39	**
siR_22797	13.1874	9.6218	-0.45478144	9.04E-05	
siR_227970	4.4667	0.01	-8.80306553	2.82E-37	**
siR_227974	1.9852	0.01	-7.63314056	5.78E-17	**
siR_22802	1.9143	1.6782	-0.18990228	0.518337304	
siR_228025	1.8079	0.01	-7.49817107	1.63E-15	**
siR_228026	2.446	0.01	-7.93428061	9.77E-21	**
siR_228047	1.5598	0.01	-7.28521726	1.75E-13	**
siR_228069	4.2894	0.01	-8.74463204	7.97E-36	**
siR_228085	6.5582	0.01	-9.35715612	2.15E-54	**
siR_22816	0.01	1.268	6.98641094	2.37E-11	**
siR_228164	1.0989	0.01	-6.7799163	1.04E-09	**
siR_22821	5.8847	3.7667	-0.64366774	0.000348898	
siR_228216	1.5243	0.01	-7.25200305	3.42E-13	**
siR_228238	5.5656	0.01	-9.12039339	2.86E-46	**
siR_228268	1.9143	0.01	-7.58067313	2.20E-16	**
siR_228295	1.4534	0.01	-7.18328801	1.30E-12	**
siR_228362	1.2053	0.01	-6.91324847	1.40E-10	**
siR_228527	10.7413	0.01	-10.06895291	1.24E-88	**
siR_228536	12.0884	0.01	-10.23940765	1.17E-99	**
siR_228575	1.1698	0.01	-6.87011809	2.73E-10	**
siR_228672	14.9244	0.01	-10.54345719	7.15E-123	**
siR_228698	1.028	0.01	-6.68369645	3.95E-09	**
siR_228708	1.1698	0.01	-6.87011809	2.73E-10	**
siR_22883	1.6661	0.5967	-1.48139731	0.000174482	**
siR_228891	4.3603	0.01	-8.76828358	2.10E-36	**
siR_228998	1.7016	0.01	-7.41074813	1.21E-14	**
siR_229006	2.9069	0.01	-8.18333764	1.65E-24	**
siR_229078	5.1757	0.01	-9.01561019	4.44E-43	**
siR_229086	14.7117	0.01	-10.52274825	3.94E-121	**
siR_229174	11.9112	0.01	-10.218103	3.29E-98	**
siR_229175	1.028	0.01	-6.68369645	3.95E-09	**
siR_229203	19.9583	0.01	-10.96277306	4.48E-164	**
siR_229219	3.0841	0.01	-8.26870574	5.85E-26	**

siR_229234	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_22942	33. 5357	20. 8473	-0. 68583717	1. 43E-19	
siR_229431	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_22945	4. 7148	4. 0277	-0. 22724034	0. 22490769	
siR_229510	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_229523	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_22954	0. 01	5. 1838	9. 01786625	3. 94E-44	**
siR_22961	0. 01	1. 1188	6. 80580835	4. 20E-10	**
siR_229701	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_229709	2. 446	0. 01	-7. 93428061	9. 77E-21	**
siR_229729	208. 3748	0. 01	-14. 34689464	0	**
siR_229756	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_22976	1. 6307	0. 5221	-1. 64309333	6. 28E-05	**
siR_229806	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_229942	2. 7296	0. 01	-8. 09254576	4. 66E-23	**
siR_22996	2. 7296	1. 1934	-1. 19361187	4. 34E-05	**
siR_229988	5. 6011	0. 01	-9. 12956637	1. 46E-46	**
siR_230015	2. 1624	0. 01	-7. 75648961	2. 05E-18	**
siR_23010	2. 9423	2. 6852	-0. 13191481	0. 573014237	
siR_230197	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_230198	2. 6233	0. 01	-8. 035239	3. 46E-22	**
siR_23021	6. 1683	3. 1327	-0. 97746632	1. 56E-07	
siR_230212	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_230245	1. 8788	0. 01	-7. 55366769	4. 29E-16	**
siR_230251	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_230265	1. 737	0. 01	-7. 44045394	6. 21E-15	**
siR_230439	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_230497	3. 7931	0. 01	-8. 56723361	9. 20E-32	**
siR_230549	2. 4106	0. 01	-7. 91324847	1. 91E-20	**
siR_230687	4. 5021	0. 01	-8. 81445427	1. 45E-37	**
siR_230727	1. 9497	0. 01	-7. 60710834	1. 13E-16	**
siR_230752	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_230783	8. 508	0. 01	-9. 73267618	2. 36E-70	**
siR_230816	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_230928	2. 0206	0. 01	-7. 65863995	2. 96E-17	**
siR_230947	9. 926	0. 01	-9. 9550686	5. 84E-82	**
siR_230970	4. 254	0. 01	-8. 73267624	1. 56E-35	**
siR_230975	2. 0561	0. 01	-7. 68376661	1. 52E-17	**
siR_231045	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_231047	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_231068	3. 9704	0. 01	-8. 63314056	3. 26E-33	**
siR_231114	2. 1979	0. 01	-7. 77998195	1. 05E-18	**
siR_231212	14. 7117	0. 01	-10. 52274825	3. 94E-121	**
siR_231216	2. 8005	0. 01	-8. 12954063	1. 23E-23	**
siR_231223	2. 5524	0. 01	-7. 99571063	1. 32E-21	**
siR_231242	4. 3249	0. 01	-8. 75652296	4. 09E-36	**
siR_231248	42. 2209	0. 01	-12. 04374175	0	**

siR_23131	41.6537	21.4813	-0.95536335	5.60E-41	
siR_231316	2.6942	0.01	-8.07371315	9.10E-23	**
siR_231346	1.418	0.01	-7.14771372	2.54E-12	**
siR_231347	2.6233	0.01	-8.035239	3.46E-22	**
siR_231414	1.3116	0.01	-7.035184	1.88E-11	**
siR_23146	1.3116	0.4475	-1.55136822	0.000594069	**
siR_231520	1.5952	0.01	-7.31759351	8.99E-14	**
siR_231529	25.0986	0.01	-11.29339117	3.79E-206	**
siR_231541	7.7281	0.01	-9.59396997	5.71E-64	**
siR_231568	23.7869	0.01	-11.21595143	2.06E-195	**
siR_231625	3.0841	0.01	-8.26870574	5.85E-26	**
siR_23164	1.2053	0.9323	-0.37052611	0.334212439	
siR_231642	2.0915	0.01	-7.70839418	7.79E-18	**
siR_231649	5.3529	0.01	-9.06417692	1.57E-44	**
siR_231664	43.9934	0.01	-12.10307154	0	**
siR_23169	3.0132	0.8578	-1.81258321	4.66E-09	**
siR_231732	2.2333	0.01	-7.80303324	5.38E-19	**
siR_231770	1.2762	0.01	-6.99571063	3.67E-11	**
siR_231774	1.2762	0.01	-6.99571063	3.67E-11	**
siR_231783	1.028	0.01	-6.68369645	3.95E-09	**
siR_231817	1.7016	0.01	-7.41074813	1.21E-14	**
siR_231823	2.2688	0.01	-7.82578561	2.76E-19	**
siR_231830	1.418	0.01	-7.14771372	2.54E-12	**
siR_231856	1.5243	0.01	-7.25200305	3.42E-13	**
siR_231909	1.6307	0.01	-7.34934759	4.61E-14	**
siR_231926	32.2595	0.01	-11.65550839	9.26E-265	**
siR_23194	0.01	8.8759	9.7937496	4.90E-75	**
siR_231967	1.418	0.01	-7.14771372	2.54E-12	**
siR_231974	4.7857	0.01	-8.90258614	6.91E-40	**
siR_232081	2.0915	0.01	-7.70839418	7.79E-18	**
siR_232088	1.5243	0.01	-7.25200305	3.42E-13	**
siR_232107	2.9069	0.01	-8.18333764	1.65E-24	**
siR_232135	8.6498	0.01	-9.75652296	1.63E-71	**
siR_23220	0.01	4.1023	8.68028919	4.46E-35	**
siR_23230	0.01	3.8786	8.59939219	3.33E-33	**
siR_232334	5.0693	0.01	-8.98564277	3.30E-42	**
siR_232528	1.1344	0.01	-6.82578563	5.32E-10	**
siR_232554	1.3116	0.01	-7.035184	1.88E-11	**
siR_23291	0.01	1.9766	7.62687714	2.78E-17	**
siR_23295	0.01	1.4918	7.22091032	3.17E-13	**
siR_232962	2.3042	0.01	-7.84812212	1.41E-19	**
siR_233004	1.3471	0.01	-7.07371314	9.66E-12	**
siR_233039	3.3323	0.01	-8.38037447	5.44E-28	**
siR_233093	2.127	0.01	-7.73267621	3.99E-18	**
siR_23314	2.7296	1.0069	-1.43876914	2.35E-06	**
siR_233280	11.5921	0.01	-10.17892617	1.35E-95	**
siR_233281	2.6587	0.01	-8.05457718	1.77E-22	**

siR_233282	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_233283	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_233284	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_233325	2. 6587	0. 01	-8. 05457718	1. 77E-22	**
siR_233537	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_233541	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_23361	1. 2053	0. 4848	-1. 31393068	0. 003684871	**
siR_233735	14. 4636	0. 01	-10. 49821097	4. 23E-119	**
siR_233736	2. 8005	0. 01	-8. 12954063	1. 23E-23	**
siR_233737	1. 5952	0. 01	-7. 31759351	8. 99E-14	**
siR_233738	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_233739	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_233765	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_233894	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_233962	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_233984	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_233997	1. 8788	0. 01	-7. 55366769	4. 29E-16	**
siR_234083	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_23418	1. 0635	0. 7086	-0. 58577666	0. 167596979	
siR_23422	1. 2053	0. 3356	-1. 84457766	0. 000205328	**
siR_234328	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_234375	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_234390	2. 1624	0. 01	-7. 75648961	2. 05E-18	**
siR_234391	1. 7725	0. 01	-7. 46964183	3. 18E-15	**
siR_234399	3. 864	0. 01	-8. 59395129	2. 42E-32	**
siR_23440	14. 9953	4. 7363	-1. 66267802	3. 83E-35	**
siR_234408	12. 1239	0. 01	-10. 24363814	5. 98E-100	**
siR_234421	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_234432	2. 1624	0. 01	-7. 75648961	2. 05E-18	**
siR_234448	2. 5524	0. 01	-7. 99571063	1. 32E-21	**
siR_234452	18. 6112	0. 01	-10. 86195527	4. 76E-153	**
siR_234465	21. 9435	0. 01	-11. 09957799	2. 53E-180	**
siR_234483	3. 1905	0. 01	-8. 31763871	7. 88E-27	**
siR_234493	1. 5952	0. 01	-7. 31759351	8. 99E-14	**
siR_2345	1. 4889	0. 6713	-1. 14921731	0. 003563263	**
siR_234513	2. 3751	0. 01	-7. 89184446	3. 72E-20	**
siR_234530	3. 0487	0. 01	-8. 25205038	1. 14E-25	**
siR_234573	5. 2111	0. 01	-9. 02544416	2. 28E-43	**
siR_234581	5. 4238	0. 01	-9. 08316017	4. 14E-45	**
siR_234594	11. 2376	0. 01	-10. 13411828	1. 07E-92	**
siR_234604	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_23461	1. 0989	0. 2238	-2. 29577817	4. 70E-05	**
siR_234682	6. 1683	0. 01	-9. 26872915	3. 34E-51	**
siR_234714	3. 8286	0. 01	-8. 58067313	4. 72E-32	**
siR_234716	3. 2968	0. 01	-8. 36492254	1. 06E-27	**
siR_234746	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_234788	1. 2407	0. 01	-6. 95501051	7. 17E-11	**

siR_234863	4. 5021	0. 01	-8. 81445427	1. 45E-37	**
siR_234864	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_234901	2. 446	0. 01	-7. 93428061	9. 77E-21	**
siR_234946	1. 5952	0. 01	-7. 31759351	8. 99E-14	**
siR_23497	0. 01	4. 1769	8. 70628879	1. 06E-35	**
siR_234975	2. 3042	0. 01	-7. 84812212	1. 41E-19	**
siR_234985	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_235020	4. 0058	0. 01	-8. 64594661	1. 67E-33	**
siR_235238	3. 1905	0. 01	-8. 31763871	7. 88E-27	**
siR_23531	0. 01	1. 6409	7. 35834351	1. 79E-14	**
siR_23534	0. 01	1. 3053	7. 02823761	1. 15E-11	**
siR_23540	0. 01	3. 6548	8. 51364865	2. 48E-31	**
siR_235401	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_235424	2. 0206	0. 01	-7. 65863995	2. 96E-17	**
siR_235426	5. 672	0. 01	-9. 14771376	3. 85E-47	**
siR_235460	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_235484	6. 4873	0. 01	-9. 34147438	8. 16E-54	**
siR_23549	62. 2147	14. 0225	-2. 14951192	1. 54E-197	**
siR_235512	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_23552	13. 0101	2. 3122	-2. 49229395	1. 05E-50	**
siR_235549	26. 552	0. 01	-11. 37460468	4. 81E-218	**
siR_235550	2. 2688	0. 01	-7. 82578561	2. 76E-19	**
siR_23558	1. 2762	0. 6713	-0. 92682489	0. 023898405	
siR_235603	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_235608	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_235627	1. 8434	0. 01	-7. 52622535	8. 37E-16	**
siR_235628	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_23567	0. 01	4. 2888	8. 74443023	1. 22E-36	**
siR_235674	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_235675	5. 5302	0. 01	-9. 11118782	5. 57E-46	**
siR_235695	2. 3042	0. 01	-7. 84812212	1. 41E-19	**
siR_235696	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_235701	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_235702	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_235713	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_235803	6. 0974	0. 01	-9. 25205038	1. 27E-50	**
siR_235822	3. 6159	0. 01	-8. 49821097	2. 60E-30	**
siR_235843	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_23585	52. 4305	13. 5377	-1. 95342365	1. 49E-147	**
siR_23586	1. 5952	0. 5594	-1. 51178516	0. 000194442	**
siR_235895	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_236027	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_23605	0. 01	21. 6304	11. 07884463	8. 40E-182	**
siR_23608	0. 01	126. 1651	13. 62302526	0	**
siR_23609	0. 01	2. 2749	7. 82965932	8. 83E-20	**
siR_23613	0. 01	20. 8473	11. 02564483	3. 02E-175	**
siR_236130	3. 5095	0. 01	-8. 45512172	1. 93E-29	**

siR_23619	0.01	3.9531	8.62684064	7.90E-34	**
siR_236204	2.3751	0.01	-7.89184446	3.72E-20	**
siR_236208	1.8434	0.01	-7.52622535	8.37E-16	**
siR_236231	1.9143	0.01	-7.58067313	2.20E-16	**
siR_236237	2.4106	0.01	-7.91324847	1.91E-20	**
siR_236253	1.8788	0.01	-7.55366769	4.29E-16	**
siR_236257	2.8714	0.01	-8.16561052	3.22E-24	**
siR_236271	1.3825	0.01	-7.11113566	4.95E-12	**
siR_236277	1.6307	0.01	-7.34934759	4.61E-14	**
siR_236279	4.254	0.01	-8.73267624	1.56E-35	**
siR_23628	0.01	12.9783	10.3418857	2.24E-109	**
siR_236287	1.4534	0.01	-7.18328801	1.30E-12	**
siR_23629	0.01	1.2307	6.94333532	4.86E-11	**
siR_236291	2.1979	0.01	-7.77998195	1.05E-18	**
siR_236308	2.9423	0.01	-8.20080054	8.47E-25	**
siR_236314	25.3822	0.01	-11.30960134	1.81E-208	**
siR_236321	1.0989	0.01	-6.7799163	1.04E-09	**
siR_236326	7.1609	0.01	-9.48399712	2.51E-59	**
siR_236385	1.5952	0.01	-7.31759351	8.99E-14	**
siR_2364	2.3397	1.5663	-0.57896299	0.041117203	
siR_236405	2.127	0.01	-7.73267621	3.99E-18	**
siR_23650	1.3116	0.2611	-2.32865344	6.82E-06	**
siR_23652	2.2333	0.5221	-2.096779	3.01E-08	**
siR_236520	1.0989	0.01	-6.7799163	1.04E-09	**
siR_236526	11.7694	0.01	-10.20082503	4.77E-97	**
siR_236528	1.3825	0.01	-7.11113566	4.95E-12	**
siR_236529	1.0989	0.01	-6.7799163	1.04E-09	**
siR_23653	1.0989	0.2238	-2.29577817	4.70E-05	**
siR_236535	2.4815	0.01	-7.95506863	5.01E-21	**
siR_236544	14.1091	0.01	-10.46241031	3.37E-116	**
siR_236568	8.0117	0.01	-9.64596464	2.72E-66	**
siR_236575	7.7635	0.01	-9.60056343	2.92E-64	**
siR_236587	4.8212	0.01	-8.91324847	3.54E-40	**
siR_236592	196.2864	0.01	-14.2606716	0	**
siR_236593	3.0841	0.01	-8.26870574	5.85E-26	**
siR_236594	1.0635	0.01	-6.73267622	2.02E-09	**
siR_236599	27.5801	0.01	-11.42941184	1.85E-226	**
siR_23663	2.5524	1.3426	-0.92682489	0.001302441	
siR_236716	1.5952	0.01	-7.31759351	8.99E-14	**
siR_236737	2.4106	0.01	-7.91324847	1.91E-20	**
siR_236839	1.1698	0.01	-6.87011809	2.73E-10	**
siR_236871	7.6926	0.01	-9.58732748	1.11E-63	**
siR_236874	11.1667	0.01	-10.12498721	4.08E-92	**
siR_236886	5.0693	0.01	-8.98564277	3.30E-42	**
siR_236919	1.3116	0.01	-7.035184	1.88E-11	**
siR_236954	4.1476	0.01	-8.69613295	1.15E-34	**
siR_236989	5.672	0.01	-9.14771376	3.85E-47	**

siR_237000	1.0635	0.01	-6.73267622	2.02E-09	**
siR_237013	1.737	0.01	-7.44045394	6.21E-15	**
siR_237039	20.3837	0.01	-10.99320014	1.48E-167	**
siR_23704	1.737	0.6713	-1.37156821	0.000295651	**
siR_237051	2.5524	0.01	-7.99571063	1.32E-21	**
siR_237070	1.4889	0.01	-7.21810305	6.67E-13	**
siR_237074	7.1254	0.01	-9.47682718	4.89E-59	**
siR_237088	1.7016	0.01	-7.41074813	1.21E-14	**
siR_237101	2.127	0.01	-7.73267621	3.99E-18	**
siR_237137	4.2894	0.01	-8.74463204	7.97E-36	**
siR_237150	4.4667	0.01	-8.80306553	2.82E-37	**
siR_237174	1.028	0.01	-6.68369645	3.95E-09	**
siR_237189	2.1624	0.01	-7.75648961	2.05E-18	**
siR_23720	1.3825	3.2819	1.2472518	3.04E-06	**
siR_237212	1.7016	0.01	-7.41074813	1.21E-14	**
siR_23722	6.2746	7.7944	0.31291448	0.033495957	
siR_237228	1.737	0.01	-7.44045394	6.21E-15	**
siR_23723	1.4889	1.4545	-0.03372356	0.919742455	
siR_23725	4.3249	1.3799	-1.64810306	4.70E-11	**
siR_237274	5.1402	0.01	-9.00568068	8.67E-43	**
siR_237308	3.864	0.01	-8.59395129	2.42E-32	**
siR_237339	2.5878	0.01	-8.0155823	6.75E-22	**
siR_237357	1.3825	0.01	-7.11113566	4.95E-12	**
siR_237377	1.1344	0.01	-6.82578563	5.32E-10	**
siR_237385	3.7931	0.01	-8.56723361	9.20E-32	**
siR_237398	1.5952	0.01	-7.31759351	8.99E-14	**
siR_237415	1.2053	0.01	-6.91324847	1.40E-10	**
siR_237459	7.1609	0.01	-9.48399712	2.51E-59	**
siR_237462	3.9704	0.01	-8.63314056	3.26E-33	**
siR_237501	1.028	0.01	-6.68369645	3.95E-09	**
siR_237512	1.3116	0.01	-7.035184	1.88E-11	**
siR_237535	3.8286	0.01	-8.58067313	4.72E-32	**
siR_237538	12.1593	0.01	-10.2478444	3.07E-100	**
siR_237544	5.4593	0.01	-9.09257214	2.12E-45	**
siR_237548	1.3471	0.01	-7.07371314	9.66E-12	**
siR_237554	1.8079	0.01	-7.49817107	1.63E-15	**
siR_237594	9.0397	0.01	-9.82013109	1.05E-74	**
siR_237641	4.3603	0.01	-8.76828358	2.10E-36	**
siR_237655	1.3825	0.01	-7.11113566	4.95E-12	**
siR_23768	1.9497	0.3729	-2.38639145	2.19E-08	**
siR_23769	1.2407	0.3356	-1.88633969	0.000130463	**
siR_23770	5.4593	0.8578	-2.67000276	8.33E-24	**
siR_23771	2.6942	0.4475	-2.58989736	4.61E-12	**
siR_237783	8.827	0.01	-9.78577943	5.77E-73	**
siR_237785	3.0132	0.01	-8.23515263	2.23E-25	**
siR_237803	2.3751	0.01	-7.89184446	3.72E-20	**
siR_237805	1.3116	0.01	-7.035184	1.88E-11	**

siR_23786	2.2333	1.268	-0.81662232	0.00694745	
siR_237868	1.5952	0.01	-7.31759351	8.99E-14	**
siR_237873	1.418	0.01	-7.14771372	2.54E-12	**
siR_23788	0.01	12.7918	10.32100357	8.15E-108	**
siR_237896	2.2333	0.01	-7.80303324	5.38E-19	**
siR_237901	1.028	0.01	-6.68369645	3.95E-09	**
siR_23792	13.6128	10.9271	-0.31705328	0.004504384	
siR_237970	5.0693	0.01	-8.98564277	3.30E-42	**
siR_237996	7.1609	0.01	-9.48399712	2.51E-59	**
siR_238001	2.0206	0.01	-7.65863995	2.96E-17	**
siR_238023	3.3677	0.01	-8.39561983	2.79E-28	**
siR_238029	4.0058	0.01	-8.64594661	1.67E-33	**
siR_238031	1.0989	0.01	-6.7799163	1.04E-09	**
siR_23807	19.3202	15.104	-0.35517936	0.000165011	
siR_238074	1.1698	0.01	-6.87011809	2.73E-10	**
siR_238108	9.1106	0.01	-9.83140232	2.75E-75	**
siR_23812	0.01	23.5697	11.20271768	4.91E-198	**
siR_23816	0.01	2.7597	8.10836763	7.72E-24	**
siR_238189	5.282	0.01	-9.04494046	5.99E-44	**
siR_238192	2.127	0.01	-7.73267621	3.99E-18	**
siR_238212	7.4445	0.01	-9.5400311	1.20E-61	**
siR_238220	28.3245	0.01	-11.46783496	1.49E-232	**
siR_238245	3.9704	0.01	-8.63314056	3.26E-33	**
siR_238254	2.5524	0.01	-7.99571063	1.32E-21	**
siR_238321	1.5952	0.01	-7.31759351	8.99E-14	**
siR_23835	0.01	3.3937	8.40671523	3.81E-29	**
siR_238434	15.1726	0.01	-10.56725266	6.65E-125	**
siR_23866	2.7651	1.0069	-1.45741125	1.60E-06	**
siR_23868	4.5376	4.5499	0.0039054	0.981326925	
siR_238729	2.0915	0.01	-7.70839418	7.79E-18	**
siR_23875	1.418	0.4475	-1.66389794	0.000170776	**
siR_238998	2.8714	0.01	-8.16561052	3.22E-24	**
siR_239014	1.2762	0.01	-6.99571063	3.67E-11	**
siR_239022	11.7694	0.01	-10.20082503	4.77E-97	**
siR_239026	11.8048	0.01	-10.20515795	2.44E-97	**
siR_239032	2.1979	0.01	-7.77998195	1.05E-18	**
siR_239034	2.9069	0.01	-8.18333764	1.65E-24	**
siR_239064	1.7725	0.01	-7.46964183	3.18E-15	**
siR_239118	1.0989	0.01	-6.7799163	1.04E-09	**
siR_239140	1.8079	0.01	-7.49817107	1.63E-15	**
siR_239185	2.7651	0.01	-8.11118786	2.39E-23	**
siR_239205	1.9852	0.01	-7.63314056	5.78E-17	**
siR_239227	1.028	0.01	-6.68369645	3.95E-09	**
siR_239276	5.3529	0.01	-9.06417692	1.57E-44	**
siR_239360	1.7016	0.01	-7.41074813	1.21E-14	**
siR_239406	1.3825	0.01	-7.11113566	4.95E-12	**
siR_239408	1.0635	0.01	-6.73267622	2.02E-09	**

siR_239424	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_239435	2. 9778	0. 01	-8. 21810305	4. 34E-25	**
siR_239488	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_239501	2. 0561	0. 01	-7. 68376661	1. 52E-17	**
siR_239536	6. 4873	0. 01	-9. 34147438	8. 16E-54	**
siR_239539	7. 3381	0. 01	-9. 51926273	8. 87E-61	**
siR_239543	2. 6587	0. 01	-8. 05457718	1. 77E-22	**
siR_239574	13. 1165	0. 01	-10. 3571671	4. 49E-108	**
siR_239579	2. 3751	0. 01	-7. 89184446	3. 72E-20	**
siR_239612	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_239614	4. 6439	0. 01	-8. 85919308	1. 00E-38	**
siR_239637	6. 3101	0. 01	-9. 30151909	2. 30E-52	**
siR_239700	3. 0841	0. 01	-8. 26870574	5. 85E-26	**
siR_239704	1. 8434	0. 01	-7. 52622535	8. 37E-16	**
siR_239731	7. 5508	0. 01	-9. 56048567	1. 61E-62	**
siR_239777	3. 8995	0. 01	-8. 60714536	1. 24E-32	**
siR_239783	2. 5169	0. 01	-7. 97550407	2. 57E-21	**
siR_239794	2. 0206	0. 01	-7. 65863995	2. 96E-17	**
siR_239834	3. 8286	0. 01	-8. 58067313	4. 72E-32	**
siR_239843	4. 1476	0. 01	-8. 69613295	1. 15E-34	**
siR_23985	9. 6424	2. 8343	-1. 76639981	4. 53E-25	**
siR_239871	2. 1624	0. 01	-7. 75648961	2. 05E-18	**
siR_239879	3. 4032	0. 01	-8. 41074813	1. 43E-28	**
siR_239902	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_239918	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_23999	166. 3666	35. 7648	-2. 21775355	0	**
siR_239996	1. 6661	0. 01	-7. 38033118	2. 36E-14	**
siR_24000	1. 7725	0. 1865	-3. 24853809	3. 71E-10	**
siR_240026	1. 7725	0. 01	-7. 46964183	3. 18E-15	**
siR_240041	5. 6365	0. 01	-9. 13865581	7. 51E-47	**
siR_240049	2. 9423	0. 01	-8. 20080054	8. 47E-25	**
siR_24006	1. 2407	0. 3729	-1. 73429361	0. 000303178	**
siR_24009	1. 2407	0. 3729	-1. 73429361	0. 000303178	**
siR_240190	1. 9497	0. 01	-7. 60710834	1. 13E-16	**
siR_240226	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_24023	0. 01	17. 7519	10. 79375773	2. 46E-149	**
siR_240246	2. 9423	0. 01	-8. 20080054	8. 47E-25	**
siR_24027	0. 01	6. 8248	9. 41464296	7. 24E-58	**
siR_24028	0. 01	1. 4918	7. 22091032	3. 17E-13	**
siR_240303	1. 7725	0. 01	-7. 46964183	3. 18E-15	**
siR_240316	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_24032	0. 01	3. 0954	8. 27398204	1. 20E-26	**
siR_240333	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_240334	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_240359	2. 1979	0. 01	-7. 77998195	1. 05E-18	**
siR_240361	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_240366	1. 2407	0. 01	-6. 95501051	7. 17E-11	**

siR_240382	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_240387	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_240428	9. 0397	0. 01	-9. 82013109	1. 05E-74	**
siR_240464	4. 254	0. 01	-8. 73267624	1. 56E-35	**
siR_240505	1. 7725	0. 01	-7. 46964183	3. 18E-15	**
siR_240518	1. 9497	0. 01	-7. 60710834	1. 13E-16	**
siR_24052	2. 6233	1. 268	-1. 04882806	0. 000304483	**
siR_240530	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_24056	4. 5376	1. 3426	-1. 75689989	1. 76E-12	**
siR_240585	4. 7503	0. 01	-8. 89187482	1. 35E-39	**
siR_240604	3. 1196	0. 01	-8. 28521723	3. 00E-26	**
siR_240650	2. 127	0. 01	-7. 73267621	3. 99E-18	**
siR_240688	2. 8005	0. 01	-8. 12954063	1. 23E-23	**
siR_24074	2. 127	0. 7832	-1. 44136736	3. 11E-05	**
siR_240889	17. 7959	0. 01	-10. 79732914	2. 24E-146	**
siR_240925	6. 1683	0. 01	-9. 26872915	3. 34E-51	**
siR_240926	5. 2466	0. 01	-9. 03523897	1. 17E-43	**
siR_24094	2. 0915	0. 9323	-1. 16567183	0. 000456163	**
siR_240972	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_240975	3. 3677	0. 01	-8. 39561983	2. 79E-28	**
siR_240982	6. 9482	0. 01	-9. 44049544	1. 38E-57	**
siR_24100	1. 8788	0. 7459	-1. 33275737	0. 000228382	**
siR_24101	3. 3323	1. 6782	-0. 98960363	0. 000101982	**
siR_241022	92. 3471	0. 01	-13. 17285099	0	**
siR_24103	1. 5598	1. 2307	-0. 34188193	0. 306763052	**
siR_241089	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_241180	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_241183	8. 7207	0. 01	-9. 76830018	4. 28E-72	**
siR_24125	0. 01	1. 0442	6. 70625425	1. 77E-09	**
siR_24126	1. 418	1. 3799	-0. 03929381	0. 908620659	**
siR_241276	12. 8683	0. 01	-10. 32960581	4. 82E-106	**
siR_241286	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_241310	5. 4238	0. 01	-9. 08316017	4. 14E-45	**
siR_241314	9. 6778	0. 01	-9. 9185353	6. 27E-80	**
siR_241333	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_241342	3. 3323	0. 01	-8. 38037447	5. 44E-28	**
siR_241346	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_241356	6. 2392	0. 01	-9. 28521723	8. 77E-52	**
siR_241378	3. 4386	0. 01	-8. 42567749	7. 34E-29	**
siR_241380	6. 0619	0. 01	-9. 24362624	2. 48E-50	**
siR_241411	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_241431	4. 1476	0. 01	-8. 69613295	1. 15E-34	**
siR_241476	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_241479	30. 6642	0. 01	-11. 58233954	1. 06E-251	**
siR_241494	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_24150	4. 4312	3. 8413	-0. 2061028	0. 284305855	**
siR_241672	1. 4889	0. 01	-7. 21810305	6. 67E-13	**

siR_241677	1.3825	0.01	-7.11113566	4.95E-12	**
siR_241710	455.3901	0.01	-15.47481498	0	**
siR_241711	1.5243	0.01	-7.25200305	3.42E-13	**
siR_241723	43.7098	0.01	-12.09374135	0	**
siR_24181	6.1328	1.3053	-2.23216448	7.39E-22	**
siR_241849	1.2762	0.01	-6.99571063	3.67E-11	**
siR_24188	2.4106	1.3053	-0.88501086	0.002658959	
siR_241895	9.3942	0.01	-9.8756265	1.31E-77	**
siR_241928	1.4889	0.01	-7.21810305	6.67E-13	**
siR_241954	5.8492	0.01	-9.19209551	1.36E-48	**
siR_241981	7.3027	0.01	-9.5122862	1.73E-60	**
siR_242029	23.2552	0.01	-11.18333747	4.64E-191	**
siR_242052	1.3825	0.01	-7.11113566	4.95E-12	**
siR_242064	2.2333	0.01	-7.80303324	5.38E-19	**
siR_242068	4.6794	0.01	-8.87017976	5.13E-39	**
siR_24207	1.6307	0.2611	-2.64281703	6.26E-08	**
siR_242137	1.4889	0.01	-7.21810305	6.67E-13	**
siR_24218	10.245	3.5056	-1.54718669	3.00E-22	**
siR_242211	2.8714	0.01	-8.16561052	3.22E-24	**
siR_242256	5.4593	0.01	-9.09257214	2.12E-45	**
siR_242288	2.3751	0.01	-7.89184446	3.72E-20	**
siR_242379	1.2762	0.01	-6.99571063	3.67E-11	**
siR_242485	1.7016	0.01	-7.41074813	1.21E-14	**
siR_24252	0.01	9.0624	9.82374936	1.35E-76	**
siR_242525	4.7148	0.01	-8.88105279	2.63E-39	**
siR_242528	1.0635	0.01	-6.73267622	2.02E-09	**
siR_242612	1.7725	0.01	-7.46964183	3.18E-15	**
siR_242614	1.0989	0.01	-6.7799163	1.04E-09	**
siR_242681	2.5524	0.01	-7.99571063	1.32E-21	**
siR_2427	0.01	1.4172	7.14689956	1.34E-12	**
siR_242754	1.3825	0.01	-7.11113566	4.95E-12	**
siR_242790	1.5952	0.01	-7.31759351	8.99E-14	**
siR_242824	1.8788	0.01	-7.55366769	4.29E-16	**
siR_242852	5.282	0.01	-9.04494046	5.99E-44	**
siR_242855	5.9201	0.01	-9.2094777	3.58E-49	**
siR_242974	19.9938	0.01	-10.96533712	2.30E-164	**
siR_242979	3.1196	0.01	-8.28521723	3.00E-26	**
siR_24303	4.9984	2.797	-0.8375861	3.42E-05	
siR_243031	1.6661	0.01	-7.38033118	2.36E-14	**
siR_24307	5.6365	1.6409	-1.78031227	2.04E-15	**
siR_243081	1.2053	0.01	-6.91324847	1.40E-10	**
siR_243111	2.1979	0.01	-7.77998195	1.05E-18	**
siR_243139	2.2333	0.01	-7.80303324	5.38E-19	**
siR_243148	4.9275	0.01	-8.94471205	4.77E-41	**
siR_24317	1.3825	1.2307	-0.16780035	0.627937326	
siR_24324	1.4889	1.4172	-0.07120349	0.82956068	
siR_24325	20.9864	10.666	-0.97643548	3.47E-22	

siR_243250	2.0206	0.01	-7.65863995	2.96E-17	**
siR_243257	3.3323	0.01	-8.38037447	5.44E-28	**
siR_243306	1.9497	0.01	-7.60710834	1.13E-16	**
siR_243309	2.2688	0.01	-7.82578561	2.76E-19	**
siR_243317	1.5243	0.01	-7.25200305	3.42E-13	**
siR_24333	0.01	1.7901	7.48389637	1.01E-15	**
siR_243377	2.4815	0.01	-7.95506863	5.01E-21	**
siR_243404	4.4667	0.01	-8.80306553	2.82E-37	**
siR_243446	3.5804	0.01	-8.48397698	5.07E-30	**
siR_243532	2.8005	0.01	-8.12954063	1.23E-23	**
siR_24354	1.2053	0.3729	-1.69253158	0.000467353	**
siR_243568	4.7148	0.01	-8.88105279	2.63E-39	**
siR_24367	0.01	29.2011	11.511807	3.56E-245	**
siR_243702	1.028	0.01	-6.68369645	3.95E-09	**
siR_24373	0.01	81.4871	12.99235597	0	**
siR_24374	0.01	7.1977	9.49139216	5.47E-61	**
siR_24375	0.01	1.0815	6.75688986	8.62E-10	**
siR_24380	0.01	28.94	11.49884921	5.46E-243	**
siR_24381	0.01	1.1188	6.80580835	4.20E-10	**
siR_24386	0.01	2.3495	7.87620996	2.10E-20	**
siR_243861	1.0635	0.01	-6.73267622	2.02E-09	**
siR_243869	4.1476	0.01	-8.69613295	1.15E-34	**
siR_24387	0.01	1.3426	7.06888574	5.63E-12	**
siR_24392	0.01	1.4172	7.14689956	1.34E-12	**
siR_24409	1.8079	0.8578	-1.07560166	0.002277255	**
siR_244121	1.5243	0.01	-7.25200305	3.42E-13	**
siR_244123	40.3066	0.01	-11.97680053	0	**
siR_24417	0.01	5.9297	9.21181531	2.25E-50	**
siR_244291	3.5095	0.01	-8.45512172	1.93E-29	**
siR_24439	0.01	4.7736	8.89893387	1.07E-40	**
siR_244392	1.5952	0.01	-7.31759351	8.99E-14	**
siR_24450	2.5169	0.5221	-2.26924983	6.19E-10	**
siR_24452	6.9482	7.5707	0.12378742	0.391278891	
siR_244527	2.4815	0.01	-7.95506863	5.01E-21	**
siR_244579	3.864	0.01	-8.59395129	2.42E-32	**
siR_244678	1.028	0.01	-6.68369645	3.95E-09	**
siR_244725	1.0989	0.01	-6.7799163	1.04E-09	**
siR_244740	7.3027	0.01	-9.5122862	1.73E-60	**
siR_244819	3.3677	0.01	-8.39561983	2.79E-28	**
siR_24485	2.2333	1.0815	-1.0461434	0.000895443	**
siR_244856	2.836	0.01	-8.14771372	6.28E-24	**
siR_24487	2.3042	0.8951	-1.36414517	3.16E-05	**
siR_244886	1.0635	0.01	-6.73267622	2.02E-09	**
siR_24497	1.5952	0.8951	-0.83361654	0.020601448	
siR_24511	0.01	3.9531	8.62684064	7.90E-34	**
siR_245136	2.6587	0.01	-8.05457718	1.77E-22	**
siR_245202	3.6868	0.01	-8.52622535	6.83E-31	**

siR_245208	5.2466	0.01	-9.03523897	1.17E-43	**
siR_245222	1.0635	0.01	-6.73267622	2.02E-09	**
siR_245226	1.2053	0.01	-6.91324847	1.40E-10	**
siR_245268	1.6307	0.01	-7.34934759	4.61E-14	**
siR_245321	1.5598	0.01	-7.28521726	1.75E-13	**
siR_24536	1.2053	0.4475	-1.42943269	0.001965568	**
siR_245368	1.2407	0.01	-6.95501051	7.17E-11	**
siR_245389	6.8418	0.01	-9.41823209	1.02E-56	**
siR_2454	18.9657	3.5429	-2.42038997	9.07E-71	**
siR_245414	2.6587	0.01	-8.05457718	1.77E-22	**
siR_245438	3.5095	0.01	-8.45512172	1.93E-29	**
siR_245466	3.3323	0.01	-8.38037447	5.44E-28	**
siR_245474	1.028	0.01	-6.68369645	3.95E-09	**
siR_245477	1.418	0.01	-7.14771372	2.54E-12	**
siR_24557	0.6381	1.1934	0.90322324	0.031509144	
siR_245648	1.7016	0.01	-7.41074813	1.21E-14	**
siR_245662	5.672	0.01	-9.14771376	3.85E-47	**
siR_245693	1.2053	0.01	-6.91324847	1.40E-10	**
siR_2457	83.3428	12.5307	-2.73359056	0	**
siR_245700	9.6778	0.01	-9.9185353	6.27E-80	**
siR_245702	1.3116	0.01	-7.035184	1.88E-11	**
siR_24573	0.01	2.4241	7.9213054	4.98E-21	**
siR_24574	0.8508	1.1934	0.48818574	0.210653598	
siR_245750	8.1535	0.01	-9.67127563	1.88E-67	**
siR_245754	1.2762	0.01	-6.99571063	3.67E-11	**
siR_245770	1.5243	0.01	-7.25200305	3.42E-13	**
siR_245775	3.4032	0.01	-8.41074813	1.43E-28	**
siR_245841	2.3042	0.01	-7.84812212	1.41E-19	**
siR_245857	2.5169	0.01	-7.97550407	2.57E-21	**
siR_2459	1.4889	0.1492	-3.31892742	7.40E-09	**
siR_245907	1.8788	0.01	-7.55366769	4.29E-16	**
siR_245929	21.0218	0.01	-11.03767036	8.85E-173	**
siR_245931	1.3471	0.01	-7.07371314	9.66E-12	**
siR_246	6.0265	2.2749	-1.40551724	4.57E-12	**
siR_2461	1.5598	0.2238	-2.80107912	4.88E-08	**
siR_246243	4.6439	0.01	-8.85919308	1.00E-38	**
siR_246267	1.2053	0.01	-6.91324847	1.40E-10	**
siR_246328	1.028	0.01	-6.68369645	3.95E-09	**
siR_246365	6.1328	0.01	-9.26040207	6.51E-51	**
siR_246395	5.282	0.01	-9.04494046	5.99E-44	**
siR_246405	1.028	0.01	-6.68369645	3.95E-09	**
siR_246504	2.1624	0.01	-7.75648961	2.05E-18	**
siR_246533	1.9852	0.01	-7.63314056	5.78E-17	**
siR_246551	5.8138	0.01	-9.18333764	2.66E-48	**
siR_246595	1.2407	0.01	-6.95501051	7.17E-11	**
siR_246700	1.3471	0.01	-7.07371314	9.66E-12	**
siR_246717	5.282	0.01	-9.04494046	5.99E-44	**

siR_246718	1.028	0.01	-6.68369645	3.95E-09	**
siR_2469	0.01	1.0069	6.6537766	3.63E-09	**
siR_246911	1.028	0.01	-6.68369645	3.95E-09	**
siR_24701	0.9571	1.0069	0.07317884	0.850192588	
siR_24702	1.6307	0.5221	-1.64309333	6.28E-05	**
siR_247033	9.7842	0.01	-9.93431004	8.45E-81	**
siR_247167	1.4534	0.01	-7.18328801	1.30E-12	**
siR_247231	1.028	0.01	-6.68369645	3.95E-09	**
siR_247262	1.4534	0.01	-7.18328801	1.30E-12	**
siR_247309	4.7148	0.01	-8.88105279	2.63E-39	**
siR_247313	1.9852	0.01	-7.63314056	5.78E-17	**
siR_247354	1.3825	0.01	-7.11113566	4.95E-12	**
siR_247355	6.5582	0.01	-9.35715612	2.15E-54	**
siR_247358	5.4238	0.01	-9.08316017	4.14E-45	**
siR_247369	2.1979	0.01	-7.77998195	1.05E-18	**
siR_247382	1.8434	0.01	-7.52622535	8.37E-16	**
siR_24755	4.8921	2.2003	-1.15275365	9.35E-08	**
siR_2476	1.0989	0.8205	-0.42148487	0.29881012	
siR_247653	4.573	0.01	-8.83699711	3.81E-38	**
siR_247676	1.3116	0.01	-7.035184	1.88E-11	**
siR_247681	6.8418	0.01	-9.41823209	1.02E-56	**
siR_247816	3.2968	0.01	-8.36492254	1.06E-27	**
siR_247853	1.737	0.01	-7.44045394	6.21E-15	**
siR_247861	1.1698	0.01	-6.87011809	2.73E-10	**
siR_247899	9.1815	0.01	-9.842586	7.24E-76	**
siR_247913	5.282	0.01	-9.04494046	5.99E-44	**
siR_247928	1.9497	0.01	-7.60710834	1.13E-16	**
siR_24806	4.3958	0.5221	-3.07372768	3.03E-22	**
siR_248152	5.7074	0.01	-9.15668986	1.97E-47	**
siR_248295	3.6159	0.01	-8.49821097	2.60E-30	**
siR_248333	28.4309	0.01	-11.47324399	2.01E-233	**
siR_248366	17.0514	0.01	-10.7356745	2.78E-140	**
siR_248371	13.0456	0.01	-10.34934754	1.71E-107	**
siR_248445	1.1698	0.01	-6.87011809	2.73E-10	**
siR_248457	11.4149	0.01	-10.15670246	3.80E-94	**
siR_248483	1.1698	0.01	-6.87011809	2.73E-10	**
siR_24849	0.01	1.4918	7.22091032	3.17E-13	**
siR_248491	3.2968	0.01	-8.36492254	1.06E-27	**
siR_248533	1.3471	0.01	-7.07371314	9.66E-12	**
siR_248571	1.3471	0.01	-7.07371314	9.66E-12	**
siR_248676	4.8212	0.01	-8.91324847	3.54E-40	**
siR_248689	6.2392	0.01	-9.28521723	8.77E-52	**
siR_248711	1.8788	0.01	-7.55366769	4.29E-16	**
siR_24872	1.5598	0.4102	-1.92696166	1.27E-05	**
siR_248762	2.4815	0.01	-7.95506863	5.01E-21	**
siR_248763	1.9852	0.01	-7.63314056	5.78E-17	**
siR_248772	5.1402	0.01	-9.00568068	8.67E-43	**

siR_248773	4.963	0.01	-8.95506867	2.45E-41	**
siR_248781	11.9466	0.01	-10.22238444	1.69E-98	**
siR_248782	11.0958	0.01	-10.11579799	1.55E-91	**
siR_248783	6.6646	0.01	-9.38037452	2.89E-55	**
siR_248784	6.5937	0.01	-9.36494442	1.10E-54	**
siR_248785	6.3101	0.01	-9.30151909	2.30E-52	**
siR_248786	2.1979	0.01	-7.77998195	1.05E-18	**
siR_248787	1.4889	0.01	-7.21810305	6.67E-13	**
siR_248788	1.3471	0.01	-7.07371314	9.66E-12	**
siR_248798	1.418	0.01	-7.14771372	2.54E-12	**
siR_248815	5.672	0.01	-9.14771376	3.85E-47	**
siR_248824	8.4016	0.01	-9.71452026	1.75E-69	**
siR_248825	5.1048	0.01	-8.99571063	1.69E-42	**
siR_248826	4.0058	0.01	-8.64594661	1.67E-33	**
siR_248827	2.127	0.01	-7.73267621	3.99E-18	**
siR_248828	1.8788	0.01	-7.55366769	4.29E-16	**
siR_248829	1.028	0.01	-6.68369645	3.95E-09	**
siR_248889	1.0635	0.01	-6.73267622	2.02E-09	**
siR_24890	2.0561	1.1188	-0.87795827	0.005908241	
siR_248989	3.3677	0.01	-8.39561983	2.79E-28	**
siR_249107	2.5878	0.01	-8.0155823	6.75E-22	**
siR_24911	2.2688	1.6409	-0.46744212	0.097892977	
siR_249178	65.5115	0.01	-12.67753205	0	**
siR_249221	1.3116	0.01	-7.035184	1.88E-11	**
siR_249250	4.1476	0.01	-8.69613295	1.15E-34	**
siR_249301	1.418	0.01	-7.14771372	2.54E-12	**
siR_249304	1.0635	0.01	-6.73267622	2.02E-09	**
siR_249325	1.6307	0.01	-7.34934759	4.61E-14	**
siR_249429	1.9852	0.01	-7.63314056	5.78E-17	**
siR_24946	2.5524	1.0069	-1.34193403	1.50E-05	**
siR_249490	1.1698	0.01	-6.87011809	2.73E-10	**
siR_24960	5.9556	8.0928	0.44239208	0.002746831	
siR_249679	3.1196	0.01	-8.28521723	3.00E-26	**
siR_249687	4.1831	0.01	-8.70842867	5.92E-35	**
siR_249709	1.3116	0.01	-7.035184	1.88E-11	**
siR_249803	7.6926	0.01	-9.58732748	1.11E-63	**
siR_249811	1.2407	0.01	-6.95501051	7.17E-11	**
siR_249848	1.3471	0.01	-7.07371314	9.66E-12	**
siR_2499	0.01	10.2558	10.00222432	1.38E-86	**
siR_249948	3.0132	0.01	-8.23515263	2.23E-25	**
siR_24995	1.028	0.4848	-1.08437866	0.021479092	*
siR_249971	1.0989	0.01	-6.7799163	1.04E-09	**
siR_25006	1.0989	0.1119	-3.29577817	8.66E-07	**
siR_25008	1.3471	0.3729	-1.85299625	8.02E-05	**
siR_25014	3.4386	2.8716	-0.2599665	0.239046441	
siR_250284	2.7296	0.01	-8.09254576	4.66E-23	**
siR_2503	0.01	13.3139	10.37871752	3.47E-112	**

siR_250312	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_25033	1. 8079	0. 9696	-0. 89885328	0. 008533461	
siR_250373	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_250394	2. 3042	0. 01	-7. 84812212	1. 41E-19	**
siR_2504	0. 01	3. 0208	8. 23878686	5. 04E-26	**
siR_250402	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_250457	3. 4741	0. 01	-8. 44049549	3. 76E-29	**
siR_250471	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_25049	1. 5598	0. 4848	-1. 68589945	6. 78E-05	**
siR_25051	0. 01	1. 1188	6. 80580835	4. 20E-10	**
siR_250525	3. 545	0. 01	-8. 4696418	9. 89E-30	**
siR_250590	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_250594	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_250610	2. 0915	0. 01	-7. 70839418	7. 79E-18	**
siR_250801	2. 2333	0. 01	-7. 80303324	5. 38E-19	**
siR_250817	4. 3958	0. 01	-8. 77998192	1. 07E-36	**
siR_250879	7. 3027	0. 01	-9. 5122862	1. 73E-60	**
siR_250900	24. 815	0. 01	-11. 27699662	7. 94E-204	**
siR_250992	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_251032	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_251034	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_251089	4. 9984	0. 01	-8. 96532255	1. 25E-41	**
siR_251106	1. 8788	0. 01	-7. 55366769	4. 29E-16	**
siR_251132	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_251185	6. 7355	0. 01	-9. 39564121	7. 60E-56	**
siR_251188	5. 0339	0. 01	-8. 97553276	6. 43E-42	**
siR_251191	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_251196	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_2512	0. 01	1. 7901	7. 48389637	1. 01E-15	**
siR_251209	2. 5524	0. 01	-7. 99571063	1. 32E-21	**
siR_25122	1. 2407	0. 4848	-1. 35569271	0. 002535804	**
siR_251307	2. 1979	0. 01	-7. 77998195	1. 05E-18	**
siR_251308	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_251387	2. 0206	0. 01	-7. 65863995	2. 96E-17	**
siR_251411	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_251438	4. 1476	0. 01	-8. 69613295	1. 15E-34	**
siR_251583	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_25161	6. 8064	2. 536	-1. 42433719	1. 09E-13	**
siR_251613	3. 3677	0. 01	-8. 39561983	2. 79E-28	**
siR_25163	1. 0635	0. 1492	-2. 83350059	6. 84E-06	**
siR_251643	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_251786	4. 1476	0. 01	-8. 69613295	1. 15E-34	**
siR_251787	2. 4815	0. 01	-7. 95506863	5. 01E-21	**
siR_251797	2. 9069	0. 01	-8. 18333764	1. 65E-24	**
siR_2518	0. 01	20. 9964	11. 03592627	1. 70E-176	**
siR_2519	0. 01	1. 3053	7. 02823761	1. 15E-11	**
siR_251937	1. 3116	0. 01	-7. 035184	1. 88E-11	**

siR_25202	6.8773	0.4102	-4.06744288	1.11E-42	**
siR_25203	1.9497	0.2611	-2.90057779	4.66E-10	**
siR_25209	1.028	0.634	-0.69728552	0.113380175	
siR_252126	1.9852	0.01	-7.63314056	5.78E-17	**
siR_25213	1.9143	0.634	-1.59426219	2.13E-05	**
siR_252132	2.446	0.01	-7.93428061	9.77E-21	**
siR_252475	280.3737	0.01	-14.77506274	0	**
siR_252476	2.9423	0.01	-8.20080054	8.47E-25	**
siR_252597	8.0826	0.01	-9.65867569	7.16E-67	**
siR_252656	1.9852	0.01	-7.63314056	5.78E-17	**
siR_25274	1.9143	0.7459	-1.35976281	0.000158111	**
siR_25275	4.7148	1.5663	-1.58983601	2.12E-11	**
siR_252793	1.8079	0.01	-7.49817107	1.63E-15	**
siR_25281	2.5169	0.634	-1.98909315	1.26E-08	**
siR_252986	11.5567	0.01	-10.17451381	2.63E-95	**
siR_2530	1.3116	0.5594	-1.22937565	0.003968625	**
siR_253570	2.3751	0.01	-7.89184446	3.72E-20	**
siR_253577	6.3101	0.01	-9.30151909	2.30E-52	**
siR_253680	2.3397	0.01	-7.87017976	7.25E-20	**
siR_253694	19.9583	0.01	-10.96277306	4.48E-164	**
siR_25371	1.4534	0.7086	-1.03638844	0.008088782	**
siR_253723	1.2762	0.01	-6.99571063	3.67E-11	**
siR_25385	1.2053	0.1865	-2.69214474	2.94E-06	**
siR_25388	6.3455	5.0347	-0.33382803	0.042045241	
siR_25392	125.5283	59.2227	-1.08379048	4.86E-147	**
siR_253927	7.4799	0.01	-9.54687514	6.13E-62	**
siR_253939	2.6942	0.01	-8.07371315	9.10E-23	**
siR_2540	1.0635	0.4102	-1.37442064	0.004842593	**
siR_25402	1.8079	1.0815	-0.74128122	0.025750103	
siR_25407	13.0101	3.9531	-1.7185757	4.31E-32	**
siR_254088	1.1344	0.01	-6.82578563	5.32E-10	**
siR_254164	2.1979	0.01	-7.77998195	1.05E-18	**
siR_254229	1.1344	0.01	-6.82578563	5.32E-10	**
siR_254230	1.028	0.01	-6.68369645	3.95E-09	**
siR_254265	1.1698	0.01	-6.87011809	2.73E-10	**
siR_254287	1.3116	0.01	-7.035184	1.88E-11	**
siR_254330	1.2762	0.01	-6.99571063	3.67E-11	**
siR_254423	2.0915	0.01	-7.70839418	7.79E-18	**
siR_254424	1.8434	0.01	-7.52622535	8.37E-16	**
siR_254425	1.3825	0.01	-7.11113566	4.95E-12	**
siR_254456	2.1624	0.01	-7.75648961	2.05E-18	**
siR_254465	1.4534	0.01	-7.18328801	1.30E-12	**
siR_254466	1.2053	0.01	-6.91324847	1.40E-10	**
siR_2546	0.01	2.536	7.98641094	5.76E-22	**
siR_254712	2.5524	0.01	-7.99571063	1.32E-21	**
siR_254986	1.3471	0.01	-7.07371314	9.66E-12	**
siR_255016	1.1344	0.01	-6.82578563	5.32E-10	**

siR_255094	2. 5169	0. 01	-7. 97550407	2. 57E-21	**
siR_255095	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_255131	2. 3397	0. 01	-7. 87017976	7. 25E-20	**
siR_255146	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_255156	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_255157	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_25523	0. 01	2. 1258	7. 73186206	1. 57E-18	**
siR_255292	3. 4386	0. 01	-8. 42567749	7. 34E-29	**
siR_255325	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_255342	2. 127	0. 01	-7. 73267621	3. 99E-18	**
siR_255370	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_25539	0. 01	1. 6782	7. 39077085	8. 72E-15	**
siR_25541	1. 8079	0. 8578	-1. 07560166	0. 002277255	**
siR_255441	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_255446	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_255469	4. 4312	0. 01	-8. 79155366	5. 51E-37	**
siR_25550	0. 01	2. 3122	7. 85312238	4. 30E-20	**
siR_25557	3. 2259	1. 4918	-1. 11264759	2. 59E-05	**
siR_25558	1. 8079	0. 3356	-2. 42950026	5. 31E-08	**
siR_255633	5. 282	0. 01	-9. 04494046	5. 99E-44	**
siR_255733	2. 3751	0. 01	-7. 89184446	3. 72E-20	**
siR_255816	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_25588	3. 2968	0. 5594	-2. 55911421	2. 68E-14	**
siR_2559	0. 01	1. 3053	7. 02823761	1. 15E-11	**
siR_255969	2. 6942	0. 01	-8. 07371315	9. 10E-23	**
siR_25600	0. 01	17. 1552	10. 74443023	2. 43E-144	**
siR_256008	3. 0487	0. 01	-8. 25205038	1. 14E-25	**
siR_256018	21. 4118	0. 01	-11. 06419036	5. 69E-176	**
siR_256019	3. 3677	0. 01	-8. 39561983	2. 79E-28	**
siR_256020	1. 6661	0. 01	-7. 38033118	2. 36E-14	**
siR_256021	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_256022	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_256035	1. 7016	0. 01	-7. 41074813	1. 21E-14	**
siR_256078	3. 5804	0. 01	-8. 48397698	5. 07E-30	**
siR_25608	0. 01	5. 706	9. 15633594	1. 68E-48	**
siR_25621	1. 8079	2. 3868	0. 4007628	0. 138652817	
siR_25627	32. 7912	7. 0112	-2. 2255754	1. 38E-109	**
siR_25630	10. 3514	2. 9835	-1. 79474822	2. 32E-27	**
siR_256365	9. 6778	0. 01	-9. 9185353	6. 27E-80	**
siR_256366	7. 5508	0. 01	-9. 56048567	1. 61E-62	**
siR_25637	7. 3027	2. 3495	-1. 6360762	1. 58E-17	**
siR_256373	8. 2598	0. 01	-9. 689963	2. 53E-68	**
siR_256374	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_256479	9. 2524	0. 01	-9. 85368377	1. 90E-76	**
siR_256502	72. 9206	0. 01	-12. 83211029	0	**
siR_256512	34. 8119	0. 01	-11. 76536481	1. 19E-285	**
siR_256513	1. 5598	0. 01	-7. 28521726	1. 75E-13	**

siR_256540	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_256604	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_256667	0. 01	5. 4076	9. 07884463	5. 28E-46	**
siR_256710	4. 1122	0. 01	-8. 68376664	2. 25E-34	**
siR_256711	9. 3942	0. 01	-9. 8756265	1. 31E-77	**
siR_25674	1. 7016	0. 7832	-1. 11943927	0. 00224762	**
siR_25676	3. 5804	2. 0139	-0. 83012873	0. 000509193	
siR_25680	2. 7651	1. 6409	-0. 75284434	0. 005049463	
siR_25686	2. 7296	1. 0069	-1. 43876914	2. 35E-06	**
siR_25689	0. 01	2. 2376	7. 80580835	1. 81E-19	**
siR_257038	7. 409	0. 01	-9. 53313504	2. 33E-61	**
siR_25704	0. 01	1. 3053	7. 02823761	1. 15E-11	**
siR_257066	2. 3751	0. 01	-7. 89184446	3. 72E-20	**
siR_257221	1. 9852	0. 01	-7. 63314056	5. 78E-17	**
siR_257225	25. 4531	0. 01	-11. 31362549	4. 75E-209	**
siR_257231	58. 3861	0. 01	-12. 51140959	0	**
siR_257291	3. 6159	0. 01	-8. 49821097	2. 60E-30	**
siR_25731	1. 2407	0. 1119	-3. 47087237	8. 26E-08	**
siR_25735	3. 7931	1. 7528	-1. 11371602	4. 91E-06	**
siR_257461	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_257478	4. 1476	0. 01	-8. 69613295	1. 15E-34	**
siR_257484	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_257494	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_257516	2. 127	0. 01	-7. 73267621	3. 99E-18	**
siR_257523	1. 737	0. 01	-7. 44045394	6. 21E-15	**
siR_257524	2. 836	0. 01	-8. 14771372	6. 28E-24	**
siR_25762	1. 3471	0. 4475	-1. 58989736	0. 000394142	**
siR_257635	3. 5095	0. 01	-8. 45512172	1. 93E-29	**
siR_257646	26. 0557	0. 01	-11. 34738323	5. 55E-214	**
siR_257655	2. 7651	0. 01	-8. 11118786	2. 39E-23	**
siR_25777	2. 3042	0. 8578	-1. 42555272	1. 69E-05	**
siR_257772	4. 8921	0. 01	-8. 93431011	9. 31E-41	**
siR_257822	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_257905	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_258	1. 2407	0. 2611	-2. 24847995	1. 86E-05	**
siR_258015	8. 8979	0. 01	-9. 79732106	1. 52E-73	**
siR_25804	2. 9069	1. 0069	-1. 52956103	3. 40E-07	**
siR_258054	1. 7725	0. 01	-7. 46964183	3. 18E-15	**
siR_258073	2. 9423	0. 01	-8. 20080054	8. 47E-25	**
siR_258146	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_258198	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_258278	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_25831	1. 028	0. 3356	-1. 61502564	0. 001825058	**
siR_25842	1. 2762	0. 1119	-3. 5115725	4. 57E-08	**
siR_258461	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_25851	3. 864	0. 8205	-2. 23551986	2. 58E-14	**
siR_25858	0. 01	1. 0069	6. 6537766	3. 63E-09	**

siR_258589	4.9984	0.01	-8.96532255	1.25E-41	**
siR_258617	1.7725	0.01	-7.46964183	3.18E-15	**
siR_25865	1.8079	0.9323	-0.95544871	0.005637862	
siR_258714	1.9143	0.01	-7.58067313	2.20E-16	**
siR_258722	4.0767	0.01	-8.67125799	4.39E-34	**
siR_258731	4.8566	0.01	-8.92380283	1.82E-40	**
siR_258826	5.1757	0.01	-9.01561019	4.44E-43	**
siR_258836	2.3397	0.01	-7.87017976	7.25E-20	**
siR_258837	1.1344	0.01	-6.82578563	5.32E-10	**
siR_258877	2.0915	0.01	-7.70839418	7.79E-18	**
siR_258878	1.9852	0.01	-7.63314056	5.78E-17	**
siR_258943	5.8492	0.01	-9.19209551	1.36E-48	**
siR_258967	3.1905	0.01	-8.31763871	7.88E-27	**
siR_258971	3.0487	0.01	-8.25205038	1.14E-25	**
siR_259065	1.3825	0.01	-7.11113566	4.95E-12	**
siR_25911	9.5006	5.7805	-0.71682434	5.70E-07	
siR_259187	10.3868	0.01	-10.02053558	9.87E-86	**
siR_259227	1.2407	0.01	-6.95501051	7.17E-11	**
siR_259241	1.737	0.01	-7.44045394	6.21E-15	**
siR_259270	1.2407	0.01	-6.95501051	7.17E-11	**
siR_259317	2.5169	0.01	-7.97550407	2.57E-21	**
siR_25932	0.9571	1.5663	0.71061899	0.044456183	
siR_25934	0.8153	1.2307	0.59407621	0.12906689	
siR_259354	2.6587	0.01	-8.05457718	1.77E-22	**
siR_25936	1.4534	0.8951	-0.69931104	0.057935335	
siR_259400	2.1979	0.01	-7.77998195	1.05E-18	**
siR_259487	1.418	0.01	-7.14771372	2.54E-12	**
siR_259488	1.2407	0.01	-6.95501051	7.17E-11	**
siR_259489	1.0989	0.01	-6.7799163	1.04E-09	**
siR_259517	1.3116	0.01	-7.035184	1.88E-11	**
siR_259557	2.6233	0.01	-8.035239	3.46E-22	**
siR_25957	2.0206	0.2611	-2.95210939	1.53E-10	**
siR_259809	1.3471	0.01	-7.07371314	9.66E-12	**
siR_259821	1.1344	0.01	-6.82578563	5.32E-10	**
siR_259854	4.1476	0.01	-8.69613295	1.15E-34	**
siR_259930	1.0635	0.01	-6.73267622	2.02E-09	**
siR_260065	1.2762	0.01	-6.99571063	3.67E-11	**
siR_260097	1.1698	0.01	-6.87011809	2.73E-10	**
siR_260122	1.9497	0.01	-7.60710834	1.13E-16	**
siR_260124	8.1889	0.01	-9.6775259	9.64E-68	**
siR_26016	5.9556	1.4172	-2.07120349	1.71E-19	**
siR_260161	2.8714	0.01	-8.16561052	3.22E-24	**
siR_260187	3.2259	0.01	-8.33355791	4.04E-27	**
siR_260256	5.7429	0.01	-9.16563566	1.01E-47	**
siR_260280	1.4534	0.01	-7.18328801	1.30E-12	**
siR_260323	2.5524	0.01	-7.99571063	1.32E-21	**
siR_260353	1.0989	0.01	-6.7799163	1.04E-09	**

siR_260379	1.0989	0.01	-6.7799163	1.04E-09	**
siR_260398	1.3116	0.01	-7.035184	1.88E-11	**
siR_260481	1.1344	0.01	-6.82578563	5.32E-10	**
siR_260602	2.836	0.01	-8.14771372	6.28E-24	**
siR_260607	1.2407	0.01	-6.95501051	7.17E-11	**
siR_260660	1.418	0.01	-7.14771372	2.54E-12	**
siR_26075	2.1979	0.4102	-2.42172635	1.96E-09	**
siR_260789	7.7635	0.01	-9.60056343	2.92E-64	**
siR_260815	602.1175	0.01	-15.87775344	0	**
siR_260816	2.0561	0.01	-7.68376661	1.52E-17	**
siR_260831	12.8683	0.01	-10.32960581	4.82E-106	**
siR_260922	2.6233	0.01	-8.035239	3.46E-22	**
siR_26095	0.01	1.0815	6.75688986	8.62E-10	**
siR_260962	1.0989	0.01	-6.7799163	1.04E-09	**
siR_26097	1.5952	1.529	-0.06114891	0.848197934	
siR_260986	3.6159	0.01	-8.49821097	2.60E-30	**
siR_260989	27.7928	0.01	-11.44049554	3.36E-228	**
siR_261007	2.8714	0.01	-8.16561052	3.22E-24	**
siR_261067	3.8286	0.01	-8.58067313	4.72E-32	**
siR_261114	2.1624	0.01	-7.75648961	2.05E-18	**
siR_261179	1.6307	0.01	-7.34934759	4.61E-14	**
siR_261201	1.3471	0.01	-7.07371314	9.66E-12	**
siR_261230	1.6307	0.01	-7.34934759	4.61E-14	**
siR_261232	2.3751	0.01	-7.89184446	3.72E-20	**
siR_26130	0.01	2.536	7.98641094	5.76E-22	**
siR_261301	1.7725	0.01	-7.46964183	3.18E-15	**
siR_261339	1.5243	0.01	-7.25200305	3.42E-13	**
siR_261393	39.4203	0.01	-11.94472307	626258336499e	**
siR_26141	3.4741	1.902	-0.86912204	0.000371298	
siR_261442	11.4149	0.01	-10.15670246	3.80E-94	**
siR_261470	1.8434	0.01	-7.52622535	8.37E-16	**
siR_261481	3.4741	0.01	-8.44049549	3.76E-29	**
siR_261514	1.1344	0.01	-6.82578563	5.32E-10	**
siR_261531	1.3471	0.01	-7.07371314	9.66E-12	**
siR_261544	1.3471	0.01	-7.07371314	9.66E-12	**
siR_26161	0.01	1.3426	7.06888574	5.63E-12	**
siR_261693	3.864	0.01	-8.59395129	2.42E-32	**
siR_261697	4.2894	0.01	-8.74463204	7.97E-36	**
siR_261748	7.8344	0.01	-9.61367902	7.69E-65	**
siR_261904	1.7016	0.01	-7.41074813	1.21E-14	**
siR_261978	2.6587	0.01	-8.05457718	1.77E-22	**
siR_262	2.0561	0.5594	-1.87795827	7.73E-07	**
siR_262056	3.3323	0.01	-8.38037447	5.44E-28	**
siR_262114	1.0635	0.01	-6.73267622	2.02E-09	**
siR_26212	0.01	15.4024	10.58893945	1.14E-129	**
siR_262138	1.5598	0.01	-7.28521726	1.75E-13	**
siR_262142	2.0206	0.01	-7.65863995	2.96E-17	**

siR_26216	5.7074	1.9393	-1.55729768	3.75E-13	**
siR_262160	3.2614	0.01	-8.34934759	2.07E-27	**
siR_262200	71.6444	0.01	-12.80663771	0	**
siR_262201	1.0635	0.01	-6.73267622	2.02E-09	**
siR_262211	16.2715	0.01	-10.66813151	6.73E-134	**
siR_26223	1.9852	0.6713	-1.56425481	1.94E-05	**
siR_26232	4.0058	2.2003	-0.86439015	0.000140592	
siR_26235	1.9497	1.6782	-0.21633749	0.459383335	
siR_262391	1.0989	0.01	-6.7799163	1.04E-09	**
siR_262397	34.032	0.01	-11.73267618	2.87E-279	**
siR_262442	10.1741	0.01	-9.9906855	5.44E-84	**
siR_262490	1.8788	0.01	-7.55366769	4.29E-16	**
siR_262509	76.0402	0.01	-12.89254646	0	**
siR_262556	1.9852	0.01	-7.63314056	5.78E-17	**
siR_262593	2.4815	0.01	-7.95506863	5.01E-21	**
siR_262612	27.5446	0.01	-11.42755366	3.61E-226	**
siR_262613	12.8683	0.01	-10.32960581	4.82E-106	**
siR_262614	8.6852	0.01	-9.76241522	8.36E-72	**
siR_262628	3.1905	0.01	-8.31763871	7.88E-27	**
siR_262669	2.9069	0.01	-8.18333764	1.65E-24	**
siR_262677	9.6424	0.01	-9.91324847	1.22E-79	**
siR_262683	9.2524	0.01	-9.85368377	1.90E-76	**
siR_262713	7.0191	0.01	-9.45514222	3.63E-58	**
siR_262722	1.2053	0.01	-6.91324847	1.40E-10	**
siR_262760	3.7577	0.01	-8.5537061	1.79E-31	**
siR_262776	15.5625	0.01	-10.60385808	4.28E-128	**
siR_262823	2.8714	0.01	-8.16561052	3.22E-24	**
siR_262824	1.1698	0.01	-6.87011809	2.73E-10	**
siR_262954	1.8788	0.01	-7.55366769	4.29E-16	**
siR_263013	3.1905	0.01	-8.31763871	7.88E-27	**
siR_263015	7.1609	0.01	-9.48399712	2.51E-59	**
siR_26304	5.282	0.8205	-2.68650906	3.18E-23	**
siR_26305	1.3116	0.2238	-2.55104587	2.11E-06	**
siR_263050	2.0915	0.01	-7.70839418	7.79E-18	**
siR_263061	2.3042	0.01	-7.84812212	1.41E-19	**
siR_263062	35.5209	0.01	-11.79445241	1.87E-291	**
siR_263109	7.09	0.01	-9.46964185	9.53E-59	**
siR_263123	1.5243	0.01	-7.25200305	3.42E-13	**
siR_26315	2.7296	3.7667	0.46461158	0.032764928	
siR_263177	1.1344	0.01	-6.82578563	5.32E-10	**
siR_263187	6.2746	0.01	-9.29337967	4.50E-52	**
siR_263189	1.1344	0.01	-6.82578563	5.32E-10	**
siR_263209	50.7998	0.01	-12.31060687	0	**
siR_26323	1.3116	0.1865	-2.81408027	5.73E-07	**
siR_263230	1.5243	0.01	-7.25200305	3.42E-13	**
siR_263238	1.2053	0.01	-6.91324847	1.40E-10	**
siR_263239	1.1698	0.01	-6.87011809	2.73E-10	**

siR_263334	4.3603	0.01	-8.76828358	2.10E-36	**
siR_263368	6.9836	0.01	-9.44782715	7.07E-58	**
siR_263395	2.0206	0.01	-7.65863995	2.96E-17	**
siR_263398	1.0635	0.01	-6.73267622	2.02E-09	**
siR_26345	7.7281	3.3937	-1.18725472	6.03E-12	**
siR_26350	2.4106	0.7459	-1.69233815	6.10E-07	**
siR_263538	3.0487	0.01	-8.25205038	1.14E-25	**
siR_263614	2.4106	0.01	-7.91324847	1.91E-20	**
siR_263648	9.5006	0.01	-9.89187482	1.77E-78	**
siR_263687	3.6868	0.01	-8.52622535	6.83E-31	**
siR_263746	1.0635	0.01	-6.73267622	2.02E-09	**
siR_263754	3.2259	0.01	-8.33355791	4.04E-27	**
siR_263872	1.3471	0.01	-7.07371314	9.66E-12	**
siR_263876	1.1698	0.01	-6.87011809	2.73E-10	**
siR_26397	0.01	54.0015	12.39878377	0	**
siR_26398	0.01	1.1561	6.85312238	2.05E-10	**
siR_264124	1.0635	0.01	-6.73267622	2.02E-09	**
siR_26414	4.4667	1.3053	-1.77482794	1.85E-12	**
siR_264193	1.3825	0.01	-7.11113566	4.95E-12	**
siR_26428	1.2407	0.4848	-1.35569271	0.002535804	**
siR_264345	2.8005	0.01	-8.12954063	1.23E-23	**
siR_264350	60.8321	0.01	-12.57061704	0	**
siR_264351	4.1122	0.01	-8.68376664	2.25E-34	**
siR_264409	1.6661	0.01	-7.38033118	2.36E-14	**
siR_264471	2.8005	0.01	-8.12954063	1.23E-23	**
siR_264640	5.8847	0.01	-9.20082503	6.99E-49	**
siR_264641	1.0989	0.01	-6.7799163	1.04E-09	**
siR_26470	4.3249	2.2003	-0.97496653	1.20E-05	**
siR_264759	1.737	0.01	-7.44045394	6.21E-15	**
siR_26478	1.6661	0.2611	-2.67380063	3.67E-08	**
siR_26499	1.2053	0.3729	-1.69253158	0.000467353	**
siR_264998	4.4312	0.01	-8.79155366	5.51E-37	**
siR_265061	2.4106	0.01	-7.91324847	1.91E-20	**
siR_265083	1.2053	0.01	-6.91324847	1.40E-10	**
siR_265182	2.3397	0.01	-7.87017976	7.25E-20	**
siR_265198	1.0635	0.01	-6.73267622	2.02E-09	**
siR_265202	1.3825	0.01	-7.11113566	4.95E-12	**
siR_265218	2.6233	0.01	-8.035239	3.46E-22	**
siR_265221	1.0989	0.01	-6.7799163	1.04E-09	**
siR_265334	2.6587	0.01	-8.05457718	1.77E-22	**
siR_265354	4.7148	0.01	-8.88105279	2.63E-39	**
siR_265357	8.1535	0.01	-9.67127563	1.88E-67	**
siR_265479	1.2407	0.01	-6.95501051	7.17E-11	**
siR_265547	5.5656	0.01	-9.12039339	2.86E-46	**
siR_26563	0.01	2.2749	7.82965932	8.83E-20	**
siR_26574	18.1149	8.8014	-1.04137191	2.35E-21	**
siR_2658	7.1963	1.3053	-2.46287391	2.29E-28	**

siR_265865	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_265879	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_265931	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_265989	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_265990	5. 8847	0. 01	-9. 20082503	6. 99E-49	**
siR_266016	7. 3381	0. 01	-9. 51926273	8. 87E-61	**
siR_266017	1. 5952	0. 01	-7. 31759351	8. 99E-14	**
siR_266018	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_266059	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_266105	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_266116	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_266161	31. 905	0. 01	-11. 6395668	7. 38E-262	**
siR_26620	8. 9334	2. 7225	-1. 71427731	1. 89E-22	**
siR_266206	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_266342	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_266378	2. 4106	0. 01	-7. 91324847	1. 91E-20	**
siR_266407	4. 9275	0. 01	-8. 94471205	4. 77E-41	**
siR_26641	0. 01	3. 6175	8. 49884921	5. 10E-31	**
siR_266451	2. 446	0. 01	-7. 93428061	9. 77E-21	**
siR_266452	2. 2688	0. 01	-7. 82578561	2. 76E-19	**
siR_26646	3. 3323	0. 8205	-2. 02194305	3. 31E-11	**
siR_266533	5. 7783	0. 01	-9. 17450131	5. 19E-48	**
siR_266586	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_266621	3. 1905	0. 01	-8. 31763871	7. 88E-27	**
siR_266660	2. 9069	0. 01	-8. 18333764	1. 65E-24	**
siR_26671	4. 5021	3. 3937	-0. 40773906	0. 039148401	
siR_26672	5. 282	0. 634	-3. 05852956	2. 48E-26	**
siR_266778	2. 836	0. 01	-8. 14771372	6. 28E-24	**
siR_266845	4. 7503	0. 01	-8. 89187482	1. 35E-39	**
siR_266846	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_266847	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_266876	2. 0206	0. 01	-7. 65863995	2. 96E-17	**
siR_266886	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_266902	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_266963	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_266964	16. 3424	0. 01	-10. 67440422	1. 77E-134	**
siR_266965	7. 0191	0. 01	-9. 45514222	3. 63E-58	**
siR_267019	7. 2672	0. 01	-9. 5052558	3. 38E-60	**
siR_267031	3. 0841	0. 01	-8. 26870574	5. 85E-26	**
siR_267123	22. 2626	0. 01	-11. 12040648	6. 18E-183	**
siR_26714	2. 3397	1. 0442	-1. 16392549	0. 000210366	**
siR_267163	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_267422	19. 6038	0. 01	-10. 93691757	3. 57E-161	**
siR_26743	0. 01	1. 3799	7. 10841991	2. 74E-12	**
siR_267448	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_267449	2. 4106	0. 01	-7. 91324847	1. 91E-20	**
siR_26750	5. 282	5. 333	0. 01386303	0. 93316882	

siR_267559	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_267630	2. 4815	0. 01	-7. 95506863	5. 01E-21	**
siR_26774	1. 028	0. 634	-0. 69728552	0. 113380175	
siR_267843	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_268050	5. 0693	0. 01	-8. 98564277	3. 30E-42	**
siR_268191	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_268232	3. 0841	0. 01	-8. 26870574	5. 85E-26	**
siR_26836	4. 6439	2. 3495	-0. 98298314	4. 91E-06	
siR_26838	2. 8005	0. 8951	-1. 64556365	1. 32E-07	**
siR_268480	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_26850	0. 01	1. 1188	6. 80580835	4. 20E-10	**
siR_26855	0. 01	1. 1561	6. 85312238	2. 05E-10	**
siR_268591	1. 7016	0. 01	-7. 41074813	1. 21E-14	**
siR_26861	1. 5243	0. 3729	-2. 03128617	7. 99E-06	**
siR_268625	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_268651	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_268711	5. 1402	0. 01	-9. 00568068	8. 67E-43	**
siR_268712	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_26872	0. 01	2. 4987	7. 96503389	1. 18E-21	**
siR_26875	0. 01	1. 0815	6. 75688986	8. 62E-10	**
siR_268859	1. 9143	0. 01	-7. 58067313	2. 20E-16	**
siR_268936	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_268944	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_26897	3. 7577	3. 5429	-0. 08491915	0. 679467281	
siR_268976	2. 2333	0. 01	-7. 80303324	5. 38E-19	**
siR_268980	20. 9864	0. 01	-11. 03523889	1. 73E-172	**
siR_269146	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_269149	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_26915	2. 8005	1. 6036	-0. 80437011	0. 002806815	
siR_269204	3. 8995	0. 01	-8. 60714536	1. 24E-32	**
siR_269289	5. 282	0. 01	-9. 04494046	5. 99E-44	**
siR_26933	3. 2259	4. 065	0. 33355364	0. 10317658	
siR_269382	2. 3042	0. 01	-7. 84812212	1. 41E-19	**
siR_269383	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_269425	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_269522	7. 2672	0. 01	-9. 5052558	3. 38E-60	**
siR_269525	3. 6159	0. 01	-8. 49821097	2. 60E-30	**
siR_26954	1. 028	0. 2238	-2. 19955832	0. 000127871	**
siR_26958	7. 5154	1. 6409	-2. 19536257	6. 05E-26	**
siR_269580	5. 7074	0. 01	-9. 15668986	1. 97E-47	**
siR_26959	2. 3751	0. 2984	-2. 99266882	2. 53E-12	**
siR_269650	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_269728	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_269817	1. 6661	0. 01	-7. 38033118	2. 36E-14	**
siR_26982	1. 9852	1. 5663	-0. 3419238	0. 247756469	
siR_26993	1. 3825	0. 4102	-1. 75288008	0. 0001191	**
siR_269965	3. 4386	0. 01	-8. 42567749	7. 34E-29	**

siR_26997	1. 2762	0. 5594	-1. 18990228	0. 005634656	**
siR_270129	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_27016	0. 01	11. 1509	10. 12294444	4. 44E-94	**
siR_27022	0. 01	4. 9974	8. 96503389	1. 43E-42	**
siR_270291	2. 127	0. 01	-7. 73267621	3. 99E-18	**
siR_270296	2. 3751	0. 01	-7. 89184446	3. 72E-20	**
siR_270391	3. 155	0. 01	-8. 3014962	1. 54E-26	**
siR_270461	2. 446	0. 01	-7. 93428061	9. 77E-21	**
siR_270465	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_270560	4. 1476	0. 01	-8. 69613295	1. 15E-34	**
siR_270764	7. 0191	0. 01	-9. 45514222	3. 63E-58	**
siR_270768	322. 7718	0. 01	-14. 97822882	0	**
siR_270769	5. 0339	0. 01	-8. 97553276	6. 43E-42	**
siR_27082	2. 4106	1. 1188	-1. 10744012	0. 000299343	**
siR_270829	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_270903	1. 7016	0. 01	-7. 41074813	1. 21E-14	**
siR_27096	0. 01	1. 1934	6. 89893387	9. 98E-11	**
siR_271026	3. 0841	0. 01	-8. 26870574	5. 85E-26	**
siR_271047	4. 573	0. 01	-8. 83699711	3. 81E-38	**
siR_27108	2. 127	0. 8578	-1. 31010681	0. 000106976	**
siR_271084	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_27109	4. 9275	1. 902	-1. 37333862	8. 10E-10	**
siR_271160	17. 9377	0. 01	-10. 80877913	1. 55E-147	**
siR_271214	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_27122	0. 01	4. 5126	8. 81781509	1. 64E-38	**
siR_271299	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_271349	7. 9762	0. 01	-9. 63955783	5. 31E-66	**
siR_271350	1. 8434	0. 01	-7. 52622535	8. 37E-16	**
siR_271387	17. 2641	0. 01	-10. 75355937	5. 05E-142	**
siR_27158	1. 0635	0. 6713	-0. 66379049	0. 122925287	**
siR_271580	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_271594	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_271626	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_271731	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_271743	4. 7857	0. 01	-8. 90258614	6. 91E-40	**
siR_271746	25. 8785	0. 01	-11. 33753813	1. 57E-212	**
siR_27175	2. 0206	0. 4848	-2. 05932215	1. 94E-07	**
siR_27178	16. 5551	5. 2584	-1. 65457993	2. 26E-38	**
siR_271798	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_27181	5. 3175	7. 9809	0. 58580332	0. 000122319	**
siR_271817	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_27184	3. 6159	5. 2211	0. 52999901	0. 004556885	**
siR_271852	3. 4386	0. 01	-8. 42567749	7. 34E-29	**
siR_271873	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_27188	5. 2466	3. 3192	-0. 66054724	0. 000552783	**
siR_271932	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_271937	1. 5243	0. 01	-7. 25200305	3. 42E-13	**

siR_271951	1.028	0.01	-6.68369645	3.95E-09	**
siR_271968	1.028	0.01	-6.68369645	3.95E-09	**
siR_272036	5.3529	0.01	-9.06417692	1.57E-44	**
siR_272063	2.9423	0.01	-8.20080054	8.47E-25	**
siR_27209	0.01	2.7597	8.10836763	7.72E-24	**
siR_27210	0.01	1.3799	7.10841991	2.74E-12	**
siR_272108	2.6233	0.01	-8.035239	3.46E-22	**
siR_272131	6.5937	0.01	-9.36494442	1.10E-54	**
siR_27214	0.01	12.568	10.29553937	6.08E-106	**
siR_272145	2.4106	0.01	-7.91324847	1.91E-20	**
siR_27215	0.01	8.2792	9.69334756	4.84E-70	**
siR_27216	0.01	1.1188	6.80580835	4.20E-10	**
siR_272198	2.0206	0.01	-7.65863995	2.96E-17	**
siR_272218	3.4032	0.01	-8.41074813	1.43E-28	**
siR_27225	0.01	12.4562	10.2826483	5.26E-105	**
siR_272297	2.7296	0.01	-8.09254576	4.66E-23	**
siR_272301	4.2894	0.01	-8.74463204	7.97E-36	**
siR_27231	0.01	1.268	6.98641094	2.37E-11	**
siR_272343	5.7783	0.01	-9.17450131	5.19E-48	**
siR_272351	1.5598	0.01	-7.28521726	1.75E-13	**
siR_272372	4.3249	0.01	-8.75652296	4.09E-36	**
siR_27238	0.01	5.8924	9.20271156	4.62E-50	**
siR_272389	10.635	0.01	-10.0546043	9.19E-88	**
siR_27239	0.01	2.0139	7.65384824	1.35E-17	**
siR_272390	1.6307	0.01	-7.34934759	4.61E-14	**
siR_272393	3.1905	0.01	-8.31763871	7.88E-27	**
siR_272409	3.0487	0.01	-8.25205038	1.14E-25	**
siR_272412	2.0915	0.01	-7.70839418	7.79E-18	**
siR_272427	5.991	0.01	-9.22665304	9.42E-50	**
siR_272428	1.8079	0.01	-7.49817107	1.63E-15	**
siR_27246	81.8539	9.5845	-3.09427608	0	**
siR_27247	1.9852	0.634	-1.64672961	9.33E-06	**
siR_27249	1.2053	0.2238	-2.42911034	1.01E-05	**
siR_272500	1.1698	0.01	-6.87011809	2.73E-10	**
siR_272540	2.3397	0.01	-7.87017976	7.25E-20	**
siR_272617	2.1624	0.01	-7.75648961	2.05E-18	**
siR_27264	5.9201	3.7667	-0.65232041	0.000283861	
siR_272647	2.9778	0.01	-8.21810305	4.34E-25	**
siR_272649	13.6837	0.01	-10.41824266	1.02E-112	**
siR_272688	3.6513	0.01	-8.51226639	1.33E-30	**
siR_272781	2.6942	0.01	-8.07371315	9.10E-23	**
siR_272786	1.028	0.01	-6.68369645	3.95E-09	**
siR_272787	1.6307	0.01	-7.34934759	4.61E-14	**
siR_272804	2.9423	0.01	-8.20080054	8.47E-25	**
siR_272809	1.9497	0.01	-7.60710834	1.13E-16	**
siR_272825	2.9069	0.01	-8.18333764	1.65E-24	**
siR_272830	2.1979	0.01	-7.77998195	1.05E-18	**

siR_272831	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_27288	4. 9984	2. 2749	-1. 13566323	9. 66E-08	**
siR_272900	2. 4106	0. 01	-7. 91324847	1. 91E-20	**
siR_272904	2. 4106	0. 01	-7. 91324847	1. 91E-20	**
siR_272977	3. 6159	0. 01	-8. 49821097	2. 60E-30	**
siR_272979	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_272980	5. 3175	0. 01	-9. 0546043	3. 07E-44	**
siR_272987	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_272989	2. 0915	0. 01	-7. 70839418	7. 79E-18	**
siR_272995	29. 2462	0. 01	-11. 51403331	4. 27E-240	**
siR_2730	1. 1698	1. 3053	0. 15811953	0. 651380934	
siR_273195	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_273225	2. 0206	0. 01	-7. 65863995	2. 96E-17	**
siR_273245	4. 254	0. 01	-8. 73267624	1. 56E-35	**
siR_273249	7. 5863	0. 01	-9. 56725266	8. 26E-63	**
siR_273265	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_273273	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_273282	1. 7016	0. 01	-7. 41074813	1. 21E-14	**
siR_273287	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_273328	3. 2259	0. 01	-8. 33355791	4. 04E-27	**
siR_273362	11. 3085	0. 01	-10. 14319183	2. 82E-93	**
siR_273409	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_273449	6. 1328	0. 01	-9. 26040207	6. 51E-51	**
siR_273454	4. 5376	0. 01	-8. 82578561	7. 42E-38	**
siR_273483	8. 2244	0. 01	-9. 68376659	4. 94E-68	**
siR_273540	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_27361	1. 9143	0. 4475	-2. 09685735	3. 03E-07	**
siR_273728	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_273742	3. 7931	0. 01	-8. 56723361	9. 20E-32	**
siR_27375	1. 418	0. 4102	-1. 78945814	7. 68E-05	**
siR_273781	2. 0915	0. 01	-7. 70839418	7. 79E-18	**
siR_273787	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_273807	6. 5582	0. 01	-9. 35715612	2. 15E-54	**
siR_273859	1. 6661	0. 01	-7. 38033118	2. 36E-14	**
siR_273869	10. 7413	0. 01	-10. 06895291	1. 24E-88	**
siR_273932	28. 8917	0. 01	-11. 49643924	3. 40E-237	**
siR_273946	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_273949	19. 4975	0. 01	-10. 92907334	2. 65E-160	**
siR_273958	2. 127	0. 01	-7. 73267621	3. 99E-18	**
siR_27398	5. 3175	1. 9393	-1. 45521213	2. 60E-11	**
siR_274058	2. 3751	0. 01	-7. 89184446	3. 72E-20	**
siR_274090	108. 2642	0. 01	-13. 40226921	0	**
siR_274091	4. 8566	0. 01	-8. 92380283	1. 82E-40	**
siR_274122	2. 1979	0. 01	-7. 77998195	1. 05E-18	**
siR_27423	0. 01	1. 1188	6. 80580835	4. 20E-10	**
siR_274230	10. 635	0. 01	-10. 0546043	9. 19E-88	**
siR_274372	23. 3615	0. 01	-11. 18991721	6. 26E-192	**

siR_274443	2. 6587	0. 01	-8. 05457718	1. 77E-22	**
siR_274500	11. 1313	0. 01	-10. 12040632	7. 96E-92	**
siR_274502	3. 155	0. 01	-8. 3014962	1. 54E-26	**
siR_27454	0. 01	1. 3426	7. 06888574	5. 63E-12	**
siR_274567	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_27459	3. 0841	1. 902	-0. 6973323	0. 005579508	
siR_27461	31. 5505	27. 4483	-0. 20094607	0. 005129398	
siR_27464	204. 9362	113. 1496	-0. 85694336	3. 10E-162	
siR_27470	21. 3054	19. 803	-0. 10550013	0. 219835178	
siR_274890	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_274896	2. 7651	0. 01	-8. 11118786	2. 39E-23	**
siR_274945	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_274958	3. 7931	0. 01	-8. 56723361	9. 20E-32	**
siR_275009	4. 1476	0. 01	-8. 69613295	1. 15E-34	**
siR_27501	1. 1344	0. 2611	-2. 11925507	8. 17E-05	**
siR_275119	7. 09	0. 01	-9. 46964185	9. 53E-59	**
siR_275184	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_275232	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_275317	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_275451	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_275587	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_275699	1. 6661	0. 01	-7. 38033118	2. 36E-14	**
siR_2757	5. 5656	1. 1188	-2. 31458507	8. 41E-21	**
siR_275705	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_275711	6. 1683	0. 01	-9. 26872915	3. 34E-51	**
siR_275768	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_275794	3. 1196	0. 01	-8. 28521723	3. 00E-26	**
siR_275821	2. 1979	0. 01	-7. 77998195	1. 05E-18	**
siR_27584	19. 462	10. 4796	-0. 89307632	4. 90E-18	
siR_27586	8. 2598	3. 0581	-1. 43347127	1. 91E-16	**
siR_27587	1. 3825	0. 6713	-1. 04224993	0. 00950628	**
siR_27589	1. 7725	0. 5967	-1. 57070795	5. 27E-05	**
siR_276040	2. 8714	0. 01	-8. 16561052	3. 22E-24	**
siR_276081	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_276120	1. 7016	0. 01	-7. 41074813	1. 21E-14	**
siR_27613	2. 0561	0. 2238	-3. 19962849	1. 87E-11	**
siR_276133	8. 3662	0. 01	-9. 70842867	3. 42E-69	**
siR_27615	63. 8099	17. 4535	-1. 8702639	4. 10E-169	**
siR_276193	6. 4164	0. 01	-9. 3256203	3. 11E-53	**
siR_276210	1. 9497	0. 01	-7. 60710834	1. 13E-16	**
siR_276215	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_276322	2. 3751	0. 01	-7. 89184446	3. 72E-20	**
siR_27638	0. 01	9. 5845	9. 90455936	5. 73E-81	**
siR_276402	1. 5952	0. 01	-7. 31759351	8. 99E-14	**
siR_276524	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_27655	2. 2333	1. 0815	-1. 0461434	0. 000895443	**
siR_27658	2. 7296	3. 5802	0. 39135063	0. 075771081	

siR_276670	1.028	0.01	-6.68369645	3.95E-09	**
siR_27668	9.0397	4.438	-1.02636523	3.67E-11	**
siR_276719	10.1032	0.01	-9.98059662	2.07E-83	**
siR_276795	1.418	0.01	-7.14771372	2.54E-12	**
siR_276798	1.3825	0.01	-7.11113566	4.95E-12	**
siR_276810	1.2762	0.01	-6.99571063	3.67E-11	**
siR_276830	18.3631	0.01	-10.84259381	5.11E-151	**
siR_276850	14.0736	0.01	-10.4587756	6.57E-116	**
siR_276855	23.8578	0.01	-11.22024541	5.42E-196	**
siR_276856	1.1344	0.01	-6.82578563	5.32E-10	**
siR_276858	20.5964	0.01	-11.0081766	2.68E-169	**
siR_276862	9.5715	0.01	-9.90260126	4.66E-79	**
siR_276895	7.0191	0.01	-9.45514222	3.63E-58	**
siR_276906	1.3471	0.01	-7.07371314	9.66E-12	**
siR_276907	1.1698	0.01	-6.87011809	2.73E-10	**
siR_276918	4.7857	0.01	-8.90258614	6.91E-40	**
siR_276920	1.2407	0.01	-6.95501051	7.17E-11	**
siR_276925	4.8921	0.01	-8.93431011	9.31E-41	**
siR_276926	1.3116	0.01	-7.035184	1.88E-11	**
siR_27695	1.2053	0.5221	-1.20699422	0.006557539	**
siR_2770	1.4889	0.7459	-0.99719273	0.009388402	**
siR_277071	1.028	0.01	-6.68369645	3.95E-09	**
siR_277166	1.1344	0.01	-6.82578563	5.32E-10	**
siR_27722	1.3825	0.5967	-1.2122018	0.003421985	**
siR_27724	2.5169	0.9696	-1.37618629	1.18E-05	**
siR_277244	14.5345	0.01	-10.50526565	1.11E-119	**
siR_277245	1.8434	0.01	-7.52622535	8.37E-16	**
siR_27731	14.6408	2.797	-2.38804223	3.60E-54	**
siR_277321	12.8329	0.01	-10.3256315	9.41E-106	**
siR_277322	2.4106	0.01	-7.91324847	1.91E-20	**
siR_277347	102.1668	0.01	-13.31863816	0	**
siR_277423	4.9984	0.01	-8.96532255	1.25E-41	**
siR_277427	1.1344	0.01	-6.82578563	5.32E-10	**
siR_27744	1.8434	0.7459	-1.30531502	0.000328405	**
siR_277472	1.5598	0.01	-7.28521726	1.75E-13	**
siR_277556	11.4858	0.01	-10.16563558	9.99E-95	**
siR_277566	4.5021	0.01	-8.81445427	1.45E-37	**
siR_277690	1.4534	0.01	-7.18328801	1.30E-12	**
siR_277752	1.3116	0.01	-7.035184	1.88E-11	**
siR_27776	1.737	0.8205	-1.08202252	0.002661787	**
siR_277768	1.4889	0.01	-7.21810305	6.67E-13	**
siR_277780	100.9969	0.01	-13.30202397	0	**
siR_277781	25.2758	0.01	-11.30354086	1.34E-207	**
siR_277860	1.0989	0.01	-6.7799163	1.04E-09	**
siR_27791	2.446	1.0069	-1.28050399	4.39E-05	**
siR_277929	1.9143	0.01	-7.58067313	2.20E-16	**
siR_277945	1.3116	0.01	-7.035184	1.88E-11	**

siR_277964	3.3677	0.01	-8.39561983	2.79E-28	**
siR_278024	1.9497	0.01	-7.60710834	1.13E-16	**
siR_278026	1.418	0.01	-7.14771372	2.54E-12	**
siR_278033	1.2762	0.01	-6.99571063	3.67E-11	**
siR_27810	1.8079	0.6713	-1.42928533	0.000138786	**
siR_27812	2.6233	1.3799	-0.92681908	0.001112649	
siR_278136	3.3323	0.01	-8.38037447	5.44E-28	**
siR_27815	2.6233	1.3426	-0.96635326	0.000735593	
siR_27818	0.01	1.0442	6.70625425	1.77E-09	**
siR_27820	1.1698	0.7459	-0.64920776	0.112106036	
siR_278293	2.1624	0.01	-7.75648961	2.05E-18	**
siR_278341	1.2053	0.01	-6.91324847	1.40E-10	**
siR_278466	4.7148	0.01	-8.88105279	2.63E-39	**
siR_278482	8.7207	0.01	-9.76830018	4.28E-72	**
siR_278485	1.8434	0.01	-7.52622535	8.37E-16	**
siR_278490	1.0989	0.01	-6.7799163	1.04E-09	**
siR_278543	1.4889	0.01	-7.21810305	6.67E-13	**
siR_278591	1.0989	0.01	-6.7799163	1.04E-09	**
siR_278614	34.351	0.01	-11.74613658	7.03E-282	**
siR_278623	3.9349	0.01	-8.62018319	6.36E-33	**
siR_278638	5.282	0.01	-9.04494046	5.99E-44	**
siR_278706	1.9852	0.01	-7.63314056	5.78E-17	**
siR_278709	1.1698	0.01	-6.87011809	2.73E-10	**
siR_278713	13.0456	0.01	-10.34934754	1.71E-107	**
siR_278730	1.2053	0.01	-6.91324847	1.40E-10	**
siR_278741	8.4016	0.01	-9.71452026	1.75E-69	**
siR_278743	1.7725	0.01	-7.46964183	3.18E-15	**
siR_278748	3.0487	0.01	-8.25205038	1.14E-25	**
siR_278763	1.7725	0.01	-7.46964183	3.18E-15	**
siR_278822	6.3101	0.01	-9.30151909	2.30E-52	**
siR_278828	66.6814	0.01	-12.70306827	0	**
siR_278840	1.0635	0.01	-6.73267622	2.02E-09	**
siR_278865	8.1889	0.01	-9.6775259	9.64E-68	**
siR_278891	1.7725	0.01	-7.46964183	3.18E-15	**
siR_278905	27.261	0.01	-11.41262277	7.57E-224	**
siR_278921	3.9349	0.01	-8.62018319	6.36E-33	**
siR_278987	1.0635	0.01	-6.73267622	2.02E-09	**
siR_278995	7.0191	0.01	-9.45514222	3.63E-58	**
siR_279034	11.0604	0.01	-10.1111879	3.03E-91	**
siR_279064	1.3825	0.01	-7.11113566	4.95E-12	**
siR_279088	2.8005	0.01	-8.12954063	1.23E-23	**
siR_279090	2.127	0.01	-7.73267621	3.99E-18	**
siR_279122	3.8286	0.01	-8.58067313	4.72E-32	**
siR_279194	11.1313	0.01	-10.12040632	7.96E-92	**
siR_2792	0.01	1.3426	7.06888574	5.63E-12	**
siR_279222	4.7148	0.01	-8.88105279	2.63E-39	**
siR_279334	1.5243	0.01	-7.25200305	3.42E-13	**

siR_279346	2.6942	0.01	-8.07371315	9.10E-23	**
siR_27944	0.01	2.1258	7.73186206	1.57E-18	**
siR_279608	1.2762	0.01	-6.99571063	3.67E-11	**
siR_279697	2.3042	0.01	-7.84812212	1.41E-19	**
siR_2797	1.028	1.1934	0.21523742	0.561266488	
siR_279751	6.3101	0.01	-9.30151909	2.30E-52	**
siR_279781	5.7429	0.01	-9.16563566	1.01E-47	**
siR_279850	1.2762	0.01	-6.99571063	3.67E-11	**
siR_279864	3.5804	0.01	-8.48397698	5.07E-30	**
siR_27988	0.01	3.6175	8.49884921	5.10E-31	**
siR_28001	17.016	7.6079	-1.16132175	9.96E-24	**
siR_28006	0.01	10.9644	10.09861115	1.61E-92	**
siR_280120	1.2762	0.01	-6.99571063	3.67E-11	**
siR_28015	5.0693	1.9393	-1.38625055	3.48E-10	**
siR_28025	0.01	8.4657	9.72548555	1.33E-71	**
siR_280292	12.3011	0.01	-10.26457167	2.12E-101	**
siR_28032	1.2407	0.4475	-1.47119473	0.001326969	**
siR_28041	5.282	1.9393	-1.4455483	3.78E-11	**
siR_28042	5.6365	1.0442	-2.43240153	3.12E-22	**
siR_280464	2.127	0.01	-7.73267621	3.99E-18	**
siR_280466	1.5598	0.01	-7.28521726	1.75E-13	**
siR_280547	1.7725	0.01	-7.46964183	3.18E-15	**
siR_280586	1.1698	0.01	-6.87011809	2.73E-10	**
siR_280588	3.9704	0.01	-8.63314056	3.26E-33	**
siR_280658	4.0058	0.01	-8.64594661	1.67E-33	**
siR_28072	0.709	1.0815	0.60917613	0.145996817	
siR_28073	1.8788	1.1561	-0.70054531	0.030426223	
siR_28086	2.8005	0.3356	-3.06086981	1.36E-14	**
siR_28087	77.7063	8.9878	-3.11199164	0	**
siR_280881	1.0635	0.01	-6.73267622	2.02E-09	**
siR_280883	1.418	0.01	-7.14771372	2.54E-12	**
siR_28091	2.9069	0.1865	-3.96223391	1.90E-18	**
siR_28096	2.6233	0.1865	-3.81413527	2.45E-16	**
siR_281037	1.2053	0.01	-6.91324847	1.40E-10	**
siR_28107	14.8535	4.2888	-1.79215697	1.69E-38	**
siR_28109	1.3825	0.1492	-3.21196004	4.21E-08	**
siR_281197	1.1344	0.01	-6.82578563	5.32E-10	**
siR_28120	1.2407	0.3356	-1.88633969	0.000130463	**
siR_281256	2.6587	0.01	-8.05457718	1.77E-22	**
siR_28128	3.0132	2.3122	-0.38203024	0.112937416	
siR_28134	1.1344	0.1865	-2.6046819	8.62E-06	**
siR_281342	2.3042	0.01	-7.84812212	1.41E-19	**
siR_281343	6.8773	0.01	-9.42569848	5.25E-57	**
siR_28135	13.1874	13.0156	-0.01891833	0.861393865	
siR_281397	4.3603	0.01	-8.76828358	2.10E-36	**
siR_28140	22.0144	20.5116	-0.10200749	0.227549529	
siR_281434	1.1344	0.01	-6.82578563	5.32E-10	**

siR_28144	3.2968	4.1396	0.328425	0.105075002	
siR_281441	1.2407	0.01	-6.95501051	7.17E-11	**
siR_281448	2.836	0.01	-8.14771372	6.28E-24	**
siR_281453	2.1979	0.01	-7.77998195	1.05E-18	**
siR_281466	2.8714	0.01	-8.16561052	3.22E-24	**
siR_281477	3.864	0.01	-8.59395129	2.42E-32	**
siR_28148	4.2894	2.9462	-0.54192049	0.008955231	
siR_28151	81.8539	40.2401	-1.02441727	3.10E-88	**
siR_281518	1.9143	0.01	-7.58067313	2.20E-16	**
siR_281524	1.8434	0.01	-7.52622535	8.37E-16	**
siR_281582	7.6217	0.01	-9.57396906	4.23E-63	**
siR_281590	2.5169	0.01	-7.97550407	2.57E-21	**
siR_281596	3.4032	0.01	-8.41074813	1.43E-28	**
siR_281619	1.2762	0.01	-6.99571063	3.67E-11	**
siR_281643	3.7931	0.01	-8.56723361	9.20E-32	**
siR_28165	6.8773	1.0815	-2.66880861	1.34E-29	**
siR_28173	3.5804	2.8716	-0.31826597	0.145213737	
siR_2818	2.9423	0.8578	-1.77823113	1.11E-08	**
siR_2819	48.6373	10.1439	-2.26145071	7.81E-165	**
siR_281954	6.9127	0.01	-9.43310546	2.69E-57	**
siR_281966	4.6439	0.01	-8.85919308	1.00E-38	**
siR_2820	1.0989	0.5594	-0.97410795	0.02925074	
siR_28200	15.1371	2.8343	-2.41702446	9.94E-57	**
siR_282004	2.8005	0.01	-8.12954063	1.23E-23	**
siR_28202	1.6307	0.4848	-1.75002979	2.87E-05	**
siR_282033	1.2407	0.01	-6.95501051	7.17E-11	**
siR_282098	2.7296	0.01	-8.09254576	4.66E-23	**
siR_282136	3.2968	0.01	-8.36492254	1.06E-27	**
siR_282147	1.418	0.01	-7.14771372	2.54E-12	**
siR_282313	2.0206	0.01	-7.65863995	2.96E-17	**
siR_282367	2.3042	0.01	-7.84812212	1.41E-19	**
siR_282371	2.9778	0.01	-8.21810305	4.34E-25	**
siR_28240	0.01	18.274	10.83557675	1.05E-153	**
siR_282450	7.8699	0.01	-9.62020147	3.94E-65	**
siR_282492	4.5021	0.01	-8.81445427	1.45E-37	**
siR_2826	13.3292	4.1023	-1.70008529	2.28E-32	**
siR_282743	7.409	0.01	-9.53313504	2.33E-61	**
siR_2829	12.5493	3.9904	-1.65300162	1.94E-29	**
siR_282910	1.2053	0.01	-6.91324847	1.40E-10	**
siR_282931	1.418	0.01	-7.14771372	2.54E-12	**
siR_28301	1.6661	1.268	-0.39392025	0.2272645	
siR_283027	1.4889	0.01	-7.21810305	6.67E-13	**
siR_283114	1.4889	0.01	-7.21810305	6.67E-13	**
siR_28313	0.01	3.3564	8.39077085	7.81E-29	**
siR_28316	0.01	4.8109	8.910163	5.22E-41	**
siR_28323	0.01	2.5733	8.00747585	2.81E-22	**
siR_283263	1.0635	0.01	-6.73267622	2.02E-09	**

siR_283315	5.6011	0.01	-9.12956637	1.46E-46	**
siR_2834	328.3375	83.5756	-1.97402582	0	**
siR_283412	1.0989	0.01	-6.7799163	1.04E-09	**
siR_2835	6.381	2.8716	-1.15192773	1.07E-09	**
siR_28354	0.01	3.3192	8.37469175	1.60E-28	**
siR_283554	2.5878	0.01	-8.0155823	6.75E-22	**
siR_28356	0.01	1.6409	7.35834351	1.79E-14	**
siR_283572	1.0635	0.01	-6.73267622	2.02E-09	**
siR_283579	1.1698	0.01	-6.87011809	2.73E-10	**
siR_28358	104.7546	55.0085	-0.92928713	6.78E-96	
siR_28364	0.01	17.64	10.78463485	2.13E-148	**
siR_283648	4.573	0.01	-8.83699711	3.81E-38	**
siR_283660	1.6307	0.01	-7.34934759	4.61E-14	**
siR_28369	0.01	10.9644	10.09861115	1.61E-92	**
siR_28376	1.3471	1.7155	0.34877217	0.270550826	
siR_283766	1.7725	0.01	-7.46964183	3.18E-15	**
siR_283816	3.3323	0.01	-8.38037447	5.44E-28	**
siR_283832	97.4165	0.01	-13.24995064	0	**
siR_283838	17.016	0.01	-10.73267618	5.43E-140	**
siR_283947	2.5524	0.01	-7.99571063	1.32E-21	**
siR_284016	1.0989	0.01	-6.7799163	1.04E-09	**
siR_28402	56.2591	10.1439	-2.47147404	1.82E-211	**
siR_284037	2.1624	0.01	-7.75648961	2.05E-18	**
siR_284060	2.6587	0.01	-8.05457718	1.77E-22	**
siR_284094	1.2762	0.01	-6.99571063	3.67E-11	**
siR_28413	13.3646	8.4284	-0.66508597	2.76E-08	
siR_28416	4.2185	3.5056	-0.26706871	0.180421805	
siR_284182	5.2466	0.01	-9.03523897	1.17E-43	**
siR_284196	2.3397	0.01	-7.87017976	7.25E-20	**
siR_284273	2.9423	0.01	-8.20080054	8.47E-25	**
siR_284275	1.028	0.01	-6.68369645	3.95E-09	**
siR_2843	5.5656	1.0069	-2.46661682	2.64E-22	**
siR_28431	0.01	59.7075	12.54369645	0	**
siR_28432	0.01	2.3122	7.85312238	4.30E-20	**
siR_284322	16.5906	0.01	-10.69615024	1.65E-136	**
siR_284335	3.6868	0.01	-8.52622535	6.83E-31	**
siR_284354	1.0989	0.01	-6.7799163	1.04E-09	**
siR_284363	1.418	0.01	-7.14771372	2.54E-12	**
siR_28438	0.01	2.536	7.98641094	5.76E-22	**
siR_284490	1.1698	0.01	-6.87011809	2.73E-10	**
siR_284548	1.9143	0.01	-7.58067313	2.20E-16	**
siR_284561	4.1122	0.01	-8.68376664	2.25E-34	**
siR_284568	1.3471	0.01	-7.07371314	9.66E-12	**
siR_2846	2.6233	0.5594	-2.22943064	4.13E-10	**
siR_28461	3.2968	1.9393	-0.76553037	0.001873871	
siR_28463	10.0323	3.2073	-1.64522119	1.07E-23	**
siR_284636	1.2053	0.01	-6.91324847	1.40E-10	**

siR_284688	1.028	0.01	-6.68369645	3.95E-09	**
siR_2847	1.3116	0.5967	-1.13625012	0.006797934	**
siR_28472	1.0635	0.4848	-1.13335843	0.015328041	*
siR_2848	1.0635	0.2238	-2.24853809	7.77E-05	**
siR_284804	3.7931	0.01	-8.56723361	9.20E-32	**
siR_284806	3.2614	0.01	-8.34934759	2.07E-27	**
siR_284836	1.3825	0.01	-7.11113566	4.95E-12	**
siR_284837	1.0635	0.01	-6.73267622	2.02E-09	**
siR_28485	1.7725	0.4848	-1.87032402	4.91E-06	**
siR_284859	2.8005	0.01	-8.12954063	1.23E-23	**
siR_28486	1.5952	0.4848	-1.71827571	4.42E-05	**
siR_284889	5.1048	0.01	-8.99571063	1.69E-42	**
siR_28494	0.01	4.2142	8.71911497	5.16E-36	**
siR_28496	0.01	3.9904	8.64038956	3.85E-34	**
siR_28501	31.0896	12.3443	-1.33258703	1.10E-51	**
siR_285013	1.9497	0.01	-7.60710834	1.13E-16	**
siR_285033	1.7725	0.01	-7.46964183	3.18E-15	**
siR_28516	12.9747	5.1466	-1.33400962	1.49E-22	**
siR_28518	8.3662	2.9089	-1.52409879	4.47E-18	**
siR_285245	1.7725	0.01	-7.46964183	3.18E-15	**
siR_285362	4.7503	0.01	-8.89187482	1.35E-39	**
siR_285378	5.3884	0.01	-9.07371312	8.07E-45	**
siR_285635	11.6985	0.01	-10.19210792	1.81E-96	**
siR_285668	1.2407	0.01	-6.95501051	7.17E-11	**
siR_285682	1.2407	0.01	-6.95501051	7.17E-11	**
siR_28572	0.01	1.1934	6.89893387	9.98E-11	**
siR_285721	5.3529	0.01	-9.06417692	1.57E-44	**
siR_28573	0.01	7.1231	9.47636143	2.30E-60	**
siR_285732	10.0323	0.01	-9.97043668	7.87E-83	**
siR_285750	7.1963	0.01	-9.49111151	1.28E-59	**
siR_28581	0.01	5.333	9.05880352	2.22E-45	**
siR_285959	2.0561	0.01	-7.68376661	1.52E-17	**
siR_285969	1.0989	0.01	-6.7799163	1.04E-09	**
siR_286005	6.6291	0.01	-9.37266921	5.64E-55	**
siR_286010	8.3662	0.01	-9.70842867	3.42E-69	**
siR_286019	1.3825	0.01	-7.11113566	4.95E-12	**
siR_286119	1.0989	0.01	-6.7799163	1.04E-09	**
siR_286384	1.418	0.01	-7.14771372	2.54E-12	**
siR_286389	2.4106	0.01	-7.91324847	1.91E-20	**
siR_286394	5.1048	0.01	-8.99571063	1.69E-42	**
siR_286401	2.9069	0.01	-8.18333764	1.65E-24	**
siR_286411	1.1698	0.01	-6.87011809	2.73E-10	**
siR_286469	5.8138	0.01	-9.18333764	2.66E-48	**
siR_286543	1.0989	0.01	-6.7799163	1.04E-09	**
siR_28659	0.8508	1.3053	0.61748948	0.105489325	
siR_286755	1.4889	0.01	-7.21810305	6.67E-13	**
siR_28685	0.01	1.3426	7.06888574	5.63E-12	**

siR_286850	1.0989	0.01	-6.7799163	1.04E-09	**
siR_28686	1.1344	1.4172	0.32111393	0.354484853	
siR_286924	11.8757	0.01	-10.21379688	6.42E-98	**
siR_287035	6.381	0.01	-9.31763871	6.06E-53	**
siR_28704	0.01	2.0885	7.70632333	3.21E-18	**
siR_287089	5.1048	0.01	-8.99571063	1.69E-42	**
siR_28716	2.8005	1.0815	-1.37265076	3.91E-06	**
siR_28717	5.8492	8.9878	0.6197287	1.80E-05	
siR_287257	2.2688	0.01	-7.82578561	2.76E-19	**
siR_28731	5.2466	2.5733	-1.02776314	4.66E-07	**
siR_287318	2.0915	0.01	-7.70839418	7.79E-18	**
siR_28736	1.0989	0.2238	-2.29577817	4.70E-05	**
siR_28753	2.6587	2.0139	-0.40072895	0.119760642	
siR_28757	39.6685	26.2549	-0.59540714	3.90E-18	
siR_287612	1.2407	0.01	-6.95501051	7.17E-11	**
siR_28763	1.028	1.3799	0.42472346	0.235869389	
siR_28791	9.2879	3.0954	-1.58522659	5.50E-21	**
siR_287957	5.2111	0.01	-9.02544416	2.28E-43	**
siR_28801	0.01	1.1934	6.89893387	9.98E-11	**
siR_288087	41.5119	0.01	-12.01930913	0	**
siR_288088	5.8492	0.01	-9.19209551	1.36E-48	**
siR_28814	2.6233	1.0069	-1.38146239	7.21E-06	**
siR_288147	5.1402	0.01	-9.00568068	8.67E-43	**
siR_288169	30.7351	0.01	-11.58567149	2.78E-252	**
siR_28819	6.4873	5.072	-0.35506341	0.029365635	
siR_288206	6.1683	0.01	-9.26872915	3.34E-51	**
siR_28822	1.1344	0.5594	-1.01997728	0.02136103	*
siR_288299	1.418	0.01	-7.14771372	2.54E-12	**
siR_28836	1.0989	0.3729	-1.5591994	0.001653799	**
siR_288376	9.7487	0.01	-9.92906603	1.65E-80	**
siR_28840	13.5064	2.9835	-2.17856551	5.66E-45	**
siR_28842	3.864	0.8951	-2.10997432	2.03E-13	**
siR_288431	1.2407	0.01	-6.95501051	7.17E-11	**
siR_288452	4.4312	0.01	-8.79155366	5.51E-37	**
siR_28873	1.418	1.529	0.10873087	0.733407941	
siR_288735	1.5598	0.01	-7.28521726	1.75E-13	**
siR_288801	1.028	0.01	-6.68369645	3.95E-09	**
siR_28884	4.0413	1.8274	-1.14502699	1.41E-06	**
siR_28889	1.4534	1.3053	-0.15505039	0.645288754	
siR_2889	1.0635	0.4475	-1.24886045	0.008857046	**
siR_288939	1.6661	0.01	-7.38033118	2.36E-14	**
siR_288958	1.0635	0.01	-6.73267622	2.02E-09	**
siR_28898	1.0989	0.4848	-1.1805985	0.010852128	*
siR_289047	25.2758	0.01	-11.30354086	1.34E-207	**
siR_289060	1.2762	0.01	-6.99571063	3.67E-11	**
siR_289099	2.5524	0.01	-7.99571063	1.32E-21	**
siR_289200	1.418	0.01	-7.14771372	2.54E-12	**

siR_289217	7.9762	0.01	-9.63955783	5.31E-66	**
siR_28932	1.4889	0.8951	-0.73412609	0.045190204	
siR_289338	1.6307	0.01	-7.34934759	4.61E-14	**
siR_28934	6.4519	0.9323	-2.79085791	3.74E-29	**
siR_28937	0.01	1.4545	7.18437949	6.51E-13	**
siR_289459	2.446	0.01	-7.93428061	9.77E-21	**
siR_289465	8.2598	0.01	-9.689963	2.53E-68	**
siR_28947	0.01	1.0069	6.6537766	3.63E-09	**
siR_289495	1.0989	0.01	-6.7799163	1.04E-09	**
siR_289522	2.7651	0.01	-8.11118786	2.39E-23	**
siR_289583	22.8652	0.01	-11.15893794	7.22E-188	**
siR_289588	27.2256	0.01	-11.41074798	1.48E-223	**
siR_289589	1.5952	0.01	-7.31759351	8.99E-14	**
siR_289590	1.3825	0.01	-7.11113566	4.95E-12	**
siR_289602	71.1126	0.01	-12.79588904	0	**
siR_289631	1.6661	0.01	-7.38033118	2.36E-14	**
siR_28974	3.7577	1.6036	-1.22853557	8.84E-07	**
siR_289771	1.3471	0.01	-7.07371314	9.66E-12	**
siR_28983	0.01	1.9766	7.62687714	2.78E-17	**
siR_289837	9.217	0.01	-9.84815347	3.71E-76	**
siR_289840	1.0635	0.01	-6.73267622	2.02E-09	**
siR_289865	6.0265	0.01	-9.23517658	4.83E-50	**
siR_289913	3.0132	0.01	-8.23515263	2.23E-25	**
siR_28997	9.6424	2.163	-2.15635861	3.65E-32	**
siR_290109	2.7651	0.01	-8.11118786	2.39E-23	**
siR_29011	1.028	0.7832	-0.39238759	0.347659208	
siR_29012	4.963	1.3053	-1.92683103	3.93E-15	**
siR_29024	1.2407	1.0815	-0.19812065	0.590050383	
siR_29033	11.1667	5.5568	-1.00687668	4.43E-13	**
siR_290366	39.1367	0.01	-11.93430665	303020007597e	**
siR_290367	1.0635	0.01	-6.73267622	2.02E-09	**
siR_290564	1.5952	0.01	-7.31759351	8.99E-14	**
siR_290693	1.3825	0.01	-7.11113566	4.95E-12	**
siR_29071	1.8788	0.4848	-1.95434989	1.25E-06	**
siR_290742	1.7725	0.01	-7.46964183	3.18E-15	**
siR_290837	1.3471	0.01	-7.07371314	9.66E-12	**
siR_29085	3.5804	2.4241	-0.56267156	0.01356284	
siR_29086	2.8714	3.17	0.14272852	0.52379838	
siR_29089	0.01	7.9809	9.64040764	1.52E-67	**
siR_291145	1.6661	0.01	-7.38033118	2.36E-14	**
siR_291149	2.2333	0.01	-7.80303324	5.38E-19	**
siR_291151	3.864	0.01	-8.59395129	2.42E-32	**
siR_291168	20.171	0.01	-10.97806701	8.14E-166	**
siR_29118	1.3471	4.3634	1.69559578	1.19E-11	**
siR_29121	3.8286	3.3937	-0.1739579	0.398892457	
siR_291216	1.5243	0.01	-7.25200305	3.42E-13	**
siR_291238	1.4889	0.01	-7.21810305	6.67E-13	**

siR_291304	1.4534	0.01	-7.18328801	1.30E-12	**
siR_291355	1.2407	0.01	-6.95501051	7.17E-11	**
siR_291376	19.5329	0.01	-10.93169058	1.36E-160	**
siR_291399	2.6587	0.01	-8.05457718	1.77E-22	**
siR_291401	1.028	0.01	-6.68369645	3.95E-09	**
siR_291503	4.2185	0.01	-8.72058632	3.03E-35	**
siR_291599	1.9852	0.01	-7.63314056	5.78E-17	**
siR_291606	1.418	0.01	-7.14771372	2.54E-12	**
siR_29164	13.7191	4.9601	-1.46774473	3.37E-27	**
siR_291641	1.5598	0.01	-7.28521726	1.75E-13	**
siR_291656	1.8079	0.01	-7.49817107	1.63E-15	**
siR_29166	2.5169	2.0885	-0.26918075	0.298578358	
siR_29170	2.0206	0.8951	-1.17466298	0.000528718	**
siR_291850	1.2053	0.01	-6.91324847	1.40E-10	**
siR_291924	1.2053	0.01	-6.91324847	1.40E-10	**
siR_291992	1.2053	0.01	-6.91324847	1.40E-10	**
siR_291999	1.2053	0.01	-6.91324847	1.40E-10	**
siR_292048	9.6424	0.01	-9.91324847	1.22E-79	**
siR_292049	5.4593	0.01	-9.09257214	2.12E-45	**
siR_292050	1.9497	0.01	-7.60710834	1.13E-16	**
siR_292051	1.418	0.01	-7.14771372	2.54E-12	**
siR_292092	1.028	0.01	-6.68369645	3.95E-09	**
siR_292096	1.1698	0.01	-6.87011809	2.73E-10	**
siR_29216	0.01	1.0069	6.6537766	3.63E-09	**
siR_29219	0.01	1.3426	7.06888574	5.63E-12	**
siR_292280	1.1344	0.01	-6.82578563	5.32E-10	**
siR_292327	15.4207	0.01	-10.59065252	6.19E-127	**
siR_292363	4.0058	0.01	-8.64594661	1.67E-33	**
siR_292448	13.4001	0.01	-10.38802803	2.14E-110	**
siR_292536	1.0635	0.01	-6.73267622	2.02E-09	**
siR_292579	1.4534	0.01	-7.18328801	1.30E-12	**
siR_292602	3.7931	0.01	-8.56723361	9.20E-32	**
siR_292659	1.2407	0.01	-6.95501051	7.17E-11	**
siR_292666	4.2894	0.01	-8.74463204	7.97E-36	**
siR_292717	1.5952	0.01	-7.31759351	8.99E-14	**
siR_29274	6.9482	6.5264	-0.09035187	0.548686396	
siR_292751	1.6307	0.01	-7.34934759	4.61E-14	**
siR_292816	1.3116	0.01	-7.035184	1.88E-11	**
siR_292856	2.0915	0.01	-7.70839418	7.79E-18	**
siR_292949	1.028	0.01	-6.68369645	3.95E-09	**
siR_292952	2.6942	0.01	-8.07371315	9.10E-23	**
siR_29296	1.0635	0.9696	-0.13335843	0.73604387	
siR_292987	1.8788	0.01	-7.55366769	4.29E-16	**
siR_293024	1.8788	0.01	-7.55366769	4.29E-16	**
siR_293169	1.3116	0.01	-7.035184	1.88E-11	**
siR_29317	0.01	6.7129	9.39079234	6.26E-57	**
siR_293185	1.1344	0.01	-6.82578563	5.32E-10	**

siR_293188	5.7074	0.01	-9.15668986	1.97E-47	**
siR_29326	0.01	153.5761	13.9066661	0	**
siR_29327	0.01	1.8274	7.51364865	4.92E-16	**
siR_29328	0.01	1.0069	6.6537766	3.63E-09	**
siR_293300	1.1344	0.01	-6.82578563	5.32E-10	**
siR_293317	1.6661	0.01	-7.38033118	2.36E-14	**
siR_29332	0.01	3.5802	8.48389637	1.05E-30	**
siR_29335	0.01	8.0928	9.66049513	1.76E-68	**
siR_293362	1.2762	0.01	-6.99571063	3.67E-11	**
siR_293399	1.7725	0.01	-7.46964183	3.18E-15	**
siR_293444	1.9497	0.01	-7.60710834	1.13E-16	**
siR_293445	1.5598	0.01	-7.28521726	1.75E-13	**
siR_293485	3.545	0.01	-8.4696418	9.89E-30	**
siR_293553	1.3471	0.01	-7.07371314	9.66E-12	**
siR_293596	2.7296	0.01	-8.09254576	4.66E-23	**
siR_29362	1.7016	0.8578	-0.98817872	0.005777092	
siR_293754	1.5952	0.01	-7.31759351	8.99E-14	**
siR_293810	4.6439	0.01	-8.85919308	1.00E-38	**
siR_293851	4.0413	0.01	-8.65867564	8.57E-34	**
siR_293879	1.2053	0.01	-6.91324847	1.40E-10	**
siR_293888	1.6661	0.01	-7.38033118	2.36E-14	**
siR_293932	3.1905	0.01	-8.31763871	7.88E-27	**
siR_293946	1.8434	0.01	-7.52622535	8.37E-16	**
siR_29395	1.0635	0.1492	-2.83350059	6.84E-06	**
siR_293956	2.3397	0.01	-7.87017976	7.25E-20	**
siR_294061	1.2053	0.01	-6.91324847	1.40E-10	**
siR_294080	1.2053	0.01	-6.91324847	1.40E-10	**
siR_294086	1.1698	0.01	-6.87011809	2.73E-10	**
siR_294092	5.1402	0.01	-9.00568068	8.67E-43	**
siR_294119	3.0487	0.01	-8.25205038	1.14E-25	**
siR_294123	1.3116	0.01	-7.035184	1.88E-11	**
siR_294128	1.2407	0.01	-6.95501051	7.17E-11	**
siR_294186	2.7296	0.01	-8.09254576	4.66E-23	**
siR_29421	0.01	1.1188	6.80580835	4.20E-10	**
siR_29424	62.4983	33.3407	-0.90653255	1.16E-55	
siR_29425	21.27	11.7476	-0.85645398	2.46E-18	
siR_29426	1.3116	0.7459	-0.81427367	0.04007629	
siR_294264	3.7577	0.01	-8.5537061	1.79E-31	**
siR_294281	1.028	0.01	-6.68369645	3.95E-09	**
siR_294287	15.7752	0.01	-10.62344255	7.77E-130	**
siR_294296	2.2333	0.01	-7.80303324	5.38E-19	**
siR_2943	2.3397	1.4172	-0.72328019	0.012838607	
siR_294303	6.9836	0.01	-9.44782715	7.07E-58	**
siR_294304	2.0915	0.01	-7.70839418	7.79E-18	**
siR_294305	1.5243	0.01	-7.25200305	3.42E-13	**
siR_294315	3.9704	0.01	-8.63314056	3.26E-33	**
siR_294327	1.5952	0.01	-7.31759351	8.99E-14	**

siR_294347	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_294361	6. 8418	0. 01	-9. 41823209	1. 02E-56	**
siR_294366	1. 7725	0. 01	-7. 46964183	3. 18E-15	**
siR_294439	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_294458	5. 8847	0. 01	-9. 20082503	6. 99E-49	**
siR_294468	6. 3101	0. 01	-9. 30151909	2. 30E-52	**
siR_294469	4. 5021	0. 01	-8. 81445427	1. 45E-37	**
siR_294483	2. 0915	0. 01	-7. 70839418	7. 79E-18	**
siR_294484	1. 737	0. 01	-7. 44045394	6. 21E-15	**
siR_294494	3. 5804	0. 01	-8. 48397698	5. 07E-30	**
siR_2945	1. 9852	1. 2307	-0. 68980523	0. 028100039	
siR_294539	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_294555	33. 0748	0. 01	-11. 69151666	1. 96E-271	**
siR_294556	2. 6233	0. 01	-8. 035239	3. 46E-22	**
siR_294557	2. 2333	0. 01	-7. 80303324	5. 38E-19	**
siR_294558	1. 9497	0. 01	-7. 60710834	1. 13E-16	**
siR_294559	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_294663	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_294676	3. 6513	0. 01	-8. 51226639	1. 33E-30	**
siR_294683	4. 2185	0. 01	-8. 72058632	3. 03E-35	**
siR_294687	2. 0206	0. 01	-7. 65863995	2. 96E-17	**
siR_294740	1. 9497	0. 01	-7. 60710834	1. 13E-16	**
siR_294750	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_294804	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_294884	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_294899	19. 462	0. 01	-10. 92644428	5. 17E-160	**
siR_294901	20. 4901	0. 01	-11. 00071121	1. 99E-168	**
siR_294902	4. 0058	0. 01	-8. 64594661	1. 67E-33	**
siR_295007	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_295023	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_295087	1. 8788	0. 01	-7. 55366769	4. 29E-16	**
siR_295111	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_295144	31. 0542	0. 01	-11. 60057284	6. 79E-255	**
siR_295169	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_295189	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_29531	1. 737	0. 7086	-1. 29355438	0. 00053939	**
siR_295358	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_29538	2. 6233	0. 5221	-2. 32898474	1. 39E-10	**
siR_295510	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_295519	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_29552	4. 8212	3. 8413	-0. 32779764	0. 081798361	
siR_29553	48. 5664	36. 9582	-0. 39406406	4. 53E-11	
siR_295575	1. 9852	0. 01	-7. 63314056	5. 78E-17	**
siR_295599	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_295703	7. 2672	0. 01	-9. 5052558	3. 38E-60	**
siR_295729	7. 1609	0. 01	-9. 48399712	2. 51E-59	**
siR_295740	1. 3116	0. 01	-7. 035184	1. 88E-11	**

siR_295920	1.028	0.01	-6.68369645	3.95E-09	**
siR_295933	5.0693	0.01	-8.98564277	3.30E-42	**
siR_29598	7.7635	5.0347	-0.62480139	6.26E-05	
siR_296053	4.6085	0.01	-8.84815347	1.95E-38	**
siR_29606	2.4815	1.6782	-0.5642978	0.039765706	
siR_296083	1.5243	0.01	-7.25200305	3.42E-13	**
siR_296109	1.3471	0.01	-7.07371314	9.66E-12	**
siR_296308	1.028	0.01	-6.68369645	3.95E-09	**
siR_29636	0.01	1.0069	6.6537766	3.63E-09	**
siR_296381	1.5243	0.01	-7.25200305	3.42E-13	**
siR_296426	2.0206	0.01	-7.65863995	2.96E-17	**
siR_296442	1.2762	0.01	-6.99571063	3.67E-11	**
siR_29652	1.2762	0.1492	-3.096535	2.35E-07	**
siR_296551	1.2762	0.01	-6.99571063	3.67E-11	**
siR_296584	6.6646	0.01	-9.38037452	2.89E-55	**
siR_296598	4.5376	0.01	-8.82578561	7.42E-38	**
siR_29669	1.6661	0.2984	-2.48115555	1.28E-07	**
siR_296721	9.6069	0.01	-9.90792717	2.39E-79	**
siR_296789	5.4947	0.01	-9.10189688	1.09E-45	**
siR_29681	1225.2568	236.8533	-2.37101848	0	**
siR_29682	12.6556	5.072	-1.31914926	1.10E-21	**
siR_29683	4.1122	0.4475	-3.19995085	1.18E-21	**
siR_29687	16.3424	2.3122	-2.82128177	2.67E-72	**
siR_296871	1.0635	0.01	-6.73267622	2.02E-09	**
siR_29688	2.0206	0.4102	-2.30038436	2.46E-08	**
siR_296929	1.1698	0.01	-6.87011809	2.73E-10	**
siR_29693	2.9069	0.4848	-2.58401984	6.94E-13	**
siR_29696	53.4231	11.673	-2.19428831	2.63E-174	**
siR_29698	4.2894	0.7459	-2.52372173	6.14E-18	**
siR_297015	1.9497	0.01	-7.60710834	1.13E-16	**
siR_297037	10.635	0.01	-10.0546043	9.19E-88	**
siR_29704	0.8862	1.6409	0.88878309	0.012627062	
siR_297055	4.0413	0.01	-8.65867564	8.57E-34	**
siR_29710	0.01	1.4172	7.14689956	1.34E-12	**
siR_297164	8.4371	0.01	-9.72060336	8.98E-70	**
siR_297171	1.2762	0.01	-6.99571063	3.67E-11	**
siR_297194	4.6085	0.01	-8.84815347	1.95E-38	**
siR_29720	18.5758	3.6548	-2.34555998	7.13E-67	**
siR_297296	1.418	0.01	-7.14771372	2.54E-12	**
siR_297306	2.446	0.01	-7.93428061	9.77E-21	**
siR_297357	5.4238	0.01	-9.08316017	4.14E-45	**
siR_29741	0.01	2.0885	7.70632333	3.21E-18	**
siR_297410	5.7783	0.01	-9.17450131	5.19E-48	**
siR_297413	1.2053	0.01	-6.91324847	1.40E-10	**
siR_297437	1.8788	0.01	-7.55366769	4.29E-16	**
siR_297460	1.5243	0.01	-7.25200305	3.42E-13	**
siR_297464	7.799	0.01	-9.60714531	1.50E-64	**

siR_297499	1.4889	0.01	-7.21810305	6.67E-13	**
siR_29754	0.01	66.3458	12.69578942	0	**
siR_297548	1.028	0.01	-6.68369645	3.95E-09	**
siR_297553	1.3471	0.01	-7.07371314	9.66E-12	**
siR_29757	0.01	15.4024	10.58893945	1.14E-129	**
siR_29758	0.01	1.1934	6.89893387	9.98E-11	**
siR_297582	1.4889	0.01	-7.21810305	6.67E-13	**
siR_29762	0.01	2.0139	7.65384824	1.35E-17	**
siR_297668	1.1344	0.01	-6.82578563	5.32E-10	**
siR_297681	3.2968	0.01	-8.36492254	1.06E-27	**
siR_297686	2.1624	0.01	-7.75648961	2.05E-18	**
siR_29769	0.01	39.7553	11.95693149	0	**
siR_297698	1.5598	0.01	-7.28521726	1.75E-13	**
siR_297700	2.0561	0.01	-7.68376661	1.52E-17	**
siR_297743	3.7931	0.01	-8.56723361	9.20E-32	**
siR_297785	1.028	0.01	-6.68369645	3.95E-09	**
siR_297921	2.1979	0.01	-7.77998195	1.05E-18	**
siR_2981	2.7296	1.902	-0.52117231	0.044629502	
siR_298148	1.737	0.01	-7.44045394	6.21E-15	**
siR_298190	3.7577	0.01	-8.5537061	1.79E-31	**
siR_2982	1.1698	0.7086	-0.72321852	0.080618428	
siR_298269	14.4636	0.01	-10.49821097	4.23E-119	**
siR_298294	1.737	0.01	-7.44045394	6.21E-15	**
siR_298317	1.7725	0.01	-7.46964183	3.18E-15	**
siR_298324	8.7561	0.01	-9.77414457	2.20E-72	**
siR_298327	3.2614	0.01	-8.34934759	2.07E-27	**
siR_298333	4.7857	0.01	-8.90258614	6.91E-40	**
siR_298343	2.1979	0.01	-7.77998195	1.05E-18	**
siR_298346	2.3751	0.01	-7.89184446	3.72E-20	**
siR_298350	9.6424	0.01	-9.91324847	1.22E-79	**
siR_298354	6.381	0.01	-9.31763871	6.06E-53	**
siR_298366	4.9275	0.01	-8.94471205	4.77E-41	**
siR_298444	1.1344	0.01	-6.82578563	5.32E-10	**
siR_298459	1.0989	0.01	-6.7799163	1.04E-09	**
siR_298483	1.2407	0.01	-6.95501051	7.17E-11	**
siR_298512	2.3042	0.01	-7.84812212	1.41E-19	**
siR_298560	7.0191	0.01	-9.45514222	3.63E-58	**
siR_29857	1.0635	0.5967	-0.83374235	0.060029399	
siR_298597	2.3751	0.01	-7.89184446	3.72E-20	**
siR_298611	1.1344	0.01	-6.82578563	5.32E-10	**
siR_298617	1.2053	0.01	-6.91324847	1.40E-10	**
siR_298622	4.4667	0.01	-8.80306553	2.82E-37	**
siR_298638	11.3085	0.01	-10.14319183	2.82E-93	**
siR_29865	3.6513	1.0442	-1.80601215	1.19E-10	**
siR_298657	25.843	0.01	-11.33555776	3.06E-212	**
siR_298661	13.1519	0.01	-10.36105555	2.30E-108	**
siR_298700	2.127	0.01	-7.73267621	3.99E-18	**

siR_29874	15.4916	4.8855	-1.66490803	2.56E-36	**
siR_298763	1.9497	0.01	-7.60710834	1.13E-16	**
siR_298895	1.9852	0.01	-7.63314056	5.78E-17	**
siR_298899	1.9143	0.01	-7.58067313	2.20E-16	**
siR_298929	1.7725	0.01	-7.46964183	3.18E-15	**
siR_298934	1.4534	0.01	-7.18328801	1.30E-12	**
siR_298946	2.5878	0.01	-8.0155823	6.75E-22	**
siR_298987	14.8181	0.01	-10.53314466	5.30E-122	**
siR_298990	3.9704	0.01	-8.63314056	3.26E-33	**
siR_299028	7.1963	0.01	-9.49111151	1.28E-59	**
siR_299068	1.3116	0.01	-7.035184	1.88E-11	**
siR_29907	2.6942	1.3426	-1.0048274	0.000409042	**
siR_29912	2.127	1.7155	-0.31019091	0.27488112	
siR_299159	15.6334	0.01	-10.61041591	1.12E-128	**
siR_299250	3.3323	0.01	-8.38037447	5.44E-28	**
siR_299367	1.2762	0.01	-6.99571063	3.67E-11	**
siR_299390	1.8788	0.01	-7.55366769	4.29E-16	**
siR_299499	1.0635	0.01	-6.73267622	2.02E-09	**
siR_299602	18.9657	0.01	-10.88917703	5.97E-156	**
siR_299784	2.2333	0.01	-7.80303324	5.38E-19	**
siR_29981	1.4534	0.6713	-1.11440226	0.004972851	**
siR_299834	2.1979	0.01	-7.77998195	1.05E-18	**
siR_299855	20.2065	0.01	-10.98060361	4.17E-166	**
siR_299878	84.9026	0.01	-13.0515933	0	**
siR_299881	2.7651	0.01	-8.11118786	2.39E-23	**
siR_299887	6.0265	0.01	-9.23517658	4.83E-50	**
siR_299934	4.6794	0.01	-8.87017976	5.13E-39	**
siR_29994	0.01	1.0815	6.75688986	8.62E-10	**
siR_299963	5.8138	0.01	-9.18333764	2.66E-48	**
siR_300035	1.2053	0.01	-6.91324847	1.40E-10	**
siR_300060	5.3175	0.01	-9.0546043	3.07E-44	**
siR_300063	6.9482	0.01	-9.44049544	1.38E-57	**
siR_30013	1.4534	1.4545	0.00109148	0.994534605	
siR_30016	1.2762	0.4848	-1.39639284	0.001733978	**
siR_30019	1.0989	0.4848	-1.1805985	0.010852128	*
siR_300245	1.3825	0.01	-7.11113566	4.95E-12	**
siR_30036	1.0989	0.5967	-0.88098242	0.045030158	
siR_30038	4.8921	1.902	-1.36293665	1.16E-09	**
siR_300383	1.7016	0.01	-7.41074813	1.21E-14	**
siR_300405	1.0635	0.01	-6.73267622	2.02E-09	**
siR_300481	10.5286	0.01	-10.04009789	6.82E-87	**
siR_300641	1.1698	0.01	-6.87011809	2.73E-10	**
siR_300651	10.4223	0.01	-10.02545799	5.06E-86	**
siR_300765	3.545	0.01	-8.4696418	9.89E-30	**
siR_300800	3.0841	0.01	-8.26870574	5.85E-26	**
siR_300801	2.5169	0.01	-7.97550407	2.57E-21	**
siR_300849	4.573	0.01	-8.83699711	3.81E-38	**

siR_300855	22.2626	0.01	-11.12040648	6.18E-183	**
siR_300914	2.1624	0.01	-7.75648961	2.05E-18	**
siR_300917	1.9497	0.01	-7.60710834	1.13E-16	**
siR_300959	16.307	0.01	-10.67127563	3.45E-134	**
siR_300974	3.9704	0.01	-8.63314056	3.26E-33	**
siR_300987	1.6307	0.01	-7.34934759	4.61E-14	**
siR_300988	2.3042	0.01	-7.84812212	1.41E-19	**
siR_300989	1.9852	0.01	-7.63314056	5.78E-17	**
siR_300995	2.4106	0.01	-7.91324847	1.91E-20	**
siR_301039	4.3249	0.01	-8.75652296	4.09E-36	**
siR_301049	8.1535	0.01	-9.67127563	1.88E-67	**
siR_301057	2.0206	0.01	-7.65863995	2.96E-17	**
siR_301060	3.545	0.01	-8.4696418	9.89E-30	**
siR_301078	1.2762	0.01	-6.99571063	3.67E-11	**
siR_301080	7.0545	0.01	-9.46240003	1.86E-58	**
siR_301099	1.7725	0.01	-7.46964183	3.18E-15	**
siR_301101	6.5937	0.01	-9.36494442	1.10E-54	**
siR_301139	12.4429	0.01	-10.281107	1.46E-102	**
siR_301142	37.3997	0.01	-11.86881111	7.82E-307	**
siR_301143	1.3471	0.01	-7.07371314	9.66E-12	**
siR_301147	11.5212	0.01	-10.17007535	5.12E-95	**
siR_301148	1.4889	0.01	-7.21810305	6.67E-13	**
siR_301161	2.1624	0.01	-7.75648961	2.05E-18	**
siR_301169	3.9349	0.01	-8.62018319	6.36E-33	**
siR_301172	6.1328	0.01	-9.26040207	6.51E-51	**
siR_301187	1.4889	0.01	-7.21810305	6.67E-13	**
siR_301199	5.8138	0.01	-9.18333764	2.66E-48	**
siR_30120	19.4266	10.1066	-0.94273569	1.43E-19	
siR_30121	13.2937	7.9809	-0.73611935	1.38E-09	
siR_301213	2.2333	0.01	-7.80303324	5.38E-19	**
siR_301232	1.8434	0.01	-7.52622535	8.37E-16	**
siR_301238	4.7148	0.01	-8.88105279	2.63E-39	**
siR_301239	1.9143	0.01	-7.58067313	2.20E-16	**
siR_301244	1.5952	0.01	-7.31759351	8.99E-14	**
siR_301249	13.4355	0.01	-10.39183435	1.10E-110	**
siR_3013	0.01	1.1561	6.85312238	2.05E-10	**
siR_301302	19.3911	0.01	-10.92117894	1.97E-159	**
siR_301304	23.6097	0.01	-11.20516408	5.82E-194	**
siR_301307	1.4534	0.01	-7.18328801	1.30E-12	**
siR_301313	1.5243	0.01	-7.25200305	3.42E-13	**
siR_301343	11.1667	0.01	-10.12498721	4.08E-92	**
siR_301345	1.418	0.01	-7.14771372	2.54E-12	**
siR_301366	1.4889	0.01	-7.21810305	6.67E-13	**
siR_30137	13.79	7.3096	-0.91575809	1.02E-13	
siR_301371	2.1979	0.01	-7.77998195	1.05E-18	**
siR_30138	1.2053	0.8951	-0.42927151	0.267810892	
siR_301386	1.3116	0.01	-7.035184	1.88E-11	**

siR_30139	1.4889	0.8951	-0.73412609	0.045190204	
siR_30146	0.01	4.9601	8.9542254	2.94E-42	**
siR_30147	0.01	3.5056	8.45351758	4.40E-30	**
siR_301478	3.3323	0.01	-8.38037447	5.44E-28	**
siR_3015	1.1344	2.0885	0.88053771	0.005175999	
siR_301552	2.0206	0.01	-7.65863995	2.96E-17	**
siR_301558	1.5598	0.01	-7.28521726	1.75E-13	**
siR_301559	1.4534	0.01	-7.18328801	1.30E-12	**
siR_301567	1.2407	0.01	-6.95501051	7.17E-11	**
siR_301572	2.6587	0.01	-8.05457718	1.77E-22	**
siR_30158	0.01	9.3608	9.87048802	4.28E-79	**
siR_301583	2.6942	0.01	-8.07371315	9.10E-23	**
siR_301584	1.028	0.01	-6.68369645	3.95E-09	**
siR_30159	0.01	2.0512	7.68032436	6.59E-18	**
siR_301594	1.9852	0.01	-7.63314056	5.78E-17	**
siR_3016	3.8995	1.7901	-1.12324897	3.09E-06	**
siR_30165	0.01	4.1769	8.70628879	1.06E-35	**
siR_301652	13.1165	0.01	-10.3571671	4.49E-108	**
siR_301659	15.1726	0.01	-10.56725266	6.65E-125	**
siR_301696	1.028	0.01	-6.68369645	3.95E-09	**
siR_301704	1.5598	0.01	-7.28521726	1.75E-13	**
siR_301777	5.2111	0.01	-9.02544416	2.28E-43	**
siR_30182	4.573	1.902	-1.26562367	2.77E-08	**
siR_301906	1.2053	0.01	-6.91324847	1.40E-10	**
siR_301967	3.9704	0.01	-8.63314056	3.26E-33	**
siR_302016	1.6661	0.01	-7.38033118	2.36E-14	**
siR_30207	1.3825	0.4848	-1.51181788	0.000534972	**
siR_302095	3.4741	0.01	-8.44049549	3.76E-29	**
siR_3021	0.01	1.0069	6.6537766	3.63E-09	**
siR_302127	1.2053	0.01	-6.91324847	1.40E-10	**
siR_302175	2.2333	0.01	-7.80303324	5.38E-19	**
siR_302186	2.446	0.01	-7.93428061	9.77E-21	**
siR_302252	2.1624	0.01	-7.75648961	2.05E-18	**
siR_302279	1.5952	0.01	-7.31759351	8.99E-14	**
siR_302321	1.5952	0.01	-7.31759351	8.99E-14	**
siR_302400	22.6171	0.01	-11.14319835	7.76E-186	**
siR_302404	10.3514	0.01	-10.01561019	1.93E-85	**
siR_302407	3.2614	0.01	-8.34934759	2.07E-27	**
siR_30243	30.7351	27.8212	-0.14370253	0.046034134	
siR_302455	4.3249	0.01	-8.75652296	4.09E-36	**
siR_302496	2.836	0.01	-8.14771372	6.28E-24	**
siR_302499	1.2407	0.01	-6.95501051	7.17E-11	**
siR_302514	2.5878	0.01	-8.0155823	6.75E-22	**
siR_302518	1.2762	0.01	-6.99571063	3.67E-11	**
siR_302522	1.3825	0.01	-7.11113566	4.95E-12	**
siR_302578	1.4534	0.01	-7.18328801	1.30E-12	**
siR_302590	1.737	0.01	-7.44045394	6.21E-15	**

siR_302613	197.7398	0.01	-14.2713159	0	**
siR_302638	2.5878	0.01	-8.0155823	6.75E-22	**
siR_302640	216.032	0.01	-14.39895861	0	**
siR_302641	4.8921	0.01	-8.93431011	9.31E-41	**
siR_302656	4.8921	0.01	-8.93431011	9.31E-41	**
siR_3027	0.01	4.4753	8.80584059	3.37E-38	**
siR_302707	23.9996	0.01	-11.22879468	3.74E-197	**
siR_302717	1.6307	0.01	-7.34934759	4.61E-14	**
siR_302719	1.0635	0.01	-6.73267622	2.02E-09	**
siR_302731	6.2037	0.01	-9.27698508	1.71E-51	**
siR_302742	2.9069	0.01	-8.18333764	1.65E-24	**
siR_302745	1.2053	0.01	-6.91324847	1.40E-10	**
siR_302783	3.5095	0.01	-8.45512172	1.93E-29	**
siR_302812	44.7378	0.01	-12.12727876	0	**
siR_302816	17.2641	0.01	-10.75355937	5.05E-142	**
siR_302822	90.0783	0.01	-13.13696426	0	**
siR_302880	7.1254	0.01	-9.47682718	4.89E-59	**
siR_302895	31.6214	0.01	-11.62668568	1.55E-259	**
siR_302943	4.3603	0.01	-8.76828358	2.10E-36	**
siR_302956	2.4106	0.01	-7.91324847	1.91E-20	**
siR_302960	1.9852	0.01	-7.63314056	5.78E-17	**
siR_303022	2.2688	0.01	-7.82578561	2.76E-19	**
siR_303025	1.028	0.01	-6.68369645	3.95E-09	**
siR_303076	1.418	0.01	-7.14771372	2.54E-12	**
siR_303085	1.7016	0.01	-7.41074813	1.21E-14	**
siR_3031	3.9349	2.797	-0.49244672	0.021807658	
siR_303100	1.0635	0.01	-6.73267622	2.02E-09	**
siR_303150	1.1698	0.01	-6.87011809	2.73E-10	**
siR_303161	3.6159	0.01	-8.49821097	2.60E-30	**
siR_303171	13.3292	0.01	-10.38037443	8.15E-110	**
siR_303174	1.1344	0.01	-6.82578563	5.32E-10	**
siR_303175	1.8434	0.01	-7.52622535	8.37E-16	**
siR_303176	4.2894	0.01	-8.74463204	7.97E-36	**
siR_30319	4.3958	3.2446	-0.43808512	0.029391782	
siR_3032	1.9497	1.529	-0.35066375	0.240835039	
siR_303254	1.6307	0.01	-7.34934759	4.61E-14	**
siR_303282	1.4889	0.01	-7.21810305	6.67E-13	**
siR_303306	1.418	0.01	-7.14771372	2.54E-12	**
siR_303479	1.5598	0.01	-7.28521726	1.75E-13	**
siR_303482	6.5582	0.01	-9.35715612	2.15E-54	**
siR_303505	4.2894	0.01	-8.74463204	7.97E-36	**
siR_303507	14.2863	0.01	-10.48041661	1.19E-117	**
siR_303522	2.8005	0.01	-8.12954063	1.23E-23	**
siR_303540	1.418	0.01	-7.14771372	2.54E-12	**
siR_303543	2.4815	0.01	-7.95506863	5.01E-21	**
siR_303551	5.282	0.01	-9.04494046	5.99E-44	**
siR_303553	4.3249	0.01	-8.75652296	4.09E-36	**

siR_30360	0.01	8.9132	9.79979967	2.39E-75	**
siR_303611	2.0206	0.01	-7.65863995	2.96E-17	**
siR_303798	1.5243	0.01	-7.25200305	3.42E-13	**
siR_303809	1.5952	0.01	-7.31759351	8.99E-14	**
siR_30392	4.8212	1.6409	-1.55490496	2.65E-11	**
siR_303925	1.418	0.01	-7.14771372	2.54E-12	**
siR_303926	1.3471	0.01	-7.07371314	9.66E-12	**
siR_30393	1.1344	0.3356	-1.75711482	0.000500636	**
siR_3040	60.9739	33.378	-0.86929431	9.44E-51	
siR_3041	5.3175	2.2003	-1.27304789	1.73E-09	**
siR_30421	0.01	2.2003	7.78155643	3.72E-19	**
siR_30424	0.01	1.4918	7.22091032	3.17E-13	**
siR_30428	0.01	1.4172	7.14689956	1.34E-12	**
siR_304289	1.737	0.01	-7.44045394	6.21E-15	**
siR_30439	0.01	1.0069	6.6537766	3.63E-09	**
siR_30452	68.3475	44.7153	-0.61212001	1.55E-31	
siR_30453	25.8076	14.9548	-0.78718737	3.52E-19	
siR_30454	8.827	3.804	-1.21440595	7.07E-14	**
siR_30455	2.0561	2.1258	0.04809544	0.856483635	
siR_30457	1.9143	0.634	-1.59426219	2.13E-05	**
siR_304603	1.7016	0.01	-7.41074813	1.21E-14	**
siR_30463	28.9981	20.5862	-0.49428083	3.59E-10	
siR_30464	24.6023	15.4397	-0.67214847	2.67E-14	
siR_30465	3.0841	1.7901	-0.78480936	0.002127844	
siR_30466	1.2407	1.3053	0.07322711	0.830255381	
siR_30467	1.5243	1.0442	-0.54574881	0.119431711	
siR_30475	0.01	28.4925	11.4763665	3.04E-239	**
siR_30476	0.01	20.2133	10.98108916	6.12E-170	**
siR_30477	0.01	4.6244	8.85312238	1.90E-39	**
siR_30478	0.01	3.7667	8.55715732	2.87E-32	**
siR_304781	6.7709	0.01	-9.40320384	3.90E-56	**
siR_304826	1.0635	0.01	-6.73267622	2.02E-09	**
siR_30483	183.099	87.8271	-1.05988584	5.14E-206	**
siR_304835	2.0915	0.01	-7.70839418	7.79E-18	**
siR_30484	137.5104	74.6623	-0.88108888	1.07E-114	
siR_30485	10.1387	6.1535	-0.72039355	2.11E-07	
siR_30486	5.7074	3.8413	-0.57123904	0.00155076	
siR_304860	1.7725	0.01	-7.46964183	3.18E-15	**
siR_304861	1.2407	0.01	-6.95501051	7.17E-11	**
siR_304890	2.4106	0.01	-7.91324847	1.91E-20	**
siR_30492	0.01	1.268	6.98641094	2.37E-11	**
siR_304971	2.6233	0.01	-8.035239	3.46E-22	**
siR_30501	0.01	18.3486	10.84145427	2.49E-154	**
siR_30502	0.01	1.2307	6.94333532	4.86E-11	**
siR_305039	5.4947	0.01	-9.10189688	1.09E-45	**
siR_305050	6.0619	0.01	-9.24362624	2.48E-50	**
siR_305118	1.7725	0.01	-7.46964183	3.18E-15	**

siR_30512	60.3713	37.5922	-0.68342952	9.61E-34	
siR_305121	1.5952	0.01	-7.31759351	8.99E-14	**
siR_305125	1.0635	0.01	-6.73267622	2.02E-09	**
siR_30513	49.7717	33.8255	-0.5572144	5.07E-20	
siR_305132	1.5952	0.01	-7.31759351	8.99E-14	**
siR_305134	2.3397	0.01	-7.87017976	7.25E-20	**
siR_30514	12.1593	9.2116	-0.40053651	0.000831439	
siR_30515	2.127	1.4918	-0.5117659	0.08176816	
siR_30522	110.9938	64.2573	-0.78854682	3.20E-77	
siR_30523	16.0234	8.2047	-0.96565782	5.13E-17	
siR_30524	4.0058	2.163	-0.88905673	9.66E-05	
siR_30525	4.2185	1.8274	-1.20693764	2.76E-07	**
siR_30526	3.0487	1.6409	-0.89370687	0.000645306	
siR_30527	4.4312	1.0815	-2.03466378	1.46E-14	**
siR_30533	1.1698	0.5967	-0.97118421	0.024714955	
siR_305367	6.6646	0.01	-9.38037452	2.89E-55	**
siR_305376	1.2053	0.01	-6.91324847	1.40E-10	**
siR_305453	1.0989	0.01	-6.7799163	1.04E-09	**
siR_305454	3.4386	0.01	-8.42567749	7.34E-29	**
siR_30547	5.7783	2.3495	-1.29829134	1.83E-10	**
siR_305475	1.5598	0.01	-7.28521726	1.75E-13	**
siR_305510	3.545	0.01	-8.4696418	9.89E-30	**
siR_305559	2.0561	0.01	-7.68376661	1.52E-17	**
siR_30556	4.8921	2.9089	-0.74998019	0.000193843	
siR_30557	5.6365	2.6106	-1.11041817	2.63E-08	**
siR_30558	3.0841	2.1258	-0.53684367	0.028209785	
siR_305621	18.8948	0.01	-10.88377365	2.27E-155	**
siR_305711	1.3116	0.01	-7.035184	1.88E-11	**
siR_30582	2.2688	1.5663	-0.53456887	0.061356042	
siR_30583	1.028	1.0442	0.0225578	0.949940384	
siR_305850	2.6233	0.01	-8.035239	3.46E-22	**
siR_30587	44.9151	23.7189	-0.92116344	1.50E-41	
siR_305875	1.2762	0.01	-6.99571063	3.67E-11	**
siR_30588	16.8033	8.5776	-0.97009865	6.79E-18	
siR_30589	1.5243	1.1934	-0.35306919	0.297736258	
siR_30592	2.9423	2.3122	-0.34767816	0.151643068	
siR_305926	2.3397	0.01	-7.87017976	7.25E-20	**
siR_305935	10.3868	0.01	-10.02053558	9.87E-86	**
siR_306021	3.0132	0.01	-8.23515263	2.23E-25	**
siR_306050	1.0635	0.01	-6.73267622	2.02E-09	**
siR_306053	4.0058	0.01	-8.64594661	1.67E-33	**
siR_30610	0.01	8.0555	9.65383033	3.61E-68	**
siR_30611	0.01	5.5941	9.12776223	1.45E-47	**
siR_30618	1.1344	0.634	-0.83937469	0.050540314	
siR_306205	12.6911	0.01	-10.30960134	1.36E-104	**
siR_30622	2.6233	2.6852	0.03364674	0.886272722	
siR_306252	1.0635	0.01	-6.73267622	2.02E-09	**

siR_30629	77.5291	48.8177	-0.66733359	3.71E-41	
siR_30630	30.2034	14.8803	-1.02130735	1.68E-33	**
siR_30631	4.2894	3.3937	-0.33791682	0.091322346	
siR_30632	2.6233	2.0512	-0.35491464	0.167800849	
siR_30633	1.3116	0.9696	-0.4358662	0.240578977	
siR_306369	1.9143	0.01	-7.58067313	2.20E-16	**
siR_30638	0.01	7.4961	9.54999639	1.74E-63	**
siR_30644	1.5952	1.0442	-0.61133925	0.07756025	
siR_306469	2.2688	0.01	-7.82578561	2.76E-19	**
siR_30648	1.9497	0.7832	-1.31579948	0.000200133	**
siR_306505	2.6587	0.01	-8.05457718	1.77E-22	**
siR_30651	8.6143	3.6175	-1.25174055	3.64E-14	**
siR_306513	1.3471	0.01	-7.07371314	9.66E-12	**
siR_30652	3.7222	1.9766	-0.91313463	0.000121613	
siR_306528	5.9201	0.01	-9.2094777	3.58E-49	**
siR_30654	1.0989	0.6713	-0.71103056	0.095545863	
siR_30655	2.1624	0.5594	-1.95068126	1.98E-07	**
siR_306558	1.2053	0.01	-6.91324847	1.40E-10	**
siR_30667	0.01	4.6244	8.85312238	1.90E-39	**
siR_30668	0.01	3.5429	8.46878694	2.15E-30	**
siR_306684	6.5937	0.01	-9.36494442	1.10E-54	**
siR_306685	4.0767	0.01	-8.67125799	4.39E-34	**
siR_30669	0.01	1.0815	6.75688986	8.62E-10	**
siR_30674	19.6038	15.738	-0.31688112	0.000653508	
siR_30675	6.6646	6.601	-0.01383369	0.928594901	
siR_30676	4.3958	4.5871	0.06145661	0.736746297	
siR_30677	1.6307	0.9696	-0.75002979	0.032577757	
siR_30693	4.4667	2.7225	-0.71427731	0.000645052	
siR_30694	1.1344	0.4848	-1.22646783	0.007625228	**
siR_30700	10.7413	5.333	-1.01014938	1.07E-12	**
siR_30701	7.3736	4.5499	-0.69653432	1.75E-05	
siR_30702	3.2259	2.6852	-0.26467217	0.246114785	
siR_30716	15.1017	8.5776	-0.81606502	1.67E-12	
siR_30720	93.517	60.9009	-0.6187651	2.56E-43	
siR_307240	1.2407	0.01	-6.95501051	7.17E-11	**
siR_30727	8.6143	6.974	-0.3047472	0.029631825	
siR_307290	1.2407	0.01	-6.95501051	7.17E-11	**
siR_307333	1.3825	0.01	-7.11113566	4.95E-12	**
siR_307346	4.0058	0.01	-8.64594661	1.67E-33	**
siR_307348	1.0635	0.01	-6.73267622	2.02E-09	**
siR_307354	1.3825	0.01	-7.11113566	4.95E-12	**
siR_307433	3.5804	0.01	-8.48397698	5.07E-30	**
siR_307441	1.4534	0.01	-7.18328801	1.30E-12	**
siR_30748	1.0635	0.634	-0.74626529	0.087380955	
siR_307495	8.2953	0.01	-9.69615036	1.30E-68	**
siR_307583	1.5243	0.01	-7.25200305	3.42E-13	**
siR_30763	1.418	0.6713	-1.07882799	0.006897488	**

siR_307653	1.2407	0.01	-6.95501051	7.17E-11	**
siR_3077	0.8862	1.0815	0.28732943	0.466872116	
siR_307836	1.7725	0.01	-7.46964183	3.18E-15	**
siR_307897	6.1328	0.01	-9.26040207	6.51E-51	**
siR_307903	1.6307	0.01	-7.34934759	4.61E-14	**
siR_307934	1.8434	0.01	-7.52622535	8.37E-16	**
siR_307970	1.028	0.01	-6.68369645	3.95E-09	**
siR_308000	1.0989	0.01	-6.7799163	1.04E-09	**
siR_30801	23.5742	10.9644	-1.10438195	6.95E-30	**
siR_30804	1.8434	0.9696	-0.92690755	0.00641681	
siR_30812	2.2688	1.1934	-0.92685176	0.002453239	
siR_308173	8.0471	0.01	-9.65232515	1.40E-66	**
siR_308214	1.8079	0.01	-7.49817107	1.63E-15	**
siR_308298	3.7931	0.01	-8.56723361	9.20E-32	**
siR_308302	2.127	0.01	-7.73267621	3.99E-18	**
siR_308303	3.6513	0.01	-8.51226639	1.33E-30	**
siR_308311	10.1387	0.01	-9.98565703	1.06E-83	**
siR_308329	1.028	0.01	-6.68369645	3.95E-09	**
siR_308334	4.3958	0.01	-8.77998192	1.07E-36	**
siR_308462	3.5095	0.01	-8.45512172	1.93E-29	**
siR_308680	1.8079	0.01	-7.49817107	1.63E-15	**
siR_30872	2.2688	0.9696	-1.22646783	0.000143035	**
siR_308783	1.1344	0.01	-6.82578563	5.32E-10	**
siR_308785	5.2466	0.01	-9.03523897	1.17E-43	**
siR_308786	1.8434	0.01	-7.52622535	8.37E-16	**
siR_30886	1.7725	0.7832	-1.17833296	0.001154208	**
siR_308870	1.0635	0.01	-6.73267622	2.02E-09	**
siR_30896	2.4815	0.2238	-3.47093051	1.74E-14	**
siR_308962	1.2053	0.01	-6.91324847	1.40E-10	**
siR_308965	1.2762	0.01	-6.99571063	3.67E-11	**
siR_30901	0.5317	1.3053	1.29569705	0.002583547	**
siR_309053	3.1196	0.01	-8.28521723	3.00E-26	**
siR_309102	9.2524	0.01	-9.85368377	1.90E-76	**
siR_309103	7.5508	0.01	-9.56048567	1.61E-62	**
siR_309104	4.7857	0.01	-8.90258614	6.91E-40	**
siR_309108	3.7577	0.01	-8.5537061	1.79E-31	**
siR_309109	1.0989	0.01	-6.7799163	1.04E-09	**
siR_309118	22.1562	0.01	-11.11349486	4.59E-182	**
siR_309119	6.0619	0.01	-9.24362624	2.48E-50	**
siR_30912	6.0619	4.8855	-0.31126383	0.062919255	
siR_309120	1.418	0.01	-7.14771372	2.54E-12	**
siR_309121	1.0635	0.01	-6.73267622	2.02E-09	**
siR_309138	15.2789	0.01	-10.57732492	8.96E-126	**
siR_309139	11.4858	0.01	-10.16563558	9.99E-95	**
siR_30914	48.1765	19.8776	-1.27718601	3.31E-74	**
siR_309140	2.1624	0.01	-7.75648961	2.05E-18	**
siR_309141	1.418	0.01	-7.14771372	2.54E-12	**

siR_309142	1.1698	0.01	-6.87011809	2.73E-10	**
siR_309143	1.1698	0.01	-6.87011809	2.73E-10	**
siR_309179	38.0378	0.01	-11.89321799	367689650498e	**
siR_30918	6.2037	1.8647	-1.73418538	2.82E-16	**
siR_309180	16.0588	0.01	-10.64914846	3.71E-132	**
siR_309181	4.1122	0.01	-8.68376664	2.25E-34	**
siR_309182	3.5804	0.01	-8.48397698	5.07E-30	**
siR_309183	1.8079	0.01	-7.49817107	1.63E-15	**
siR_309184	1.7725	0.01	-7.46964183	3.18E-15	**
siR_309185	1.5952	0.01	-7.31759351	8.99E-14	**
siR_309199	6.9836	0.01	-9.44782715	7.07E-58	**
siR_309200	3.864	0.01	-8.59395129	2.42E-32	**
siR_309201	1.3116	0.01	-7.035184	1.88E-11	**
siR_309211	1.737	0.01	-7.44045394	6.21E-15	**
siR_309254	1.5243	0.01	-7.25200305	3.42E-13	**
siR_309255	1.1698	0.01	-6.87011809	2.73E-10	**
siR_309259	4.9275	0.01	-8.94471205	4.77E-41	**
siR_309260	3.9704	0.01	-8.63314056	3.26E-33	**
siR_309261	1.2407	0.01	-6.95501051	7.17E-11	**
siR_309375	2.6942	0.01	-8.07371315	9.10E-23	**
siR_309390	1.9143	0.01	-7.58067313	2.20E-16	**
siR_309391	1.4534	0.01	-7.18328801	1.30E-12	**
siR_30942	1.6661	0.7459	-1.15942086	0.001878284	**
siR_309445	1.4534	0.01	-7.18328801	1.30E-12	**
siR_30945	1.1344	0.3356	-1.75711482	0.000500636	**
siR_309463	2.9423	0.01	-8.20080054	8.47E-25	**
siR_309518	3.8995	0.01	-8.60714536	1.24E-32	**
siR_30953	11.0958	3.5802	-1.6319016	9.19E-26	**
siR_30954	1.4534	0.7086	-1.03638844	0.008088782	**
siR_309550	1.2053	0.01	-6.91324847	1.40E-10	**
siR_30966	23.2197	14.2463	-0.70476206	1.25E-14	**
siR_309661	1.2407	0.01	-6.95501051	7.17E-11	**
siR_309673	1.3116	0.01	-7.035184	1.88E-11	**
siR_30969	1.2053	0.3729	-1.69253158	0.000467353	**
siR_30972	1.2762	0.1492	-3.096535	2.35E-07	**
siR_309936	22.6171	0.01	-11.14319835	7.76E-186	**
siR_310015	1.7725	0.01	-7.46964183	3.18E-15	**
siR_310016	2.5878	0.01	-8.0155823	6.75E-22	**
siR_310033	2.446	0.01	-7.93428061	9.77E-21	**
siR_31004	34.5992	14.2463	-1.2801514	5.54E-54	**
siR_31005	9.0397	3.9531	-1.19329044	7.89E-14	**
siR_310149	4.8212	0.01	-8.91324847	3.54E-40	**
siR_31017	11.2022	4.8482	-1.20826097	4.33E-17	**
siR_31018	4.0058	1.1934	-1.74701271	4.22E-11	**
siR_31020	1.2407	0.6713	-0.88612477	0.0320329	**
siR_310216	1.028	0.01	-6.68369645	3.95E-09	**
siR_310225	1.9852	0.01	-7.63314056	5.78E-17	**

siR_310243	1.3825	0.01	-7.1113566	4.95E-12	**
siR_310378	1.0989	0.01	-6.7799163	1.04E-09	**
siR_31038	1.9852	1.0815	-0.87625069	0.006940346	
siR_31043	5.4947	2.6479	-1.05319208	1.42E-07	**
siR_310457	2.6233	0.01	-8.035239	3.46E-22	**
siR_310531	201.0012	0.01	-14.29491785	0	**
siR_31054	12.5138	11.9713	-0.06394012	0.566619204	
siR_31056	26.2684	11.4119	-1.20278932	1.05E-37	**
siR_310570	3.5095	0.01	-8.45512172	1.93E-29	**
siR_31058	3.7931	2.0512	-0.88690924	0.000153374	
siR_310581	3.9349	0.01	-8.62018319	6.36E-33	**
siR_31063	2.9423	1.4918	-0.97989022	0.000295135	
siR_310655	1.028	0.01	-6.68369645	3.95E-09	**
siR_310690	1.2407	0.01	-6.95501051	7.17E-11	**
siR_3108	0.01	2.2749	7.82965932	8.83E-20	**
siR_31081	1.0989	0.3356	-1.71124549	0.000775199	**
siR_31085	0.01	3.2446	8.34189682	6.75E-28	**
siR_31087	1.2407	1.1188	-0.14920216	0.683020116	
siR_311001	1.0989	0.01	-6.7799163	1.04E-09	**
siR_31102	1.1344	0.5594	-1.01997728	0.02136103	*
siR_311022	2.7651	0.01	-8.11118786	2.39E-23	**
siR_31103	2.2688	0.7832	-1.53447677	6.54E-06	**
siR_311033	1.5243	0.01	-7.25200305	3.42E-13	**
siR_31104	0.01	1.6409	7.35834351	1.79E-14	**
siR_311061	16.1297	0.01	-10.65550397	9.74E-133	**
siR_311076	1.5598	0.01	-7.28521726	1.75E-13	**
siR_311105	2.836	0.01	-8.14771372	6.28E-24	**
siR_31111	0.01	21.2575	11.05375622	1.11E-178	**
siR_311166	8.6143	0.01	-9.75058979	3.18E-71	**
siR_311184	6.2392	0.01	-9.28521723	8.77E-52	**
siR_31119	0.01	308.7186	14.91400479	0	**
siR_31120	0.01	6.974	9.44584255	4.08E-59	**
siR_31121	0.01	2.6106	8.02823761	1.37E-22	**
siR_311215	1.2053	0.01	-6.91324847	1.40E-10	**
siR_31128	0.01	56.6867	12.46879457	0	**
siR_31129	0.01	2.6479	8.04870483	6.67E-23	**
siR_31130	0.01	2.536	7.98641094	5.76E-22	**
siR_31138	0.01	8.9132	9.79979967	2.39E-75	**
siR_311420	1.3116	0.01	-7.035184	1.88E-11	**
siR_311457	1.5243	0.01	-7.25200305	3.42E-13	**
siR_311477	1.2762	0.01	-6.99571063	3.67E-11	**
siR_31149	40.732	23.7562	-0.77785857	8.68E-29	
siR_311511	13.3292	0.01	-10.38037443	8.15E-110	**
siR_311523	13.8255	0.01	-10.43311603	7.06E-114	**
siR_311526	1.8079	0.01	-7.49817107	1.63E-15	**
siR_31156	0.01	17.1925	10.74756363	1.18E-144	**
siR_311576	2.1979	0.01	-7.77998195	1.05E-18	**

siR_311595	1.737	0.01	-7.44045394	6.21E-15	**
siR_3116	2.6233	1.1934	-1.13630512	0.000116635	**
siR_311667	5.9201	0.01	-9.2094777	3.58E-49	**
siR_31169	1.737	0.8205	-1.08202252	0.002661787	**
siR_31171	3.3323	2.163	-0.62348462	0.009053451	
siR_311721	14.6054	0.01	-10.51228609	2.92E-120	**
siR_311726	1.4534	0.01	-7.18328801	1.30E-12	**
siR_311731	4.1831	0.01	-8.70842867	5.92E-35	**
siR_31174	4.4667	2.0885	-1.09674222	9.59E-07	**
siR_311747	1.4534	0.01	-7.18328801	1.30E-12	**
siR_31185	1.3825	0.7086	-0.96423611	0.014998473	
siR_31188	1.2762	0.7832	-0.70440177	0.074231739	
siR_311922	1.0989	0.01	-6.7799163	1.04E-09	**
siR_311963	2.3042	0.01	-7.84812212	1.41E-19	**
siR_31198	0.01	3.1327	8.29126281	5.83E-27	**
siR_31200	0.01	2.0885	7.70632333	3.21E-18	**
siR_31207	2.3751	1.1934	-0.99291058	0.00102688	
siR_31222	13.79	8.9505	-0.62358227	9.79E-08	
siR_312226	3.6513	0.01	-8.51226639	1.33E-30	**
siR_312269	1.7725	0.01	-7.46964183	3.18E-15	**
siR_31228	7.1254	1.268	-2.49041626	1.92E-28	**
siR_31229	1.9497	0.5594	-1.80129999	2.93E-06	**
siR_31230	9.8551	4.7363	-1.05711005	1.45E-12	**
siR_312306	1.2407	0.01	-6.95501051	7.17E-11	**
siR_312309	2.2688	0.01	-7.82578561	2.76E-19	**
siR_31232	3.4032	1.0815	-1.65385827	5.08E-09	**
siR_312403	1.028	0.01	-6.68369645	3.95E-09	**
siR_312443	2.1979	0.01	-7.77998195	1.05E-18	**
siR_312469	1.7725	0.01	-7.46964183	3.18E-15	**
siR_312510	2.6942	0.01	-8.07371315	9.10E-23	**
siR_312563	1.4889	0.01	-7.21810305	6.67E-13	**
siR_312658	2.127	0.01	-7.73267621	3.99E-18	**
siR_312709	5.5656	0.01	-9.12039339	2.86E-46	**
siR_31271	3.4741	1.2307	-1.49716015	3.93E-08	**
siR_312710	3.5804	0.01	-8.48397698	5.07E-30	**
siR_312712	1.6661	0.01	-7.38033118	2.36E-14	**
siR_312719	1.418	0.01	-7.14771372	2.54E-12	**
siR_31273	2.8005	0.5221	-2.42328636	1.11E-11	**
siR_312748	3.0487	0.01	-8.25205038	1.14E-25	**
siR_31275	12.1239	4.8109	-1.33347514	3.67E-21	**
siR_312777	3.6159	0.01	-8.49821097	2.60E-30	**
siR_312778	1.9143	0.01	-7.58067313	2.20E-16	**
siR_312795	3.3677	0.01	-8.39561983	2.79E-28	**
siR_312830	1.3116	0.01	-7.035184	1.88E-11	**
siR_312869	2.1624	0.01	-7.75648961	2.05E-18	**
siR_312895	2.446	0.01	-7.93428061	9.77E-21	**
siR_312920	3.6159	0.01	-8.49821097	2.60E-30	**

siR_312927	6.4164	0.01	-9.3256203	3.11E-53	**
siR_312972	1.9497	0.01	-7.60710834	1.13E-16	**
siR_3130	0.01	1.7155	7.42248532	4.25E-15	**
siR_313035	1.5243	0.01	-7.25200305	3.42E-13	**
siR_313036	1.2407	0.01	-6.95501051	7.17E-11	**
siR_31304	0.01	1.529	7.2564446	1.55E-13	**
siR_31317	16.6615	10.2185	-0.70533485	6.37E-11	
siR_313181	1.3471	0.01	-7.07371314	9.66E-12	**
siR_31321	4.1122	2.4987	-0.71873273	0.001000216	
siR_313282	22.8298	0.01	-11.15670246	1.41E-187	**
siR_313334	9.8551	0.01	-9.94472677	2.22E-81	**
siR_313340	6.0619	0.01	-9.24362624	2.48E-50	**
siR_313344	2.3042	0.01	-7.84812212	1.41E-19	**
siR_313360	1.0989	0.01	-6.7799163	1.04E-09	**
siR_313375	2.9423	0.01	-8.20080054	8.47E-25	**
siR_31338	7.7281	6.7875	-0.18723347	0.196691403	
siR_313434	1.7725	0.01	-7.46964183	3.18E-15	**
siR_31350	13.1874	3.7294	-1.82214471	4.08E-35	**
siR_31353	1.028	0.4102	-1.32544087	0.007079856	**
siR_313535	1.6307	0.01	-7.34934759	4.61E-14	**
siR_313536	1.0635	0.01	-6.73267622	2.02E-09	**
siR_31354	1.3825	0.4848	-1.51181788	0.000534972	**
siR_313620	1.8079	0.01	-7.49817107	1.63E-15	**
siR_31365	0.01	3.7294	8.54279973	5.90E-32	**
siR_31368	2.4106	0.9323	-1.37052611	1.93E-05	**
siR_313688	3.864	0.01	-8.59395129	2.42E-32	**
siR_31371	32.8976	16.0364	-1.03663203	3.37E-37	**
siR_313714	2.0561	0.01	-7.68376661	1.52E-17	**
siR_31372	1.1344	0.5967	-0.92685176	0.033495577	
siR_313731	1.0635	0.01	-6.73267622	2.02E-09	**
siR_313773	1.1344	0.01	-6.82578563	5.32E-10	**
siR_3138	0.01	1.4918	7.22091032	3.17E-13	**
siR_313884	1.1344	0.01	-6.82578563	5.32E-10	**
siR_3139	0.01	1.3053	7.02823761	1.15E-11	**
siR_313957	1.1698	0.01	-6.87011809	2.73E-10	**
siR_313960	1.5243	0.01	-7.25200305	3.42E-13	**
siR_31402	1.1344	0.1492	-2.92661	2.25E-06	**
siR_31405	6.1328	4.065	-0.59329055	0.000686371	
siR_314128	1.3825	0.01	-7.11113566	4.95E-12	**
siR_314256	2.0561	0.01	-7.68376661	1.52E-17	**
siR_31431	7.3027	2.2003	-1.73072972	7.47E-19	**
siR_314331	2.4106	0.01	-7.91324847	1.91E-20	**
siR_314332	1.8788	0.01	-7.55366769	4.29E-16	**
siR_31434	1.3471	0.6713	-1.0048274	0.013015658	*
siR_314481	1.2762	0.01	-6.99571063	3.67E-11	**
siR_31450	1.0989	0.2984	-1.88074067	0.000335467	**
siR_314508	1.0989	0.01	-6.7799163	1.04E-09	**

siR_314529	1. 5952	0. 01	-7. 31759351	8. 99E-14	**
siR_31453	1. 5598	1. 0069	-0. 63144065	0. 072523267	
siR_31461	1. 8079	1. 1561	-0. 64504869	0. 048445034	
siR_314621	3. 3323	0. 01	-8. 38037447	5. 44E-28	**
siR_314701	2. 0206	0. 01	-7. 65863995	2. 96E-17	**
siR_31487	1. 0635	0. 4475	-1. 24886045	0. 008857046	**
siR_314895	13. 8255	0. 01	-10. 43311603	7. 06E-114	**
siR_314896	2. 7651	0. 01	-8. 11118786	2. 39E-23	**
siR_314903	2. 3042	0. 01	-7. 84812212	1. 41E-19	**
siR_314934	2. 9069	0. 01	-8. 18333764	1. 65E-24	**
siR_314983	4. 8921	0. 01	-8. 93431011	9. 31E-41	**
siR_315006	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_31504	0. 01	2. 4241	7. 9213054	4. 98E-21	**
siR_315058	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_31507	0. 01	1. 9766	7. 62687714	2. 78E-17	**
siR_315081	4. 1476	0. 01	-8. 69613295	1. 15E-34	**
siR_315084	1. 7725	0. 01	-7. 46964183	3. 18E-15	**
siR_315184	3. 155	0. 01	-8. 3014962	1. 54E-26	**
siR_3152	6. 0619	2. 7225	-1. 154838	2. 58E-09	**
siR_315273	13. 1519	0. 01	-10. 36105555	2. 30E-108	**
siR_315278	17. 6895	0. 01	-10. 78867756	1. 67E-145	**
siR_315279	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_315283	2. 5169	0. 01	-7. 97550407	2. 57E-21	**
siR_315305	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_315325	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_315329	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_3154	1. 2053	0. 1492	-3. 01407284	7. 31E-07	**
siR_31559	3. 4386	4. 6617	0. 43903486	0. 024108098	
siR_315678	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_31573	6. 7	5. 3703	-0. 31915841	0. 045222134	
siR_315731	1. 6661	0. 01	-7. 38033118	2. 36E-14	**
siR_31576	2. 3397	1. 6036	-0. 54500923	0. 053116145	
siR_315762	2. 5878	0. 01	-8. 0155823	6. 75E-22	**
siR_315786	6. 7709	0. 01	-9. 40320384	3. 90E-56	**
siR_315808	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_31588	0. 01	1. 0442	6. 70625425	1. 77E-09	**
siR_315919	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_315982	3. 6159	0. 01	-8. 49821097	2. 60E-30	**
siR_3160	8. 3307	2. 797	-1. 57455747	8. 29E-19	**
siR_316033	2. 7651	0. 01	-8. 11118786	2. 39E-23	**
siR_31606	0. 01	2. 536	7. 98641094	5. 76E-22	**
siR_316092	2. 3042	0. 01	-7. 84812212	1. 41E-19	**
siR_316103	3. 7577	0. 01	-8. 5537061	1. 79E-31	**
siR_31616	511. 4719	207. 5031	-1. 30152209	0	**
siR_31617	11. 1667	5. 3703	-1. 05612831	5. 03E-14	**
siR_31618	3. 2968	3. 9159	0. 24827755	0. 226824806	
siR_316187	3. 545	0. 01	-8. 4696418	9. 89E-30	**

siR_31619	1.9143	1.6782	-0.18990228	0.518337304	
siR_31620	3.5804	1.4172	-1.3370774	3.00E-07	**
siR_31623	19.3911	11.3746	-0.76957883	2.80E-14	
siR_316291	32.6494	0.01	-11.67284096	5.95E-268	**
siR_316341	2.5878	0.01	-8.0155823	6.75E-22	**
siR_316352	1.3116	0.01	-7.035184	1.88E-11	**
siR_316363	1.6661	0.01	-7.38033118	2.36E-14	**
siR_316400	1.737	0.01	-7.44045394	6.21E-15	**
siR_316457	3.1196	0.01	-8.28521723	3.00E-26	**
siR_31646	1.2407	0.1492	-3.05583488	4.15E-07	**
siR_31656	2.3751	0.4848	-2.29252665	1.51E-09	**
siR_316648	1.0635	0.01	-6.73267622	2.02E-09	**
siR_316699	1.3116	0.01	-7.035184	1.88E-11	**
siR_316757	4.7148	0.01	-8.88105279	2.63E-39	**
siR_316838	1.1698	0.01	-6.87011809	2.73E-10	**
siR_316850	2.6942	0.01	-8.07371315	9.10E-23	**
siR_316864	1.0989	0.01	-6.7799163	1.04E-09	**
siR_316895	2.1979	0.01	-7.77998195	1.05E-18	**
siR_316899	1.1344	0.01	-6.82578563	5.32E-10	**
siR_316901	1.418	0.01	-7.14771372	2.54E-12	**
siR_316971	2.6587	0.01	-8.05457718	1.77E-22	**
siR_317009	11.5567	0.01	-10.17451381	2.63E-95	**
siR_31701	95.8567	41.9556	-1.19201589	5.14E-131	**
siR_317013	1.2053	0.01	-6.91324847	1.40E-10	**
siR_317016	5.2111	0.01	-9.02544416	2.28E-43	**
siR_317020	20.2419	0.01	-10.98312891	2.14E-166	**
siR_317021	1.7016	0.01	-7.41074813	1.21E-14	**
siR_317040	12.4075	0.01	-10.2769968	2.85E-102	**
siR_317058	1.2762	0.01	-6.99571063	3.67E-11	**
siR_31707	6.2746	2.3495	-1.41716972	1.21E-12	**
siR_317072	6.0619	0.01	-9.24362624	2.48E-50	**
siR_317080	1.418	0.01	-7.14771372	2.54E-12	**
siR_31709	1.028	0.3356	-1.61502564	0.001825058	**
siR_317099	1.9497	0.01	-7.60710834	1.13E-16	**
siR_31713	3.0132	1.6409	-0.87680911	0.000845317	
siR_317181	2.2333	0.01	-7.80303324	5.38E-19	**
siR_317187	6.4519	0.01	-9.33358029	1.59E-53	**
siR_31739	5.2466	1.7901	-1.55134262	3.83E-12	**
siR_317417	2.127	0.01	-7.73267621	3.99E-18	**
siR_317419	1.028	0.01	-6.68369645	3.95E-09	**
siR_31750	6.1328	1.9393	-1.6610099	3.02E-15	**
siR_317505	2.6587	0.01	-8.05457718	1.77E-22	**
siR_31752	4.1122	1.4545	-1.49938714	2.11E-09	**
siR_317582	1.0989	0.01	-6.7799163	1.04E-09	**
siR_317596	10.8831	0.01	-10.08787391	8.55E-90	**
siR_317684	2.0915	0.01	-7.70839418	7.79E-18	**
siR_31777	2.0561	0.8205	-1.32533519	0.000122068	**

siR_317784	4.9984	0.01	-8.96532255	1.25E-41	**
siR_317792	4.3958	0.01	-8.77998192	1.07E-36	**
siR_317968	8.2244	0.01	-9.68376659	4.94E-68	**
siR_31797	14.5699	4.8109	-1.59861226	2.07E-32	**
siR_31799	1.2407	0.4848	-1.35569271	0.002535804	**
siR_317992	1.1344	0.01	-6.82578563	5.32E-10	**
siR_318020	1.1698	0.01	-6.87011809	2.73E-10	**
siR_318030	1.8434	0.01	-7.52622535	8.37E-16	**
siR_318041	8.8979	0.01	-9.79732106	1.52E-73	**
siR_31805	1.6307	0.5221	-1.64309333	6.28E-05	**
siR_318111	2.2333	0.01	-7.80303324	5.38E-19	**
siR_31817	1.418	1.3799	-0.03929381	0.908620659	
siR_318197	1.4889	0.01	-7.21810305	6.67E-13	**
siR_3182	17.1578	7.9063	-1.11778998	1.37E-22	**
siR_318359	1.5598	0.01	-7.28521726	1.75E-13	**
siR_318382	4.9984	0.01	-8.96532255	1.25E-41	**
siR_318386	1.6661	0.01	-7.38033118	2.36E-14	**
siR_3184	1.9497	0.8951	-1.12313138	0.001024698	**
siR_31842	27.6864	13.5377	-1.03219482	2.33E-31	**
siR_31846	0.9217	2.3122	1.32689704	4.06E-05	**
siR_31848	0.4608	1.6782	1.86470204	8.01E-06	**
siR_318480	1.418	0.01	-7.14771372	2.54E-12	**
siR_318547	1.028	0.01	-6.68369645	3.95E-09	**
siR_318634	1.4889	0.01	-7.21810305	6.67E-13	**
siR_318649	1.0635	0.01	-6.73267622	2.02E-09	**
siR_318663	1.2762	0.01	-6.99571063	3.67E-11	**
siR_318682	1.7725	0.01	-7.46964183	3.18E-15	**
siR_318706	3.4386	0.01	-8.42567749	7.34E-29	**
siR_318710	28.8917	0.01	-11.49643924	3.40E-237	**
siR_318772	1.2407	0.01	-6.95501051	7.17E-11	**
siR_31879	4.6085	4.9974	0.11688045	0.510061438	
siR_318800	1.4534	0.01	-7.18328801	1.30E-12	**
siR_31881	3.155	1.902	-0.73012276	0.003516301	
siR_318827	1.0635	0.01	-6.73267622	2.02E-09	**
siR_318853	4.963	0.01	-8.95506867	2.45E-41	**
siR_318867	1.0635	0.01	-6.73267622	2.02E-09	**
siR_318888	1.4889	0.01	-7.21810305	6.67E-13	**
siR_318894	1.0989	0.01	-6.7799163	1.04E-09	**
siR_318902	23.3615	0.01	-11.18991721	6.26E-192	**
siR_318906	13.8609	0.01	-10.43680517	3.62E-114	**
siR_31895	0.01	1.7155	7.42248532	4.25E-15	**
siR_318967	3.8286	0.01	-8.58067313	4.72E-32	**
siR_318975	1.7725	0.01	-7.46964183	3.18E-15	**
siR_31901	0.01	1.529	7.2564446	1.55E-13	**
siR_319042	25.0986	0.01	-11.29339117	3.79E-206	**
siR_319051	1.737	0.01	-7.44045394	6.21E-15	**
siR_319058	1.737	0.01	-7.44045394	6.21E-15	**

siR_31906	0.01	1.0815	6.75688986	8.62E-10	**
siR_319081	4.0413	0.01	-8.65867564	8.57E-34	**
siR_319116	1.3116	0.01	-7.035184	1.88E-11	**
siR_319146	2.2333	0.01	-7.80303324	5.38E-19	**
siR_319233	1.2053	0.01	-6.91324847	1.40E-10	**
siR_31925	0.01	1.6782	7.39077085	8.72E-15	**
siR_319288	5.2466	0.01	-9.03523897	1.17E-43	**
siR_319305	1.8788	0.01	-7.55366769	4.29E-16	**
siR_319363	3.3677	0.01	-8.39561983	2.79E-28	**
siR_319403	3.2968	0.01	-8.36492254	1.06E-27	**
siR_319416	1.4889	0.01	-7.21810305	6.67E-13	**
siR_319671	2.4106	0.01	-7.91324847	1.91E-20	**
siR_319672	17.4059	0.01	-10.76536079	3.49E-143	**
siR_319675	23.007	0.01	-11.16785724	4.99E-189	**
siR_319678	2.5524	0.01	-7.99571063	1.32E-21	**
siR_319694	122.5859	0.01	-13.58150455	0	**
siR_319695	7.2672	0.01	-9.5052558	3.38E-60	**
siR_319741	1.028	0.01	-6.68369645	3.95E-09	**
siR_319757	6.5582	0.01	-9.35715612	2.15E-54	**
siR_319773	1.8079	0.01	-7.49817107	1.63E-15	**
siR_319830	1.0635	0.01	-6.73267622	2.02E-09	**
siR_319833	1.5952	0.01	-7.31759351	8.99E-14	**
siR_319835	1.2762	0.01	-6.99571063	3.67E-11	**
siR_319909	1.6307	0.01	-7.34934759	4.61E-14	**
siR_319911	3.3677	0.01	-8.39561983	2.79E-28	**
siR_319914	1.737	0.01	-7.44045394	6.21E-15	**
siR_319915	2.836	0.01	-8.14771372	6.28E-24	**
siR_319928	3.0841	0.01	-8.26870574	5.85E-26	**
siR_319934	3.0841	0.01	-8.26870574	5.85E-26	**
siR_319948	2.5878	0.01	-8.0155823	6.75E-22	**
siR_319991	1.737	0.01	-7.44045394	6.21E-15	**
siR_32	1.2053	0.1865	-2.69214474	2.94E-06	**
siR_32002	0.01	1.0069	6.6537766	3.63E-09	**
siR_320048	1.1344	0.01	-6.82578563	5.32E-10	**
siR_320165	1.6307	0.01	-7.34934759	4.61E-14	**
siR_32017	4.8212	4.2142	-0.19413349	0.291747294	
siR_320310	35.3436	0.01	-11.78723306	5.28E-290	**
siR_320339	1.7725	0.01	-7.46964183	3.18E-15	**
siR_320392	1.028	0.01	-6.68369645	3.95E-09	**
siR_320398	2.9069	0.01	-8.18333764	1.65E-24	**
siR_320408	1.3825	0.01	-7.11113566	4.95E-12	**
siR_320409	1.2407	0.01	-6.95501051	7.17E-11	**
siR_32042	30.1679	18.4605	-0.70857264	1.02E-18	
siR_32043	1.0989	0.8578	-0.35734689	0.373215383	
siR_320445	3.6159	0.01	-8.49821097	2.60E-30	**
siR_32045	35.6627	25.3225	-0.49399609	3.62E-12	
siR_32046	0.01	2.3495	7.87620996	2.10E-20	**

siR_320502	1.3825	0.01	-7.11113566	4.95E-12	**
siR_32052	3.4032	0.9696	-1.81143033	4.72E-10	**
siR_32053	2.0561	0.8951	-1.19978966	0.0003772	**
siR_320557	2.7296	0.01	-8.09254576	4.66E-23	**
siR_320559	3.4741	0.01	-8.44049549	3.76E-29	**
siR_320607	2.6942	0.01	-8.07371315	9.10E-23	**
siR_320608	1.5598	0.01	-7.28521726	1.75E-13	**
siR_32064	3.0841	1.8647	-0.725906	0.004095746	
siR_32078	1.028	0.0373	-4.78452082	6.17E-08	**
siR_32079	6.2392	1.3799	-2.17679734	1.41E-21	**
siR_320822	1.7016	0.01	-7.41074813	1.21E-14	**
siR_320823	1.3825	0.01	-7.11113566	4.95E-12	**
siR_320827	2.6587	0.01	-8.05457718	1.77E-22	**
siR_320828	2.127	0.01	-7.73267621	3.99E-18	**
siR_320907	12.2657	0.01	-10.26041392	4.13E-101	**
siR_320988	4.6794	0.01	-8.87017976	5.13E-39	**
siR_320992	34.9537	0.01	-11.77122969	8.21E-287	**
siR_320993	3.7577	0.01	-8.5537061	1.79E-31	**
siR_320996	5.282	0.01	-9.04494046	5.99E-44	**
siR_321014	1.8079	0.01	-7.49817107	1.63E-15	**
siR_321023	1.0989	0.01	-6.7799163	1.04E-09	**
siR_321088	1.0989	0.01	-6.7799163	1.04E-09	**
siR_3211	5.991	9.0997	0.60302215	2.55E-05	
siR_321105	2.9423	0.01	-8.20080054	8.47E-25	**
siR_321131	7.5154	0.01	-9.55370604	3.14E-62	**
siR_321132	1.0989	0.01	-6.7799163	1.04E-09	**
siR_321133	1.0989	0.01	-6.7799163	1.04E-09	**
siR_321210	7.3736	0.01	-9.5262254	4.55E-61	**
siR_321211	4.4312	0.01	-8.79155366	5.51E-37	**
siR_321212	1.5952	0.01	-7.31759351	8.99E-14	**
siR_321281	28.2182	0.01	-11.46241031	1.11E-231	**
siR_3214	59.875	27.8958	-1.10190583	5.22E-73	**
siR_321421	1.1344	0.01	-6.82578563	5.32E-10	**
siR_32143	0.01	4.9974	8.96503389	1.43E-42	**
siR_321464	2.3751	0.01	-7.89184446	3.72E-20	**
siR_321487	2.3042	0.01	-7.84812212	1.41E-19	**
siR_321490	38.3923	0.01	-11.90660125	489263864362e	**
siR_321491	12.1239	0.01	-10.24363814	5.98E-100	**
siR_321492	3.545	0.01	-8.4696418	9.89E-30	**
siR_321493	2.6942	0.01	-8.07371315	9.10E-23	**
siR_321494	1.7725	0.01	-7.46964183	3.18E-15	**
siR_321495	1.3116	0.01	-7.035184	1.88E-11	**
siR_3215	1.9497	1.1934	-0.70817447	0.025965659	
siR_321508	5.0693	0.01	-8.98564277	3.30E-42	**
siR_321519	13.0101	0.01	-10.34541634	3.33E-107	**
siR_321520	1.1344	0.01	-6.82578563	5.32E-10	**
siR_321521	1.0989	0.01	-6.7799163	1.04E-09	**

siR_321526	8.1535	0.01	-9.67127563	1.88E-67	**
siR_321527	6.0619	0.01	-9.24362624	2.48E-50	**
siR_321528	1.8434	0.01	-7.52622535	8.37E-16	**
siR_321529	1.5598	0.01	-7.28521726	1.75E-13	**
siR_321530	1.0635	0.01	-6.73267622	2.02E-09	**
siR_321538	1.1698	0.01	-6.87011809	2.73E-10	**
siR_321539	1.028	0.01	-6.68369645	3.95E-09	**
siR_321592	3.7931	0.01	-8.56723361	9.20E-32	**
siR_321629	2.6942	0.01	-8.07371315	9.10E-23	**
siR_321631	1.3116	0.01	-7.035184	1.88E-11	**
siR_321677	3.6159	0.01	-8.49821097	2.60E-30	**
siR_321682	1.8434	0.01	-7.52622535	8.37E-16	**
siR_321757	1.4534	0.01	-7.18328801	1.30E-12	**
siR_321811	40.0939	0.01	-11.96916704	0	**
siR_321816	1.418	0.01	-7.14771372	2.54E-12	**
siR_321877	1.2762	0.01	-6.99571063	3.67E-11	**
siR_321956	1.2053	0.01	-6.91324847	1.40E-10	**
siR_321962	1.028	0.01	-6.68369645	3.95E-09	**
siR_322001	9.1815	0.01	-9.842586	7.24E-76	**
siR_322019	1.7016	0.01	-7.41074813	1.21E-14	**
siR_322036	2.446	0.01	-7.93428061	9.77E-21	**
siR_322053	1.7725	0.01	-7.46964183	3.18E-15	**
siR_322079	1.8788	0.01	-7.55366769	4.29E-16	**
siR_322085	3.5095	0.01	-8.45512172	1.93E-29	**
siR_32209	1.6307	0.1119	-3.86520945	1.12E-10	**
siR_322156	3.155	0.01	-8.3014962	1.54E-26	**
siR_322185	1.028	0.01	-6.68369645	3.95E-09	**
siR_322247	1.8434	0.01	-7.52622535	8.37E-16	**
siR_322265	1.418	0.01	-7.14771372	2.54E-12	**
siR_322304	3.5804	0.01	-8.48397698	5.07E-30	**
siR_32233	0.01	5.7805	9.17505048	3.99E-49	**
siR_322342	2.1624	0.01	-7.75648961	2.05E-18	**
siR_322398	3.0132	0.01	-8.23515263	2.23E-25	**
siR_322441	1.4534	0.01	-7.18328801	1.30E-12	**
siR_322477	4.4667	0.01	-8.80306553	2.82E-37	**
siR_322521	2.5169	0.01	-7.97550407	2.57E-21	**
siR_322620	3.8286	0.01	-8.58067313	4.72E-32	**
siR_322624	12.3011	0.01	-10.26457167	2.12E-101	**
siR_322634	3.7931	0.01	-8.56723361	9.20E-32	**
siR_322643	1.5952	0.01	-7.31759351	8.99E-14	**
siR_322757	1.8434	0.01	-7.52622535	8.37E-16	**
siR_322794	3.7222	0.01	-8.54001177	3.50E-31	**
siR_322796	1.3825	0.01	-7.11113566	4.95E-12	**
siR_32291	2.5878	1.3426	-0.94669657	0.000980749	
siR_322997	2.0206	0.01	-7.65863995	2.96E-17	**
siR_323012	7.3381	0.01	-9.51926273	8.87E-61	**
siR_32303	2.3397	0.8951	-1.38620278	2.18E-05	**

siR_323066	13.081	0.01	-10.35325721	8.76E-108	**
siR_323116	3.1905	0.01	-8.31763871	7.88E-27	**
siR_323148	1.737	0.01	-7.44045394	6.21E-15	**
siR_323163	5.4947	0.01	-9.10189688	1.09E-45	**
siR_32321	18.2567	12.568	-0.53867093	7.50E-08	
siR_323233	1.0989	0.01	-6.7799163	1.04E-09	**
siR_323243	29.8134	0.01	-11.54174539	9.71E-245	**
siR_323355	1.4889	0.01	-7.21810305	6.67E-13	**
siR_32337	0.01	7.0112	9.45351758	1.99E-59	**
siR_323389	2.7296	0.01	-8.09254576	4.66E-23	**
siR_32339	0.01	5.1838	9.01786625	3.94E-44	**
siR_32340	0.01	1.6409	7.35834351	1.79E-14	**
siR_32341	0.01	1.0815	6.75688986	8.62E-10	**
siR_323462	1.1344	0.01	-6.82578563	5.32E-10	**
siR_323530	1.3471	0.01	-7.07371314	9.66E-12	**
siR_323587	1.3471	0.01	-7.07371314	9.66E-12	**
siR_323667	11.6276	0.01	-10.18333764	6.90E-96	**
siR_323771	1.0989	0.01	-6.7799163	1.04E-09	**
siR_323788	1.3825	0.01	-7.11113566	4.95E-12	**
siR_32379	0.01	1.7528	7.45351758	2.07E-15	**
siR_323794	6.4164	0.01	-9.3256203	3.11E-53	**
siR_323847	7.3736	0.01	-9.5262254	4.55E-61	**
siR_32385	0.9571	1.268	0.40581317	0.276158956	
siR_32386	1.3116	1.8274	0.47846465	0.127465492	
siR_3239	14.9244	7.869	-0.92342072	6.50E-15	
siR_32402	2.0915	1.529	-0.45194959	0.123631305	
siR_324131	1.9497	0.01	-7.60710834	1.13E-16	**
siR_32419	1.9852	1.3426	-0.56425481	0.06635168	
siR_3242	17.6186	7.235	-1.28403437	1.97E-28	**
siR_32424	1.0635	0.7832	-0.44136736	0.286432527	
siR_324317	1.8788	0.01	-7.55366769	4.29E-16	**
siR_324338	1.2407	0.01	-6.95501051	7.17E-11	**
siR_32436	0.01	1.1934	6.89893387	9.98E-11	**
siR_3244	5366.4141	1776.0085	-1.5953199	0	**
siR_324407	1.028	0.01	-6.68369645	3.95E-09	**
siR_324410	1.8079	0.01	-7.49817107	1.63E-15	**
siR_324453	3.7222	0.01	-8.54001177	3.50E-31	**
siR_324454	1.4534	0.01	-7.18328801	1.30E-12	**
siR_3245	201.7811	41.2097	-2.29173518	0	**
siR_3246	19.9583	18.4605	-0.11254721	0.205753234	
siR_324688	1.418	0.01	-7.14771372	2.54E-12	**
siR_3247	4.2894	4.438	0.04913381	0.790868955	
siR_32480	2.836	0.3729	-2.92699683	3.49E-14	**
siR_324810	4.0413	0.01	-8.65867564	8.57E-34	**
siR_324857	6.1328	0.01	-9.26040207	6.51E-51	**
siR_324858	2.0206	0.01	-7.65863995	2.96E-17	**
siR_324893	1.2053	0.01	-6.91324847	1.40E-10	**

siR_324975	3.7931	0.01	-8.56723361	9.20E-32	**
siR_324985	1.028	0.01	-6.68369645	3.95E-09	**
siR_324996	43.1071	0.01	-12.07371008	0	**
siR_325065	1.2762	0.01	-6.99571063	3.67E-11	**
siR_325178	1.1344	0.01	-6.82578563	5.32E-10	**
siR_325181	1.0989	0.01	-6.7799163	1.04E-09	**
siR_325222	5.9556	0.01	-9.21810309	1.84E-49	**
siR_325230	2.836	0.01	-8.14771372	6.28E-24	**
siR_3253	0.01	1.8647	7.54279973	2.40E-16	**
siR_325340	1.5952	0.01	-7.31759351	8.99E-14	**
siR_325350	3.1905	0.01	-8.31763871	7.88E-27	**
siR_32537	1.9497	2.1258	0.12475372	0.646877039	
siR_32547	77.1746	26.9635	-1.51711832	2.84E-152	**
siR_325556	3.0841	0.01	-8.26870574	5.85E-26	**
siR_325572	3.0841	0.01	-8.26870574	5.85E-26	**
siR_325589	1.1698	0.01	-6.87011809	2.73E-10	**
siR_325641	4.5021	0.01	-8.81445427	1.45E-37	**
siR_325642	2.127	0.01	-7.73267621	3.99E-18	**
siR_325745	1.3825	0.01	-7.11113566	4.95E-12	**
siR_325747	1.737	0.01	-7.44045394	6.21E-15	**
siR_325809	1.2407	0.01	-6.95501051	7.17E-11	**
siR_325857	1.0635	0.01	-6.73267622	2.02E-09	**
siR_325897	1.0989	0.01	-6.7799163	1.04E-09	**
siR_325901	1.8434	0.01	-7.52622535	8.37E-16	**
siR_326025	2.9423	0.01	-8.20080054	8.47E-25	**
siR_326065	3.4032	0.01	-8.41074813	1.43E-28	**
siR_326066	2.1979	0.01	-7.77998195	1.05E-18	**
siR_32607	1.4889	0.4102	-1.85984746	3.15E-05	**
siR_326076	2.0561	0.01	-7.68376661	1.52E-17	**
siR_326089	7.7635	0.01	-9.60056343	2.92E-64	**
siR_326138	10.4577	0.01	-10.03034988	2.59E-86	**
siR_326139	43.0362	0.01	-12.07133512	0	**
siR_32619	0.01	16.9314	10.72548555	1.82E-142	**
siR_326223	7.6217	0.01	-9.57396906	4.23E-63	**
siR_326224	1.737	0.01	-7.44045394	6.21E-15	**
siR_326229	12.1948	0.01	-10.25205047	1.57E-100	**
siR_326237	2.4815	0.01	-7.95506863	5.01E-21	**
siR_32633	3.8286	3.17	-0.2723341	0.193784544	
siR_326342	6.2392	0.01	-9.28521723	8.77E-52	**
siR_326403	2.0561	0.01	-7.68376661	1.52E-17	**
siR_326608	2.0561	0.01	-7.68376661	1.52E-17	**
siR_326620	1.6307	0.01	-7.34934759	4.61E-14	**
siR_326702	14.18	0.01	-10.46964185	8.86E-117	**
siR_326721	49.2045	0.01	-12.26457486	0	**
siR_326725	1.6307	0.01	-7.34934759	4.61E-14	**
siR_326756	2.1979	0.01	-7.77998195	1.05E-18	**
siR_326758	231.63	0.01	-14.49953452	0	**

siR_326759	6.7355	0.01	-9.39564121	7.60E-56	**
siR_326760	1.418	0.01	-7.14771372	2.54E-12	**
siR_326767	1.1698	0.01	-6.87011809	2.73E-10	**
siR_326779	17.335	0.01	-10.75947214	1.33E-142	**
siR_326791	2.3751	0.01	-7.89184446	3.72E-20	**
siR_326795	1.9497	0.01	-7.60710834	1.13E-16	**
siR_326817	8.4016	0.01	-9.71452026	1.75E-69	**
siR_326866	1.3471	0.01	-7.07371314	9.66E-12	**
siR_326886	11.9466	0.01	-10.22238444	1.69E-98	**
siR_326887	1.6661	0.01	-7.38033118	2.36E-14	**
siR_326941	1.3116	0.01	-7.035184	1.88E-11	**
siR_326943	1.1344	0.01	-6.82578563	5.32E-10	**
siR_326992	1.3471	0.01	-7.07371314	9.66E-12	**
siR_327013	7.9762	0.01	-9.63955783	5.31E-66	**
siR_327102	4.6794	0.01	-8.87017976	5.13E-39	**
siR_32711	1.2053	0.7086	-0.76634891	0.062096306	
siR_327138	3.7222	0.01	-8.54001177	3.50E-31	**
siR_327146	2.3751	0.01	-7.89184446	3.72E-20	**
siR_327167	1.2762	0.01	-6.99571063	3.67E-11	**
siR_327179	1.3471	0.01	-7.07371314	9.66E-12	**
siR_327202	2.0915	0.01	-7.70839418	7.79E-18	**
siR_327229	2.6587	0.01	-8.05457718	1.77E-22	**
siR_327241	8.508	0.01	-9.73267618	2.36E-70	**
siR_32730	0.01	1.1934	6.89893387	9.98E-11	**
siR_327381	1.737	0.01	-7.44045394	6.21E-15	**
siR_32746	0.01	1.8647	7.54279973	2.40E-16	**
siR_327478	6.3455	0.01	-9.30959008	1.18E-52	**
siR_327547	13.8964	0.01	-10.44049554	1.86E-114	**
siR_327599	5.282	0.01	-9.04494046	5.99E-44	**
siR_327621	16.2006	0.01	-10.6618315	2.56E-133	**
siR_327622	5.0339	0.01	-8.97553276	6.43E-42	**
siR_327631	5.3884	0.01	-9.07371312	8.07E-45	**
siR_327667	2.2688	0.01	-7.82578561	2.76E-19	**
siR_327672	4.1476	0.01	-8.69613295	1.15E-34	**
siR_327701	2.0915	0.01	-7.70839418	7.79E-18	**
siR_327713	1.737	0.01	-7.44045394	6.21E-15	**
siR_327721	2.5169	0.01	-7.97550407	2.57E-21	**
siR_32775	4.6085	1.1561	-1.99503106	9.57E-15	**
siR_327761	1.6661	0.01	-7.38033118	2.36E-14	**
siR_327923	1.8434	0.01	-7.52622535	8.37E-16	**
siR_328	2.6942	0.9696	-1.47439535	1.79E-06	**
siR_328022	2.6942	0.01	-8.07371315	9.10E-23	**
siR_328024	11.0249	0.01	-10.10654986	5.91E-91	**
siR_328131	85.3635	0.01	-13.05940345	0	**
siR_328138	1.028	0.01	-6.68369645	3.95E-09	**
siR_328251	32.2595	0.01	-11.65550839	9.26E-265	**
siR_328289	3.2968	0.01	-8.36492254	1.06E-27	**

siR_328321	5.1048	0.01	-8.99571063	1.69E-42	**
siR_328355	1.6661	0.01	-7.38033118	2.36E-14	**
siR_32849	2.7651	1.6782	-0.720417	0.00696811	
siR_328518	1.4534	0.01	-7.18328801	1.30E-12	**
siR_328567	2.5169	0.01	-7.97550407	2.57E-21	**
siR_328662	4.0413	0.01	-8.65867564	8.57E-34	**
siR_328710	8.9688	0.01	-9.80877111	3.99E-74	**
siR_32877	6.9482	2.7225	-1.35170723	5.41E-13	**
siR_32878	2.3751	1.5663	-0.60062769	0.03341639	
siR_328920	1.5243	0.01	-7.25200305	3.42E-13	**
siR_328949	1.0635	0.01	-6.73267622	2.02E-09	**
siR_328995	6.5582	0.01	-9.35715612	2.15E-54	**
siR_328996	2.6587	0.01	-8.05457718	1.77E-22	**
siR_329011	1.418	0.01	-7.14771372	2.54E-12	**
siR_329012	1.028	0.01	-6.68369645	3.95E-09	**
siR_329017	10.245	0.01	-10.00070426	1.43E-84	**
siR_329068	1.028	0.01	-6.68369645	3.95E-09	**
siR_329094	2.8714	0.01	-8.16561052	3.22E-24	**
siR_329134	1.4889	0.01	-7.21810305	6.67E-13	**
siR_329223	125.8473	0.01	-13.61938626	0	**
siR_329224	1.1698	0.01	-6.87011809	2.73E-10	**
siR_329231	11.3085	0.01	-10.14319183	2.82E-93	**
siR_329294	7.7281	0.01	-9.59396997	5.71E-64	**
siR_329372	149.1734	0.01	-13.86470226	0	**
siR_329373	4.2894	0.01	-8.74463204	7.97E-36	**
siR_32938	0.01	1.1188	6.80580835	4.20E-10	**
siR_329381	2.2333	0.01	-7.80303324	5.38E-19	**
siR_329401	2.5524	0.01	-7.99571063	1.32E-21	**
siR_329425	1.028	0.01	-6.68369645	3.95E-09	**
siR_329428	12.2302	0.01	-10.25623231	8.06E-101	**
siR_32943	0.01	18.908	10.88478105	5.17E-159	**
siR_329441	1.5598	0.01	-7.28521726	1.75E-13	**
siR_329479	4.1831	0.01	-8.70842867	5.92E-35	**
siR_329480	59.8041	0.01	-12.54602882	0	**
siR_329481	1.6307	0.01	-7.34934759	4.61E-14	**
siR_32956	3.1196	1.1934	-1.38628337	9.01E-07	**
siR_32958	6.9836	5.4449	-0.35906538	0.022336287	
siR_32963	0.01	1.1934	6.89893387	9.98E-11	**
siR_329639	16.6615	0.01	-10.70230247	4.33E-137	**
siR_329642	1.5952	0.01	-7.31759351	8.99E-14	**
siR_3297	0.01	2.0139	7.65384824	1.35E-17	**
siR_329769	56.2591	0.01	-12.45787094	0	**
siR_329770	1.3825	0.01	-7.11113566	4.95E-12	**
siR_329782	1.6661	0.01	-7.38033118	2.36E-14	**
siR_329783	1.028	0.01	-6.68369645	3.95E-09	**
siR_32982	1.3825	0.3729	-1.89041878	5.10E-05	**
siR_329826	1.1698	0.01	-6.87011809	2.73E-10	**

siR_329856	1.1698	0.01	-6.87011809	2.73E-10	**
siR_329869	1.8079	0.01	-7.49817107	1.63E-15	**
siR_329887	1.6307	0.01	-7.34934759	4.61E-14	**
siR_329900	1.737	0.01	-7.44045394	6.21E-15	**
siR_329902	2.3397	0.01	-7.87017976	7.25E-20	**
siR_329903	1.2407	0.01	-6.95501051	7.17E-11	**
siR_329909	1.6661	0.01	-7.38033118	2.36E-14	**
siR_329927	3.2968	0.01	-8.36492254	1.06E-27	**
siR_329945	1.028	0.01	-6.68369645	3.95E-09	**
siR_329958	2.836	0.01	-8.14771372	6.28E-24	**
siR_329994	3.2614	0.01	-8.34934759	2.07E-27	**
siR_33002	1.8788	0.7459	-1.33275737	0.000228382	**
siR_330107	8.9688	0.01	-9.80877111	3.99E-74	**
siR_330118	3.1196	0.01	-8.28521723	3.00E-26	**
siR_330125	10.635	0.01	-10.0546043	9.19E-88	**
siR_33015	2.127	1.0815	-0.97578637	0.002215323	
siR_330177	1.3825	0.01	-7.11113566	4.95E-12	**
siR_330216	1.9143	0.01	-7.58067313	2.20E-16	**
siR_330269	1.8079	0.01	-7.49817107	1.63E-15	**
siR_330314	1.3116	0.01	-7.035184	1.88E-11	**
siR_330339	1.6307	0.01	-7.34934759	4.61E-14	**
siR_330364	5.3529	0.01	-9.06417692	1.57E-44	**
siR_330399	1.1698	0.01	-6.87011809	2.73E-10	**
siR_330415	1.5243	0.01	-7.25200305	3.42E-13	**
siR_33042	1.4889	0.3356	-2.14943224	4.80E-06	**
siR_330439	5.5302	0.01	-9.11118782	5.57E-46	**
siR_33050	7.7281	3.3564	-1.2031991	3.61E-12	**
siR_33051	1.028	0.8205	-0.32526503	0.431150137	
siR_330533	1.737	0.01	-7.44045394	6.21E-15	**
siR_330607	5.1048	0.01	-8.99571063	1.69E-42	**
siR_330613	2.4106	0.01	-7.91324847	1.91E-20	**
siR_33067	30.097	7.3469	-2.03441215	4.51E-90	**
siR_33068	1.7725	0.5221	-1.76338756	1.14E-05	**
siR_33069	1.0989	0.1865	-2.55881257	1.47E-05	**
siR_33070	1.737	0.1119	-3.95631581	1.79E-11	**
siR_33074	12.6556	6.2654	-1.01429738	8.65E-15	**
siR_33075	1.9143	1.6036	-0.25550262	0.38974108	
siR_33077	1.1698	0.2984	-1.97094245	0.000133017	**
siR_33084	4.963	1.9393	-1.35567646	1.03E-09	**
siR_330860	3.7222	0.01	-8.54001177	3.50E-31	**
siR_330870	1.1344	0.01	-6.82578563	5.32E-10	**
siR_33089	1.2762	0.6713	-0.92682489	0.023898405	
siR_330911	1.1344	0.01	-6.82578563	5.32E-10	**
siR_33094	1.5243	0.3729	-2.03128617	7.99E-06	**
siR_330971	5.4947	0.01	-9.10189688	1.09E-45	**
siR_330990	1.9852	0.01	-7.63314056	5.78E-17	**
siR_330991	2.5878	0.01	-8.0155823	6.75E-22	**

siR_330993	6.0265	0.01	-9.23517658	4.83E-50	**
siR_33102	1.0635	0.2611	-2.02614567	0.000213675	**
siR_33105	1.2407	0.5594	-1.14920216	0.007946935	**
siR_331103	9.0043	0.01	-9.81447031	2.04E-74	**
siR_331164	2.0915	0.01	-7.70839418	7.79E-18	**
siR_33125	1.5598	0.3356	-2.21654644	1.81E-06	**
siR_331314	23.3615	0.01	-11.18991721	6.26E-192	**
siR_331318	3.545	0.01	-8.4696418	9.89E-30	**
siR_33137	1.2407	0.5967	-1.05607663	0.013149564	*
siR_331375	1.7725	0.01	-7.46964183	3.18E-15	**
siR_331455	1.028	0.01	-6.68369645	3.95E-09	**
siR_331483	5.6365	0.01	-9.13865581	7.51E-47	**
siR_331534	1.1344	0.8951	-0.34180866	0.385445259	
siR_331638	1.9143	0.01	-7.58067313	2.20E-16	**
siR_331644	14.1445	0.01	-10.46602543	1.73E-116	**
siR_331663	2.2333	0.01	-7.80303324	5.38E-19	**
siR_331703	1.3825	0.01	-7.11113566	4.95E-12	**
siR_33175	6.4873	2.163	-1.58458449	4.29E-15	**
siR_331751	4.6794	0.01	-8.87017976	5.13E-39	**
siR_331753	1.8079	0.01	-7.49817107	1.63E-15	**
siR_331754	15.4207	0.01	-10.59065252	6.19E-127	**
siR_33177	2.127	0.2611	-3.02614567	2.86E-11	**
siR_33182	3.4386	1.9393	-0.8262853	0.000693384	
siR_331858	1.028	0.01	-6.68369645	3.95E-09	**
siR_331966	3.6868	0.01	-8.52622535	6.83E-31	**
siR_33197	1.1698	0.3729	-1.64940119	0.000716423	**
siR_331975	1.2407	0.01	-6.95501051	7.17E-11	**
siR_331989	1.1344	0.01	-6.82578563	5.32E-10	**
siR_33202	1.2407	0.2984	-2.05583487	5.17E-05	**
siR_33211	2.4815	0.4848	-2.35575085	3.37E-10	**
siR_332176	1.028	0.01	-6.68369645	3.95E-09	**
siR_332298	2.0561	0.01	-7.68376661	1.52E-17	**
siR_332338	1.6307	0.01	-7.34934759	4.61E-14	**
siR_332386	2.3042	0.01	-7.84812212	1.41E-19	**
siR_332394	3.2614	0.01	-8.34934759	2.07E-27	**
siR_33243	5.6365	1.7155	-1.71617047	1.01E-14	**
siR_332495	1.4534	0.01	-7.18328801	1.30E-12	**
siR_33260	1.2407	0.5594	-1.14920216	0.007946935	**
siR_332626	7.8699	0.01	-9.62020147	3.94E-65	**
siR_332627	2.8714	0.01	-8.16561052	3.22E-24	**
siR_332635	2.0206	0.01	-7.65863995	2.96E-17	**
siR_33267	7.3027	4.7736	-0.61335228	0.000134459	
siR_332801	2.5524	0.01	-7.99571063	1.32E-21	**
siR_332814	1.4534	0.01	-7.18328801	1.30E-12	**
siR_332839	2.0915	0.01	-7.70839418	7.79E-18	**
siR_33286	1.1698	0.5967	-0.97118421	0.024714955	
siR_33294	13.3646	2.0512	-2.70387659	7.41E-57	**

siR_332950	3.8286	0.01	-8.58067313	4.72E-32	**
siR_333	36.9743	10.4423	-1.82408332	1.55E-95	**
siR_3331	0.01	2.2003	7.78155643	3.72E-19	**
siR_333103	1.3825	0.01	-7.11113566	4.95E-12	**
siR_333131	1.5598	0.01	-7.28521726	1.75E-13	**
siR_333154	2.6587	0.01	-8.05457718	1.77E-22	**
siR_333181	1.028	0.01	-6.68369645	3.95E-09	**
siR_333262	1.1698	0.01	-6.87011809	2.73E-10	**
siR_333264	1.5598	0.01	-7.28521726	1.75E-13	**
siR_333265	3.4386	0.01	-8.42567749	7.34E-29	**
siR_333302	2.1624	0.01	-7.75648961	2.05E-18	**
siR_333322	5.3529	0.01	-9.06417692	1.57E-44	**
siR_333323	2.6942	0.01	-8.07371315	9.10E-23	**
siR_333349	1.7016	0.01	-7.41074813	1.21E-14	**
siR_333358	2.0561	0.01	-7.68376661	1.52E-17	**
siR_33337	5.3884	2.0512	-1.39338878	8.20E-11	**
siR_333441	4.1476	0.01	-8.69613295	1.15E-34	**
siR_333454	1.9852	0.01	-7.63314056	5.78E-17	**
siR_333455	1.0635	0.01	-6.73267622	2.02E-09	**
siR_33348	7.09	2.4614	-1.5263065	1.43E-15	**
siR_333534	1.1698	0.01	-6.87011809	2.73E-10	**
siR_33356	0.01	5.7805	9.17505048	3.99E-49	**
siR_333566	1.418	0.01	-7.14771372	2.54E-12	**
siR_333572	9.9614	0.01	-9.96020464	2.99E-82	**
siR_33365	0.01	2.9462	8.20271156	2.12E-25	**
siR_333672	1.6307	0.01	-7.34934759	4.61E-14	**
siR_333674	1.9497	0.01	-7.60710834	1.13E-16	**
siR_333690	1.0989	0.01	-6.7799163	1.04E-09	**
siR_333709	1.5243	0.01	-7.25200305	3.42E-13	**
siR_333710	1.4889	0.01	-7.21810305	6.67E-13	**
siR_33373	16.1652	5.5195	-1.55028187	2.71E-34	**
siR_333768	4.4312	0.01	-8.79155366	5.51E-37	**
siR_33386	13.0101	8.2419	-0.65858319	5.50E-08	**
siR_333900	2.446	0.01	-7.93428061	9.77E-21	**
siR_334	3.155	0.8205	-1.94306477	3.28E-10	**
siR_33402	5.3175	1.529	-1.79815972	8.33E-15	**
siR_33403	2.9778	0.8578	-1.79553364	7.20E-09	**
siR_334079	16.7324	0.01	-10.70842867	1.14E-137	**
siR_334091	10.9895	0.01	-10.10191004	1.15E-90	**
siR_334173	5.9556	0.01	-9.21810309	1.84E-49	**
siR_334180	1.3471	0.01	-7.07371314	9.66E-12	**
siR_334237	21.4118	0.01	-11.06419036	5.69E-176	**
siR_334241	1.9852	0.01	-7.63314056	5.78E-17	**
siR_334261	1.8788	0.01	-7.55366769	4.29E-16	**
siR_334296	1.2762	0.01	-6.99571063	3.67E-11	**
siR_334352	9.4651	0.01	-9.8864739	3.46E-78	**
siR_33438	0.01	1.8647	7.54279973	2.40E-16	**

siR_33443	0.01	9.2862	9.85894454	1.80E-78	**
siR_334443	2.2688	0.01	-7.82578561	2.76E-19	**
siR_334444	2.0915	0.01	-7.70839418	7.79E-18	**
siR_334447	1.5243	0.01	-7.25200305	3.42E-13	**
siR_334451	1.5243	0.01	-7.25200305	3.42E-13	**
siR_334462	110.3203	0.01	-13.42941144	0	**
siR_334464	3.4386	0.01	-8.42567749	7.34E-29	**
siR_334467	11.4858	0.01	-10.16563558	9.99E-95	**
siR_334485	7.8344	0.01	-9.61367902	7.69E-65	**
siR_334492	2.9423	0.01	-8.20080054	8.47E-25	**
siR_33450	91.9926	30.1334	-1.61015435	2.26E-197	**
siR_334502	1.7725	0.01	-7.46964183	3.18E-15	**
siR_334520	2.5878	0.01	-8.0155823	6.75E-22	**
siR_334551	6.9127	0.01	-9.43310546	2.69E-57	**
siR_334622	5.5656	0.01	-9.12039339	2.86E-46	**
siR_334761	1.3471	0.01	-7.07371314	9.66E-12	**
siR_334763	2.6587	0.01	-8.05457718	1.77E-22	**
siR_334764	2.127	0.01	-7.73267621	3.99E-18	**
siR_334854	3.6513	0.01	-8.51226639	1.33E-30	**
siR_33486	0.01	2.6106	8.02823761	1.37E-22	**
siR_334865	1.0635	0.01	-6.73267622	2.02E-09	**
siR_334870	1.3116	0.01	-7.035184	1.88E-11	**
siR_334890	1.9497	0.01	-7.60710834	1.13E-16	**
siR_334917	1.0989	0.01	-6.7799163	1.04E-09	**
siR_334984	1.3825	0.01	-7.11113566	4.95E-12	**
siR_334992	1.3471	0.01	-7.07371314	9.66E-12	**
siR_335009	1.418	0.01	-7.14771372	2.54E-12	**
siR_335122	23.2552	0.01	-11.18333747	4.64E-191	**
siR_335130	109.7531	0.01	-13.42197406	0	**
siR_335131	3.864	0.01	-8.59395129	2.42E-32	**
siR_335136	80.6486	0.01	-12.97743392	0	**
siR_335137	1.1344	0.01	-6.82578563	5.32E-10	**
siR_335164	1.5243	0.01	-7.25200305	3.42E-13	**
siR_33517	8.1889	2.9462	-1.4748143	5.88E-17	**
siR_335213	1.6307	0.01	-7.34934759	4.61E-14	**
siR_335330	1.3825	0.01	-7.11113566	4.95E-12	**
siR_335385	1.3116	0.01	-7.035184	1.88E-11	**
siR_335443	3.0132	0.01	-8.23515263	2.23E-25	**
siR_335551	4.9984	0.01	-8.96532255	1.25E-41	**
siR_335585	1.5243	0.01	-7.25200305	3.42E-13	**
siR_335645	4.7503	0.01	-8.89187482	1.35E-39	**
siR_33565	2.9069	1.1188	-1.37752928	2.40E-06	**
siR_335655	8.4371	0.01	-9.72060336	8.98E-70	**
siR_335679	4.0058	0.01	-8.64594661	1.67E-33	**
siR_335694	13.8609	0.01	-10.43680517	3.62E-114	**
siR_33570	3.3323	1.4172	-1.23347492	3.46E-06	**
siR_335729	1.1698	0.01	-6.87011809	2.73E-10	**

siR_335734	1.3471	0.01	-7.07371314	9.66E-12	**
siR_335737	2.127	0.01	-7.73267621	3.99E-18	**
siR_335743	1.9497	0.01	-7.60710834	1.13E-16	**
siR_335744	1.5598	0.01	-7.28521726	1.75E-13	**
siR_33575	3.0841	0.2984	-3.3695301	2.72E-17	**
siR_335750	3.6868	0.01	-8.52622535	6.83E-31	**
siR_335755	2.5524	0.01	-7.99571063	1.32E-21	**
siR_335771	6.1328	0.01	-9.26040207	6.51E-51	**
siR_335780	1.4534	0.01	-7.18328801	1.30E-12	**
siR_335786	5.8492	0.01	-9.19209551	1.36E-48	**
siR_335800	4.8566	0.01	-8.92380283	1.82E-40	**
siR_335825	1.7725	0.01	-7.46964183	3.18E-15	**
siR_335827	2.3397	0.01	-7.87017976	7.25E-20	**
siR_335884	1.7725	0.01	-7.46964183	3.18E-15	**
siR_33592	0.01	1.4172	7.14689956	1.34E-12	**
siR_33595	0.01	1.8647	7.54279973	2.40E-16	**
siR_335998	1.7725	0.01	-7.46964183	3.18E-15	**
siR_33601	0.01	1.4918	7.22091032	3.17E-13	**
siR_33604	0.01	4.3261	8.7569232	5.97E-37	**
siR_336071	1.9143	0.01	-7.58067313	2.20E-16	**
siR_336167	2.127	0.01	-7.73267621	3.99E-18	**
siR_33617	0.01	1.268	6.98641094	2.37E-11	**
siR_336192	7.7635	0.01	-9.60056343	2.92E-64	**
siR_336201	1.737	0.01	-7.44045394	6.21E-15	**
siR_336293	7.3381	0.01	-9.51926273	8.87E-61	**
siR_336360	1.028	0.01	-6.68369645	3.95E-09	**
siR_336371	1.2407	0.01	-6.95501051	7.17E-11	**
siR_336429	5.3529	0.01	-9.06417692	1.57E-44	**
siR_336495	1.028	0.01	-6.68369645	3.95E-09	**
siR_336505	4.0767	0.01	-8.67125799	4.39E-34	**
siR_336526	1.5243	0.01	-7.25200305	3.42E-13	**
siR_336530	8.8625	0.01	-9.7915699	2.96E-73	**
siR_336533	2.0206	0.01	-7.65863995	2.96E-17	**
siR_33659	15.8461	7.6079	-1.05855762	2.42E-19	**
siR_336665	2.5878	0.01	-8.0155823	6.75E-22	**
siR_336711	19.1784	0.01	-10.90526674	1.08E-157	**
siR_336762	7.2318	0.01	-9.49821097	6.58E-60	**
siR_33681	1.2053	0.2984	-2.01407284	8.31E-05	**
siR_336893	17.4768	0.01	-10.77122541	9.18E-144	**
siR_336942	2.5524	0.01	-7.99571063	1.32E-21	**
siR_336945	3.3677	0.01	-8.39561983	2.79E-28	**
siR_336961	1.2053	0.01	-6.91324847	1.40E-10	**
siR_33698	0.01	2.9462	8.20271156	2.12E-25	**
siR_337001	214.5431	0.01	-14.38897929	0	**
siR_337015	7.2318	0.01	-9.49821097	6.58E-60	**
siR_33702	0.01	1.8274	7.51364865	4.92E-16	**
siR_337022	1.5243	0.01	-7.25200305	3.42E-13	**

siR_337032	1.0635	0.01	-6.73267622	2.02E-09	**
siR_337059	1.4889	0.01	-7.21810305	6.67E-13	**
siR_33706	1.1344	0.634	-0.83937469	0.050540314	
siR_337062	9.7842	0.01	-9.93431004	8.45E-81	**
siR_337074	1.737	0.01	-7.44045394	6.21E-15	**
siR_337076	1.6307	0.01	-7.34934759	4.61E-14	**
siR_33712	1.8434	1.3426	-0.45733961	0.144321434	
siR_337124	1.1698	0.01	-6.87011809	2.73E-10	**
siR_337200	23.8933	0.01	-11.2223903	2.78E-196	**
siR_337205	23.397	0.01	-11.19210792	3.21E-192	**
siR_337376	9.6778	0.01	-9.9185353	6.27E-80	**
siR_337381	1.3116	0.01	-7.035184	1.88E-11	**
siR_33753	5.4238	2.2003	-1.30160374	6.13E-10	**
siR_33758	2.0561	1.0442	-0.97751237	0.002596476	
siR_33759	1.5598	0.4475	-1.80140147	3.03E-05	**
siR_337619	1.1344	0.01	-6.82578563	5.32E-10	**
siR_337893	1.737	0.01	-7.44045394	6.21E-15	**
siR_33791	2.7651	0.5221	-2.40493359	1.84E-11	**
siR_33795	1.028	0.4848	-1.08437866	0.021479092	*
siR_33798	0.01	1.3053	7.02823761	1.15E-11	**
siR_33800	0.01	4.1023	8.68028919	4.46E-35	**
siR_33808	0.01	2.4987	7.96503389	1.18E-21	**
siR_338152	1.4889	0.01	-7.21810305	6.67E-13	**
siR_338255	2.5878	0.01	-8.0155823	6.75E-22	**
siR_33826	1.1698	0.5594	-1.06430974	0.015477614	*
siR_338322	1.1698	0.01	-6.87011809	2.73E-10	**
siR_338456	2.6233	0.01	-8.035239	3.46E-22	**
siR_338502	2.7296	0.01	-8.09254576	4.66E-23	**
siR_338546	1.3471	0.01	-7.07371314	9.66E-12	**
siR_338593	1.5598	0.01	-7.28521726	1.75E-13	**
siR_338690	2.4106	0.01	-7.91324847	1.91E-20	**
siR_338801	2.6233	0.01	-8.035239	3.46E-22	**
siR_33881	0.01	3.9159	8.61320011	1.62E-33	**
siR_338890	4.0058	0.01	-8.64594661	1.67E-33	**
siR_339231	3.9349	0.01	-8.62018319	6.36E-33	**
siR_339386	1.418	0.01	-7.14771372	2.54E-12	**
siR_339446	12.9038	0.01	-10.33358029	2.47E-106	**
siR_33953	13.7546	6.3027	-1.12587229	1.31E-18	**
siR_339530	2.1979	0.01	-7.77998195	1.05E-18	**
siR_33954	14.2154	5.967	-1.25237701	2.02E-22	**
siR_33955	2.1979	1.3799	-0.67156203	0.023914899	
siR_33956	3.0841	1.0815	-1.51181588	1.88E-07	**
siR_33962	1.0635	0.3356	-1.66400541	0.001193189	**
siR_33963	87.2069	47.0649	-0.88979076	1.25E-74	
siR_339635	1.4889	0.01	-7.21810305	6.67E-13	**
siR_33964	44.0288	18.4232	-1.25692385	2.40E-66	**
siR_33965	7.6572	2.536	-1.59426219	1.07E-17	**

siR_339660	6.4873	0.01	-9.34147438	8.16E-54	**
siR_339712	1.0989	0.01	-6.7799163	1.04E-09	**
siR_339777	3.4386	0.01	-8.42567749	7.34E-29	**
siR_339795	1.5952	0.01	-7.31759351	8.99E-14	**
siR_33981	0.9217	1.0815	0.23066451	0.554575008	
siR_33991	0.01	1.8274	7.51364865	4.92E-16	**
siR_34008	777.5947	404.7503	-0.94198624	0	
siR_34009	22.7234	15.7753	-0.52651127	4.13E-09	
siR_34010	15.0662	6.1908	-1.28311783	1.62E-24	**
siR_34011	6.6646	3.9531	-0.75353384	1.23E-05	
siR_34012	1.9497	0.5967	-1.70817447	6.58E-06	**
siR_34022	54.3093	34.3849	-0.65942412	9.31E-29	
siR_340249	1.028	0.01	-6.68369645	3.95E-09	**
siR_340370	2.2333	0.01	-7.80303324	5.38E-19	**
siR_340420	1.418	0.01	-7.14771372	2.54E-12	**
siR_340422	3.8286	0.01	-8.58067313	4.72E-32	**
siR_340423	15.6689	0.01	-10.61368817	5.76E-129	**
siR_340475	2.4106	0.01	-7.91324847	1.91E-20	**
siR_34053	2.127	1.3799	-0.62425631	0.037353781	
siR_34058	0.01	11.8594	10.21181531	5.19E-100	**
siR_3406	0.01	1.3053	7.02823761	1.15E-11	**
siR_340629	1.0635	0.01	-6.73267622	2.02E-09	**
siR_340642	1.3471	0.01	-7.07371314	9.66E-12	**
siR_34070	14.7826	2.5733	-2.52220847	3.67E-58	**
siR_340727	1.2053	0.01	-6.91324847	1.40E-10	**
siR_340801	1.4889	0.01	-7.21810305	6.67E-13	**
siR_340810	14.8181	0.01	-10.53314466	5.30E-122	**
siR_340816	2.6942	0.01	-8.07371315	9.10E-23	**
siR_34082	1.1698	0.2611	-2.16358753	5.01E-05	**
siR_340824	4.3603	0.01	-8.76828358	2.10E-36	**
siR_34087	3.1905	0.3356	-3.24896791	2.59E-17	**
siR_341113	1.418	0.01	-7.14771372	2.54E-12	**
siR_341203	5.6011	0.01	-9.12956637	1.46E-46	**
siR_341259	4.8212	0.01	-8.91324847	3.54E-40	**
siR_341293	1.1344	0.01	-6.82578563	5.32E-10	**
siR_341430	1.4534	0.01	-7.18328801	1.30E-12	**
siR_341442	2.6233	0.01	-8.035239	3.46E-22	**
siR_34155	0.01	15.8499	10.63025802	2.05E-133	**
siR_341579	1.4889	0.01	-7.21810305	6.67E-13	**
siR_34161	21.6954	17.8638	-0.28035018	0.001409251	
siR_341645	4.8212	0.01	-8.91324847	3.54E-40	**
siR_34168	34.2092	34.5341	0.01363726	0.83663578	
siR_341728	2.2688	0.01	-7.82578561	2.76E-19	**
siR_341735	1.2762	0.01	-6.99571063	3.67E-11	**
siR_341744	4.254	0.01	-8.73267624	1.56E-35	**
siR_341758	1.5598	0.01	-7.28521726	1.75E-13	**
siR_34177	1.3825	0.8205	-0.75270424	0.048742451	

siR_341773	1.6661	0.01	-7.38033118	2.36E-14	**
siR_341788	6.5582	0.01	-9.35715612	2.15E-54	**
siR_341820	1.1344	0.01	-6.82578563	5.32E-10	**
siR_341835	2.5878	0.01	-8.0155823	6.75E-22	**
siR_341858	6.7	0.01	-9.3880173	1.48E-55	**
siR_341865	1.9143	0.01	-7.58067313	2.20E-16	**
siR_34191	1.3825	0.5594	-1.30532732	0.001931693	**
siR_341912	3.2968	0.01	-8.36492254	1.06E-27	**
siR_341914	2.2333	0.01	-7.80303324	5.38E-19	**
siR_34192	17.9377	3.7294	-2.26597947	4.67E-62	**
siR_341923	65.547	0.01	-12.67831388	0	**
siR_341924	5.1048	0.01	-8.99571063	1.69E-42	**
siR_341925	1.4889	0.01	-7.21810305	6.67E-13	**
siR_342020	3.5095	0.01	-8.45512172	1.93E-29	**
siR_34203	1.0989	0.634	-0.79350536	0.066742311	
siR_342061	3.6159	0.01	-8.49821097	2.60E-30	**
siR_342063	3.2968	0.01	-8.36492254	1.06E-27	**
siR_34209	1.7725	0.7832	-1.17833296	0.001154208	**
siR_342099	9.3588	0.01	-9.87017969	2.56E-77	**
siR_342109	1.4534	0.01	-7.18328801	1.30E-12	**
siR_342116	1.0989	0.01	-6.7799163	1.04E-09	**
siR_342119	3.9349	0.01	-8.62018319	6.36E-33	**
siR_342127	1.2053	0.01	-6.91324847	1.40E-10	**
siR_342159	43.3907	0.01	-12.08317034	0	**
siR_342167	1.028	0.01	-6.68369645	3.95E-09	**
siR_342187	3.0841	0.01	-8.26870574	5.85E-26	**
siR_342189	1.2053	0.01	-6.91324847	1.40E-10	**
siR_34219	5.991	1.4918	-2.0057427	7.25E-19	**
siR_3422	4.1122	2.797	-0.55603018	0.00882381	
siR_34223	9.8551	4.0277	-1.29091428	1.05E-16	**
siR_34224	83.5555	31.1404	-1.42394732	4.84E-150	**
siR_34225	33.5711	7.9063	-2.08614521	1.66E-103	**
siR_342258	2.0561	0.01	-7.68376661	1.52E-17	**
siR_342276	1.3825	0.01	-7.11113566	4.95E-12	**
siR_34229	1.028	0.0373	-4.78452082	6.17E-08	**
siR_34230	4.6794	1.6036	-1.54500923	6.38E-11	**
siR_34245	0.01	1.8647	7.54279973	2.40E-16	**
siR_342469	1.3471	0.01	-7.07371314	9.66E-12	**
siR_342519	2.5524	0.01	-7.99571063	1.32E-21	**
siR_34255	2.446	1.9766	-0.30740346	0.245048937	
siR_34259	0.01	3.0954	8.27398204	1.20E-26	**
siR_342596	1.8788	0.01	-7.55366769	4.29E-16	**
siR_342634	1.0635	0.01	-6.73267622	2.02E-09	**
siR_34264	1.0635	0.634	-0.74626529	0.087380955	
siR_34266	3.7577	1.9766	-0.92682895	9.24E-05	
siR_34268	20.9509	18.0502	-0.2149974	0.0149555	
siR_34270	1.7016	1.0815	-0.65385827	0.052814454	

siR_342745	1.2407	0.01	-6.95501051	7.17E-11	**
siR_342826	1.028	0.01	-6.68369645	3.95E-09	**
siR_34287	2.6942	2.1258	-0.34185108	0.177130031	
siR_342889	3.7931	0.01	-8.56723361	9.20E-32	**
siR_34299	4.3603	0.5594	-2.96247524	2.43E-21	**
siR_343	7.0191	2.0139	-1.80129401	3.98E-19	**
siR_34303	0.01	1.9393	7.59939219	5.69E-17	**
siR_343184	1.1344	0.01	-6.82578563	5.32E-10	**
siR_343228	2.5169	0.01	-7.97550407	2.57E-21	**
siR_343294	2.2333	0.01	-7.80303324	5.38E-19	**
siR_3433	0.01	2.536	7.98641094	5.76E-22	**
siR_343412	4.0413	0.01	-8.65867564	8.57E-34	**
siR_343418	1.1344	0.01	-6.82578563	5.32E-10	**
siR_34342	0.01	2.4614	7.94333532	2.43E-21	**
siR_34349	3.8995	1.1934	-1.70821147	1.50E-10	**
siR_3435	0.01	3.3192	8.37469175	1.60E-28	**
siR_34354	1.3116	0.634	-1.04877306	0.011177638	*
siR_343554	4.7503	0.01	-8.89187482	1.35E-39	**
siR_34356	3.4386	2.0885	-0.71935416	0.002620964	
siR_343651	3.7931	0.01	-8.56723361	9.20E-32	**
siR_343688	5.8138	0.01	-9.18333764	2.66E-48	**
siR_343692	5.3175	0.01	-9.0546043	3.07E-44	**
siR_34377	6.9836	2.3495	-1.57161716	5.78E-16	**
siR_34386	15.8816	5.2584	-1.59466047	4.62E-35	**
siR_343887	49.9844	0.01	-12.28726233	0	**
siR_343902	1.2407	0.01	-6.95501051	7.17E-11	**
siR_34391	0.01	3.0954	8.27398204	1.20E-26	**
siR_34393	0.01	1.5663	7.29121675	7.54E-14	**
siR_343938	1.2762	0.01	-6.99571063	3.67E-11	**
siR_34394	0.01	110.6882	13.43421381	0	**
siR_344	8.2953	1.4545	-2.51177086	3.55E-33	**
siR_34402	0.01	1.5663	7.29121675	7.54E-14	**
siR_344031	2.0206	0.01	-7.65863995	2.96E-17	**
siR_34405	0.01	1.4918	7.22091032	3.17E-13	**
siR_344065	49.0982	0.01	-12.2614541	0	**
siR_344072	47.7156	0.01	-12.22024506	0	**
siR_34413	0.01	1.0815	6.75688986	8.62E-10	**
siR_34416	68.8793	30.581	-1.1714349	3.78E-92	**
siR_344229	1.5952	0.01	-7.31759351	8.99E-14	**
siR_344233	2.5524	0.01	-7.99571063	1.32E-21	**
siR_344294	1.5952	0.01	-7.31759351	8.99E-14	**
siR_344295	1.4534	0.01	-7.18328801	1.30E-12	**
siR_34431	0.01	1.1561	6.85312238	2.05E-10	**
siR_344369	1.3116	0.01	-7.035184	1.88E-11	**
siR_344379	1.4889	0.01	-7.21810305	6.67E-13	**
siR_34440	1.2407	1.7528	0.49850707	0.121270293	
siR_344457	1.7725	0.01	-7.46964183	3.18E-15	**

siR_344460	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_344466	1. 8788	0. 01	-7. 55366769	4. 29E-16	**
siR_344473	12. 3011	0. 01	-10. 26457167	2. 12E-101	**
siR_344478	1. 5952	0. 01	-7. 31759351	8. 99E-14	**
siR_344494	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_344512	3. 2259	0. 01	-8. 33355791	4. 04E-27	**
siR_344527	6. 8064	0. 01	-9. 41074808	2. 00E-56	**
siR_344538	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_344565	4. 3249	0. 01	-8. 75652296	4. 09E-36	**
siR_344585	4. 9984	0. 01	-8. 96532255	1. 25E-41	**
siR_3446	1. 4889	1. 268	-0. 23169211	0. 491099214	
siR_34461	1. 9497	0. 2238	-3. 12297021	1. 04E-10	**
siR_344616	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_344650	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_344745	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_34477	8. 2244	6. 9367	-0. 24566094	0. 083549347	
siR_34478	8. 2598	6. 4891	-0. 34808845	0. 015773494	
siR_34480	9. 0043	8. 3538	-0. 10818152	0. 414470493	
siR_34481	3. 4032	2. 6106	-0. 38251052	0. 091472249	
siR_344815	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_3449	13. 9673	6. 7502	-1. 04905101	5. 33E-17	**
siR_34490	21. 0218	9. 3235	-1. 17294266	2. 24E-29	**
siR_345165	6. 9482	0. 01	-9. 44049544	1. 38E-57	**
siR_345199	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_345217	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_345245	2. 4815	0. 01	-7. 95506863	5. 01E-21	**
siR_345327	14. 8535	0. 01	-10. 5365872	2. 72E-122	**
siR_345414	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_345435	5. 8847	0. 01	-9. 20082503	6. 99E-49	**
siR_345523	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_345530	2. 6942	0. 01	-8. 07371315	9. 10E-23	**
siR_345539	15. 598	0. 01	-10. 60714542	2. 19E-128	**
siR_345602	3. 2259	0. 01	-8. 33355791	4. 04E-27	**
siR_345624	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_345661	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_345681	3. 2614	0. 01	-8. 34934759	2. 07E-27	**
siR_345686	2. 836	0. 01	-8. 14771372	6. 28E-24	**
siR_345707	1. 5952	0. 01	-7. 31759351	8. 99E-14	**
siR_345712	6. 1328	0. 01	-9. 26040207	6. 51E-51	**
siR_345718	32. 3304	0. 01	-11. 65867569	2. 43E-265	**
siR_345719	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_345726	29. 388	0. 01	-11. 52101164	2. 95E-241	**
siR_345727	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_345764	5. 3884	0. 01	-9. 07371312	8. 07E-45	**
siR_345808	8. 2598	0. 01	-9. 689963	2. 53E-68	**
siR_345886	3. 5095	0. 01	-8. 45512172	1. 93E-29	**
siR_345896	1. 418	0. 01	-7. 14771372	2. 54E-12	**

siR_345964	1.4534	0.01	-7.18328801	1.30E-12	**
siR_34603	0.01	1.1561	6.85312238	2.05E-10	**
siR_346039	3.2259	0.01	-8.33355791	4.04E-27	**
siR_34606	34.1383	9.2116	-1.88986755	1.29E-92	**
siR_346064	1.418	0.01	-7.14771372	2.54E-12	**
siR_346074	1.5598	0.01	-7.28521726	1.75E-13	**
siR_346082	1.9852	0.01	-7.63314056	5.78E-17	**
siR_346101	3.0487	0.01	-8.25205038	1.14E-25	**
siR_346134	3.9349	0.01	-8.62018319	6.36E-33	**
siR_346161	1.9852	0.01	-7.63314056	5.78E-17	**
siR_346162	1.4534	0.01	-7.18328801	1.30E-12	**
siR_346194	4.1476	0.01	-8.69613295	1.15E-34	**
siR_346205	15.7043	0.01	-10.61694386	2.96E-129	**
siR_346229	9.7487	0.01	-9.92906603	1.65E-80	**
siR_346333	1.4889	0.01	-7.21810305	6.67E-13	**
siR_346337	2.9423	0.01	-8.20080054	8.47E-25	**
siR_346340	1.737	0.01	-7.44045394	6.21E-15	**
siR_346369	2.7296	0.01	-8.09254576	4.66E-23	**
siR_346391	1.8434	0.01	-7.52622535	8.37E-16	**
siR_346393	3.3677	0.01	-8.39561983	2.79E-28	**
siR_346396	1.1344	0.01	-6.82578563	5.32E-10	**
siR_346418	4.3249	0.01	-8.75652296	4.09E-36	**
siR_34643	1.3825	0.7086	-0.96423611	0.014998473	
siR_34644	1.2053	0.7832	-0.62193961	0.120458422	
siR_346485	1.3825	0.01	-7.11113566	4.95E-12	**
siR_346495	7.8699	0.01	-9.62020147	3.94E-65	**
siR_34656	0.01	2.8343	8.14684866	1.83E-24	**
siR_346563	1.2053	0.01	-6.91324847	1.40E-10	**
siR_346564	1.5598	0.01	-7.28521726	1.75E-13	**
siR_346602	1.9852	0.01	-7.63314056	5.78E-17	**
siR_346606	14.3218	0.01	-10.48399702	6.12E-118	**
siR_346608	1.7016	0.01	-7.41074813	1.21E-14	**
siR_346664	1.1698	0.01	-6.87011809	2.73E-10	**
siR_346665	1.2053	0.01	-6.91324847	1.40E-10	**
siR_346692	2.0561	0.01	-7.68376661	1.52E-17	**
siR_346697	1.7016	0.01	-7.41074813	1.21E-14	**
siR_346729	1.1698	0.01	-6.87011809	2.73E-10	**
siR_346749	1.4534	0.01	-7.18328801	1.30E-12	**
siR_346771	1.1698	0.01	-6.87011809	2.73E-10	**
siR_346800	123.3304	0.01	-13.59024101	0	**
siR_346801	4.8921	0.01	-8.93431011	9.31E-41	**
siR_346802	2.1624	0.01	-7.75648961	2.05E-18	**
siR_346809	2.0915	0.01	-7.70839418	7.79E-18	**
siR_346818	4.6085	0.01	-8.84815347	1.95E-38	**
siR_346838	8.0471	0.01	-9.65232515	1.40E-66	**
siR_346845	13.6482	0.01	-10.41449488	1.99E-112	**
siR_346846	52.8559	0.01	-12.36784909	0	**

siR_346847	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_34688	122. 8341	74. 1029	-0. 72910921	1. 17E-74	
siR_346939	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_34695	2162. 9081	647. 3469	-1. 74036143	0	**
siR_34696	1. 9852	2. 3495	0. 24306941	0. 359145421	
siR_34697	1. 2762	0. 9696	-0. 39639284	0. 289463081	
siR_346996	1. 737	0. 01	-7. 44045394	6. 21E-15	**
siR_347003	3. 8995	0. 01	-8. 60714536	1. 24E-32	**
siR_34703	83. 3783	55. 7543	-0. 58058888	8. 22E-35	
siR_34704	2. 5878	1. 1188	-1. 20977396	5. 77E-05	**
siR_34705	1. 5243	1. 0442	-0. 54574881	0. 119431711	
siR_34710	0. 01	15. 477	10. 59591014	2. 72E-130	**
siR_347119	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_347136	3. 3323	0. 01	-8. 38037447	5. 44E-28	**
siR_347152	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_347156	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_347172	4. 6794	0. 01	-8. 87017976	5. 13E-39	**
siR_347182	1. 7016	0. 01	-7. 41074813	1. 21E-14	**
siR_347184	64. 1644	0. 01	-12. 647557	0	**
siR_3472	11. 9821	12. 6426	0. 07741241	0. 484693165	
siR_347207	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_347235	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_34728	2. 9778	1. 6409	-0. 85975954	0. 001103406	
siR_3473	0. 01	5. 7433	9. 16573611	8. 19E-49	**
siR_34731	0. 01	8. 5776	9. 74443023	1. 54E-72	**
siR_347325	3. 1905	0. 01	-8. 31763871	7. 88E-27	**
siR_347339	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_347353	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_347354	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_347392	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_34740	0. 01	2. 0885	7. 70632333	3. 21E-18	**
siR_34741	0. 01	1. 6036	7. 32517051	3. 67E-14	**
siR_347417	2. 9423	0. 01	-8. 20080054	8. 47E-25	**
siR_347432	2. 9069	0. 01	-8. 18333764	1. 65E-24	**
siR_3475	0. 01	1. 3426	7. 06888574	5. 63E-12	**
siR_347525	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_347530	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_347548	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_347554	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_347603	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_34762	17. 2641	3. 3937	-2. 34684418	2. 61E-62	**
siR_347676	1. 9852	0. 01	-7. 63314056	5. 78E-17	**
siR_347688	3. 6159	0. 01	-8. 49821097	2. 60E-30	**
siR_347703	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_347707	2. 6942	0. 01	-8. 07371315	9. 10E-23	**
siR_34774	4. 6085	2. 5733	-0. 84067759	6. 60E-05	
siR_347752	1. 3116	0. 01	-7. 035184	1. 88E-11	**

siR_347755	4.0058	0.01	-8.64594661	1.67E-33	**
siR_347781	1.9852	0.01	-7.63314056	5.78E-17	**
siR_347896	1.5598	0.01	-7.28521726	1.75E-13	**
siR_347919	1.5598	0.01	-7.28521726	1.75E-13	**
siR_347943	1.418	0.01	-7.14771372	2.54E-12	**
siR_34797	10.0323	7.869	-0.35040018	0.007401911	
siR_347983	1.0635	0.01	-6.73267622	2.02E-09	**
siR_347984	5.1757	0.01	-9.01561019	4.44E-43	**
siR_348082	2.5169	0.01	-7.97550407	2.57E-21	**
siR_348083	1.8434	0.01	-7.52622535	8.37E-16	**
siR_348166	8.0471	0.01	-9.65232515	1.40E-66	**
siR_348172	1.1698	0.01	-6.87011809	2.73E-10	**
siR_34820	0.01	1.6409	7.35834351	1.79E-14	**
siR_348238	2.0915	0.01	-7.70839418	7.79E-18	**
siR_348280	1.4534	0.01	-7.18328801	1.30E-12	**
siR_3483	1.8788	0.634	-1.56725675	3.20E-05	**
siR_34838	2.1624	0.7832	-1.46518075	2.12E-05	**
siR_348388	1.2762	0.01	-6.99571063	3.67E-11	**
siR_348398	3.6159	0.01	-8.49821097	2.60E-30	**
siR_3484	14.889	4.4007	-1.75844193	1.25E-37	**
siR_348478	17.0514	0.01	-10.7356745	2.78E-140	**
siR_348525	1.3471	0.01	-7.07371314	9.66E-12	**
siR_348611	4.1831	0.01	-8.70842867	5.92E-35	**
siR_348653	1.2762	0.01	-6.99571063	3.67E-11	**
siR_348688	1.8434	0.01	-7.52622535	8.37E-16	**
siR_34872	1.2762	0.5594	-1.18990228	0.005634656	**
siR_34880	0.01	1.8274	7.51364865	4.92E-16	**
siR_348803	1.1698	0.01	-6.87011809	2.73E-10	**
siR_348806	17.4414	0.01	-10.76830006	1.79E-143	**
siR_348878	30.6642	0.01	-11.58233954	1.06E-251	**
siR_348888	3.1196	0.01	-8.28521723	3.00E-26	**
siR_348891	2.1979	0.01	-7.77998195	1.05E-18	**
siR_34892	0.01	3.3192	8.37469175	1.60E-28	**
siR_348932	2.6233	0.01	-8.035239	3.46E-22	**
siR_348994	1.4534	0.01	-7.18328801	1.30E-12	**
siR_3490	2.0206	3.431	0.76384537	0.001477417	
siR_349051	1.0989	0.01	-6.7799163	1.04E-09	**
siR_3491	0.01	2.4987	7.96503389	1.18E-21	**
siR_34912	0.01	1.3426	7.06888574	5.63E-12	**
siR_349147	3.3677	0.01	-8.39561983	2.79E-28	**
siR_349172	1.2407	0.01	-6.95501051	7.17E-11	**
siR_349208	21.979	0.01	-11.10190988	1.30E-180	**
siR_349235	3.7931	0.01	-8.56723361	9.20E-32	**
siR_349264	1.7016	0.01	-7.41074813	1.21E-14	**
siR_34927	1.0635	0.1119	-3.24853809	1.55E-06	**
siR_349324	2.3042	0.01	-7.84812212	1.41E-19	**
siR_349337	1.028	0.01	-6.68369645	3.95E-09	**

siR_349345	1. 5952	0. 01	-7. 31759351	8. 99E-14	**
siR_349349	2. 836	0. 01	-8. 14771372	6. 28E-24	**
siR_349358	13. 4355	0. 01	-10. 39183435	1. 10E-110	**
siR_349362	6. 7355	0. 01	-9. 39564121	7. 60E-56	**
siR_349405	5. 5302	0. 01	-9. 11118782	5. 57E-46	**
siR_349418	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_349422	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_349665	11. 1667	0. 01	-10. 12498721	4. 08E-92	**
siR_349739	2. 0915	0. 01	-7. 70839418	7. 79E-18	**
siR_349811	2. 4815	0. 01	-7. 95506863	5. 01E-21	**
siR_349816	56. 6845	0. 01	-12. 46873833	0	**
siR_349817	8. 3662	0. 01	-9. 70842867	3. 42E-69	**
siR_349835	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_349863	3. 1196	0. 01	-8. 28521723	3. 00E-26	**
siR_349901	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_34993	2. 3751	0. 7832	-1. 60053559	1. 96E-06	**
siR_349936	3. 7222	0. 01	-8. 54001177	3. 50E-31	**
siR_349941	2. 8005	0. 01	-8. 12954063	1. 23E-23	**
siR_3500	0. 01	1. 0815	6. 75688986	8. 62E-10	**
siR_35003	1. 4534	0. 7832	-0. 89197914	0. 019383579	
siR_35006	0. 01	2. 2003	7. 78155643	3. 72E-19	**
siR_350074	6. 0974	0. 01	-9. 25205038	1. 27E-50	**
siR_350119	2. 8005	0. 01	-8. 12954063	1. 23E-23	**
siR_350125	91. 1418	0. 01	-13. 15389769	0	**
siR_350126	21. 8726	0. 01	-11. 09490906	9. 62E-180	**
siR_350127	4. 2894	0. 01	-8. 74463204	7. 97E-36	**
siR_350128	1. 8788	0. 01	-7. 55366769	4. 29E-16	**
siR_350138	6. 1328	0. 01	-9. 26040207	6. 51E-51	**
siR_350139	3. 3323	0. 01	-8. 38037447	5. 44E-28	**
siR_350225	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_350230	3. 4386	0. 01	-8. 42567749	7. 34E-29	**
siR_350238	1. 7016	0. 01	-7. 41074813	1. 21E-14	**
siR_350254	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_350267	3. 6868	0. 01	-8. 52622535	6. 83E-31	**
siR_350326	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_350340	11. 663	0. 01	-10. 18772327	3. 54E-96	**
siR_35040	0. 01	1. 6036	7. 32517051	3. 67E-14	**
siR_350402	5. 8138	0. 01	-9. 18333764	2. 66E-48	**
siR_350430	49. 5945	0. 01	-12. 27596415	0	**
siR_350517	2. 2688	0. 01	-7. 82578561	2. 76E-19	**
siR_350553	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_350564	6. 381	0. 01	-9. 31763871	6. 06E-53	**
siR_350634	2. 3397	0. 01	-7. 87017976	7. 25E-20	**
siR_350642	9. 0043	0. 01	-9. 81447031	2. 04E-74	**
siR_350699	3. 2259	0. 01	-8. 33355791	4. 04E-27	**
siR_3507	5. 991	1. 9393	-1. 62726084	1. 54E-14	**
siR_350729	1. 7725	0. 01	-7. 46964183	3. 18E-15	**

siR_35073	1.418	0.5967	-1.24877985	0.002405224	**
siR_350737	6.6291	0.01	-9.37266921	5.64E-55	**
siR_35074	2.836	1.1934	-1.24877985	1.57E-05	**
siR_350779	1.5243	0.01	-7.25200305	3.42E-13	**
siR_350805	2.5169	0.01	-7.97550407	2.57E-21	**
siR_35081	0.01	1.3053	7.02823761	1.15E-11	**
siR_350827	1.3471	0.01	-7.07371314	9.66E-12	**
siR_350887	1.9852	0.01	-7.63314056	5.78E-17	**
siR_350906	1.6661	0.01	-7.38033118	2.36E-14	**
siR_35093	4.0767	2.3122	-0.8181356	0.000247352	
siR_3510	2.7296	0.7459	-1.87163542	1.23E-08	**
siR_351029	2.4815	0.01	-7.95506863	5.01E-21	**
siR_351034	8.2953	0.01	-9.69615036	1.30E-68	**
siR_351066	2.7296	0.01	-8.09254576	4.66E-23	**
siR_351087	1.1344	0.01	-6.82578563	5.32E-10	**
siR_35113	0.01	2.2003	7.78155643	3.72E-19	**
siR_35114	0.01	1.6409	7.35834351	1.79E-14	**
siR_351168	1.7016	0.01	-7.41074813	1.21E-14	**
siR_351202	2.5878	0.01	-8.0155823	6.75E-22	**
siR_35121	43.7098	24.241	-0.85050756	1.38E-35	
siR_351234	1.0989	0.01	-6.7799163	1.04E-09	**
siR_351268	1.0635	0.01	-6.73267622	2.02E-09	**
siR_351331	54.522	0.01	-12.41262277	0	**
siR_351359	2.6233	0.01	-8.035239	3.46E-22	**
siR_351378	3.4032	0.01	-8.41074813	1.43E-28	**
siR_351381	1.2053	0.01	-6.91324847	1.40E-10	**
siR_351405	1.3825	0.01	-7.11113566	4.95E-12	**
siR_351447	2.3397	0.01	-7.87017976	7.25E-20	**
siR_351455	84.6899	0.01	-13.04797463	0	**
siR_35148	12.5847	2.2376	-2.49164676	4.37E-49	**
siR_351525	6.5582	0.01	-9.35715612	2.15E-54	**
siR_351580	766.9598	0.01	-16.22686257	0	**
siR_351581	16.0234	0.01	-10.64596453	7.23E-132	**
siR_351582	3.0841	0.01	-8.26870574	5.85E-26	**
siR_35168	1.6307	0.8578	-0.92677817	0.01044997	
siR_351693	3.545	0.01	-8.4696418	9.89E-30	**
siR_351695	1.7016	0.01	-7.41074813	1.21E-14	**
siR_351717	1.0989	0.01	-6.7799163	1.04E-09	**
siR_351754	41.051	0.01	-12.0032018	0	**
siR_351755	10.9895	0.01	-10.10191004	1.15E-90	**
siR_351769	2.6587	0.01	-8.05457718	1.77E-22	**
siR_351770	1.4534	0.01	-7.18328801	1.30E-12	**
siR_35183	1.2407	0.6713	-0.88612477	0.0320329	
siR_351837	1.6661	0.01	-7.38033118	2.36E-14	**
siR_35184	1.028	0.5967	-0.78476258	0.079326488	
siR_351862	4.7148	0.01	-8.88105279	2.63E-39	**
siR_351864	5.6011	0.01	-9.12956637	1.46E-46	**

siR_351888	1.9497	0.01	-7.60710834	1.13E-16	**
siR_351891	6.4164	0.01	-9.3256203	3.11E-53	**
siR_351929	165.2677	0.01	-14.01251696	0	**
siR_35195	0.01	1.5663	7.29121675	7.54E-14	**
siR_352028	1.9143	0.01	-7.58067313	2.20E-16	**
siR_35203	1.028	0.5221	-0.9774422	0.034659916	
siR_352030	1.418	0.01	-7.14771372	2.54E-12	**
siR_352065	2.836	0.01	-8.14771372	6.28E-24	**
siR_35210	1.028	0.7459	-0.46278613	0.27375448	
siR_352172	1.3825	0.01	-7.11113566	4.95E-12	**
siR_352192	2.446	0.01	-7.93428061	9.77E-21	**
siR_352196	2.0206	0.01	-7.65863995	2.96E-17	**
siR_352209	1.028	0.01	-6.68369645	3.95E-09	**
siR_352237	4.1122	0.01	-8.68376664	2.25E-34	**
siR_3523	0.01	6.3027	9.29982618	1.70E-53	**
siR_352500	10.5286	0.01	-10.04009789	6.82E-87	**
siR_352519	2.446	0.01	-7.93428061	9.77E-21	**
siR_352571	9.3588	0.01	-9.87017969	2.56E-77	**
siR_35261	3.864	0.2984	-3.69477565	6.08E-23	**
siR_35264	1.9143	0.634	-1.59426219	2.13E-05	**
siR_352656	2.5169	0.01	-7.97550407	2.57E-21	**
siR_352692	2.5878	0.01	-8.0155823	6.75E-22	**
siR_352696	1.8788	0.01	-7.55366769	4.29E-16	**
siR_352697	1.3116	0.01	-7.035184	1.88E-11	**
siR_3527	1.2053	0.4848	-1.31393068	0.003684871	**
siR_35270	4.7503	1.7155	-1.4693895	2.22E-10	**
siR_352701	1.8434	0.01	-7.52622535	8.37E-16	**
siR_352710	1.737	0.01	-7.44045394	6.21E-15	**
siR_352724	3.2968	0.01	-8.36492254	1.06E-27	**
siR_35274	2.5169	0.7459	-1.75459377	1.70E-07	**
siR_352772	1.0989	0.01	-6.7799163	1.04E-09	**
siR_352807	5.4238	0.01	-9.08316017	4.14E-45	**
siR_352883	1.9143	0.01	-7.58067313	2.20E-16	**
siR_352894	1.8434	0.01	-7.52622535	8.37E-16	**
siR_35294	15.0308	12.2324	-0.29721431	0.004984535	
siR_352948	13.4355	0.01	-10.39183435	1.10E-110	**
siR_352952	188.2747	0.01	-14.20055101	0	**
siR_352963	1.2407	0.01	-6.95501051	7.17E-11	**
siR_352980	1.8079	0.01	-7.49817107	1.63E-15	**
siR_35300	0.01	1.1188	6.80580835	4.20E-10	**
siR_353030	1.8788	0.01	-7.55366769	4.29E-16	**
siR_35308	0.01	13.4258	10.39079234	4.02E-113	**
siR_353099	1.2762	0.01	-6.99571063	3.67E-11	**
siR_35311	0.01	11.934	10.22086197	1.23E-100	**
siR_353208	2.8005	0.01	-8.12954063	1.23E-23	**
siR_353249	2.836	0.01	-8.14771372	6.28E-24	**
siR_35352	1.028	0.2611	-1.9771659	0.000342937	**

siR_353537	5.7429	0.01	-9.16563566	1.01E-47	**
siR_35355	1.3116	0.7832	-0.74387514	0.057586901	
siR_353556	1.2762	0.01	-6.99571063	3.67E-11	**
siR_35356	0.9217	1.7528	0.92729223	0.007524723	
siR_35358	1.3471	1.268	-0.08730221	0.802228468	
siR_353583	9.8196	0.01	-9.93952048	4.33E-81	**
siR_353616	1.2407	0.01	-6.95501051	7.17E-11	**
siR_35362	0.01	4.438	8.79376586	6.91E-38	**
siR_353642	2.3751	0.01	-7.89184446	3.72E-20	**
siR_353684	3.7577	0.01	-8.5537061	1.79E-31	**
siR_353730	1.5952	0.01	-7.31759351	8.99E-14	**
siR_353733	2.5169	0.01	-7.97550407	2.57E-21	**
siR_35377	1.4889	0.7459	-0.99719273	0.009388402	
siR_3538	3.2968	2.7597	-0.25655492	0.255097475	
siR_353820	3.0487	0.01	-8.25205038	1.14E-25	**
siR_35383	2.0206	1.2307	-0.71530462	0.022165921	
siR_35385	6.4519	1.1188	-2.52777192	2.60E-26	**
siR_353864	10.954	0.01	-10.09724211	2.25E-90	**
siR_35391	60.8321	13.0156	-2.22459099	1.36E-201	**
siR_35395	1.028	0.2611	-1.9771659	0.000342937	**
siR_353958	4.3249	0.01	-8.75652296	4.09E-36	**
siR_3540	8.7561	5.7805	-0.59909414	4.21E-05	
siR_354029	4.4312	0.01	-8.79155366	5.51E-37	**
siR_35404	0.01	1.5663	7.29121675	7.54E-14	**
siR_354064	2.0206	0.01	-7.65863995	2.96E-17	**
siR_354081	9.4297	0.01	-9.8810681	6.74E-78	**
siR_354082	4.7503	0.01	-8.89187482	1.35E-39	**
siR_354085	2.6587	0.01	-8.05457718	1.77E-22	**
siR_354087	4.8566	0.01	-8.92380283	1.82E-40	**
siR_354089	23.007	0.01	-11.16785724	4.99E-189	**
siR_354095	1.3116	0.01	-7.035184	1.88E-11	**
siR_354097	1.028	0.01	-6.68369645	3.95E-09	**
siR_3542	8.118	4.2515	-0.9331524	6.90E-09	
siR_354235	2.5878	0.01	-8.0155823	6.75E-22	**
siR_354241	3.5804	0.01	-8.48397698	5.07E-30	**
siR_35429	1.5243	0.5594	-1.44619471	0.000426884	**
siR_354331	11.5567	0.01	-10.17451381	2.63E-95	**
siR_354332	30.6642	0.01	-11.58233954	1.06E-251	**
siR_354333	1.7016	0.01	-7.41074813	1.21E-14	**
siR_354357	1.3116	0.01	-7.035184	1.88E-11	**
siR_354463	1.028	0.01	-6.68369645	3.95E-09	**
siR_354560	4.4312	0.01	-8.79155366	5.51E-37	**
siR_3546	0.01	1.5663	7.29121675	7.54E-14	**
siR_35464	6.4873	3.431	-0.91898903	3.22E-07	
siR_354709	2.4106	0.01	-7.91324847	1.91E-20	**
siR_354784	3.3677	0.01	-8.39561983	2.79E-28	**
siR_354785	1.2407	0.01	-6.95501051	7.17E-11	**

siR_354825	1.1698	0.01	-6.87011809	2.73E-10	**
siR_354902	3.0132	0.01	-8.23515263	2.23E-25	**
siR_3550	0.01	2.4241	7.9213054	4.98E-21	**
siR_355008	2.3751	0.01	-7.89184446	3.72E-20	**
siR_355010	1.0635	0.01	-6.73267622	2.02E-09	**
siR_35502	0.8862	1.3426	0.59932532	0.109876009	
siR_355174	3.3677	0.01	-8.39561983	2.79E-28	**
siR_355245	1.5243	0.01	-7.25200305	3.42E-13	**
siR_35530	1.0635	0.4475	-1.24886045	0.008857046	**
siR_355339	3.6513	0.01	-8.51226639	1.33E-30	**
siR_35534	0.01	1.4918	7.22091032	3.17E-13	**
siR_355402	1.1698	0.01	-6.87011809	2.73E-10	**
siR_355412	1.028	0.01	-6.68369645	3.95E-09	**
siR_355415	8.1889	0.01	-9.6775259	9.64E-68	**
siR_355435	7.5154	0.01	-9.55370604	3.14E-62	**
siR_355489	13.2583	0.01	-10.37268011	3.10E-109	**
siR_35556	2.2688	0.9323	-1.28306327	8.18E-05	**
siR_355594	5.9556	0.01	-9.21810309	1.84E-49	**
siR_35564	0.01	1.6409	7.35834351	1.79E-14	**
siR_355650	1.028	0.01	-6.68369645	3.95E-09	**
siR_35568	3.8995	0.8578	-2.18457593	4.55E-14	**
siR_355766	11.4149	0.01	-10.15670246	3.80E-94	**
siR_355799	2.6587	0.01	-8.05457718	1.77E-22	**
siR_355917	1.3825	0.01	-7.11113566	4.95E-12	**
siR_355987	25.524	0.01	-11.3176388	1.25E-209	**
siR_355990	43.4262	0.01	-12.0843502	0	**
siR_356030	1.0635	0.01	-6.73267622	2.02E-09	**
siR_356033	1.418	0.01	-7.14771372	2.54E-12	**
siR_356054	3.1196	0.01	-8.28521723	3.00E-26	**
siR_356057	32.7912	0.01	-11.67909283	4.11E-269	**
siR_356058	1.3116	0.01	-7.035184	1.88E-11	**
siR_356060	2.1979	0.01	-7.77998195	1.05E-18	**
siR_356092	31.196	0.01	-11.60714542	4.69E-256	**
siR_356159	1.2762	0.01	-6.99571063	3.67E-11	**
siR_35616	1.418	0.1119	-3.66357559	4.20E-09	**
siR_356239	4.1476	0.01	-8.69613295	1.15E-34	**
siR_35628	1.9497	1.4172	-0.46020878	0.130794452	
siR_356294	2.9778	0.01	-8.21810305	4.34E-25	**
siR_356327	7.5154	0.01	-9.55370604	3.14E-62	**
siR_356335	2.4106	0.01	-7.91324847	1.91E-20	**
siR_356342	77.8835	0.01	-12.92710201	0	**
siR_356343	4.6085	0.01	-8.84815347	1.95E-38	**
siR_356349	92.5953	0.01	-13.17672381	0	**
siR_356350	2.0915	0.01	-7.70839418	7.79E-18	**
siR_356362	1.2407	0.01	-6.95501051	7.17E-11	**
siR_3564	1.5598	0.0746	-4.38604162	4.71E-11	**
siR_356453	1.1698	0.01	-6.87011809	2.73E-10	**

siR_356463	1.1344	0.01	-6.82578563	5.32E-10	**
siR_35655	1.0989	1.0442	-0.07366204	0.849549666	
siR_356613	1.2407	0.01	-6.95501051	7.17E-11	**
siR_35662	1.8788	1.6036	-0.22849718	0.444091037	
siR_356681	1.2407	0.01	-6.95501051	7.17E-11	**
siR_35669	3.0487	0.6713	-2.18316464	2.79E-11	**
siR_35672	2.7296	0.7459	-1.87163542	1.23E-08	**
siR_356769	1.1344	0.01	-6.82578563	5.32E-10	**
siR_356797	1.3116	0.01	-7.035184	1.88E-11	**
siR_356801	75.2248	0.01	-12.87699247	0	**
siR_356845	23.9642	0.01	-11.22666514	7.30E-197	**
siR_356846	2.127	0.01	-7.73267621	3.99E-18	**
siR_356931	1.6661	0.01	-7.38033118	2.36E-14	**
siR_35706	14.0027	11.7103	-0.257927	0.01788635	
siR_35709	73.9841	67.2408	-0.13787836	0.002936969	
siR_35715	47.9283	26.2549	-0.86829107	3.45E-40	
siR_35716	1.4889	0.3356	-2.14943224	4.80E-06	**
siR_357163	1.9497	0.01	-7.60710834	1.13E-16	**
siR_357176	21.0573	0.01	-11.04010472	4.54E-173	**
siR_35723	0.01	4.4753	8.80584059	3.37E-38	**
siR_35731	0.01	2.4987	7.96503389	1.18E-21	**
siR_357395	1.1344	0.01	-6.82578563	5.32E-10	**
siR_357396	1.2407	0.01	-6.95501051	7.17E-11	**
siR_357464	1.9143	0.01	-7.58067313	2.20E-16	**
siR_357471	1.3116	0.01	-7.035184	1.88E-11	**
siR_357486	99.8271	0.01	-13.28521579	0	**
siR_357487	1.6307	0.01	-7.34934759	4.61E-14	**
siR_35754	6.4519	4.065	-0.66646873	0.000112251	
siR_357543	1.7725	0.01	-7.46964183	3.18E-15	**
siR_357557	9.4651	0.01	-9.8864739	3.46E-78	**
siR_35761	0.01	1.1561	6.85312238	2.05E-10	**
siR_357742	1.4534	0.01	-7.18328801	1.30E-12	**
siR_357822	1.3116	0.01	-7.035184	1.88E-11	**
siR_357833	1.6307	0.01	-7.34934759	4.61E-14	**
siR_35790	9.9969	9.137	-0.12976023	0.303890808	
siR_35816	2.5878	1.268	-1.02917138	0.000412964	**
siR_358211	10.1741	0.01	-9.9906855	5.44E-84	**
siR_358215	2.6587	0.01	-8.05457718	1.77E-22	**
siR_35822	0.01	7.9436	9.63364917	3.12E-67	**
siR_35827	0.01	1.0815	6.75688986	8.62E-10	**
siR_35830	0.01	1.3799	7.10841991	2.74E-12	**
siR_358314	2.8005	0.01	-8.12954063	1.23E-23	**
siR_358346	3.8995	0.01	-8.60714536	1.24E-32	**
siR_358364	1.0989	0.01	-6.7799163	1.04E-09	**
siR_35844	0.01	1.0069	6.6537766	3.63E-09	**
siR_35846	4.3249	0.5594	-2.95071462	4.23E-21	**
siR_358493	3.6868	0.01	-8.52622535	6.83E-31	**

siR_358517	1.2762	0.01	-6.99571063	3.67E-11	**
siR_35852	3.1196	1.0815	-1.52832739	1.27E-07	**
siR_35854	2.6587	0.7086	-1.90767763	1.25E-08	**
siR_358619	42.0791	0.01	-12.03888794	0	**
siR_358622	18.6467	0.01	-10.86470468	2.44E-153	**
siR_35866	2.9778	1.3426	-1.14921731	3.39E-05	**
siR_358668	1.9497	0.01	-7.60710834	1.13E-16	**
siR_35867	3.9704	1.4172	-1.48624099	5.04E-09	**
siR_358673	1.6307	0.01	-7.34934759	4.61E-14	**
siR_35868	3.2614	1.6409	-0.99100407	0.000118932	
siR_35869	1.0635	1.268	0.25373471	0.483433973	
siR_358709	1.5598	0.01	-7.28521726	1.75E-13	**
siR_358712	11.0604	0.01	-10.1111879	3.03E-91	**
siR_358714	5.8847	0.01	-9.20082503	6.99E-49	**
siR_358718	6.6291	0.01	-9.37266921	5.64E-55	**
siR_358758	2.836	0.01	-8.14771372	6.28E-24	**
siR_358781	1.5243	0.01	-7.25200305	3.42E-13	**
siR_358803	1.5952	0.01	-7.31759351	8.99E-14	**
siR_35889	1.3825	0.4102	-1.75288008	0.0001191	**
siR_358895	1.418	0.01	-7.14771372	2.54E-12	**
siR_358900	1.2762	0.01	-6.99571063	3.67E-11	**
siR_358921	1.1698	0.01	-6.87011809	2.73E-10	**
siR_358936	1.0989	0.01	-6.7799163	1.04E-09	**
siR_358989	1.2762	0.01	-6.99571063	3.67E-11	**
siR_359060	2.9069	0.01	-8.18333764	1.65E-24	**
siR_359150	1.3825	0.01	-7.11113566	4.95E-12	**
siR_359154	2.5878	0.01	-8.0155823	6.75E-22	**
siR_359176	1.3471	0.01	-7.07371314	9.66E-12	**
siR_359249	11.2731	0.01	-10.13866865	5.50E-93	**
siR_359265	2.0915	0.01	-7.70839418	7.79E-18	**
siR_359306	2.6942	0.01	-8.07371315	9.10E-23	**
siR_359309	1.418	0.01	-7.14771372	2.54E-12	**
siR_359319	2.5878	0.01	-8.0155823	6.75E-22	**
siR_359329	4.9275	0.01	-8.94471205	4.77E-41	**
siR_359667	2.4815	0.01	-7.95506863	5.01E-21	**
siR_359847	1.4534	0.01	-7.18328801	1.30E-12	**
siR_359865	2.5878	0.01	-8.0155823	6.75E-22	**
siR_359867	1.5598	0.01	-7.28521726	1.75E-13	**
siR_35989	0.01	2.3868	7.89893387	1.02E-20	**
siR_36	5.9556	3.2446	-0.87620623	2.57E-06	
siR_36002	1.2762	0.4475	-1.51189485	0.000890445	**
siR_360042	1.5243	0.01	-7.25200305	3.42E-13	**
siR_360050	3.3323	0.01	-8.38037447	5.44E-28	**
siR_360062	1.5598	0.01	-7.28521726	1.75E-13	**
siR_360063	1.4889	0.01	-7.21810305	6.67E-13	**
siR_360064	1.3825	0.01	-7.11113566	4.95E-12	**
siR_360114	3.4032	0.01	-8.41074813	1.43E-28	**

siR_360128	1.0635	0.01	-6.73267622	2.02E-09	**
siR_360178	1.0989	0.01	-6.7799163	1.04E-09	**
siR_360191	21.9435	0.01	-11.09957799	2.53E-180	**
siR_360256	1.0989	0.01	-6.7799163	1.04E-09	**
siR_360339	1.2407	0.01	-6.95501051	7.17E-11	**
siR_360344	1.0635	0.01	-6.73267622	2.02E-09	**
siR_360363	1.737	0.01	-7.44045394	6.21E-15	**
siR_360373	1.4534	0.01	-7.18328801	1.30E-12	**
siR_36041	3.7577	2.2749	-0.72404676	0.001553669	
siR_360480	1.6307	0.01	-7.34934759	4.61E-14	**
siR_360506	1.3825	0.01	-7.11113566	4.95E-12	**
siR_360598	2.3042	0.01	-7.84812212	1.41E-19	**
siR_36061	0.01	1.7155	7.42248532	4.25E-15	**
siR_360655	1.8434	0.01	-7.52622535	8.37E-16	**
siR_36071	2.4815	1.3426	-0.88618291	0.002269145	
siR_360716	6.7355	0.01	-9.39564121	7.60E-56	**
siR_360775	7.4445	0.01	-9.5400311	1.20E-61	**
siR_360797	1.028	0.01	-6.68369645	3.95E-09	**
siR_360799	18.0795	0.01	-10.82013917	1.07E-148	**
siR_36081	1.4534	0.4102	-1.82503241	4.93E-05	**
siR_360819	3.6513	0.01	-8.51226639	1.33E-30	**
siR_360825	1.3825	0.01	-7.11113566	4.95E-12	**
siR_360826	3.4386	0.01	-8.42567749	7.34E-29	**
siR_360829	2.6942	0.01	-8.07371315	9.10E-23	**
siR_360833	2.127	0.01	-7.73267621	3.99E-18	**
siR_360981	1.1698	0.01	-6.87011809	2.73E-10	**
siR_360986	1.5952	0.01	-7.31759351	8.99E-14	**
siR_361036	2.3397	0.01	-7.87017976	7.25E-20	**
siR_361048	44.4897	0.01	-12.11925583	0	**
siR_361049	20.6319	0.01	-11.01066108	1.38E-169	**
siR_361130	1.8434	0.01	-7.52622535	8.37E-16	**
siR_36114	4.2185	2.0885	-1.01426296	7.94E-06	**
siR_361191	1.2762	0.01	-6.99571063	3.67E-11	**
siR_361232	4.1831	0.01	-8.70842867	5.92E-35	**
siR_36124	2.9069	1.0442	-1.47708338	6.68E-07	**
siR_361262	2.0561	0.01	-7.68376661	1.52E-17	**
siR_36127	0.01	5.6687	9.14687411	3.45E-48	**
siR_361278	1.2053	0.01	-6.91324847	1.40E-10	**
siR_361288	3.155	0.01	-8.3014962	1.54E-26	**
siR_361292	2.0206	0.01	-7.65863995	2.96E-17	**
siR_3614	1.9497	1.2307	-0.66377303	0.035430769	
siR_36141	1.028	0.2611	-1.9771659	0.000342937	**
siR_361584	2.5524	0.01	-7.99571063	1.32E-21	**
siR_3616	1.2762	0.7086	-0.84881107	0.035970454	
siR_36160	10.1741	7.6825	-0.40525341	0.002003657	
siR_36163	0.9571	1.0442	0.12565649	0.745938859	
siR_36164	1.4534	1.0069	-0.5295114	0.13923808	

siR_361675	4.9984	0.01	-8.96532255	1.25E-41	**
siR_36170	0.01	1.529	7.2564446	1.55E-13	**
siR_36173	2.9423	1.5663	-0.90958379	0.000670857	
siR_36176	0.01	1.3426	7.06888574	5.63E-12	**
siR_361859	1.028	0.01	-6.68369645	3.95E-09	**
siR_361887	2.3751	0.01	-7.89184446	3.72E-20	**
siR_36189	1.3471	0.4475	-1.58989736	0.000394142	**
siR_3619	1.7725	1.1934	-0.57070795	0.079955194	
siR_36194	0.01	23.2714	11.18434229	1.54E-195	**
siR_361975	2.1979	0.01	-7.77998195	1.05E-18	**
siR_362021	118.261	0.01	-13.52968728	0	**
siR_362022	1.9852	0.01	-7.63314056	5.78E-17	**
siR_36205	0.01	10.9644	10.09861115	1.61E-92	**
siR_362057	6.0974	0.01	-9.25205038	1.27E-50	**
siR_362061	13.5064	0.01	-10.39942755	2.89E-111	**
siR_362069	6.4519	0.01	-9.33358029	1.59E-53	**
siR_362087	1.9143	0.01	-7.58067313	2.20E-16	**
siR_362095	1.9497	0.01	-7.60710834	1.13E-16	**
siR_362167	3.2968	0.01	-8.36492254	1.06E-27	**
siR_362255	2.6233	0.01	-8.035239	3.46E-22	**
siR_362263	15.0308	0.01	-10.55370604	9.63E-124	**
siR_362265	6.5582	0.01	-9.35715612	2.15E-54	**
siR_362274	2.1624	0.01	-7.75648961	2.05E-18	**
siR_362316	3.2614	0.01	-8.34934759	2.07E-27	**
siR_36233	25.6303	5.2584	-2.28515457	7.96E-89	**
siR_362336	3.6513	0.01	-8.51226639	1.33E-30	**
siR_362338	2.8714	0.01	-8.16561052	3.22E-24	**
siR_36236	0.01	1.7155	7.42248532	4.25E-15	**
siR_36252	5.2111	1.1934	-2.12651026	8.97E-18	**
siR_362524	1.6307	0.01	-7.34934759	4.61E-14	**
siR_362536	1.1344	0.01	-6.82578563	5.32E-10	**
siR_36260	0.01	1.3799	7.10841991	2.74E-12	**
siR_36262	249.9576	54.3372	-2.20167126	0	**
siR_362623	6.0974	0.01	-9.25205038	1.27E-50	**
siR_36263	2.1979	0.5967	-1.88104807	3.08E-07	**
siR_362632	1.5598	0.01	-7.28521726	1.75E-13	**
siR_36268	6.4519	1.902	-1.76220683	3.24E-17	**
siR_362707	1.2407	0.01	-6.95501051	7.17E-11	**
siR_362727	1.5598	0.01	-7.28521726	1.75E-13	**
siR_36273	0.01	1.1188	6.80580835	4.20E-10	**
siR_36275	0.01	2.1258	7.73186206	1.57E-18	**
siR_362811	23.397	0.01	-11.19210792	3.21E-192	**
siR_362815	2.8005	0.01	-8.12954063	1.23E-23	**
siR_362834	1.2053	0.01	-6.91324847	1.40E-10	**
siR_362983	11.0249	0.01	-10.10654986	5.91E-91	**
siR_363367	24.1769	0.01	-11.23941341	1.33E-198	**
siR_363495	9.4651	0.01	-9.8864739	3.46E-78	**

siR_3635	5.282	1.7528	-1.59142291	1.27E-12	**
siR_363638	22.9361	0.01	-11.16340443	1.90E-188	**
siR_363640	449.4345	0.01	-15.45582217	0	**
siR_363641	1.3471	0.01	-7.07371314	9.66E-12	**
siR_363690	3.7931	0.01	-8.56723361	9.20E-32	**
siR_363691	1.5243	0.01	-7.25200305	3.42E-13	**
siR_36382	1.8788	0.8951	-1.06969073	0.001948509	**
siR_36383	1.4889	0.7832	-0.92679419	0.01451267	
siR_36388	8.4016	5.5195	-0.60612652	5.05E-05	
siR_363881	2.2688	0.01	-7.82578561	2.76E-19	**
siR_36389	6.3455	3.5802	-0.82569366	3.92E-06	
siR_363914	2.0206	0.01	-7.65863995	2.96E-17	**
siR_36408	2.6233	1.7155	-0.61275368	0.022775088	
siR_364088	9.8551	0.01	-9.94472677	2.22E-81	**
siR_364089	1.4889	0.01	-7.21810305	6.67E-13	**
siR_36414	1.1698	1.1188	-0.06430974	0.864211392	
siR_364173	13.5064	0.01	-10.39942755	2.89E-111	**
siR_364180	24.9922	0.01	-11.28726233	2.81E-205	**
siR_364181	3.9349	0.01	-8.62018319	6.36E-33	**
siR_36421	1.6307	1.902	0.22202585	0.449447402	
siR_364219	1.9497	0.01	-7.60710834	1.13E-16	**
siR_36439	2.2688	1.0069	-1.17200903	0.000243594	**
siR_364407	1.418	0.01	-7.14771372	2.54E-12	**
siR_364416	3.4386	0.01	-8.42567749	7.34E-29	**
siR_36448	2.0206	1.0442	-0.95238569	0.003482778	
siR_364530	5.3175	0.01	-9.0546043	3.07E-44	**
siR_364632	1.4889	0.01	-7.21810305	6.67E-13	**
siR_364654	3.6159	0.01	-8.49821097	2.60E-30	**
siR_364707	1.7725	0.01	-7.46964183	3.18E-15	**
siR_36472	0.01	1.1561	6.85312238	2.05E-10	**
siR_364722	2.1979	0.01	-7.77998195	1.05E-18	**
siR_36475	2.6233	1.1188	-1.22943064	4.11E-05	**
siR_364817	4.8566	0.01	-8.92380283	1.82E-40	**
siR_364818	1.5243	0.01	-7.25200305	3.42E-13	**
siR_36482	0.01	1.9393	7.59939219	5.69E-17	**
siR_364822	1.3116	0.01	-7.035184	1.88E-11	**
siR_36484	25.9848	10.1812	-1.35176034	2.10E-44	**
siR_364982	49.7717	0.01	-12.28110987	0	**
siR_365007	1.3116	0.01	-7.035184	1.88E-11	**
siR_36503	0.01	1.8647	7.54279973	2.40E-16	**
siR_365072	1.1344	0.01	-6.82578563	5.32E-10	**
siR_36509	1.2762	0.4102	-1.63745504	0.000431216	**
siR_36511	0.01	1.0815	6.75688986	8.62E-10	**
siR_36516	2.5524	1.6409	-0.63736712	0.020019747	
siR_365217	2.7651	0.01	-8.11118786	2.39E-23	**
siR_365266	1.3116	0.01	-7.035184	1.88E-11	**
siR_3653	0.01	2.0512	7.68032436	6.59E-18	**

siR_365341	6.9482	0.01	-9.44049544	1.38E-57	**
siR_365357	1.8434	0.01	-7.52622535	8.37E-16	**
siR_36546	2.2333	0.6713	-1.73414751	1.06E-06	**
siR_3655	1.028	0.5221	-0.9774422	0.034659916	
siR_365505	9.7842	0.01	-9.93431004	8.45E-81	**
siR_365553	1.2407	0.01	-6.95501051	7.17E-11	**
siR_365576	1.2407	0.01	-6.95501051	7.17E-11	**
siR_365580	1.2762	0.01	-6.99571063	3.67E-11	**
siR_365600	36.2653	0.01	-11.82437399	1.51E-297	**
siR_365604	4.8921	0.01	-8.93431011	9.31E-41	**
siR_365608	2.127	0.01	-7.73267621	3.99E-18	**
siR_365706	1.3825	0.01	-7.11113566	4.95E-12	**
siR_365796	1.3116	0.01	-7.035184	1.88E-11	**
siR_3658	0.01	2.0885	7.70632333	3.21E-18	**
siR_365821	2.4815	0.01	-7.95506863	5.01E-21	**
siR_365877	1.4534	0.01	-7.18328801	1.30E-12	**
siR_365893	15.7043	0.01	-10.61694386	2.96E-129	**
siR_365897	7.6572	0.01	-9.58067313	2.17E-63	**
siR_36590	0.01	1.1561	6.85312238	2.05E-10	**
siR_365901	4.7148	0.01	-8.88105279	2.63E-39	**
siR_365951	1.418	0.01	-7.14771372	2.54E-12	**
siR_36600	0.01	1.1188	6.80580835	4.20E-10	**
siR_36612	0.01	4.7736	8.89893387	1.07E-40	**
siR_366153	5.6011	0.01	-9.12956637	1.46E-46	**
siR_36618	10.7059	11.039	0.04420341	0.707215279	
siR_36621	0.01	1.3799	7.10841991	2.74E-12	**
siR_366211	3.8995	0.01	-8.60714536	1.24E-32	**
siR_36623	0.01	1.5663	7.29121675	7.54E-14	**
siR_36643	0.01	4.2888	8.74443023	1.22E-36	**
siR_36653	5.0339	1.268	-1.98912181	6.38E-16	**
siR_366644	29.9907	0.01	-11.55029948	3.44E-246	**
siR_36666	0.01	1.0442	6.70625425	1.77E-09	**
siR_366664	1.8434	0.01	-7.52622535	8.37E-16	**
siR_366667	1.1344	0.01	-6.82578563	5.32E-10	**
siR_366691	2.1624	0.01	-7.75648961	2.05E-18	**
siR_366730	10.7768	0.01	-10.07371319	6.35E-89	**
siR_36680	1.2407	0.8951	-0.47103354	0.220381215	
siR_366846	8.9334	0.01	-9.80306559	7.78E-74	**
siR_366851	1.7016	0.01	-7.41074813	1.21E-14	**
siR_366856	4.573	0.01	-8.83699711	3.81E-38	**
siR_367034	4.254	0.01	-8.73267624	1.56E-35	**
siR_367037	1.0989	0.01	-6.7799163	1.04E-09	**
siR_367039	44.7024	0.01	-12.1261368	0	**
siR_367040	1.737	0.01	-7.44045394	6.21E-15	**
siR_36709	1.5598	1.7901	0.19867913	0.509512756	
siR_36711	1.028	1.2307	0.25963886	0.48054543	
siR_36721	1.8788	0.3729	-2.3329508	6.03E-08	**

siR_36722	1.1698	0.3729	-1.64940119	0.000716423	**
siR_367271	1.0989	0.01	-6.7799163	1.04E-09	**
siR_367277	1.1698	0.01	-6.87011809	2.73E-10	**
siR_36737	0.01	1.0815	6.75688986	8.62E-10	**
siR_367469	27.4383	0.01	-11.42197525	2.68E-225	**
siR_367491	2.9069	0.01	-8.18333764	1.65E-24	**
siR_367709	2.3042	0.01	-7.84812212	1.41E-19	**
siR_36772	3.6513	2.536	-0.52585546	0.019022748	
siR_367740	1.2053	0.01	-6.91324847	1.40E-10	**
siR_367747	3.5804	0.01	-8.48397698	5.07E-30	**
siR_367768	1.028	0.01	-6.68369645	3.95E-09	**
siR_367772	1.2053	0.01	-6.91324847	1.40E-10	**
siR_367827	5.9556	0.01	-9.21810309	1.84E-49	**
siR_36784	3.4741	1.3053	-1.41225786	1.44E-07	**
siR_367864	13.7546	0.01	-10.42569848	2.69E-113	**
siR_367865	2.9069	0.01	-8.18333764	1.65E-24	**
siR_367898	2.0561	0.01	-7.68376661	1.52E-17	**
siR_368	13.1874	4.7736	-1.46601057	3.67E-26	**
siR_368061	2.2333	0.01	-7.80303324	5.38E-19	**
siR_368066	1.4889	0.01	-7.21810305	6.67E-13	**
siR_368080	1.1344	0.01	-6.82578563	5.32E-10	**
siR_368081	1.8079	0.01	-7.49817107	1.63E-15	**
siR_3681	2.0915	1.3426	-0.63950845	0.034937772	
siR_368112	1.8788	0.01	-7.55366769	4.29E-16	**
siR_368123	70.2264	0.01	-12.77779768	0	**
siR_368144	5.1402	0.01	-9.00568068	8.67E-43	**
siR_368189	1.6661	0.01	-7.38033118	2.36E-14	**
siR_368209	1.3825	0.01	-7.11113566	4.95E-12	**
siR_368227	5.6365	0.01	-9.13865581	7.51E-47	**
siR_368278	1.4889	0.01	-7.21810305	6.67E-13	**
siR_368328	3.2614	0.01	-8.34934759	2.07E-27	**
siR_368339	1.5598	0.01	-7.28521726	1.75E-13	**
siR_368430	14.4636	0.01	-10.49821097	4.23E-119	**
siR_368440	13.2937	0.01	-10.37652703	1.59E-109	**
siR_368500	1.8079	0.01	-7.49817107	1.63E-15	**
siR_368591	1.1698	0.01	-6.87011809	2.73E-10	**
siR_36860	3.9704	1.1188	-1.8273322	1.26E-11	**
siR_368604	1.5243	0.01	-7.25200305	3.42E-13	**
siR_368614	2.3751	0.01	-7.89184446	3.72E-20	**
siR_368626	1.0989	0.01	-6.7799163	1.04E-09	**
siR_368695	1.5598	0.01	-7.28521726	1.75E-13	**
siR_368727	1.737	0.01	-7.44045394	6.21E-15	**
siR_368734	2.5169	0.01	-7.97550407	2.57E-21	**
siR_368736	4.573	0.01	-8.83699711	3.81E-38	**
siR_368746	1.2053	0.01	-6.91324847	1.40E-10	**
siR_368748	13.9318	0.01	-10.44416603	9.52E-115	**
siR_368762	2.9423	0.01	-8.20080054	8.47E-25	**

siR_368779	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_368787	1. 6661	0. 01	-7. 38033118	2. 36E-14	**
siR_368823	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_36883	0. 01	4. 3261	8. 7569232	5. 97E-37	**
siR_36884	0. 01	3. 804	8. 57137344	1. 40E-32	**
siR_368864	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_368926	3. 155	0. 01	-8. 3014962	1. 54E-26	**
siR_368957	2. 836	0. 01	-8. 14771372	6. 28E-24	**
siR_368975	19. 2139	0. 01	-10. 90793479	5. 56E-158	**
siR_368976	5. 4947	0. 01	-9. 10189688	1. 09E-45	**
siR_368977	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_368985	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_368993	1. 7725	0. 01	-7. 46964183	3. 18E-15	**
siR_368994	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_369027	8. 7207	0. 01	-9. 76830018	4. 28E-72	**
siR_369028	2. 5524	0. 01	-7. 99571063	1. 32E-21	**
siR_369038	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_369039	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_369040	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_369131	3. 7577	0. 01	-8. 5537061	1. 79E-31	**
siR_36921	2. 2688	0. 5594	-2. 01997728	4. 96E-08	**
siR_36922	4. 573	1. 529	-1. 58055251	5. 13E-11	**
siR_369243	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_369245	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_369256	25. 2758	0. 01	-11. 30354086	1. 34E-207	**
siR_369311	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_369338	15. 1726	0. 01	-10. 56725266	6. 65E-125	**
siR_369345	2. 8005	0. 01	-8. 12954063	1. 23E-23	**
siR_36938	3. 2614	1. 4545	-1. 1649681	1. 14E-05	**
siR_369421	10. 954	0. 01	-10. 09724211	2. 25E-90	**
siR_369437	3. 8995	0. 01	-8. 60714536	1. 24E-32	**
siR_369439	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_36944	1. 4534	0. 5594	-1. 37747965	0. 000918153	**
siR_369460	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_369522	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_36955	5. 0339	4. 4753	-0. 16969216	0. 344292488	
siR_369555	4. 0413	0. 01	-8. 65867564	8. 57E-34	**
siR_36957	10. 7059	8. 9505	-0. 2583659	0. 038179817	
siR_369581	2. 7296	0. 01	-8. 09254576	4. 66E-23	**
siR_369591	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_369595	3. 4741	0. 01	-8. 44049549	3. 76E-29	**
siR_36960	1. 7725	1. 0815	-0. 71275196	0. 032912649	
siR_369603	2. 0206	0. 01	-7. 65863995	2. 96E-17	**
siR_369660	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_3697	0. 01	1. 268	6. 98641094	2. 37E-11	**
siR_369748	5. 2466	0. 01	-9. 03523897	1. 17E-43	**
siR_369754	6. 0619	0. 01	-9. 24362624	2. 48E-50	**

siR_369756	3.0841	0.01	-8.26870574	5.85E-26	**
siR_369790	1.4889	0.01	-7.21810305	6.67E-13	**
siR_36980	1.5243	1.0069	-0.59822646	0.09076544	
siR_36981	7.7281	4.1769	-0.88768116	5.98E-08	
siR_369868	2.2333	0.01	-7.80303324	5.38E-19	**
siR_36987	10.8477	2.9462	-1.88046191	2.27E-30	**
siR_369870	5.2466	0.01	-9.03523897	1.17E-43	**
siR_369873	1.028	0.01	-6.68369645	3.95E-09	**
siR_36988	3.2614	0.9696	-1.75002979	2.65E-09	**
siR_36992	4.6085	0.6713	-2.7792677	3.84E-21	**
siR_369970	17.6541	0.01	-10.78578745	3.25E-145	**
siR_36999	3.9704	1.268	-1.64672961	3.01E-10	**
siR_370064	21.8017	0.01	-11.09022501	3.66E-179	**
siR_370072	4.4312	0.01	-8.79155366	5.51E-37	**
siR_37015	8.7207	3.4683	-1.33021525	1.37E-15	**
siR_37016	2.3042	1.4172	-0.70122257	0.016257774	
siR_370187	1.1344	0.01	-6.82578563	5.32E-10	**
siR_370218	1.6661	0.01	-7.38033118	2.36E-14	**
siR_370237	3.3323	0.01	-8.38037447	5.44E-28	**
siR_370242	1.5243	0.01	-7.25200305	3.42E-13	**
siR_37034	1.3471	0.4475	-1.58989736	0.000394142	**
siR_370358	5.3175	0.01	-9.0546043	3.07E-44	**
siR_370376	2.9069	0.01	-8.18333764	1.65E-24	**
siR_370380	1.0989	0.01	-6.7799163	1.04E-09	**
siR_37041	1.8434	2.536	0.46018559	0.082779603	
siR_370410	6.8418	0.01	-9.41823209	1.02E-56	**
siR_370426	1.3116	0.01	-7.035184	1.88E-11	**
siR_370427	1.5243	0.01	-7.25200305	3.42E-13	**
siR_370466	2.8005	0.01	-8.12954063	1.23E-23	**
siR_37049	0.01	1.3799	7.10841991	2.74E-12	**
siR_370698	3.8995	0.01	-8.60714536	1.24E-32	**
siR_3707	4.254	1.8647	-1.18987649	3.34E-07	**
siR_371001	3.545	0.01	-8.4696418	9.89E-30	**
siR_371059	2.9423	0.01	-8.20080054	8.47E-25	**
siR_371100	7.2672	0.01	-9.5052558	3.38E-60	**
siR_371106	2.1979	0.01	-7.77998195	1.05E-18	**
siR_371113	11.9466	0.01	-10.22238444	1.69E-98	**
siR_371117	2.5524	0.01	-7.99571063	1.32E-21	**
siR_37112	2.9069	0.4102	-2.82508205	4.86E-14	**
siR_37113	6.3101	1.7901	-1.81762269	1.54E-17	**
siR_37114	117.0203	13.1274	-3.15610571	0	**
siR_37115	1.9143	0.3356	-2.51200232	1.12E-08	**
siR_37117	2.7296	0.1492	-4.19337011	4.85E-18	**
siR_37121	7.2672	2.6479	-1.45655097	5.83E-15	**
siR_37122	1.2762	0.2611	-2.28918008	1.13E-05	**
siR_37148	11.9466	2.5733	-2.21490852	9.18E-41	**
siR_371482	10.7413	0.01	-10.06895291	1.24E-88	**

siR_371485	7.1963	0.01	-9.49111151	1.28E-59	**
siR_37151	1.4889	0.634	-1.23169211	0.002080356	**
siR_371549	4.963	0.01	-8.95506867	2.45E-41	**
siR_37155	1.8079	0.4102	-2.13991548	4.70E-07	**
siR_371575	3.3677	0.01	-8.39561983	2.79E-28	**
siR_371599	4.7148	0.01	-8.88105279	2.63E-39	**
siR_371608	2.7296	0.01	-8.09254576	4.66E-23	**
siR_371649	2.4815	0.01	-7.95506863	5.01E-21	**
siR_371657	3.1196	0.01	-8.28521723	3.00E-26	**
siR_37167	12.2657	2.8716	-2.09470286	4.39E-39	**
siR_371681	3.5804	0.01	-8.48397698	5.07E-30	**
siR_371707	1.7725	0.01	-7.46964183	3.18E-15	**
siR_371728	2.1979	0.01	-7.77998195	1.05E-18	**
siR_37175	1.6661	0.5967	-1.48139731	0.000174482	**
siR_371759	1.8434	0.01	-7.52622535	8.37E-16	**
siR_371772	1.3116	0.01	-7.035184	1.88E-11	**
siR_371774	1.2407	0.01	-6.95501051	7.17E-11	**
siR_371775	3.5095	0.01	-8.45512172	1.93E-29	**
siR_37181	1.3825	0.7086	-0.96423611	0.014998473	**
siR_371840	1.028	0.01	-6.68369645	3.95E-09	**
siR_37185	1.0989	0.4475	-1.29610052	0.006143403	**
siR_37193	1.2762	1.1561	-0.14258825	0.691993921	**
siR_371958	3.4386	0.01	-8.42567749	7.34E-29	**
siR_371959	1.3825	0.01	-7.11113566	4.95E-12	**
siR_371964	4.1122	0.01	-8.68376664	2.25E-34	**
siR_37199	0.01	3.9531	8.62684064	7.90E-34	**
siR_37200	17.9731	14.6565	-0.29429864	0.002344969	**
siR_37202	120.778	44.8645	-1.42871145	4.53E-217	**
siR_37203	4.6794	2.6852	-0.80129401	0.000113781	**
siR_37207	16.0943	11.1509	-0.52938967	6.67E-07	**
siR_372164	14.3218	0.01	-10.48399702	6.12E-118	**
siR_372175	1.0989	0.01	-6.7799163	1.04E-09	**
siR_372183	14.499	0.01	-10.50173776	2.17E-119	**
siR_372184	3.7577	0.01	-8.5537061	1.79E-31	**
siR_372238	2.3397	0.01	-7.87017976	7.25E-20	**
siR_37226	1.2407	1.1934	-0.05607663	0.877900267	**
siR_372300	3.0841	0.01	-8.26870574	5.85E-26	**
siR_372308	31.0187	0.01	-11.59892239	1.32E-254	**
siR_372309	1.2053	0.01	-6.91324847	1.40E-10	**
siR_372315	308.5564	0.01	-14.91324597	0	**
siR_372324	1.8434	0.01	-7.52622535	8.37E-16	**
siR_372379	75.8984	0.01	-12.88985357	0	**
siR_372380	2.5169	0.01	-7.97550407	2.57E-21	**
siR_37243	4.7857	0.8951	-2.41860919	5.65E-19	**
siR_37244	3.7222	0.8205	-2.18158034	1.80E-13	**
siR_37246	19.2848	2.2003	-3.13169204	2.92E-94	**
siR_372467	1.0989	0.01	-6.7799163	1.04E-09	**

siR_37247	8.827	1.0442	-3.07952513	2.58E-43	**
siR_372538	2.9423	0.01	-8.20080054	8.47E-25	**
siR_372545	2.9423	0.01	-8.20080054	8.47E-25	**
siR_372547	1.5598	0.01	-7.28521726	1.75E-13	**
siR_372553	21.1282	0.01	-11.0449541	1.19E-173	**
siR_37257	1.7016	1.529	-0.15430353	0.619525613	
siR_372575	12.8683	0.01	-10.32960581	4.82E-106	**
siR_37258	1.9852	1.2307	-0.68980523	0.028100039	
siR_372632	1.7725	0.01	-7.46964183	3.18E-15	**
siR_372639	4.4312	0.01	-8.79155366	5.51E-37	**
siR_372661	1.6661	0.01	-7.38033118	2.36E-14	**
siR_372716	7.6926	0.01	-9.58732748	1.11E-63	**
siR_372730	3.6513	0.01	-8.51226639	1.33E-30	**
siR_372754	3.6513	0.01	-8.51226639	1.33E-30	**
siR_372772	3.0487	0.01	-8.25205038	1.14E-25	**
siR_372788	1.6307	0.01	-7.34934759	4.61E-14	**
siR_37284	0.01	1.7155	7.42248532	4.25E-15	**
siR_372871	1.6307	0.01	-7.34934759	4.61E-14	**
siR_372976	1.4889	0.01	-7.21810305	6.67E-13	**
siR_373006	1.0989	0.01	-6.7799163	1.04E-09	**
siR_373038	22.2626	0.01	-11.12040648	6.18E-183	**
siR_37304	3.4741	1.4172	-1.29359591	8.70E-07	**
siR_373040	5.0693	0.01	-8.98564277	3.30E-42	**
siR_373069	2.5878	0.01	-8.0155823	6.75E-22	**
siR_373115	3.2259	0.01	-8.33355791	4.04E-27	**
siR_373120	2.2688	0.01	-7.82578561	2.76E-19	**
siR_37315	1.5598	1.0815	-0.52832739	0.126073008	
siR_373225	1.5243	0.01	-7.25200305	3.42E-13	**
siR_37325	0.01	3.7294	8.54279973	5.90E-32	**
siR_37332	0.01	1.1934	6.89893387	9.98E-11	**
siR_37338	12.9747	9.5099	-0.44819911	0.000127396	
siR_373452	3.2259	0.01	-8.33355791	4.04E-27	**
siR_373469	1.3116	0.01	-7.035184	1.88E-11	**
siR_37347	1.1344	0.8205	-0.4673542	0.245331337	
siR_373471	1.7016	0.01	-7.41074813	1.21E-14	**
siR_373473	2.8714	0.01	-8.16561052	3.22E-24	**
siR_37350	8.2244	1.5663	-2.39254987	3.49E-31	**
siR_373515	5.4947	0.01	-9.10189688	1.09E-45	**
siR_373549	4.7503	0.01	-8.89187482	1.35E-39	**
siR_373550	1.418	0.01	-7.14771372	2.54E-12	**
siR_373555	4.573	0.01	-8.83699711	3.81E-38	**
siR_373567	6.2392	0.01	-9.28521723	8.77E-52	**
siR_373578	32.0822	0.01	-11.64755746	2.61E-263	**
siR_37362	1.0635	0.5967	-0.83374235	0.060029399	
siR_373632	93.517	0.01	-13.19101333	0	**
siR_37365	7.1609	17.9011	1.32183542	2.46E-30	**
siR_373693	7.9053	0.01	-9.62667644	2.02E-65	**

siR_373721	1.4534	0.01	-7.18328801	1.30E-12	**
siR_373724	3.9704	0.01	-8.63314056	3.26E-33	**
siR_373793	1.9143	0.01	-7.58067313	2.20E-16	**
siR_37382	1.028	0.9323	-0.14097409	0.726340828	
siR_373829	4.4312	0.01	-8.79155366	5.51E-37	**
siR_373833	2.5524	0.01	-7.99571063	1.32E-21	**
siR_373871	1.5598	0.01	-7.28521726	1.75E-13	**
siR_373875	1.5243	0.01	-7.25200305	3.42E-13	**
siR_373879	6.9127	0.01	-9.43310546	2.69E-57	**
siR_373885	18.3276	0.01	-10.8398021	9.97E-151	**
siR_373890	2.8005	0.01	-8.12954063	1.23E-23	**
siR_37390	3.6159	0.4848	-2.89889318	1.44E-17	**
siR_373921	2.4106	0.01	-7.91324847	1.91E-20	**
siR_373926	2.6233	0.01	-8.035239	3.46E-22	**
siR_373969	5.8847	0.01	-9.20082503	6.99E-49	**
siR_37397	1.1344	0.634	-0.83937469	0.050540314	
siR_374006	8.7916	0.01	-9.77998192	1.13E-72	**
siR_37404	19.7811	11.7849	-0.74718314	6.93E-14	
siR_37406	3.4386	4.2888	0.31875274	0.108742521	
siR_3741	0.01	1.4172	7.14689956	1.34E-12	**
siR_37410	0.01	1.3426	7.06888574	5.63E-12	**
siR_374117	1.4889	0.01	-7.21810305	6.67E-13	**
siR_374191	1.028	0.01	-6.68369645	3.95E-09	**
siR_37420	2.446	0.3356	-2.86560978	3.59E-12	**
siR_374262	1.7725	0.01	-7.46964183	3.18E-15	**
siR_37429	3.8286	2.7225	-0.49188489	0.023822381	
siR_374302	4.6439	0.01	-8.85919308	1.00E-38	**
siR_374309	2.1979	0.01	-7.77998195	1.05E-18	**
siR_374341	1.4534	0.01	-7.18328801	1.30E-12	**
siR_37437	2.9423	0.4102	-2.84254496	2.81E-14	**
siR_374374	2.836	0.01	-8.14771372	6.28E-24	**
siR_37439	1.4889	0.3729	-1.99738616	1.28E-05	**
siR_374412	12.9392	0.01	-10.33753272	1.27E-106	**
siR_374414	3.1196	0.01	-8.28521723	3.00E-26	**
siR_37442	0.01	2.6106	8.02823761	1.37E-22	**
siR_374432	2.5878	0.01	-8.0155823	6.75E-22	**
siR_374439	2.5169	0.01	-7.97550407	2.57E-21	**
siR_374441	7.3027	0.01	-9.5122862	1.73E-60	**
siR_37448	4.4667	3.0208	-0.56427869	0.005660383	
siR_374485	2.2333	0.01	-7.80303324	5.38E-19	**
siR_374492	1.4534	0.01	-7.18328801	1.30E-12	**
siR_374497	1.2053	0.01	-6.91324847	1.40E-10	**
siR_374517	3.8286	0.01	-8.58067313	4.72E-32	**
siR_374536	1.4534	0.01	-7.18328801	1.30E-12	**
siR_374548	11.3085	0.01	-10.14319183	2.82E-93	**
siR_374563	3.8995	0.01	-8.60714536	1.24E-32	**
siR_374564	1.737	0.01	-7.44045394	6.21E-15	**

siR_374607	1.6661	0.01	-7.38033118	2.36E-14	**
siR_37464	0.01	3.7667	8.55715732	2.87E-32	**
siR_37469	0.01	2.4241	7.9213054	4.98E-21	**
siR_374747	1.6307	0.01	-7.34934759	4.61E-14	**
siR_374751	7.5863	0.01	-9.56725266	8.26E-63	**
siR_374756	1.4534	0.01	-7.18328801	1.30E-12	**
siR_374763	1.0989	0.01	-6.7799163	1.04E-09	**
siR_37479	5.2466	0.6713	-2.96635326	1.98E-25	**
siR_374831	5.2466	0.01	-9.03523897	1.17E-43	**
siR_37494	1.3116	0.7086	-0.88828444	0.027066419	
siR_375024	1.2053	0.01	-6.91324847	1.40E-10	**
siR_37503	27.97	9.8829	-1.50087391	1.71E-55	**
siR_37504	6.5582	2.6852	-1.28827035	1.44E-11	**
siR_375046	1.5598	0.01	-7.28521726	1.75E-13	**
siR_375212	1.9852	0.01	-7.63314056	5.78E-17	**
siR_375359	7.4799	0.01	-9.54687514	6.13E-62	**
siR_375415	1.028	0.01	-6.68369645	3.95E-09	**
siR_375434	1.1698	0.01	-6.87011809	2.73E-10	**
siR_375459	1.8434	0.01	-7.52622535	8.37E-16	**
siR_375460	6.0974	0.01	-9.25205038	1.27E-50	**
siR_375478	1.2053	0.01	-6.91324847	1.40E-10	**
siR_375500	16.4133	0.01	-10.68064962	4.65E-135	**
siR_375583	32.0468	0.01	-11.64596476	5.10E-263	**
siR_375619	5.1757	0.01	-9.01561019	4.44E-43	**
siR_375697	4.254	0.01	-8.73267624	1.56E-35	**
siR_37570	5.7783	5.5195	-0.06610753	0.688339904	
siR_37579	1.1344	0.8205	-0.4673542	0.245331337	
siR_375882	2.0915	0.01	-7.70839418	7.79E-18	**
siR_375889	1.2053	0.01	-6.91324847	1.40E-10	**
siR_375895	7.799	0.01	-9.60714531	1.50E-64	**
siR_37591	1.9497	2.0139	0.04673989	0.864051308	
siR_375943	15.3498	0.01	-10.58400411	2.36E-126	**
siR_375946	1.0989	0.01	-6.7799163	1.04E-09	**
siR_375991	1.418	0.01	-7.14771372	2.54E-12	**
siR_376049	2.0915	0.01	-7.70839418	7.79E-18	**
siR_376078	12.9038	0.01	-10.33358029	2.47E-106	**
siR_376094	4.2185	0.01	-8.72058632	3.03E-35	**
siR_376105	1.2762	0.01	-6.99571063	3.67E-11	**
siR_376138	1.028	0.01	-6.68369645	3.95E-09	**
siR_376266	3.6868	0.01	-8.52622535	6.83E-31	**
siR_376287	2.4106	0.01	-7.91324847	1.91E-20	**
siR_376321	1.3471	0.01	-7.07371314	9.66E-12	**
siR_376353	1.1698	0.01	-6.87011809	2.73E-10	**
siR_376513	1.4534	0.01	-7.18328801	1.30E-12	**
siR_37652	1.4889	0.7459	-0.99719273	0.009388402	
siR_376563	2.5169	0.01	-7.97550407	2.57E-21	**
siR_376570	16.5906	0.01	-10.69615024	1.65E-136	**

siR_376574	2.4106	0.01	-7.91324847	1.91E-20	**
siR_376597	1.1344	0.01	-6.82578563	5.32E-10	**
siR_376677	1.6661	0.01	-7.38033118	2.36E-14	**
siR_376688	8.6498	0.01	-9.75652296	1.63E-71	**
siR_376689	2.0915	0.01	-7.70839418	7.79E-18	**
siR_37673	1.0989	0.2984	-1.88074067	0.000335467	**
siR_376733	1.2053	0.01	-6.91324847	1.40E-10	**
siR_376738	1.1698	0.01	-6.87011809	2.73E-10	**
siR_37674	1.2407	0.7832	-0.66370165	0.09494326	
siR_376740	1.8434	0.01	-7.52622535	8.37E-16	**
siR_376743	4.254	0.01	-8.73267624	1.56E-35	**
siR_376753	1.6307	0.01	-7.34934759	4.61E-14	**
siR_376772	3.5095	0.01	-8.45512172	1.93E-29	**
siR_376779	39.7394	0.01	-11.95635455	0	**
siR_376808	2.0915	0.01	-7.70839418	7.79E-18	**
siR_376812	2.8005	0.01	-8.12954063	1.23E-23	**
siR_376816	12.053	0.01	-10.2351765	2.27E-99	**
siR_376911	1.418	0.01	-7.14771372	2.54E-12	**
siR_376977	12.9392	0.01	-10.33753272	1.27E-106	**
siR_376990	1.9497	0.01	-7.60710834	1.13E-16	**
siR_376999	1.9497	0.01	-7.60710834	1.13E-16	**
siR_377002	1.4889	0.01	-7.21810305	6.67E-13	**
siR_377095	1.9497	0.01	-7.60710834	1.13E-16	**
siR_377098	1.0635	0.01	-6.73267622	2.02E-09	**
siR_3771	7.9762	1.8274	-2.12590912	2.02E-26	**
siR_37715	13.0101	6.9367	-0.90731065	7.56E-13	
siR_377187	1.4534	0.01	-7.18328801	1.30E-12	**
siR_377304	2.8714	0.01	-8.16561052	3.22E-24	**
siR_377323	1.028	0.01	-6.68369645	3.95E-09	**
siR_377384	2.5524	0.01	-7.99571063	1.32E-21	**
siR_377394	2.3751	0.01	-7.89184446	3.72E-20	**
siR_377398	7.2672	0.01	-9.5052558	3.38E-60	**
siR_37745	2.5524	1.0442	-1.28945638	2.69E-05	**
siR_377460	3.1196	0.01	-8.28521723	3.00E-26	**
siR_377463	6.7	0.01	-9.3880173	1.48E-55	**
siR_377482	12.0175	0.01	-10.23092113	4.44E-99	**
siR_37751	0.01	3.0581	8.25649177	2.46E-26	**
siR_377540	1.2407	0.01	-6.95501051	7.17E-11	**
siR_377586	6.6291	0.01	-9.37266921	5.64E-55	**
siR_377669	2.127	0.01	-7.73267621	3.99E-18	**
siR_377708	1.8788	0.01	-7.55366769	4.29E-16	**
siR_377721	2.0915	0.01	-7.70839418	7.79E-18	**
siR_37773	26.2684	17.5281	-0.58365871	3.97E-12	
siR_377739	1.418	0.01	-7.14771372	2.54E-12	**
siR_377742	4.3603	0.01	-8.76828358	2.10E-36	**
siR_377745	1.0989	0.01	-6.7799163	1.04E-09	**
siR_377747	24.1769	0.01	-11.23941341	1.33E-198	**

siR_37785	12.4075	6.0789	-1.02933026	7.58E-15	**
siR_37786	22.1917	7.7198	-1.52338481	2.51E-45	**
siR_377869	3.6513	0.01	-8.51226639	1.33E-30	**
siR_377871	1.1698	0.01	-6.87011809	2.73E-10	**
siR_378082	1.3471	0.01	-7.07371314	9.66E-12	**
siR_378140	2.3751	0.01	-7.89184446	3.72E-20	**
siR_378198	53.104	0.01	-12.37460506	0	**
siR_3782	0.01	1.1561	6.85312238	2.05E-10	**
siR_378243	1.6661	0.01	-7.38033118	2.36E-14	**
siR_378287	1.418	0.01	-7.14771372	2.54E-12	**
siR_378312	1.4889	0.01	-7.21810305	6.67E-13	**
siR_378315	2.5169	0.01	-7.97550407	2.57E-21	**
siR_37832	2.2333	1.1188	-0.9972249	0.001405726	
siR_378354	1.9852	0.01	-7.63314056	5.78E-17	**
siR_3784	0.0354	1.0442	4.88250489	2.81E-08	**
siR_378432	4.3249	0.01	-8.75652296	4.09E-36	**
siR_3785	0.01	1.2307	6.94333532	4.86E-11	**
siR_37853	4.6794	0.9696	-2.27086195	2.41E-17	**
siR_378616	8.0117	0.01	-9.64596464	2.72E-66	**
siR_378667	2.9069	0.01	-8.18333764	1.65E-24	**
siR_37867	9.1106	3.0208	-1.5926154	9.62E-21	**
siR_378679	1.8788	0.01	-7.55366769	4.29E-16	**
siR_378828	1.1698	0.01	-6.87011809	2.73E-10	**
siR_378838	423.0952	0.01	-15.3686973	0	**
siR_378839	4.6794	0.01	-8.87017976	5.13E-39	**
siR_378847	23.8933	0.01	-11.2223903	2.78E-196	**
siR_378848	1.3825	0.01	-7.11113566	4.95E-12	**
siR_37886	1.4534	0.634	-1.19687707	0.002948104	**
siR_378981	1.3825	0.01	-7.11113566	4.95E-12	**
siR_37902	0.01	4.6617	8.86471235	9.25E-40	**
siR_37903	27.3674	16.111	-0.76441234	2.54E-19	
siR_379132	8.5789	7.6825	-0.15921681	0.245065239	
siR_379171	26.9065	0.01	-11.39373905	6.03E-221	**
siR_379176	2.5169	0.01	-7.97550407	2.57E-21	**
siR_379184	3.6868	0.01	-8.52622535	6.83E-31	**
siR_3792	0.01	1.4545	7.18437949	6.51E-13	**
siR_379302	1.3471	0.01	-7.07371314	9.66E-12	**
siR_379339	2.9778	0.01	-8.21810305	4.34E-25	**
siR_379375	2.4106	0.01	-7.91324847	1.91E-20	**
siR_379379	1.0635	0.01	-6.73267622	2.02E-09	**
siR_37938	1.6307	1.6036	-0.02417707	0.940359108	
siR_3794	1.418	0.6713	-1.07882799	0.006897488	**
siR_379410	1.6661	0.01	-7.38033118	2.36E-14	**
siR_379483	28.7145	0.01	-11.48756376	9.60E-236	**
siR_379489	1.5952	0.01	-7.31759351	8.99E-14	**
siR_379494	15.3144	0.01	-10.58067313	4.60E-126	**
siR_37952	2.4815	1.7528	-0.50155107	0.064659602	

siR_379523	3.8995	0.01	-8.60714536	1.24E-32	**
siR_379537	41.6182	0.01	-12.02299881	0	**
siR_379606	3.155	0.01	-8.3014962	1.54E-26	**
siR_379615	3.7222	0.01	-8.54001177	3.50E-31	**
siR_379635	7.0545	0.01	-9.46240003	1.86E-58	**
siR_379654	1.1344	0.01	-6.82578563	5.32E-10	**
siR_379688	1.0989	0.01	-6.7799163	1.04E-09	**
siR_379709	4.8921	0.01	-8.93431011	9.31E-41	**
siR_37971	5.1048	1.2307	-2.05237531	9.84E-17	**
siR_379757	1.7016	0.01	-7.41074813	1.21E-14	**
siR_37983	0.01	4.3261	8.7569232	5.97E-37	**
siR_379834	1.2762	0.01	-6.99571063	3.67E-11	**
siR_379849	1.2053	0.01	-6.91324847	1.40E-10	**
siR_379850	1.028	0.01	-6.68369645	3.95E-09	**
siR_37992	1.2407	0.9323	-0.41228814	0.278739525	
siR_379934	4.0767	0.01	-8.67125799	4.39E-34	**
siR_379970	1.2762	0.01	-6.99571063	3.67E-11	**
siR_379984	1.028	0.01	-6.68369645	3.95E-09	**
siR_379999	1.028	0.01	-6.68369645	3.95E-09	**
siR_380137	4.5021	0.01	-8.81445427	1.45E-37	**
siR_380161	24.2832	0.01	-11.24574298	1.79E-199	**
siR_3802	1.5243	0.3356	-2.18333225	2.95E-06	**
siR_380212	2.1624	0.01	-7.75648961	2.05E-18	**
siR_380251	2.7296	0.01	-8.09254576	4.66E-23	**
siR_38036	2.3751	0.8951	-1.40786748	1.50E-05	**
siR_380423	1.2053	0.01	-6.91324847	1.40E-10	**
siR_380445	1.3825	0.01	-7.11113566	4.95E-12	**
siR_380546	41.7955	0.01	-12.02913195	0	**
siR_380558	2.3751	0.01	-7.89184446	3.72E-20	**
siR_380563	5.282	0.01	-9.04494046	5.99E-44	**
siR_38059	1.9852	0.634	-1.64672961	9.33E-06	**
siR_380592	8.508	0.01	-9.73267618	2.36E-70	**
siR_380637	1.8434	0.01	-7.52622535	8.37E-16	**
siR_380642	7.0545	0.01	-9.46240003	1.86E-58	**
siR_380651	4.7148	0.01	-8.88105279	2.63E-39	**
siR_380659	2.2688	0.01	-7.82578561	2.76E-19	**
siR_380663	1.4889	0.01	-7.21810305	6.67E-13	**
siR_380666	2.9778	0.01	-8.21810305	4.34E-25	**
siR_380699	1.4534	0.01	-7.18328801	1.30E-12	**
siR_380737	2.0561	0.01	-7.68376661	1.52E-17	**
siR_38074	1.6307	0.7832	-1.05803872	0.004283913	**
siR_380796	1.5243	0.01	-7.25200305	3.42E-13	**
siR_380824	4.0413	0.01	-8.65867564	8.57E-34	**
siR_38084	2.3042	1.0442	-1.14186788	0.000292341	**
siR_380922	2.0561	0.01	-7.68376661	1.52E-17	**
siR_381105	13.3292	0.01	-10.38037443	8.15E-110	**
siR_381106	2.127	0.01	-7.73267621	3.99E-18	**

siR_38111	21.4472	6.6756	-1.68381989	2.04E-50	**
siR_381129	1.8788	0.01	-7.55366769	4.29E-16	**
siR_38118	1.0635	0.1865	-2.5115725	2.49E-05	**
siR_38124	3.1196	0.9696	-1.68589945	1.43E-08	**
siR_381289	1.8788	0.01	-7.55366769	4.29E-16	**
siR_38129	0.01	3.804	8.57137344	1.40E-32	**
siR_38131	0.01	1.529	7.2564446	1.55E-13	**
siR_381369	2.5524	0.01	-7.99571063	1.32E-21	**
siR_381460	1.0635	0.01	-6.73267622	2.02E-09	**
siR_38147	2.127	1.0069	-1.07889962	0.000892634	**
siR_381510	1.5598	0.01	-7.28521726	1.75E-13	**
siR_381573	4.6794	0.01	-8.87017976	5.13E-39	**
siR_381603	1.2762	0.01	-6.99571063	3.67E-11	**
siR_381614	2.1979	0.01	-7.77998195	1.05E-18	**
siR_381634	1.5243	0.01	-7.25200305	3.42E-13	**
siR_381646	3.0487	0.01	-8.25205038	1.14E-25	**
siR_381650	2.1624	0.01	-7.75648961	2.05E-18	**
siR_381684	1.0989	0.01	-6.7799163	1.04E-09	**
siR_381781	1.4534	0.01	-7.18328801	1.30E-12	**
siR_381936	2.3751	0.01	-7.89184446	3.72E-20	**
siR_381939	1.0635	0.01	-6.73267622	2.02E-09	**
siR_381951	1.3116	0.01	-7.035184	1.88E-11	**
siR_382038	1.7016	0.01	-7.41074813	1.21E-14	**
siR_382133	2.2333	0.01	-7.80303324	5.38E-19	**
siR_382153	10.635	0.01	-10.0546043	9.19E-88	**
siR_382230	1.028	0.01	-6.68369645	3.95E-09	**
siR_38228	0.01	2.0139	7.65384824	1.35E-17	**
siR_382286	4.6794	0.01	-8.87017976	5.13E-39	**
siR_3823	0.01	1.6782	7.39077085	8.72E-15	**
siR_38231	0.01	1.1934	6.89893387	9.98E-11	**
siR_382451	4.6439	0.01	-8.85919308	1.00E-38	**
siR_382456	2.9423	0.01	-8.20080054	8.47E-25	**
siR_382458	3.7577	0.01	-8.5537061	1.79E-31	**
siR_38246	0.01	1.1934	6.89893387	9.98E-11	**
siR_382472	2.127	0.01	-7.73267621	3.99E-18	**
siR_382477	1.6307	0.01	-7.34934759	4.61E-14	**
siR_38249	0.01	28.8655	11.4951305	2.30E-242	**
siR_382493	1.1344	0.01	-6.82578563	5.32E-10	**
siR_382586	5.1402	0.01	-9.00568068	8.67E-43	**
siR_382600	2.5169	0.01	-7.97550407	2.57E-21	**
siR_382602	1.2053	0.01	-6.91324847	1.40E-10	**
siR_382610	1.3825	0.01	-7.11113566	4.95E-12	**
siR_382620	1.8434	0.01	-7.52622535	8.37E-16	**
siR_382699	1.9852	0.01	-7.63314056	5.78E-17	**
siR_38270	12.3366	7.6079	-0.69737465	2.62E-08	**
siR_382724	2.5169	0.01	-7.97550407	2.57E-21	**
siR_382732	2.8005	0.01	-8.12954063	1.23E-23	**

siR_382741	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_382781	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_382838	2. 5878	0. 01	-8. 0155823	6. 75E-22	**
siR_382845	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_382875	1. 7725	0. 01	-7. 46964183	3. 18E-15	**
siR_382895	1. 5952	0. 01	-7. 31759351	8. 99E-14	**
siR_382896	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_38293	1. 1698	0. 0746	-3. 97094245	4. 33E-08	**
siR_382938	4. 1831	0. 01	-8. 70842867	5. 92E-35	**
siR_383128	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_38322	0. 01	1. 0815	6. 75688986	8. 62E-10	**
siR_383245	5. 8492	0. 01	-9. 19209551	1. 36E-48	**
siR_383269	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_383353	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_383389	10. 245	0. 01	-10. 00070426	1. 43E-84	**
siR_383417	10. 6704	0. 01	-10. 05939853	4. 71E-88	**
siR_383432	3. 6868	0. 01	-8. 52622535	6. 83E-31	**
siR_383438	8. 0826	0. 01	-9. 65867569	7. 16E-67	**
siR_38345	5. 7783	4. 4753	-0. 36866071	0. 033247729	
siR_383528	22. 9007	0. 01	-11. 1611759	3. 70E-188	**
siR_383621	2. 9423	0. 01	-8. 20080054	8. 47E-25	**
siR_383637	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_38371	1. 7016	1. 0069	-0. 75697153	0. 027686419	
siR_383767	2. 2688	0. 01	-7. 82578561	2. 76E-19	**
siR_383797	8. 5434	0. 01	-9. 7386665	1. 21E-70	**
siR_383798	4. 4312	0. 01	-8. 79155366	5. 51E-37	**
siR_383805	14. 889	0. 01	-10. 5400311	1. 39E-122	**
siR_383806	3. 0841	0. 01	-8. 26870574	5. 85E-26	**
siR_383807	2. 836	0. 01	-8. 14771372	6. 28E-24	**
siR_383808	2. 0915	0. 01	-7. 70839418	7. 79E-18	**
siR_383809	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_383810	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_383815	26. 8356	0. 01	-11. 38993254	2. 29E-220	**
siR_383816	2. 7296	0. 01	-8. 09254576	4. 66E-23	**
siR_383817	1. 8434	0. 01	-7. 52622535	8. 37E-16	**
siR_383825	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_383826	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_383833	4. 7148	0. 01	-8. 88105279	2. 63E-39	**
siR_38401	1. 8434	0. 634	-1. 53981441	4. 78E-05	**
siR_384025	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_384029	2. 4815	0. 01	-7. 95506863	5. 01E-21	**
siR_384030	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_384052	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_384063	13. 2228	0. 01	-10. 36881194	6. 05E-109	**
siR_384070	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_384071	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_384079	3. 0487	0. 01	-8. 25205038	1. 14E-25	**

siR_384087	2.5524	0.01	-7.99571063	1.32E-21	**
siR_384090	1.1698	0.01	-6.87011809	2.73E-10	**
siR_38414	1.5598	0.634	-1.29880631	0.001018403	**
siR_384165	2.0915	0.01	-7.70839418	7.79E-18	**
siR_38419	0.01	1.0815	6.75688986	8.62E-10	**
siR_3842	1.418	0.5967	-1.24877985	0.002405224	**
siR_38424	0.01	2.3868	7.89893387	1.02E-20	**
siR_384277	19.7811	0.01	-10.94990682	1.27E-162	**
siR_384286	1.737	0.01	-7.44045394	6.21E-15	**
siR_38429	0.01	21.1829	11.0486844	4.68E-178	**
siR_38430	0.01	4.5871	8.84143855	3.90E-39	**
siR_38434	1.1698	0.4102	-1.5118625	0.001486275	**
siR_384371	1.5952	0.01	-7.31759351	8.99E-14	**
siR_384372	1.2407	0.01	-6.95501051	7.17E-11	**
siR_384378	1.737	0.01	-7.44045394	6.21E-15	**
siR_384420	1.9497	0.01	-7.60710834	1.13E-16	**
siR_384650	3.7222	0.01	-8.54001177	3.50E-31	**
siR_384772	19.9583	0.01	-10.96277306	4.48E-164	**
siR_38478	6.4164	1.7528	-1.87210269	1.78E-18	**
siR_38482	1.8788	0.7086	-1.40676813	0.000123157	**
siR_38494	0.01	1.7528	7.45351758	2.07E-15	**
siR_385013	59.8041	0.01	-12.54602882	0	**
siR_385014	1.0989	0.01	-6.7799163	1.04E-09	**
siR_385019	117.1266	0.01	-13.51578118	0	**
siR_385023	8.1535	0.01	-9.67127563	1.88E-67	**
siR_385044	4.573	0.01	-8.83699711	3.81E-38	**
siR_385083	3.2614	0.01	-8.34934759	2.07E-27	**
siR_385116	1.6661	0.01	-7.38033118	2.36E-14	**
siR_385123	1.5243	0.01	-7.25200305	3.42E-13	**
siR_38515	1.6307	0.7086	-1.20244802	0.001551793	**
siR_38517	1.1698	1.0442	-0.16386383	0.664155115	
siR_385184	1.8079	0.01	-7.49817107	1.63E-15	**
siR_3852	3.1905	1.1561	-1.46451634	2.25E-07	**
siR_38523	38.4278	12.1951	-1.6558488	6.76E-87	**
siR_38524	15.8461	5.072	-1.64350116	1.83E-36	**
siR_385241	2.5878	0.01	-8.0155823	6.75E-22	**
siR_385252	1.5952	0.01	-7.31759351	8.99E-14	**
siR_38526	11.8048	2.6852	-2.13627215	1.37E-38	**
siR_38527	7.2672	1.6409	-2.14691229	1.73E-24	**
siR_38528	1.1698	0.1119	-3.38597995	2.69E-07	**
siR_385294	5.3884	0.01	-9.07371312	8.07E-45	**
siR_385305	1.6661	0.01	-7.38033118	2.36E-14	**
siR_385345	4.2185	0.01	-8.72058632	3.03E-35	**
siR_38535	0.01	1.0442	6.70625425	1.77E-09	**
siR_385359	2.127	0.01	-7.73267621	3.99E-18	**
siR_38540	1.9143	0.0746	-4.6814975	8.66E-14	**
siR_385419	1.7016	0.01	-7.41074813	1.21E-14	**

siR_385473	5.1757	0.01	-9.01561019	4.44E-43	**
siR_385555	1.418	0.01	-7.14771372	2.54E-12	**
siR_385616	1.1344	0.01	-6.82578563	5.32E-10	**
siR_385651	1.5598	0.01	-7.28521726	1.75E-13	**
siR_385697	1.0989	0.01	-6.7799163	1.04E-09	**
siR_385713	1.1698	0.01	-6.87011809	2.73E-10	**
siR_385732	1.028	0.01	-6.68369645	3.95E-09	**
siR_385760	28.7145	0.01	-11.48756376	9.60E-236	**
siR_385797	21.0218	0.01	-11.03767036	8.85E-173	**
siR_38581	66.2914	37.5176	-0.82125418	4.18E-50	
siR_385879	4.0058	0.01	-8.64594661	1.67E-33	**
siR_385901	3.0487	0.01	-8.25205038	1.14E-25	**
siR_385929	2.8714	0.01	-8.16561052	3.22E-24	**
siR_386069	1.8079	0.01	-7.49817107	1.63E-15	**
siR_386077	3.4741	0.01	-8.44049549	3.76E-29	**
siR_38608	2.2333	1.1934	-0.90409938	0.003250684	
siR_386133	3.1905	0.01	-8.31763871	7.88E-27	**
siR_386205	17.9022	0.01	-10.80592108	3.03E-147	**
siR_386206	1.8788	0.01	-7.55366769	4.29E-16	**
siR_386211	3.545	0.01	-8.4696418	9.89E-30	**
siR_386224	1.4534	0.01	-7.18328801	1.30E-12	**
siR_386232	7.5508	0.01	-9.56048567	1.61E-62	**
siR_386233	2.0206	0.01	-7.65863995	2.96E-17	**
siR_386234	1.6307	0.01	-7.34934759	4.61E-14	**
siR_386235	1.0989	0.01	-6.7799163	1.04E-09	**
siR_386242	2.7651	0.01	-8.11118786	2.39E-23	**
siR_386250	4.1831	0.01	-8.70842867	5.92E-35	**
siR_386251	2.7296	0.01	-8.09254576	4.66E-23	**
siR_386252	1.9143	0.01	-7.58067313	2.20E-16	**
siR_386266	1.5243	0.01	-7.25200305	3.42E-13	**
siR_386271	4.0413	0.01	-8.65867564	8.57E-34	**
siR_386272	3.0841	0.01	-8.26870574	5.85E-26	**
siR_386273	1.2762	0.01	-6.99571063	3.67E-11	**
siR_386303	1.418	0.01	-7.14771372	2.54E-12	**
siR_386333	10.1387	0.01	-9.98565703	1.06E-83	**
siR_386334	4.3249	0.01	-8.75652296	4.09E-36	**
siR_386335	3.1196	0.01	-8.28521723	3.00E-26	**
siR_386345	21.9081	0.01	-11.09724859	4.93E-180	**
siR_386346	8.6498	0.01	-9.75652296	1.63E-71	**
siR_386347	2.836	0.01	-8.14771372	6.28E-24	**
siR_386348	1.6661	0.01	-7.38033118	2.36E-14	**
siR_386349	1.3825	0.01	-7.11113566	4.95E-12	**
siR_386350	1.3116	0.01	-7.035184	1.88E-11	**
siR_386374	5.3884	0.01	-9.07371312	8.07E-45	**
siR_386382	15.208	0.01	-10.57061463	3.41E-125	**
siR_386411	12.4784	0.01	-10.28521723	7.50E-103	**
siR_386420	6.2037	0.01	-9.27698508	1.71E-51	**

siR_386421	1.9852	0.01	-7.63314056	5.78E-17	**
siR_386431	354.2868	0.01	-15.11263111	0	**
siR_386432	23.8933	0.01	-11.2223903	2.78E-196	**
siR_386433	13.5064	0.01	-10.39942755	2.89E-111	**
siR_386434	12.4075	0.01	-10.2769968	2.85E-102	**
siR_386435	6.7	0.01	-9.3880173	1.48E-55	**
siR_386436	4.254	0.01	-8.73267624	1.56E-35	**
siR_386437	3.8995	0.01	-8.60714536	1.24E-32	**
siR_386438	2.2333	0.01	-7.80303324	5.38E-19	**
siR_386439	2.0206	0.01	-7.65863995	2.96E-17	**
siR_386440	1.6307	0.01	-7.34934759	4.61E-14	**
siR_386441	1.6307	0.01	-7.34934759	4.61E-14	**
siR_386446	10.8831	0.01	-10.08787391	8.55E-90	**
siR_386447	1.0635	0.01	-6.73267622	2.02E-09	**
siR_386455	374.2097	0.01	-15.1915585	0	**
siR_386456	14.5699	0.01	-10.50877528	5.70E-120	**
siR_386457	7.6926	0.01	-9.58732748	1.11E-63	**
siR_386458	7.1254	0.01	-9.47682718	4.89E-59	**
siR_386459	7.09	0.01	-9.46964185	9.53E-59	**
siR_386460	6.0265	0.01	-9.23517658	4.83E-50	**
siR_386461	5.991	0.01	-9.22665304	9.42E-50	**
siR_386462	3.864	0.01	-8.59395129	2.42E-32	**
siR_386463	2.2333	0.01	-7.80303324	5.38E-19	**
siR_386464	1.3825	0.01	-7.11113566	4.95E-12	**
siR_386465	1.1698	0.01	-6.87011809	2.73E-10	**
siR_386474	1.5952	0.01	-7.31759351	8.99E-14	**
siR_386497	3.4032	0.01	-8.41074813	1.43E-28	**
siR_386498	1.1698	0.01	-6.87011809	2.73E-10	**
siR_386499	1.1344	0.01	-6.82578563	5.32E-10	**
siR_386512	3.7931	0.01	-8.56723361	9.20E-32	**
siR_386514	5.5302	0.01	-9.11118782	5.57E-46	**
siR_386515	1.7016	0.01	-7.41074813	1.21E-14	**
siR_386528	2.9778	0.01	-8.21810305	4.34E-25	**
siR_386537	8.1889	0.01	-9.6775259	9.64E-68	**
siR_386538	1.6307	0.01	-7.34934759	4.61E-14	**
siR_386546	30.5579	0.01	-11.57732977	7.84E-251	**
siR_386547	5.4593	0.01	-9.09257214	2.12E-45	**
siR_386548	2.8714	0.01	-8.16561052	3.22E-24	**
siR_386549	1.2053	0.01	-6.91324847	1.40E-10	**
siR_386550	1.0989	0.01	-6.7799163	1.04E-09	**
siR_386578	4.8566	0.01	-8.92380283	1.82E-40	**
siR_386595	2.5524	0.01	-7.99571063	1.32E-21	**
siR_386605	2.1624	0.01	-7.75648961	2.05E-18	**
siR_386616	2.5524	0.01	-7.99571063	1.32E-21	**
siR_386635	1.8079	0.01	-7.49817107	1.63E-15	**
siR_38664	1.0989	0.5221	-1.07366204	0.018227899	*
siR_386658	3.155	0.01	-8.3014962	1.54E-26	**

siR_38666	8.7561	9.137	0.06143212	0.63612229	
siR_386663	1.028	0.01	-6.68369645	3.95E-09	**
siR_386669	1.4889	0.01	-7.21810305	6.67E-13	**
siR_386678	1.2762	0.01	-6.99571063	3.67E-11	**
siR_386679	6.1683	0.01	-9.26872915	3.34E-51	**
siR_386688	1.2407	0.01	-6.95501051	7.17E-11	**
siR_386700	1.0989	0.01	-6.7799163	1.04E-09	**
siR_386703	20.561	0.01	-11.00569462	5.23E-169	**
siR_386707	2.8005	0.01	-8.12954063	1.23E-23	**
siR_386708	1.7016	0.01	-7.41074813	1.21E-14	**
siR_386709	1.6661	0.01	-7.38033118	2.36E-14	**
siR_386715	2.0561	0.01	-7.68376661	1.52E-17	**
siR_386717	2.5169	0.01	-7.97550407	2.57E-21	**
siR_386718	8.6143	0.01	-9.75058979	3.18E-71	**
siR_38672	9.7133	3.3192	-1.54912596	3.29E-21	**
siR_386746	5.4593	0.01	-9.09257214	2.12E-45	**
siR_386757	16.9096	0.01	-10.72362693	4.03E-139	**
siR_386771	2.5524	0.01	-7.99571063	1.32E-21	**
siR_386778	22.1562	0.01	-11.11349486	4.59E-182	**
siR_386794	5.7783	0.01	-9.17450131	5.19E-48	**
siR_386795	1.028	0.01	-6.68369645	3.95E-09	**
siR_386816	2.3751	0.01	-7.89184446	3.72E-20	**
siR_386827	2.7296	0.01	-8.09254576	4.66E-23	**
siR_386829	5.6365	0.01	-9.13865581	7.51E-47	**
siR_386835	5.672	0.01	-9.14771376	3.85E-47	**
siR_386836	3.3677	0.01	-8.39561983	2.79E-28	**
siR_386837	2.3751	0.01	-7.89184446	3.72E-20	**
siR_386840	1.2053	0.01	-6.91324847	1.40E-10	**
siR_386850	7.7281	0.01	-9.59396997	5.71E-64	**
siR_386851	4.2185	0.01	-8.72058632	3.03E-35	**
siR_386852	2.9069	0.01	-8.18333764	1.65E-24	**
siR_386853	1.028	0.01	-6.68369645	3.95E-09	**
siR_386861	28.1118	0.01	-11.45696015	8.22E-231	**
siR_386862	4.8212	0.01	-8.91324847	3.54E-40	**
siR_386863	2.9423	0.01	-8.20080054	8.47E-25	**
siR_386864	1.5952	0.01	-7.31759351	8.99E-14	**
siR_386865	1.2407	0.01	-6.95501051	7.17E-11	**
siR_386866	1.2053	0.01	-6.91324847	1.40E-10	**
siR_386874	4.2894	0.01	-8.74463204	7.97E-36	**
siR_386875	4.2185	0.01	-8.72058632	3.03E-35	**
siR_386882	6.1683	0.01	-9.26872915	3.34E-51	**
siR_386884	1.9143	0.01	-7.58067313	2.20E-16	**
siR_386902	4.7148	0.01	-8.88105279	2.63E-39	**
siR_38691	0.01	1.3053	7.02823761	1.15E-11	**
siR_386933	1.1344	0.01	-6.82578563	5.32E-10	**
siR_38694	0.01	4.3261	8.7569232	5.97E-37	**
siR_386940	2.5169	0.01	-7.97550407	2.57E-21	**

siR_386943	5. 6011	0. 01	-9. 12956637	1. 46E-46	**
siR_386969	4. 6794	0. 01	-8. 87017976	5. 13E-39	**
siR_386970	4. 5021	0. 01	-8. 81445427	1. 45E-37	**
siR_386971	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_38699	0. 01	1. 7901	7. 48389637	1. 01E-15	**
siR_387003	1. 9143	0. 01	-7. 58067313	2. 20E-16	**
siR_387043	2. 836	0. 01	-8. 14771372	6. 28E-24	**
siR_387072	3. 7931	0. 01	-8. 56723361	9. 20E-32	**
siR_387112	11. 3085	0. 01	-10. 14319183	2. 82E-93	**
siR_387113	1. 9852	0. 01	-7. 63314056	5. 78E-17	**
siR_387214	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_387238	28. 9626	0. 01	-11. 49997528	8. 94E-238	**
siR_387299	22. 6525	0. 01	-11. 14545449	3. 98E-186	**
siR_387307	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_387309	1. 6661	0. 01	-7. 38033118	2. 36E-14	**
siR_387342	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_387376	4. 1831	0. 01	-8. 70842867	5. 92E-35	**
siR_387410	19. 8165	0. 01	-10. 9524864	6. 49E-163	**
siR_387429	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_38748	9. 926	3. 6175	-1. 45621944	6. 89E-20	**
siR_387520	3. 7222	0. 01	-8. 54001177	3. 50E-31	**
siR_387521	47. 2193	0. 01	-12. 20516102	0	**
siR_387538	4. 1122	0. 01	-8. 68376664	2. 25E-34	**
siR_387624	2. 5524	0. 01	-7. 99571063	1. 32E-21	**
siR_387625	1. 6661	0. 01	-7. 38033118	2. 36E-14	**
siR_387637	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_387642	2. 1979	0. 01	-7. 77998195	1. 05E-18	**
siR_387691	1. 737	0. 01	-7. 44045394	6. 21E-15	**
siR_38770	0. 01	3. 0208	8. 23878686	5. 04E-26	**
siR_387718	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_38773	0. 0354	2. 4987	6. 14128453	4. 24E-20	**
siR_387751	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_387756	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_387765	2. 3397	0. 01	-7. 87017976	7. 25E-20	**
siR_387768	1. 5952	0. 01	-7. 31759351	8. 99E-14	**
siR_38778	0. 01	3. 1327	8. 29126281	5. 83E-27	**
siR_387789	3. 7222	0. 01	-8. 54001177	3. 50E-31	**
siR_387814	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_387829	179. 1995	0. 01	-14. 12927969	0	**
siR_387830	1. 737	0. 01	-7. 44045394	6. 21E-15	**
siR_387831	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_387845	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_38785	1. 4534	0. 4102	-1. 82503241	4. 93E-05	**
siR_387901	5. 7429	0. 01	-9. 16563566	1. 01E-47	**
siR_387912	47. 2548	0. 01	-12. 20624526	0	**
siR_387921	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_388117	111. 5256	0. 01	-13. 44508748	0	**

siR_38813	5.5302	2.6479	-1.06248302	1.05E-07	**
siR_38814	1.1698	0.5967	-0.97118421	0.024714955	
siR_388142	2.0915	0.01	-7.70839418	7.79E-18	**
siR_388151	11.8403	0.01	-10.20948991	1.25E-97	**
siR_38818	4.7503	3.0581	-0.63538304	0.001503694	
siR_38823	1.1344	0.2238	-2.3416475	2.83E-05	**
siR_388411	15.2435	0.01	-10.57397852	1.75E-125	**
siR_388436	111.6319	0.01	-13.4464622	0	**
siR_388445	1.028	0.01	-6.68369645	3.95E-09	**
siR_388464	2.0206	0.01	-7.65863995	2.96E-17	**
siR_388494	3.7222	0.01	-8.54001177	3.50E-31	**
siR_388559	7.8344	0.01	-9.61367902	7.69E-65	**
siR_38858	2.3042	0.8578	-1.42555272	1.69E-05	**
siR_388594	9.3942	0.01	-9.8756265	1.31E-77	**
siR_388607	2.4815	0.01	-7.95506863	5.01E-21	**
siR_388612	2.3397	0.01	-7.87017976	7.25E-20	**
siR_388613	2.4106	0.01	-7.91324847	1.91E-20	**
siR_388621	2.3751	0.01	-7.89184446	3.72E-20	**
siR_388646	2.1979	0.01	-7.77998195	1.05E-18	**
siR_388650	1.3825	0.01	-7.11113566	4.95E-12	**
siR_388654	5.6011	0.01	-9.12956637	1.46E-46	**
siR_38867	2.3042	0.4475	-2.36430636	1.35E-09	**
siR_388792	10.1032	0.01	-9.98059662	2.07E-83	**
siR_388834	19.8874	0.01	-10.95763907	1.71E-163	**
siR_388838	4.5021	0.01	-8.81445427	1.45E-37	**
siR_38889	1.2053	0.4102	-1.55499288	0.000989728	**
siR_38891	1.5952	0.7086	-1.17069394	0.002183895	**
siR_388913	1.5952	0.01	-7.31759351	8.99E-14	**
siR_388917	1.418	0.01	-7.14771372	2.54E-12	**
siR_38897	8.2953	4.7363	-0.80853369	2.15E-07	
siR_389039	1.1698	0.01	-6.87011809	2.73E-10	**
siR_38904	3.0132	2.2376	-0.42934428	0.077239741	
siR_389130	4.0413	0.01	-8.65867564	8.57E-34	**
siR_389131	3.9704	0.01	-8.63314056	3.26E-33	**
siR_389255	1.6307	0.01	-7.34934759	4.61E-14	**
siR_389319	3.545	0.01	-8.4696418	9.89E-30	**
siR_389331	4.5376	0.01	-8.82578561	7.42E-38	**
siR_389526	2.0561	0.01	-7.68376661	1.52E-17	**
siR_389544	1.8434	0.01	-7.52622535	8.37E-16	**
siR_389589	1.418	0.01	-7.14771372	2.54E-12	**
siR_389633	1.7016	0.01	-7.41074813	1.21E-14	**
siR_389711	2.127	0.01	-7.73267621	3.99E-18	**
siR_389724	1.3825	0.01	-7.11113566	4.95E-12	**
siR_389735	1.8788	0.01	-7.55366769	4.29E-16	**
siR_389756	2.127	0.01	-7.73267621	3.99E-18	**
siR_38976	0.01	10.9271	10.09369485	3.31E-92	**
siR_38978	0.01	2.0512	7.68032436	6.59E-18	**

siR_389791	40.7674	0.01	-11.99320043	0	**
siR_38980	0.01	3.1327	8.29126281	5.83E-27	**
siR_38982	0.01	6.0416	9.23878686	2.60E-51	**
siR_389828	2.2688	0.01	-7.82578561	2.76E-19	**
siR_389913	4.8566	0.01	-8.92380283	1.82E-40	**
siR_38992	5.9201	1.7901	-1.72558136	1.68E-15	**
siR_389926	1.1698	0.01	-6.87011809	2.73E-10	**
siR_390068	1.0635	0.01	-6.73267622	2.02E-09	**
siR_390114	2.6233	0.01	-8.035239	3.46E-22	**
siR_39013	1.0989	0.4102	-1.42166071	0.003288611	**
siR_390143	4.254	0.01	-8.73267624	1.56E-35	**
siR_390145	1.5243	0.01	-7.25200305	3.42E-13	**
siR_390273	7.1963	0.01	-9.49111151	1.28E-59	**
siR_390389	1.4534	0.01	-7.18328801	1.30E-12	**
siR_39060	1.0989	0.4848	-1.1805985	0.010852128	*
siR_39061	26.8711	5.2584	-2.35335959	2.43E-96	**
siR_390746	1.3825	0.01	-7.1113566	4.95E-12	**
siR_39080	0.01	2.2003	7.78155643	3.72E-19	**
siR_39081	332.1306	87.5287	-1.9239226	0	**
siR_39082	1.3825	0.7086	-0.96423611	0.014998473	
siR_390837	1.2053	0.01	-6.91324847	1.40E-10	**
siR_39094	1.028	0.5221	-0.9774422	0.034659916	
siR_390994	5.7783	0.01	-9.17450131	5.19E-48	**
siR_39107	1.8434	1.0442	-0.81997109	0.014012732	
siR_391100	37.3288	0.01	-11.86607327	2.98E-306	**
siR_391101	1.028	0.01	-6.68369645	3.95E-09	**
siR_391135	4.963	0.01	-8.95506867	2.45E-41	**
siR_391447	9.7842	0.01	-9.93431004	8.45E-81	**
siR_391489	2.8714	0.01	-8.16561052	3.22E-24	**
siR_391568	1.028	0.01	-6.68369645	3.95E-09	**
siR_391621	1.2053	0.01	-6.91324847	1.40E-10	**
siR_391869	168.6354	0.01	-14.04162053	0	**
siR_391870	20.8091	0.01	-11.02299881	4.87E-171	**
siR_391871	11.5921	0.01	-10.17892617	1.35E-95	**
siR_391872	6.4164	0.01	-9.3256203	3.11E-53	**
siR_391873	3.3323	0.01	-8.38037447	5.44E-28	**
siR_391874	3.2259	0.01	-8.33355791	4.04E-27	**
siR_391875	2.6587	0.01	-8.05457718	1.77E-22	**
siR_391876	1.8079	0.01	-7.49817107	1.63E-15	**
siR_391877	1.4889	0.01	-7.21810305	6.67E-13	**
siR_391914	2.5878	0.01	-8.0155823	6.75E-22	**
siR_39198	1.7016	0.3729	-2.19003124	7.23E-07	**
siR_392020	4.8212	0.01	-8.91324847	3.54E-40	**
siR_39226	1.0989	0.4848	-1.1805985	0.010852128	*
siR_392338	3.0487	0.01	-8.25205038	1.14E-25	**
siR_392339	1.4534	0.01	-7.18328801	1.30E-12	**
siR_39243	2.4106	1.3426	-0.84436273	0.003887492	

siR_392451	2.7651	0.01	-8.11118786	2.39E-23	**
siR_392465	1.5952	0.01	-7.31759351	8.99E-14	**
siR_392473	1.1344	0.01	-6.82578563	5.32E-10	**
siR_392495	3.0132	0.01	-8.23515263	2.23E-25	**
siR_392497	4.2185	0.01	-8.72058632	3.03E-35	**
siR_392514	10.635	0.01	-10.0546043	9.19E-88	**
siR_392555	2.5878	0.01	-8.0155823	6.75E-22	**
siR_392599	99.4726	0.01	-13.28008342	0	**
siR_392600	2.8714	0.01	-8.16561052	3.22E-24	**
siR_392605	3.5804	0.01	-8.48397698	5.07E-30	**
siR_392648	1.2762	0.01	-6.99571063	3.67E-11	**
siR_39269	5.282	3.1327	-0.75367768	0.000100125	
siR_392706	2.0915	0.01	-7.70839418	7.79E-18	**
siR_392796	1.5243	0.01	-7.25200305	3.42E-13	**
siR_392949	57.9252	0.01	-12.49997569	0	**
siR_39296	1.9143	0.7459	-1.35976281	0.000158111	**
siR_393005	2.9778	0.01	-8.21810305	4.34E-25	**
siR_39307	1.5243	0.1492	-3.35282743	4.13E-09	**
siR_393073	1.5243	0.01	-7.25200305	3.42E-13	**
siR_39326	9.0752	8.503	-0.0939575	0.475745398	
siR_393262	1.0635	0.01	-6.73267622	2.02E-09	**
siR_39327	1.1698	0.4475	-1.38630231	0.002893159	**
siR_3933	4.3603	0.7832	-2.47697473	7.39E-18	**
siR_393322	3.3677	0.01	-8.39561983	2.79E-28	**
siR_393347	3.7222	0.01	-8.54001177	3.50E-31	**
siR_393358	1.418	0.01	-7.14771372	2.54E-12	**
siR_39338	1.0989	0.2611	-2.07338574	0.000132441	**
siR_393385	1.9497	0.01	-7.60710834	1.13E-16	**
siR_393419	1.9497	0.01	-7.60710834	1.13E-16	**
siR_393429	1.4534	0.01	-7.18328801	1.30E-12	**
siR_39343	0.01	1.4918	7.22091032	3.17E-13	**
siR_393464	4.0767	0.01	-8.67125799	4.39E-34	**
siR_393550	1.1698	0.01	-6.87011809	2.73E-10	**
siR_393551	1.028	0.01	-6.68369645	3.95E-09	**
siR_393563	3.1196	0.01	-8.28521723	3.00E-26	**
siR_393588	1.1344	0.01	-6.82578563	5.32E-10	**
siR_393606	1.2407	0.01	-6.95501051	7.17E-11	**
siR_39362	3.2259	1.8647	-0.79075817	0.001562047	
siR_393643	2.1624	0.01	-7.75648961	2.05E-18	**
siR_393645	11.0249	0.01	-10.10654986	5.91E-91	**
siR_39365	1.7725	0.7086	-1.32274226	0.000375473	**
siR_393671	2.5169	0.01	-7.97550407	2.57E-21	**
siR_393742	3.4032	0.01	-8.41074813	1.43E-28	**
siR_393747	1.3825	0.01	-7.11113566	4.95E-12	**
siR_393752	1.0635	0.01	-6.73267622	2.02E-09	**
siR_393809	4.8212	0.01	-8.91324847	3.54E-40	**
siR_393810	3.3323	0.01	-8.38037447	5.44E-28	**

siR_393841	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_393851	3. 7931	0. 01	-8. 56723361	9. 20E-32	**
siR_393923	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_39393	1. 7725	0. 2984	-2. 57046619	2. 67E-08	**
siR_393930	2. 6942	0. 01	-8. 07371315	9. 10E-23	**
siR_39402	1. 8079	0. 9696	-0. 89885328	0. 008533461	
siR_394065	10. 7768	0. 01	-10. 07371319	6. 35E-89	**
siR_394070	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_394109	2. 0561	0. 01	-7. 68376661	1. 52E-17	**
siR_394111	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_394115	3. 9704	0. 01	-8. 63314056	3. 26E-33	**
siR_39412	4. 7148	2. 6479	-0. 83234794	6. 27E-05	
siR_394144	4. 3958	0. 01	-8. 77998192	1. 07E-36	**
siR_394153	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_394172	3. 4032	0. 01	-8. 41074813	1. 43E-28	**
siR_394249	6. 7	0. 01	-9. 3880173	1. 48E-55	**
siR_394300	1. 5952	0. 01	-7. 31759351	8. 99E-14	**
siR_394318	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_39433	2. 6233	2. 8343	0. 11160967	0. 634985494	
siR_39435	1. 8788	2. 0885	0. 15265564	0. 580718299	
siR_394397	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_394441	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_394448	2. 127	0. 01	-7. 73267621	3. 99E-18	**
siR_394449	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_394461	3. 3677	0. 01	-8. 39561983	2. 79E-28	**
siR_394474	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_39449	11. 3085	2. 0139	-2. 48934362	3. 17E-44	**
siR_39450	1. 028	0. 2238	-2. 19955832	0. 000127871	**
siR_39451	1. 1698	0. 0373	-4. 97094246	4. 79E-09	**
siR_394535	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_39455	10. 2805	3. 2819	-1. 64730725	2. 75E-24	**
siR_394558	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_394559	1. 9143	0. 01	-7. 58067313	2. 20E-16	**
siR_39458	12. 1948	2. 4241	-2. 33074498	3. 85E-44	**
siR_394581	4. 8921	0. 01	-8. 93431011	9. 31E-41	**
siR_394662	2. 9069	0. 01	-8. 18333764	1. 65E-24	**
siR_394691	6. 7709	0. 01	-9. 40320384	3. 90E-56	**
siR_394798	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_39480	3. 545	0. 2611	-3. 76311127	1. 94E-21	**
siR_394805	5. 4593	0. 01	-9. 09257214	2. 12E-45	**
siR_39481	1. 0635	0. 0746	-3. 83350059	2. 71E-07	**
siR_394849	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_394910	1. 737	0. 01	-7. 44045394	6. 21E-15	**
siR_39492	0. 01	3. 2819	8. 35838747	3. 29E-28	**
siR_39495	1. 737	0. 5967	-1. 54152007	7. 89E-05	**
siR_394953	3. 5804	0. 01	-8. 48397698	5. 07E-30	**
siR_394986	3. 4032	0. 01	-8. 41074813	1. 43E-28	**

siR_395036	2.1624	0.01	-7.75648961	2.05E-18	**
siR_39507	0.01	2.163	7.75688986	7.63E-19	**
siR_395071	1.1344	0.01	-6.82578563	5.32E-10	**
siR_395077	5.6365	0.01	-9.13865581	7.51E-47	**
siR_395102	1.2053	0.01	-6.91324847	1.40E-10	**
siR_39512	3.0487	1.6782	-0.86127953	0.000943813	
siR_395136	1.1344	0.01	-6.82578563	5.32E-10	**
siR_395138	23.9287	0.01	-11.22452631	1.42E-196	**
siR_395139	1.0989	0.01	-6.7799163	1.04E-09	**
siR_395237	18.2567	0.01	-10.83421034	3.79E-150	**
siR_395264	1.5598	0.01	-7.28521726	1.75E-13	**
siR_395266	2.2688	0.01	-7.82578561	2.76E-19	**
siR_3953	0.01	3.5802	8.48389637	1.05E-30	**
siR_395307	1.9497	0.01	-7.60710834	1.13E-16	**
siR_395349	1.1344	0.01	-6.82578563	5.32E-10	**
siR_395375	2.8005	0.01	-8.12954063	1.23E-23	**
siR_395376	2.1979	0.01	-7.77998195	1.05E-18	**
siR_3954	0.01	1.6782	7.39077085	8.72E-15	**
siR_395401	8.5434	0.01	-9.7386665	1.21E-70	**
siR_395402	6.6291	0.01	-9.37266921	5.64E-55	**
siR_395403	1.0635	0.01	-6.73267622	2.02E-09	**
siR_39543	6.3101	5.0347	-0.32575705	0.04758728	
siR_395436	2.3042	0.01	-7.84812212	1.41E-19	**
siR_395457	1.1344	0.01	-6.82578563	5.32E-10	**
siR_3955	0.01	1.2307	6.94333532	4.86E-11	**
siR_395515	3.155	0.01	-8.3014962	1.54E-26	**
siR_395516	38.0378	0.01	-11.89321799	367689650498e	**
siR_395565	1.5243	0.01	-7.25200305	3.42E-13	**
siR_39557	1.3116	0.9696	-0.4358662	0.240578977	
siR_395582	6.0265	0.01	-9.23517658	4.83E-50	**
siR_395585	8.0117	0.01	-9.64596464	2.72E-66	**
siR_395588	3.9349	0.01	-8.62018319	6.36E-33	**
siR_395664	7.409	0.01	-9.53313504	2.33E-61	**
siR_395675	7.2672	0.01	-9.5052558	3.38E-60	**
siR_39569	1.2053	0.3356	-1.84457766	0.000205328	**
siR_39570	6.3101	0.8205	-2.94308763	4.52E-30	**
siR_395730	2.446	0.01	-7.93428061	9.77E-21	**
siR_395737	1.418	0.01	-7.14771372	2.54E-12	**
siR_395788	1.6661	0.01	-7.38033118	2.36E-14	**
siR_395789	1.0989	0.01	-6.7799163	1.04E-09	**
siR_395817	1.8788	0.01	-7.55366769	4.29E-16	**
siR_395869	3.9704	0.01	-8.63314056	3.26E-33	**
siR_395921	2.127	0.01	-7.73267621	3.99E-18	**
siR_39597	1.2762	0.1492	-3.096535	2.35E-07	**
siR_396	4.0058	2.2376	-0.84013823	0.000202359	
siR_39601	2.5524	0.8205	-1.6372792	5.28E-07	**
siR_396035	1.3471	0.01	-7.07371314	9.66E-12	**

siR_396084	19.2848	0.01	-10.91324847	1.46E-158	**
siR_3961	0.01	21.7423	11.08628885	9.72E-183	**
siR_396132	5.2111	0.01	-9.02544416	2.28E-43	**
siR_39617	1.737	1.1188	-0.6346456	0.056663274	
siR_396175	1.5243	0.01	-7.25200305	3.42E-13	**
siR_396178	1.9497	0.01	-7.60710834	1.13E-16	**
siR_39619	70.1909	19.1318	-1.87531139	1.67E-186	**
siR_3962	0.01	1.3799	7.10841991	2.74E-12	**
siR_396232	1.737	0.01	-7.44045394	6.21E-15	**
siR_396262	2.2688	0.01	-7.82578561	2.76E-19	**
siR_39633	3.3677	1.9766	-0.76874268	0.001607477	
siR_396418	1.3471	0.01	-7.07371314	9.66E-12	**
siR_396492	3.155	0.01	-8.3014962	1.54E-26	**
siR_396505	1.4534	0.01	-7.18328801	1.30E-12	**
siR_39658	3.545	2.0139	-0.81579358	0.000656321	
siR_396607	2.2688	0.01	-7.82578561	2.76E-19	**
siR_39661	2.3042	1.3799	-0.73970223	0.011805198	
siR_396723	2.836	0.01	-8.14771372	6.28E-24	**
siR_396727	6.9482	0.01	-9.44049544	1.38E-57	**
siR_396740	2.0561	0.01	-7.68376661	1.52E-17	**
siR_39677	0.01	2.6479	8.04870483	6.67E-23	**
siR_396784	1.1698	0.01	-6.87011809	2.73E-10	**
siR_396800	14.0736	0.01	-10.4587756	6.57E-116	**
siR_39681	1.9852	0.7086	-1.48624099	3.88E-05	**
siR_396818	4.6085	0.01	-8.84815347	1.95E-38	**
siR_396820	4.0058	0.01	-8.64594661	1.67E-33	**
siR_396842	1.0989	0.01	-6.7799163	1.04E-09	**
siR_396868	3.8995	0.01	-8.60714536	1.24E-32	**
siR_396872	1.028	0.01	-6.68369645	3.95E-09	**
siR_396874	1.3471	0.01	-7.07371314	9.66E-12	**
siR_3969	0.01	16.0737	10.65048635	2.75E-135	**
siR_396925	3.2614	0.01	-8.34934759	2.07E-27	**
siR_396926	1.3471	0.01	-7.07371314	9.66E-12	**
siR_396969	1.0635	0.01	-6.73267622	2.02E-09	**
siR_396975	1.3471	0.01	-7.07371314	9.66E-12	**
siR_396999	8.2953	0.01	-9.69615036	1.30E-68	**
siR_3970	0.01	2.9462	8.20271156	2.12E-25	**
siR_397014	1.2053	0.01	-6.91324847	1.40E-10	**
siR_39706	1.5598	1.0069	-0.63144065	0.072523267	
siR_39710	0.01	1.3799	7.10841991	2.74E-12	**
siR_39713	0.01	19.9149	10.95963252	1.93E-167	**
siR_39717	0.01	2.7597	8.10836763	7.72E-24	**
siR_39723	0.01	2.2749	7.82965932	8.83E-20	**
siR_39728	0.01	1.0815	6.75688986	8.62E-10	**
siR_397292	1.5952	0.01	-7.31759351	8.99E-14	**
siR_397303	2.2688	0.01	-7.82578561	2.76E-19	**
siR_397375	3.3677	0.01	-8.39561983	2.79E-28	**

siR_397418	1.3825	0.01	-7.11113566	4.95E-12	**
siR_397420	1.8788	0.01	-7.55366769	4.29E-16	**
siR_397422	12.5847	0.01	-10.29745508	1.01E-103	**
siR_397423	2.5878	0.01	-8.0155823	6.75E-22	**
siR_397441	1.737	0.01	-7.44045394	6.21E-15	**
siR_397444	2.3042	0.01	-7.84812212	1.41E-19	**
siR_397449	4.1122	0.01	-8.68376664	2.25E-34	**
siR_397461	25.0277	0.01	-11.28930997	1.44E-205	**
siR_397464	3.1905	0.01	-8.31763871	7.88E-27	**
siR_39747	0.01	1.1934	6.89893387	9.98E-11	**
siR_397504	5.4238	0.01	-9.08316017	4.14E-45	**
siR_397542	1.2762	0.01	-6.99571063	3.67E-11	**
siR_397550	13.1165	0.01	-10.3571671	4.49E-108	**
siR_397558	5.4593	0.01	-9.09257214	2.12E-45	**
siR_397564	46.9357	0.01	-12.19647022	0	**
siR_397565	1.2053	0.01	-6.91324847	1.40E-10	**
siR_39758	1.0635	0.2984	-1.83350059	0.000528454	**
siR_397583	1.3471	0.01	-7.07371314	9.66E-12	**
siR_397589	1.028	0.01	-6.68369645	3.95E-09	**
siR_397592	5.3529	0.01	-9.06417692	1.57E-44	**
siR_397616	5.8138	0.01	-9.18333764	2.66E-48	**
siR_397627	1.028	0.01	-6.68369645	3.95E-09	**
siR_39768	1.5598	0.5967	-1.38628337	0.000554254	**
siR_397680	1.1344	0.01	-6.82578563	5.32E-10	**
siR_3977	0.01	28.7163	11.48765416	4.07E-241	**
siR_397736	2.5524	0.01	-7.99571063	1.32E-21	**
siR_397757	1.8079	0.01	-7.49817107	1.63E-15	**
siR_3978	0.01	1.5663	7.29121675	7.54E-14	**
siR_397833	1.1698	0.01	-6.87011809	2.73E-10	**
siR_397898	1.7016	0.01	-7.41074813	1.21E-14	**
siR_397974	1.4889	0.01	-7.21810305	6.67E-13	**
siR_39800	1.0989	0.1119	-3.29577817	8.66E-07	**
siR_398002	1.3116	0.01	-7.035184	1.88E-11	**
siR_39804	9.6778	7.3096	-0.40488666	0.002606919	
siR_398058	3.4741	0.01	-8.44049549	3.76E-29	**
siR_39807	20.2419	9.0624	-1.15937964	7.43E-28	**
siR_398162	2.8714	0.01	-8.16561052	3.22E-24	**
siR_398163	1.2053	0.01	-6.91324847	1.40E-10	**
siR_398215	1.4889	0.01	-7.21810305	6.67E-13	**
siR_398276	2.3751	0.01	-7.89184446	3.72E-20	**
siR_39831	1.5243	1.4918	-0.03109274	0.925089265	
siR_398406	1.3471	0.01	-7.07371314	9.66E-12	**
siR_398453	1.5952	0.01	-7.31759351	8.99E-14	**
siR_398475	1.7725	0.01	-7.46964183	3.18E-15	**
siR_3985	0.01	17.5654	10.77852071	8.95E-148	**
siR_398549	2.446	0.01	-7.93428061	9.77E-21	**
siR_398553	1.028	0.01	-6.68369645	3.95E-09	**

siR_398580	9.3588	0.01	-9.87017969	2.56E-77	**
siR_39859	7.7635	3.5802	-1.11666702	5.20E-11	**
siR_398674	3.1196	0.01	-8.28521723	3.00E-26	**
siR_398675	1.1344	0.01	-6.82578563	5.32E-10	**
siR_398718	1.7016	0.01	-7.41074813	1.21E-14	**
siR_398722	335.9947	0.01	-15.03614961	0	**
siR_398723	49.8426	0.01	-12.28316353	0	**
siR_398724	30.9478	0.01	-11.59562134	5.04E-254	**
siR_398725	26.9065	0.01	-11.39373905	6.03E-221	**
siR_398726	21.3054	0.01	-11.05700334	4.22E-175	**
siR_398727	7.1609	0.01	-9.48399712	2.51E-59	**
siR_398728	4.7503	0.01	-8.89187482	1.35E-39	**
siR_398729	2.6233	0.01	-8.035239	3.46E-22	**
siR_398743	6.2746	0.01	-9.29337967	4.50E-52	**
siR_398744	5.2111	0.01	-9.02544416	2.28E-43	**
siR_398745	2.8005	0.01	-8.12954063	1.23E-23	**
siR_398753	1.8079	0.01	-7.49817107	1.63E-15	**
siR_39877	0.01	5.2957	9.04867759	4.56E-45	**
siR_398789	262.2942	0.01	-14.67889935	0	**
siR_398790	2.4106	0.01	-7.91324847	1.91E-20	**
siR_398791	1.3471	0.01	-7.07371314	9.66E-12	**
siR_398799	1.1344	0.01	-6.82578563	5.32E-10	**
siR_398816	1.418	0.01	-7.14771372	2.54E-12	**
siR_398818	16.5551	0.01	-10.69305993	3.21E-136	**
siR_398821	2.127	0.01	-7.73267621	3.99E-18	**
siR_398824	16.7678	0.01	-10.7114776	5.83E-138	**
siR_398902	10.8122	0.01	-10.07844431	3.25E-89	**
siR_398906	3.864	0.01	-8.59395129	2.42E-32	**
siR_398978	1.7725	0.01	-7.46964183	3.18E-15	**
siR_399043	1.6307	0.01	-7.34934759	4.61E-14	**
siR_399142	1.8788	0.01	-7.55366769	4.29E-16	**
siR_399208	3.864	0.01	-8.59395129	2.42E-32	**
siR_399210	16.6969	0.01	-10.70536449	2.22E-137	**
siR_399250	6.1683	0.01	-9.26872915	3.34E-51	**
siR_399279	2.3751	0.01	-7.89184446	3.72E-20	**
siR_399288	3.4032	0.01	-8.41074813	1.43E-28	**
siR_399293	2.6942	0.01	-8.07371315	9.10E-23	**
siR_399404	27.5446	0.01	-11.42755366	3.61E-226	**
siR_399405	7.9408	0.01	-9.6331405	1.04E-65	**
siR_399406	2.0206	0.01	-7.65863995	2.96E-17	**
siR_399407	1.9852	0.01	-7.63314056	5.78E-17	**
siR_399437	1.2762	0.01	-6.99571063	3.67E-11	**
siR_39946	1.2053	0.2611	-2.20671792	3.06E-05	**
siR_399466	14.6763	0.01	-10.51927268	7.68E-121	**
siR_399498	1.6307	0.01	-7.34934759	4.61E-14	**
siR_399527	11.7694	0.01	-10.20082503	4.77E-97	**
siR_399529	1.3825	0.01	-7.1113566	4.95E-12	**

siR_399550	3.6159	0.01	-8.49821097	2.60E-30	**
siR_399661	1.6307	0.01	-7.34934759	4.61E-14	**
siR_399677	27.3674	0.01	-11.41824285	1.02E-224	**
siR_3997	2.7296	1.5663	-0.80132899	0.003281986	
siR_39971	1.2762	1.2307	-0.05237531	0.884419151	
siR_39972	1.8434	1.7528	-0.07270777	0.805987837	
siR_39975	0.6026	1.3053	1.11510884	0.007429884	**
siR_399767	2.5524	0.01	-7.99571063	1.32E-21	**
siR_399770	1.1698	0.01	-6.87011809	2.73E-10	**
siR_39978	10.1741	1.1188	-3.18487712	2.86E-51	**
siR_399797	1.6307	0.01	-7.34934759	4.61E-14	**
siR_399834	1.9497	0.01	-7.60710834	1.13E-16	**
siR_39989	2.2333	0.6713	-1.73414751	1.06E-06	**
siR_399934	13.3646	0.01	-10.38420088	4.18E-110	**
siR_399935	4.963	0.01	-8.95506867	2.45E-41	**
siR_399942	1.2762	0.01	-6.99571063	3.67E-11	**
siR_39996	3.1196	1.5663	-0.99400049	0.000161818	
siR_39997	2.7296	1.1934	-1.19361187	4.34E-05	**
siR_400009	2.1979	0.01	-7.77998195	1.05E-18	**
siR_400037	1.1698	0.01	-6.87011809	2.73E-10	**
siR_400119	18.5758	0.01	-10.85920869	9.28E-153	**
siR_400120	2.446	0.01	-7.93428061	9.77E-21	**
siR_400121	6.4164	0.01	-9.3256203	3.11E-53	**
siR_400136	3.7222	0.01	-8.54001177	3.50E-31	**
siR_400186	1.737	0.01	-7.44045394	6.21E-15	**
siR_400200	3.1905	0.01	-8.31763871	7.88E-27	**
siR_400249	1.4534	0.01	-7.18328801	1.30E-12	**
siR_400255	2.3042	0.01	-7.84812212	1.41E-19	**
siR_400264	2.2333	0.01	-7.80303324	5.38E-19	**
siR_400267	1.418	0.01	-7.14771372	2.54E-12	**
siR_400270	2.7296	0.01	-8.09254576	4.66E-23	**
siR_400277	2.5524	0.01	-7.99571063	1.32E-21	**
siR_400365	5.8138	0.01	-9.18333764	2.66E-48	**
siR_400376	1.028	0.01	-6.68369645	3.95E-09	**
siR_400403	1.8788	0.01	-7.55366769	4.29E-16	**
siR_400460	1.5598	0.01	-7.28521726	1.75E-13	**
siR_400499	1.8434	0.01	-7.52622535	8.37E-16	**
siR_40058	2.3397	0.9323	-1.32745738	4.00E-05	**
siR_400611	1.2053	0.01	-6.91324847	1.40E-10	**
siR_400618	2.836	0.01	-8.14771372	6.28E-24	**
siR_400700	1.2053	0.01	-6.91324847	1.40E-10	**
siR_400709	2.9778	0.01	-8.21810305	4.34E-25	**
siR_400713	4.9984	0.01	-8.96532255	1.25E-41	**
siR_400732	10.7413	0.01	-10.06895291	1.24E-88	**
siR_400771	3.864	0.01	-8.59395129	2.42E-32	**
siR_400817	1.0635	0.01	-6.73267622	2.02E-09	**
siR_400875	6.7355	0.01	-9.39564121	7.60E-56	**

siR_400877	5.0339	0.01	-8.97553276	6.43E-42	**
siR_401013	1.3825	0.01	-7.11113566	4.95E-12	**
siR_401021	1.9143	0.01	-7.58067313	2.20E-16	**
siR_401031	2.9778	0.01	-8.21810305	4.34E-25	**
siR_401043	2.0915	0.01	-7.70839418	7.79E-18	**
siR_401045	4.3603	0.01	-8.76828358	2.10E-36	**
siR_401071	1.0989	0.01	-6.7799163	1.04E-09	**
siR_401078	1.2407	0.01	-6.95501051	7.17E-11	**
siR_401095	43.9579	0.01	-12.10190671	0	**
siR_40113	0.01	1.1188	6.80580835	4.20E-10	**
siR_401142	1.6307	0.01	-7.34934759	4.61E-14	**
siR_401151	2.9069	0.01	-8.18333764	1.65E-24	**
siR_401161	19.462	0.01	-10.92644428	5.17E-160	**
siR_401162	2.1979	0.01	-7.77998195	1.05E-18	**
siR_401219	3.155	0.01	-8.3014962	1.54E-26	**
siR_401220	12.8329	0.01	-10.3256315	9.41E-106	**
siR_401251	1.5952	0.01	-7.31759351	8.99E-14	**
siR_401268	1.5598	0.01	-7.28521726	1.75E-13	**
siR_401278	25.843	0.01	-11.33555776	3.06E-212	**
siR_401279	3.4386	0.01	-8.42567749	7.34E-29	**
siR_401285	5.4238	0.01	-9.08316017	4.14E-45	**
siR_401338	2.6942	0.01	-8.07371315	9.10E-23	**
siR_401351	10.5286	0.01	-10.04009789	6.82E-87	**
siR_401410	1.6661	0.01	-7.38033118	2.36E-14	**
siR_401440	1.2053	0.01	-6.91324847	1.40E-10	**
siR_401464	1.1344	0.01	-6.82578563	5.32E-10	**
siR_40150	1.0989	0.3356	-1.71124549	0.000775199	**
siR_401544	4.2894	0.01	-8.74463204	7.97E-36	**
siR_401545	2.9423	0.01	-8.20080054	8.47E-25	**
siR_40155	1.3471	1.6036	0.25145737	0.434220389	
siR_40156	1.5598	1.2307	-0.34188193	0.306763052	
siR_401566	5.9556	0.01	-9.21810309	1.84E-49	**
siR_401590	1.6661	0.01	-7.38033118	2.36E-14	**
siR_401605	1.1344	0.01	-6.82578563	5.32E-10	**
siR_401617	6.7	0.01	-9.3880173	1.48E-55	**
siR_401632	1.6307	0.01	-7.34934759	4.61E-14	**
siR_401637	1.2407	0.01	-6.95501051	7.17E-11	**
siR_401643	2.5878	0.01	-8.0155823	6.75E-22	**
siR_401659	2.3042	0.01	-7.84812212	1.41E-19	**
siR_40166	1.0989	0.3729	-1.5591994	0.001653799	**
siR_4017	1.7016	0.6713	-1.34186239	0.000428491	**
siR_401711	2.127	0.01	-7.73267621	3.99E-18	**
siR_401729	1.9852	0.01	-7.63314056	5.78E-17	**
siR_401761	6.0974	0.01	-9.25205038	1.27E-50	**
siR_401794	2.836	0.01	-8.14771372	6.28E-24	**
siR_401820	2.5169	0.01	-7.97550407	2.57E-21	**
siR_401829	2.8005	0.01	-8.12954063	1.23E-23	**

siR_401902	16.0588	0.01	-10.64914846	3.71E-132	**
siR_401920	3.3323	0.01	-8.38037447	5.44E-28	**
siR_4021	3.3677	0.7832	-2.10431096	7.84E-12	**
siR_402192	1.7016	0.01	-7.41074813	1.21E-14	**
siR_402239	19.7811	0.01	-10.94990682	1.27E-162	**
siR_402240	3.4032	0.01	-8.41074813	1.43E-28	**
siR_402244	181.2556	0.01	-14.14573819	0	**
siR_402245	2.1979	0.01	-7.77998195	1.05E-18	**
siR_402289	3.0841	0.01	-8.26870574	5.85E-26	**
siR_402293	19.852	0.01	-10.9550686	3.33E-163	**
siR_402399	1.3471	0.01	-7.07371314	9.66E-12	**
siR_402413	2.0915	0.01	-7.70839418	7.79E-18	**
siR_402431	2.7651	0.01	-8.11118786	2.39E-23	**
siR_402452	1.0635	0.01	-6.73267622	2.02E-09	**
siR_402640	1.9852	0.01	-7.63314056	5.78E-17	**
siR_40265	4.4312	1.902	-1.2201802	1.07E-07	**
siR_402672	3.9704	0.01	-8.63314056	3.26E-33	**
siR_402690	10.3514	0.01	-10.01561019	1.93E-85	**
siR_40270	0.01	1.6782	7.39077085	8.72E-15	**
siR_402804	1.1344	0.01	-6.82578563	5.32E-10	**
siR_402809	1.7016	0.01	-7.41074813	1.21E-14	**
siR_402843	1.0635	0.01	-6.73267622	2.02E-09	**
siR_402898	1.0989	0.01	-6.7799163	1.04E-09	**
siR_40296	1.7016	0.8205	-1.0523167	0.003656954	**
siR_403001	1.3116	0.01	-7.035184	1.88E-11	**
siR_403078	3.4386	0.01	-8.42567749	7.34E-29	**
siR_403125	4.7148	0.01	-8.88105279	2.63E-39	**
siR_403147	3.5095	0.01	-8.45512172	1.93E-29	**
siR_403158	3.1905	0.01	-8.31763871	7.88E-27	**
siR_403171	7.3381	0.01	-9.51926273	8.87E-61	**
siR_40320	19.7811	11.5238	-0.77950613	7.91E-15	
siR_403377	2.446	0.01	-7.93428061	9.77E-21	**
siR_403487	4.963	0.01	-8.95506867	2.45E-41	**
siR_4035	8.0471	7.1231	-0.17596372	0.214750591	
siR_403510	4.6794	0.01	-8.87017976	5.13E-39	**
siR_403525	5.3175	0.01	-9.0546043	3.07E-44	**
siR_403558	10.3159	0.01	-10.01065393	3.76E-85	**
siR_403572	1.6307	0.01	-7.34934759	4.61E-14	**
siR_403579	5.8138	0.01	-9.18333764	2.66E-48	**
siR_403600	2.1979	0.01	-7.77998195	1.05E-18	**
siR_403678	1.7725	0.01	-7.46964183	3.18E-15	**
siR_403855	1.2053	0.01	-6.91324847	1.40E-10	**
siR_403883	1.4534	0.01	-7.18328801	1.30E-12	**
siR_403892	3.2614	0.01	-8.34934759	2.07E-27	**
siR_403894	1.2407	0.01	-6.95501051	7.17E-11	**
siR_403908	3.4386	0.01	-8.42567749	7.34E-29	**
siR_403912	30.1325	0.01	-11.55710459	2.38E-247	**

siR_403971	3.2968	0.01	-8.36492254	1.06E-27	**
siR_40400	2.9778	0.9696	-1.61878526	7.47E-08	**
siR_404002	1.2407	0.01	-6.95501051	7.17E-11	**
siR_404053	1.0635	0.01	-6.73267622	2.02E-09	**
siR_404056	2.2333	0.01	-7.80303324	5.38E-19	**
siR_404173	2.5878	0.01	-8.0155823	6.75E-22	**
siR_404183	2.0561	0.01	-7.68376661	1.52E-17	**
siR_404194	1.2407	0.01	-6.95501051	7.17E-11	**
siR_404235	2.836	0.01	-8.14771372	6.28E-24	**
siR_40432	0.01	6.1535	9.26526341	3.01E-52	**
siR_4044	2.9069	3.8786	0.41605456	0.050374117	
siR_404430	1.4534	0.01	-7.18328801	1.30E-12	**
siR_404435	1.4889	0.01	-7.21810305	6.67E-13	**
siR_404478	2.3751	0.01	-7.89184446	3.72E-20	**
siR_404573	1.4534	0.01	-7.18328801	1.30E-12	**
siR_404663	12.4784	0.01	-10.28521723	7.50E-103	**
siR_404671	1.5598	0.01	-7.28521726	1.75E-13	**
siR_404696	4.9984	0.01	-8.96532255	1.25E-41	**
siR_40483	1.4534	0.4102	-1.82503241	4.93E-05	**
siR_404875	1.3825	0.01	-7.11113566	4.95E-12	**
siR_404956	1.1698	0.01	-6.87011809	2.73E-10	**
siR_40507	2.836	2.3495	-0.27150376	0.265637383	
siR_405073	3.3677	0.01	-8.39561983	2.79E-28	**
siR_405078	13.4355	0.01	-10.39183435	1.10E-110	**
siR_405093	1.0635	0.01	-6.73267622	2.02E-09	**
siR_405110	3.8995	0.01	-8.60714536	1.24E-32	**
siR_405159	2.836	0.01	-8.14771372	6.28E-24	**
siR_40516	2.3397	1.4918	-0.64926943	0.023652695	
siR_405160	1.7016	0.01	-7.41074813	1.21E-14	**
siR_405201	1.028	0.01	-6.68369645	3.95E-09	**
siR_405216	1.7725	0.01	-7.46964183	3.18E-15	**
siR_405287	9.9614	0.01	-9.96020464	2.99E-82	**
siR_405312	1.5952	0.01	-7.31759351	8.99E-14	**
siR_405354	4.5021	0.01	-8.81445427	1.45E-37	**
siR_405363	5.7429	0.01	-9.16563566	1.01E-47	**
siR_40539	0.01	1.529	7.2564446	1.55E-13	**
siR_40547	5.4238	3.431	-0.66067485	0.000443915	
siR_40560	5.672	4.9601	-0.19348833	0.254013424	
siR_40563	2.0915	0.8578	-1.28582478	0.000152961	**
siR_40566	3.6159	2.3122	-0.64508859	0.005053452	
siR_40568	0.5317	1.529	1.52390404	0.000222537	**
siR_405806	12.053	0.01	-10.2351765	2.27E-99	**
siR_405854	1.0989	0.01	-6.7799163	1.04E-09	**
siR_405868	4.3249	0.01	-8.75652296	4.09E-36	**
siR_405920	39.8457	0.01	-11.96020838	0	**
siR_405923	283.8478	0.01	-14.7928319	0	**
siR_405924	1.0635	0.01	-6.73267622	2.02E-09	**

siR_405992	1. 5952	0. 01	-7. 31759351	8. 99E-14	**
siR_4060	0. 01	1. 3426	7. 06888574	5. 63E-12	**
siR_406005	16. 8387	0. 01	-10. 71756498	1. 53E-138	**
siR_406008	2. 9069	0. 01	-8. 18333764	1. 65E-24	**
siR_406083	1. 9852	0. 01	-7. 63314056	5. 78E-17	**
siR_406093	2. 1979	0. 01	-7. 77998195	1. 05E-18	**
siR_406123	3. 864	0. 01	-8. 59395129	2. 42E-32	**
siR_406161	1. 9497	0. 01	-7. 60710834	1. 13E-16	**
siR_406184	5. 9201	0. 01	-9. 2094777	3. 58E-49	**
siR_406185	3. 0841	0. 01	-8. 26870574	5. 85E-26	**
siR_406193	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_40625	2. 836	2. 8716	0. 01799727	0. 935755409	
siR_40626	0. 01	12. 1951	10. 25208587	8. 05E-103	**
siR_406269	2. 7296	0. 01	-8. 09254576	4. 66E-23	**
siR_406305	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_406377	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_406400	8. 2244	0. 01	-9. 68376659	4. 94E-68	**
siR_40641	2. 8714	1. 529	-0. 90916591	0. 000784513	
siR_406455	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_406459	7. 3381	0. 01	-9. 51926273	8. 87E-61	**
siR_406486	68. 6666	0. 01	-12. 74539291	0	**
siR_406487	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_406503	2. 0206	0. 01	-7. 65863995	2. 96E-17	**
siR_406526	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_406572	1. 7725	0. 01	-7. 46964183	3. 18E-15	**
siR_406579	81. 5703	0. 01	-12. 99382871	0	**
siR_406580	1. 7725	0. 01	-7. 46964183	3. 18E-15	**
siR_406622	3. 1196	0. 01	-8. 28521723	3. 00E-26	**
siR_40663	0. 01	1. 1188	6. 80580835	4. 20E-10	**
siR_406631	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_406654	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_40667	0. 01	2. 163	7. 75688986	7. 63E-19	**
siR_406675	2. 3397	0. 01	-7. 87017976	7. 25E-20	**
siR_40671	0. 01	2. 5733	8. 00747585	2. 81E-22	**
siR_406724	17. 1578	0. 01	-10. 74464887	3. 75E-141	**
siR_406726	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_406741	2. 3042	0. 01	-7. 84812212	1. 41E-19	**
siR_406755	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_406763	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_406766	6. 6291	0. 01	-9. 37266921	5. 64E-55	**
siR_40683	3. 1196	1. 1561	-1. 43209486	4. 81E-07	**
siR_406832	1. 8788	0. 01	-7. 55366769	4. 29E-16	**
siR_406836	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_406935	9. 3588	0. 01	-9. 87017969	2. 56E-77	**
siR_406944	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_406959	3. 2259	0. 01	-8. 33355791	4. 04E-27	**
siR_406964	218. 549	0. 01	-14. 41567008	0	**

siR_406965	5.4947	0.01	-9.10189688	1.09E-45	**
siR_406977	10.6704	0.01	-10.05939853	4.71E-88	**
siR_406994	11.9821	0.01	-10.22666514	8.65E-99	**
siR_406997	1.1698	0.01	-6.87011809	2.73E-10	**
siR_407046	1.3116	0.01	-7.035184	1.88E-11	**
siR_40706	1.6661	0.2611	-2.67380063	3.67E-08	**
siR_407087	2.1979	0.01	-7.77998195	1.05E-18	**
siR_407113	1.8434	0.01	-7.52622535	8.37E-16	**
siR_407128	3.1196	0.01	-8.28521723	3.00E-26	**
siR_407149	1.028	0.01	-6.68369645	3.95E-09	**
siR_407174	21.6599	0.01	-11.08081102	5.30E-178	**
siR_407190	68.9856	0.01	-12.75207941	0	**
siR_407196	2.1979	0.01	-7.77998195	1.05E-18	**
siR_407210	1.9497	0.01	-7.60710834	1.13E-16	**
siR_40722	1.7725	3.17	0.83869721	0.000929601	
siR_407222	2.3751	0.01	-7.89184446	3.72E-20	**
siR_407248	1.0635	0.01	-6.73267622	2.02E-09	**
siR_407264	26.9774	0.01	-11.39753577	1.59E-221	**
siR_40728	0.01	1.2307	6.94333532	4.86E-11	**
siR_407296	4.6439	0.01	-8.85919308	1.00E-38	**
siR_4073	38.9949	16.8195	-1.21315063	7.20E-56	**
siR_407306	5.2466	0.01	-9.03523897	1.17E-43	**
siR_407320	3.1196	0.01	-8.28521723	3.00E-26	**
siR_407322	1.8434	0.01	-7.52622535	8.37E-16	**
siR_40744	1.028	0.4848	-1.08437866	0.021479092	*
siR_40746	3.9704	1.3053	-1.60490294	6.27E-10	**
siR_40747	1.9852	0.8578	-1.21057114	0.000435901	**
siR_407474	9.1106	0.01	-9.83140232	2.75E-75	**
siR_407484	5.2111	0.01	-9.02544416	2.28E-43	**
siR_407541	4.4667	0.01	-8.80306553	2.82E-37	**
siR_407554	2.8005	0.01	-8.12954063	1.23E-23	**
siR_407556	27.2965	0.01	-11.4145004	3.88E-224	**
siR_407561	3.7222	0.01	-8.54001177	3.50E-31	**
siR_407609	3.7931	0.01	-8.56723361	9.20E-32	**
siR_407654	1684.9009	0.01	-17.36229623	0	**
siR_407655	47.7156	0.01	-12.22024506	0	**
siR_407662	16.5197	0.01	-10.6899717	6.26E-136	**
siR_407663	3.3323	0.01	-8.38037447	5.44E-28	**
siR_407684	7.3381	0.01	-9.51926273	8.87E-61	**
siR_407767	1.3825	0.01	-7.11113566	4.95E-12	**
siR_407813	1.2762	0.01	-6.99571063	3.67E-11	**
siR_407822	1.9143	0.01	-7.58067313	2.20E-16	**
siR_408028	17.8668	0.01	-10.80306559	5.90E-147	**
siR_40808	95.0059	26.1057	-1.86365227	1.25E-249	**
siR_408133	1.0989	0.01	-6.7799163	1.04E-09	**
siR_408137	5.7783	0.01	-9.17450131	5.19E-48	**
siR_40828	4.573	0.9696	-2.23767932	1.05E-16	**

siR_408295	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_408335	2. 0915	0. 01	-7. 70839418	7. 79E-18	**
siR_408372	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_408378	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_408395	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_40840	4. 6439	3. 0954	-0. 58521105	0. 003548931	
siR_408420	8. 3307	0. 01	-9. 70229394	6. 66E-69	**
siR_408443	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_408460	4. 0058	0. 01	-8. 64594661	1. 67E-33	**
siR_40847	13. 5419	3. 6921	-1. 87491664	2. 24E-37	**
siR_40848	4. 1122	1. 1188	-1. 87795827	2. 16E-12	**
siR_408480	4. 3603	0. 01	-8. 76828358	2. 10E-36	**
siR_408481	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_40849	2. 2688	0. 634	-1. 83937469	3. 00E-07	**
siR_40851	1. 5952	0. 2238	-2. 83345537	2. 82E-08	**
siR_408532	8. 3307	0. 01	-9. 70229394	6. 66E-69	**
siR_408557	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_408564	3. 7931	0. 01	-8. 56723361	9. 20E-32	**
siR_408568	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_408616	7. 9053	0. 01	-9. 62667644	2. 02E-65	**
siR_40864	8. 0826	1. 6036	-2. 33350513	8. 08E-30	**
siR_40865	1. 0989	0. 5967	-0. 88098242	0. 045030158	
siR_408652	2. 127	0. 01	-7. 73267621	3. 99E-18	**
siR_40866	1. 028	0. 3356	-1. 61502564	0. 001825058	**
siR_40867	1. 2053	0. 2611	-2. 20671792	3. 06E-05	**
siR_408709	2. 7296	0. 01	-8. 09254576	4. 66E-23	**
siR_408722	3. 9349	0. 01	-8. 62018319	6. 36E-33	**
siR_408735	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_408737	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_408739	64. 3771	0. 01	-12. 65233223	0	**
siR_408764	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_408777	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_40881	1. 1698	0. 2611	-2. 16358753	5. 01E-05	**
siR_408846	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_408858	3. 3323	0. 01	-8. 38037447	5. 44E-28	**
siR_408861	21. 4118	0. 01	-11. 06419036	5. 69E-176	**
siR_408862	1. 9852	0. 01	-7. 63314056	5. 78E-17	**
siR_408872	59. 9459	0. 01	-12. 5494452	0	**
siR_408873	1. 737	0. 01	-7. 44045394	6. 21E-15	**
siR_408882	7. 3381	0. 01	-9. 51926273	8. 87E-61	**
siR_40894	7. 0191	1. 7901	-1. 97124588	2. 14E-21	**
siR_40895	1. 7016	0. 8205	-1. 0523167	0. 003656954	**
siR_40896	1. 0635	0. 3729	-1. 51195933	0. 00248896	**
siR_408962	2. 2333	0. 01	-7. 80303324	5. 38E-19	**
siR_40897	1. 3471	0. 2611	-2. 36718259	4. 10E-06	**
siR_408982	20. 4546	0. 01	-10. 99820957	3. 88E-168	**
siR_409032	3. 1905	0. 01	-8. 31763871	7. 88E-27	**

siR_409036	3.1196	0.01	-8.28521723	3.00E-26	**
siR_40904	1.0989	0.2984	-1.88074067	0.000335467	**
siR_409044	1.3116	0.01	-7.035184	1.88E-11	**
siR_409137	7.09	0.01	-9.46964185	9.53E-59	**
siR_409149	2.1979	0.01	-7.77998195	1.05E-18	**
siR_40915	1.0635	0.4102	-1.37442064	0.004842593	**
siR_409155	1.2053	0.01	-6.91324847	1.40E-10	**
siR_409162	1.737	0.01	-7.44045394	6.21E-15	**
siR_409165	4.3958	0.01	-8.77998192	1.07E-36	**
siR_409167	7.09	0.01	-9.46964185	9.53E-59	**
siR_409182	1.3825	0.01	-7.11113566	4.95E-12	**
siR_409220	1.0635	0.01	-6.73267622	2.02E-09	**
siR_409261	3.6868	0.01	-8.52622535	6.83E-31	**
siR_409263	1.028	0.01	-6.68369645	3.95E-09	**
siR_409302	5.0693	0.01	-8.98564277	3.30E-42	**
siR_40938	0.01	5.3703	9.06885887	1.08E-45	**
siR_409392	1.1698	0.01	-6.87011809	2.73E-10	**
siR_409393	4.8566	0.01	-8.92380283	1.82E-40	**
siR_4094	18.0795	13.8733	-0.38204378	9.56E-05	
siR_409411	5.5656	0.01	-9.12039339	2.86E-46	**
siR_40947	2.9069	0.5967	-2.28440376	2.35E-11	**
siR_409538	3.1905	0.01	-8.31763871	7.88E-27	**
siR_409571	2.9778	0.01	-8.21810305	4.34E-25	**
siR_409582	3.8995	0.01	-8.60714536	1.24E-32	**
siR_409597	10.4577	0.01	-10.03034988	2.59E-86	**
siR_409630	2.6233	0.01	-8.035239	3.46E-22	**
siR_40969	15.6334	5.2584	-1.57193578	7.31E-34	**
siR_409690	17.5477	0.01	-10.77706612	2.41E-144	**
siR_40971	1.2053	0.1865	-2.69214474	2.94E-06	**
siR_409747	2.3042	0.01	-7.84812212	1.41E-19	**
siR_40977	2.446	1.1934	-1.03534672	0.000562574	**
siR_409874	1.9143	0.01	-7.58067313	2.20E-16	**
siR_40989	5.7429	2.2749	-1.33597631	8.21E-11	**
siR_40991	4.7148	1.9766	-1.25417563	2.12E-08	**
siR_40993	10.4577	5.333	-0.97154636	1.02E-11	
siR_409940	1.3116	0.01	-7.035184	1.88E-11	**
siR_40995	0.01	3.3937	8.40671523	3.81E-29	**
siR_409963	2.446	0.01	-7.93428061	9.77E-21	**
siR_409968	3.1905	0.01	-8.31763871	7.88E-27	**
siR_41001	1.028	0.2238	-2.19955832	0.000127871	**
siR_410058	1.5598	0.01	-7.28521726	1.75E-13	**
siR_410074	1.9143	0.01	-7.58067313	2.20E-16	**
siR_410076	42.5399	0.01	-12.05460108	0	**
siR_410079	9.3942	0.01	-9.8756265	1.31E-77	**
siR_410094	1.0989	0.01	-6.7799163	1.04E-09	**
siR_410125	7.3736	0.01	-9.5262254	4.55E-61	**
siR_410133	1.4534	0.01	-7.18328801	1.30E-12	**

siR_410148	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_410151	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_410173	21. 27	0. 01	-11. 05460446	8. 23E-175	**
siR_41019	0. 01	1. 0442	6. 70625425	1. 77E-09	**
siR_410200	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_410263	3. 4386	0. 01	-8. 42567749	7. 34E-29	**
siR_410293	4. 7857	0. 01	-8. 90258614	6. 91E-40	**
siR_410365	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_41037	1. 2407	0. 4102	-1. 59675492	0. 000655154	**
siR_410374	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_410376	3. 3323	0. 01	-8. 38037447	5. 44E-28	**
siR_41038	7. 0191	4. 438	-0. 66137639	6. 27E-05	
siR_410404	2. 4106	0. 01	-7. 91324847	1. 91E-20	**
siR_410407	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_41045	1. 1344	0. 3356	-1. 75711482	0. 000500636	**
siR_41047	2. 0206	1. 8647	-0. 11584021	0. 682293765	
siR_410470	4. 9275	0. 01	-8. 94471205	4. 77E-41	**
siR_41052	2. 0561	1. 268	-0. 69735569	0. 024014279	
siR_410524	2. 1624	0. 01	-7. 75648961	2. 05E-18	**
siR_410563	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_4106	0. 01	2. 3868	7. 89893387	1. 02E-20	**
siR_41063	3. 8995	0. 634	-2. 62073441	4. 46E-17	**
siR_410640	10. 3514	0. 01	-10. 01561019	1. 93E-85	**
siR_410641	2. 3397	0. 01	-7. 87017976	7. 25E-20	**
siR_410656	6. 4519	0. 01	-9. 33358029	1. 59E-53	**
siR_41069	2. 5169	1. 0815	-1. 21861423	6. 65E-05	**
siR_41072	52. 9622	10. 6288	-2. 31698433	1. 20E-184	**
siR_41073	1. 3825	0. 2238	-2. 62699754	7. 30E-07	**
siR_41075	2. 1979	0. 9696	-1. 18066414	0. 000281955	**
siR_4108	0. 01	1. 0069	6. 6537766	3. 63E-09	**
siR_41080	1. 0989	1. 3799	0. 32850361	0. 350747427	
siR_41082	6. 1328	2. 6106	-1. 23216448	2. 85E-10	**
siR_410843	1. 9852	0. 01	-7. 63314056	5. 78E-17	**
siR_410971	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_410982	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_411007	1. 2053	0. 01	-6. 91324847	1. 40E-10	**
siR_411041	3. 4741	0. 01	-8. 44049549	3. 76E-29	**
siR_411044	4. 254	0. 01	-8. 73267624	1. 56E-35	**
siR_411058	2. 3397	0. 01	-7. 87017976	7. 25E-20	**
siR_41126	0. 01	4. 8855	8. 93236241	1. 24E-41	**
siR_41128	0. 01	2. 4241	7. 9213054	4. 98E-21	**
siR_411302	2. 7296	0. 01	-8. 09254576	4. 66E-23	**
siR_411340	16. 8033	0. 01	-10. 71452887	2. 99E-138	**
siR_411347	11. 2022	0. 01	-10. 12956637	2. 09E-92	**
siR_411349	24. 3541	0. 01	-11. 24994889	4. 70E-200	**
siR_411360	3. 0841	0. 01	-8. 26870574	5. 85E-26	**
siR_411380	28. 6081	0. 01	-11. 48220777	7. 13E-235	**

siR_4114	0.01	15.6261	10.60974204	1.53E-131	**
siR_411401	2.9069	0.01	-8.18333764	1.65E-24	**
siR_411462	2.3397	0.01	-7.87017976	7.25E-20	**
siR_411465	1.418	0.01	-7.14771372	2.54E-12	**
siR_411469	2.5878	0.01	-8.0155823	6.75E-22	**
siR_411470	9.2524	0.01	-9.85368377	1.90E-76	**
siR_411479	10.8122	0.01	-10.07844431	3.25E-89	**
siR_411504	15.3498	0.01	-10.58400411	2.36E-126	**
siR_411509	7.0191	0.01	-9.45514222	3.63E-58	**
siR_411515	8.5789	0.01	-9.74464887	6.20E-71	**
siR_411525	1.2407	0.01	-6.95501051	7.17E-11	**
siR_411527	3.0132	0.01	-8.23515263	2.23E-25	**
siR_411591	1.3825	0.01	-7.11113566	4.95E-12	**
siR_411600	49.6654	0.01	-12.27802554	0	**
siR_411601	7.9408	0.01	-9.6331405	1.04E-65	**
siR_411602	3.7577	0.01	-8.5537061	1.79E-31	**
siR_411603	2.0915	0.01	-7.70839418	7.79E-18	**
siR_411614	2.0561	0.01	-7.68376661	1.52E-17	**
siR_411619	3.7222	0.01	-8.54001177	3.50E-31	**
siR_41162	0.01	1.4918	7.22091032	3.17E-13	**
siR_41163	0.01	1.0815	6.75688986	8.62E-10	**
siR_411697	1.3825	0.01	-7.11113566	4.95E-12	**
siR_41170	0.01	15.4024	10.58893945	1.14E-129	**
siR_41171	0.01	2.6479	8.04870483	6.67E-23	**
siR_411779	1.1698	0.01	-6.87011809	2.73E-10	**
siR_41178	0.01	2.6479	8.04870483	6.67E-23	**
siR_411785	1.9497	0.01	-7.60710834	1.13E-16	**
siR_41179	0.01	2.3122	7.85312238	4.30E-20	**
siR_411886	1.4534	0.01	-7.18328801	1.30E-12	**
siR_411904	5.4238	0.01	-9.08316017	4.14E-45	**
siR_411907	6.2037	0.01	-9.27698508	1.71E-51	**
siR_411919	1.9143	0.01	-7.58067313	2.20E-16	**
siR_41192	0.01	1.0069	6.6537766	3.63E-09	**
siR_411998	1.4534	0.01	-7.18328801	1.30E-12	**
siR_411999	1.028	0.01	-6.68369645	3.95E-09	**
siR_412009	17.2287	0.01	-10.75059825	9.86E-142	**
siR_412043	29.069	0.01	-11.50526565	1.20E-238	**
siR_412051	6.9127	0.01	-9.43310546	2.69E-57	**
siR_412052	4.8566	0.01	-8.92380283	1.82E-40	**
siR_412083	1.4889	0.01	-7.21810305	6.67E-13	**
siR_41209	1.3825	0.2611	-2.40460512	2.46E-06	**
siR_412096	2.4106	0.01	-7.91324847	1.91E-20	**
siR_412129	1.9497	0.01	-7.60710834	1.13E-16	**
siR_41215	6.1683	4.8109	-0.35856612	0.032071388	
siR_41217	1.9143	1.529	-0.32422853	0.280552793	
siR_412233	1.2407	0.01	-6.95501051	7.17E-11	**
siR_412307	1.2407	0.01	-6.95501051	7.17E-11	**

siR_41231	3.7931	1.8274	-1.05358495	1.26E-05	**
siR_412434	1.1344	0.01	-6.82578563	5.32E-10	**
siR_412450	1.3116	0.01	-7.035184	1.88E-11	**
siR_412471	21.4118	0.01	-11.06419036	5.69E-176	**
siR_412472	3.1196	0.01	-8.28521723	3.00E-26	**
siR_41248	2.0915	0.5967	-1.80946032	1.17E-06	**
siR_412564	2.8005	0.01	-8.12954063	1.23E-23	**
siR_41257	1.0635	0.3729	-1.51195933	0.00248896	**
siR_41263	1.3825	0.4475	-1.62731989	0.000260107	**
siR_412631	1.4534	0.01	-7.18328801	1.30E-12	**
siR_412659	1.9497	0.01	-7.60710834	1.13E-16	**
siR_41270	0.01	7.6825	9.58543205	4.78E-65	**
siR_412756	94.5096	0.01	-13.20624458	0	**
siR_412757	1.1344	0.01	-6.82578563	5.32E-10	**
siR_412762	4.0767	0.01	-8.67125799	4.39E-34	**
siR_41277	1.3825	0.2984	-2.21196004	7.41E-06	**
siR_412776	1.0989	0.01	-6.7799163	1.04E-09	**
siR_41279	6.381	5.6687	-0.17076461	0.283591653	
siR_41280	2.6942	1.1561	-1.22059076	3.57E-05	**
siR_41283	1.2407	0.634	-0.96859957	0.020904832	
siR_412832	1.028	0.01	-6.68369645	3.95E-09	**
siR_412894	5.8138	0.01	-9.18333764	2.66E-48	**
siR_412937	2.2688	0.01	-7.82578561	2.76E-19	**
siR_412940	4.0058	0.01	-8.64594661	1.67E-33	**
siR_412961	1.4534	0.01	-7.18328801	1.30E-12	**
siR_4130	1.1344	0.5594	-1.01997728	0.02136103	*
siR_413023	2.5169	0.01	-7.97550407	2.57E-21	**
siR_413026	1.9143	0.01	-7.58067313	2.20E-16	**
siR_41309	3.1905	1.8647	-0.77483899	0.001998225	
siR_413125	1.1698	0.01	-6.87011809	2.73E-10	**
siR_413174	11.5567	0.01	-10.17451381	2.63E-95	**
siR_413241	1.2407	0.01	-6.95501051	7.17E-11	**
siR_413345	1.6661	0.01	-7.38033118	2.36E-14	**
siR_413348	2.2333	0.01	-7.80303324	5.38E-19	**
siR_413349	3.3323	0.01	-8.38037447	5.44E-28	**
siR_41336	10.3868	3.6548	-1.50688689	9.71E-22	**
siR_41338	1.7016	1.0442	-0.70449387	0.038640539	
siR_413420	1.5952	0.01	-7.31759351	8.99E-14	**
siR_413474	3.1196	0.01	-8.28521723	3.00E-26	**
siR_413605	1.6307	0.01	-7.34934759	4.61E-14	**
siR_41361	0.4963	1.1188	1.1726678	0.009993026	**
siR_413618	10.4577	0.01	-10.03034988	2.59E-86	**
siR_413621	2.0206	0.01	-7.65863995	2.96E-17	**
siR_41367	117.3039	49.6754	-1.23964749	5.99E-170	**
siR_41368	8.508	2.536	-1.74626529	5.67E-22	**
siR_413689	2.6942	0.01	-8.07371315	9.10E-23	**
siR_41373	1.3825	0.7459	-0.89022535	0.022894115	

siR_413750	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_41376	4. 3603	2. 3122	-0. 91516121	3. 05E-05	
siR_413772	1. 9497	0. 01	-7. 60710834	1. 13E-16	**
siR_413782	3. 4741	0. 01	-8. 44049549	3. 76E-29	**
siR_413814	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_41383	1. 2053	0. 5967	-1. 0143146	0. 01809496	*
siR_41388	1. 2053	0. 1865	-2. 69214474	2. 94E-06	**
siR_413977	6. 8773	0. 01	-9. 42569848	5. 25E-57	**
siR_413978	2. 1979	0. 01	-7. 77998195	1. 05E-18	**
siR_413979	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_414005	5. 1048	0. 01	-8. 99571063	1. 69E-42	**
siR_414029	1. 8434	0. 01	-7. 52622535	8. 37E-16	**
siR_41415	8. 827	6. 7875	-0. 3790429	0. 00686286	
siR_41420	1. 418	1. 0442	-0. 44145947	0. 216543272	
siR_414307	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_414502	2. 0206	0. 01	-7. 65863995	2. 96E-17	**
siR_414521	7. 409	0. 01	-9. 53313504	2. 33E-61	**
siR_414575	1. 3825	0. 01	-7. 11113566	4. 95E-12	**
siR_414648	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_41465	7. 09	1. 7155	-2. 0471565	1. 31E-22	**
siR_414764	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_41477	1. 3825	0. 5967	-1. 2122018	0. 003421985	**
siR_414818	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_414819	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_414840	20. 9864	0. 01	-11. 03523889	1. 73E-172	**
siR_414841	4. 2894	0. 01	-8. 74463204	7. 97E-36	**
siR_414842	1. 4534	0. 01	-7. 18328801	1. 30E-12	**
siR_414868	3. 2614	0. 01	-8. 34934759	2. 07E-27	**
siR_414873	2. 836	0. 01	-8. 14771372	6. 28E-24	**
siR_415013	2. 8714	0. 01	-8. 16561052	3. 22E-24	**
siR_415056	2. 8714	0. 01	-8. 16561052	3. 22E-24	**
siR_415111	5. 4593	0. 01	-9. 09257214	2. 12E-45	**
siR_415124	7. 0191	0. 01	-9. 45514222	3. 63E-58	**
siR_415131	1. 8434	0. 01	-7. 52622535	8. 37E-16	**
siR_41515	0. 01	14. 0598	10. 45736036	1. 98E-118	**
siR_41522	0. 01	41. 0233	12. 00222783	0	**
siR_41523	0. 01	1. 6036	7. 32517051	3. 67E-14	**
siR_415233	1. 8434	0. 01	-7. 52622535	8. 37E-16	**
siR_415301	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_41531	0. 01	3. 8786	8. 59939219	3. 33E-33	**
siR_415361	2. 127	0. 01	-7. 73267621	3. 99E-18	**
siR_415369	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_41539	0. 01	1. 3799	7. 10841991	2. 74E-12	**
siR_415425	1. 8434	0. 01	-7. 52622535	8. 37E-16	**
siR_415434	1. 4889	0. 01	-7. 21810305	6. 67E-13	**
siR_415438	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_41548	47. 8929	22. 0407	-1. 11964175	3. 03E-60	**

siR_41549	4.1831	1.3053	-1.68019106	5.39E-11	**
siR_415490	1.028	0.01	-6.68369645	3.95E-09	**
siR_41572	2.8714	0.7832	-1.87430165	4.94E-09	**
siR_415726	1.1698	0.01	-6.87011809	2.73E-10	**
siR_415778	2.3397	0.01	-7.87017976	7.25E-20	**
siR_415806	1.5952	0.01	-7.31759351	8.99E-14	**
siR_415812	3.6513	0.01	-8.51226639	1.33E-30	**
siR_415829	1.418	0.01	-7.14771372	2.54E-12	**
siR_415840	14.7117	0.01	-10.52274825	3.94E-121	**
siR_415895	34.9537	0.01	-11.77122969	8.21E-287	**
siR_415898	12.5138	0.01	-10.28930419	3.84E-103	**
siR_415901	3.3323	0.01	-8.38037447	5.44E-28	**
siR_415928	7.3027	0.01	-9.5122862	1.73E-60	**
siR_41595	1.3116	0.7086	-0.88828444	0.027066419	
siR_415967	2.0206	0.01	-7.65863995	2.96E-17	**
siR_415979	5.1402	0.01	-9.00568068	8.67E-43	**
siR_41604	1.3825	0.5221	-1.40488142	0.001042064	**
siR_41608	10.1387	9.8456	-0.04232165	0.732370794	
siR_41609	1.7016	1.1188	-0.60493978	0.070773479	
siR_416103	2.127	0.01	-7.73267621	3.99E-18	**
siR_41611	4.3958	1.1188	-1.97417359	5.90E-14	**
siR_416119	4.963	0.01	-8.95506867	2.45E-41	**
siR_41630	2.1624	1.268	-0.77007867	0.01158066	
siR_416324	1.0635	0.01	-6.73267622	2.02E-09	**
siR_416330	8.4016	0.01	-9.71452026	1.75E-69	**
siR_41636	1.028	0.2238	-2.19955832	0.000127871	**
siR_41654	0.01	1.3426	7.06888574	5.63E-12	**
siR_416569	7.4799	0.01	-9.54687514	6.13E-62	**
siR_41658	0.6026	1.3426	1.15575697	0.005196319	**
siR_416638	2.6587	0.01	-8.05457718	1.77E-22	**
siR_416795	1.0989	0.01	-6.7799163	1.04E-09	**
siR_41685	1.418	0.1492	-3.24853809	2.36E-08	**
siR_416858	2.6587	0.01	-8.05457718	1.77E-22	**
siR_41687	5.991	2.0885	-1.52032969	2.60E-13	**
siR_416937	2.5878	0.01	-8.0155823	6.75E-22	**
siR_416946	1.6307	0.01	-7.34934759	4.61E-14	**
siR_416987	2.1979	0.01	-7.77998195	1.05E-18	**
siR_417038	1.7016	0.01	-7.41074813	1.21E-14	**
siR_417050	14.499	0.01	-10.50173776	2.17E-119	**
siR_417053	1.3825	0.01	-7.11113566	4.95E-12	**
siR_417125	1.3825	0.01	-7.11113566	4.95E-12	**
siR_417129	1.1344	0.01	-6.82578563	5.32E-10	**
siR_417178	1.3825	0.01	-7.11113566	4.95E-12	**
siR_417203	1.3825	0.01	-7.11113566	4.95E-12	**
siR_41722	1.3825	0.3356	-2.04246486	2.03E-05	**
siR_417361	2.0206	0.01	-7.65863995	2.96E-17	**
siR_41738	5.0339	0.7459	-2.75462243	9.17E-23	**

siR_417406	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_41745	4. 7148	4. 8855	0. 05130965	0. 771615501	
siR_417478	3. 1196	0. 01	-8. 28521723	3. 00E-26	**
siR_417512	37. 2225	0. 01	-11. 8619593	2. 21E-305	**
siR_417557	2. 8714	0. 01	-8. 16561052	3. 22E-24	**
siR_417558	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_417564	6. 1683	0. 01	-9. 26872915	3. 34E-51	**
siR_417565	3. 6159	0. 01	-8. 49821097	2. 60E-30	**
siR_417578	2. 5169	0. 01	-7. 97550407	2. 57E-21	**
siR_417579	1. 028	0. 01	-6. 68369645	3. 95E-09	**
siR_417584	1. 9143	0. 01	-7. 58067313	2. 20E-16	**
siR_417585	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_417614	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_417616	2. 0915	0. 01	-7. 70839418	7. 79E-18	**
siR_417645	3. 0487	0. 01	-8. 25205038	1. 14E-25	**
siR_417657	2. 3751	0. 01	-7. 89184446	3. 72E-20	**
siR_41768	0. 01	3. 9159	8. 61320011	1. 62E-33	**
siR_417684	4. 4667	0. 01	-8. 80306553	2. 82E-37	**
siR_417685	2. 9778	0. 01	-8. 21810305	4. 34E-25	**
siR_417686	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_41769	0. 01	2. 6106	8. 02823761	1. 37E-22	**
siR_417698	12. 8683	0. 01	-10. 32960581	4. 82E-106	**
siR_417706	2. 127	0. 01	-7. 73267621	3. 99E-18	**
siR_417753	4. 0413	0. 01	-8. 65867564	8. 57E-34	**
siR_417756	992. 3506	0. 01	-16. 59855996	0	**
siR_417757	1. 9497	0. 01	-7. 60710834	1. 13E-16	**
siR_417758	1. 9143	0. 01	-7. 58067313	2. 20E-16	**
siR_417884	11. 2731	0. 01	-10. 13866865	5. 50E-93	**
siR_417897	1. 0989	0. 01	-6. 7799163	1. 04E-09	**
siR_4179	2. 836	1. 902	-0. 57634029	0. 024940499	
siR_41791	1. 3471	0. 2984	-2. 17453751	1. 21E-05	**
siR_417927	13. 081	0. 01	-10. 35325721	8. 76E-108	**
siR_41794	10. 245	2. 2376	-2. 19489592	8. 34E-35	**
siR_41819	1. 2407	0. 3356	-1. 88633969	0. 000130463	**
siR_41820	1. 8788	0. 2984	-2. 65449206	5. 42E-09	**
siR_41821	9. 5006	3. 6921	-1. 363577	1. 92E-17	**
siR_41822	1. 6307	0. 634	-1. 36293665	0. 000487944	**
siR_41823	1. 028	0. 3356	-1. 61502564	0. 001825058	**
siR_418240	1. 3471	0. 01	-7. 07371314	9. 66E-12	**
siR_418243	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_418339	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_41836	1. 1698	0. 2611	-2. 16358753	5. 01E-05	**
siR_418576	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_418766	2. 0915	0. 01	-7. 70839418	7. 79E-18	**
siR_4188	3. 0132	2. 163	-0. 47826277	0. 050983946	
siR_418922	12. 6556	0. 01	-10. 30556026	2. 66E-104	**
siR_418954	1. 5598	0. 01	-7. 28521726	1. 75E-13	**

siR_418957	1.1698	0.01	-6.87011809	2.73E-10	**
siR_41899	0.01	1.7901	7.48389637	1.01E-15	**
siR_41905	3.7931	1.6782	-1.17646275	1.81E-06	**
siR_419093	1.028	0.01	-6.68369645	3.95E-09	**
siR_419130	5.5656	0.01	-9.12039339	2.86E-46	**
siR_419144	2.6233	0.01	-8.035239	3.46E-22	**
siR_419185	6.7709	0.01	-9.40320384	3.90E-56	**
siR_41921	30.1325	12.0459	-1.32277819	1.34E-49	**
siR_41922	3.5095	1.5663	-1.16390494	5.35E-06	**
siR_41923	1.9143	0.7832	-1.28936427	0.000286776	**
siR_41926	131.9802	34.7952	-1.9233613	0	**
siR_41933	1.2053	0.4102	-1.55499288	0.000989728	**
siR_419385	4.5376	0.01	-8.82578561	7.42E-38	**
siR_419411	1.2762	0.01	-6.99571063	3.67E-11	**
siR_419421	4.2894	0.01	-8.74463204	7.97E-36	**
siR_419439	1.6307	0.01	-7.34934759	4.61E-14	**
siR_41947	30.8769	8.8014	-1.81072299	2.70E-79	**
siR_419477	3.4386	0.01	-8.42567749	7.34E-29	**
siR_419478	8.6143	0.01	-9.75058979	3.18E-71	**
siR_419488	1.418	0.01	-7.14771372	2.54E-12	**
siR_419491	657.8448	0.01	-16.00545526	0	**
siR_419507	3.6513	0.01	-8.51226639	1.33E-30	**
siR_41953	2.3751	1.268	-0.90543351	0.002364713	**
siR_41958	0.01	2.7225	8.08878824	1.58E-23	**
siR_419589	2.9778	0.01	-8.21810305	4.34E-25	**
siR_41959	0.01	2.0885	7.70632333	3.21E-18	**
siR_419624	6.7355	0.01	-9.39564121	7.60E-56	**
siR_419692	4.9984	0.01	-8.96532255	1.25E-41	**
siR_41970	6.4519	1.9766	-1.70670313	1.57E-16	**
siR_419704	1.2053	0.01	-6.91324847	1.40E-10	**
siR_419727	1.2762	0.01	-6.99571063	3.67E-11	**
siR_41973	210.1119	77.4221	-1.44034053	0	**
siR_419738	1.1698	0.01	-6.87011809	2.73E-10	**
siR_41974	11.8403	3.7667	-1.6523326	7.53E-28	**
siR_41975	8.8979	3.3937	-1.39060585	7.00E-17	**
siR_41982	1.8434	0.4848	-1.92690755	1.98E-06	**
siR_41989	1.0989	0.2611	-2.07338574	0.000132441	**
siR_419897	10.4932	0.01	-10.03523904	1.33E-86	**
siR_419912	1.3116	0.01	-7.035184	1.88E-11	**
siR_41999	2.3042	0.7832	-1.55681328	4.39E-06	**
siR_420	0.01	1.6036	7.32517051	3.67E-14	**
siR_420013	3.2614	0.01	-8.34934759	2.07E-27	**
siR_420082	1.5952	0.01	-7.31759351	8.99E-14	**
siR_420083	1.5598	0.01	-7.28521726	1.75E-13	**
siR_420089	1.1344	0.01	-6.82578563	5.32E-10	**
siR_420096	2.0561	0.01	-7.68376661	1.52E-17	**
siR_420131	3.1196	0.01	-8.28521723	3.00E-26	**

siR_420155	3.7222	0.01	-8.54001177	3.50E-31	**
siR_420172	115.1415	0.01	-13.49111961	0	**
siR_420177	5.672	0.01	-9.14771376	3.85E-47	**
siR_420193	1.0635	0.01	-6.73267622	2.02E-09	**
siR_42023	7.799	2.9089	-1.42281545	1.89E-15	**
siR_420284	2.2688	0.01	-7.82578561	2.76E-19	**
siR_420292	8.4371	0.01	-9.72060336	8.98E-70	**
siR_42032	42.1854	15.2159	-1.47116411	1.99E-80	**
siR_42033	20.6673	6.8248	-1.59849125	2.79E-45	**
siR_420339	1.2762	0.01	-6.99571063	3.67E-11	**
siR_420342	2.8714	0.01	-8.16561052	3.22E-24	**
siR_420385	1.0635	0.01	-6.73267622	2.02E-09	**
siR_42040	2.9778	1.0069	-1.56432645	1.54E-07	**
siR_42041	1.5598	1.268	-0.29880631	0.368280846	
siR_420442	2.5878	0.01	-8.0155823	6.75E-22	**
siR_420458	1.9143	0.01	-7.58067313	2.20E-16	**
siR_420474	2.446	0.01	-7.93428061	9.77E-21	**
siR_420496	4.963	0.01	-8.95506867	2.45E-41	**
siR_42053	1.418	0.5594	-1.34190537	0.001335576	**
siR_420548	10.1741	0.01	-9.9906855	5.44E-84	**
siR_420551	12.762	0.01	-10.3176388	3.58E-105	**
siR_420554	1.1344	0.01	-6.82578563	5.32E-10	**
siR_420559	5.3529	0.01	-9.06417692	1.57E-44	**
siR_42056	4.3603	2.5733	-0.76080774	0.000369057	
siR_420601	9.7487	0.01	-9.92906603	1.65E-80	**
siR_42061	0.01	6.3773	9.31680194	4.04E-54	**
siR_42063	13.7546	6.0789	-1.17803199	6.87E-20	**
siR_420633	1.0989	0.01	-6.7799163	1.04E-09	**
siR_420647	1.418	0.01	-7.14771372	2.54E-12	**
siR_420677	1.5598	0.01	-7.28521726	1.75E-13	**
siR_420712	4.1831	0.01	-8.70842867	5.92E-35	**
siR_420714	19.2493	0.01	-10.9105903	2.85E-158	**
siR_420776	1.5243	0.01	-7.25200305	3.42E-13	**
siR_420798	2.1624	0.01	-7.75648961	2.05E-18	**
siR_420813	4.9275	0.01	-8.94471205	4.77E-41	**
siR_420814	2.127	0.01	-7.73267621	3.99E-18	**
siR_420827	1.3471	0.01	-7.07371314	9.66E-12	**
siR_420881	4.8212	0.01	-8.91324847	3.54E-40	**
siR_420906	1.3825	0.01	-7.11113566	4.95E-12	**
siR_420917	33.8902	0.01	-11.7266522	4.16E-278	**
siR_420923	21.8017	0.01	-11.09022501	3.66E-179	**
siR_420945	3.1196	0.01	-8.28521723	3.00E-26	**
siR_421001	1.4889	0.01	-7.21810305	6.67E-13	**
siR_421002	1.5598	0.01	-7.28521726	1.75E-13	**
siR_421003	1.5598	0.01	-7.28521726	1.75E-13	**
siR_421005	1.6307	0.01	-7.34934759	4.61E-14	**
siR_421032	1.3825	0.01	-7.11113566	4.95E-12	**

siR_421034	12.0175	0.01	-10.23092113	4.44E-99	**
siR_421050	3.8995	0.01	-8.60714536	1.24E-32	**
siR_421052	1.9497	0.01	-7.60710834	1.13E-16	**
siR_421058	4.2185	0.01	-8.72058632	3.03E-35	**
siR_421064	1.6661	0.01	-7.38033118	2.36E-14	**
siR_421115	2.2333	0.01	-7.80303324	5.38E-19	**
siR_421130	1.3116	0.01	-7.035184	1.88E-11	**
siR_421136	7.2318	0.01	-9.49821097	6.58E-60	**
siR_421340	2.0206	0.01	-7.65863995	2.96E-17	**
siR_421472	2.4106	0.01	-7.91324847	1.91E-20	**
siR_421485	1.8079	0.01	-7.49817107	1.63E-15	**
siR_421616	6.8773	0.01	-9.42569848	5.25E-57	**
siR_42164	1.5243	0.4848	-1.65268527	0.000103474	**
siR_42169	2.3397	1.0069	-1.21640315	0.000124126	**
siR_4217	141.0199	32.6321	-2.11153502	0	**
siR_421715	1.3825	0.01	-7.11113566	4.95E-12	**
siR_421739	2.8714	0.01	-8.16561052	3.22E-24	**
siR_421791	3.9349	0.01	-8.62018319	6.36E-33	**
siR_4218	4.4667	1.1188	-1.9972572	2.36E-14	**
siR_421820	1.8434	0.01	-7.52622535	8.37E-16	**
siR_421902	2.446	0.01	-7.93428061	9.77E-21	**
siR_421903	1.6661	0.01	-7.38033118	2.36E-14	**
siR_421938	2.1979	0.01	-7.77998195	1.05E-18	**
siR_421939	15.1726	0.01	-10.56725266	6.65E-125	**
siR_421951	1.1344	0.01	-6.82578563	5.32E-10	**
siR_421991	3.0132	0.01	-8.23515263	2.23E-25	**
siR_4220	36.9743	6.5264	-2.50216352	1.33E-141	**
siR_422062	6.5937	0.01	-9.36494442	1.10E-54	**
siR_422166	7.6217	0.01	-9.57396906	4.23E-63	**
siR_422167	1.028	0.01	-6.68369645	3.95E-09	**
siR_422192	3.8286	0.01	-8.58067313	4.72E-32	**
siR_422196	4.3958	0.01	-8.77998192	1.07E-36	**
siR_42223	20.88	9.1743	-1.18645172	1.08E-29	**
siR_422357	7.0191	0.01	-9.45514222	3.63E-58	**
siR_422415	1.1698	0.01	-6.87011809	2.73E-10	**
siR_422482	3.6868	0.01	-8.52622535	6.83E-31	**
siR_422586	1.0989	0.01	-6.7799163	1.04E-09	**
siR_42284	3.4032	1.3053	-1.38251052	3.02E-07	**
siR_42293	0.01	2.2376	7.80580835	1.81E-19	**
siR_422930	1.7725	0.01	-7.46964183	3.18E-15	**
siR_42303	0.01	5.4076	9.07884463	5.28E-46	**
siR_423089	1.028	0.01	-6.68369645	3.95E-09	**
siR_423115	2.9778	0.01	-8.21810305	4.34E-25	**
siR_42322	3.0132	0.8205	-1.8767212	1.98E-09	**
siR_42326	1.1344	0.7459	-0.60487531	0.14203681	
siR_423266	8.1889	0.01	-9.6775259	9.64E-68	**
siR_423281	1.6661	0.01	-7.38033118	2.36E-14	**

siR_423282	1. 2407	0. 01	-6. 95501051	7. 17E-11	**
siR_423292	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_42339	2. 9778	1. 0069	-1. 56432645	1. 54E-07	**
siR_423473	2. 3751	0. 01	-7. 89184446	3. 72E-20	**
siR_423495	2. 6233	0. 01	-8. 035239	3. 46E-22	**
siR_423497	6. 9836	0. 01	-9. 44782715	7. 07E-58	**
siR_42350	1. 737	0. 4102	-2. 08219836	1. 23E-06	**
siR_42355	0. 01	2. 1258	7. 73186206	1. 57E-18	**
siR_423597	2. 127	0. 01	-7. 73267621	3. 99E-18	**
siR_423607	2. 9069	0. 01	-8. 18333764	1. 65E-24	**
siR_42362	71. 5026	29. 8724	-1. 25918255	6. 88E-107	**
siR_42363	2. 127	1. 1188	-0. 92686787	0. 0033742	
siR_423648	2. 5878	0. 01	-8. 0155823	6. 75E-22	**
siR_42368	3. 8286	2. 8343	-0. 43382447	0. 044089343	
siR_423689	4. 8566	0. 01	-8. 92380283	1. 82E-40	**
siR_42370	1. 1344	0. 5967	-0. 92685176	0. 033495577	
siR_423724	2. 0561	0. 01	-7. 68376661	1. 52E-17	**
siR_423758	5. 3884	0. 01	-9. 07371312	8. 07E-45	**
siR_42376	31. 3732	26. 2922	-0. 25489782	0. 00045277	
siR_42378	1. 2407	0. 4102	-1. 59675492	0. 000655154	**
siR_423820	1. 8079	0. 01	-7. 49817107	1. 63E-15	**
siR_423824	22. 0144	0. 01	-11. 1042319	6. 64E-181	**
siR_423851	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_42386	1. 5243	1. 8274	0. 26164559	0. 385989105	
siR_423881	1. 3116	0. 01	-7. 035184	1. 88E-11	**
siR_42391	1. 9852	0. 2611	-2. 92661	2. 68E-10	**
siR_423922	1. 6307	0. 01	-7. 34934759	4. 61E-14	**
siR_423923	1. 2762	0. 01	-6. 99571063	3. 67E-11	**
siR_42393	4. 0058	2. 4241	-0. 72464118	0. 001073004	
siR_423999	1. 0635	0. 01	-6. 73267622	2. 02E-09	**
siR_42404	6. 7355	5. 8178	-0. 21131134	0. 175698566	
siR_424049	1. 5598	0. 01	-7. 28521726	1. 75E-13	**
siR_424052	1. 1698	0. 01	-6. 87011809	2. 73E-10	**
siR_424058	1. 418	0. 01	-7. 14771372	2. 54E-12	**
siR_424059	1. 1344	0. 01	-6. 82578563	5. 32E-10	**
siR_424096	1. 5243	0. 01	-7. 25200305	3. 42E-13	**
siR_42412	13. 2937	6. 3027	-1. 0767008	6. 87E-17	**
siR_42417	0. 01	73. 991	12. 85313408	0	**
siR_424193	3. 5804	0. 01	-8. 48397698	5. 07E-30	**
siR_4242	0. 01	3. 7667	8. 55715732	2. 87E-32	**
siR_424201	3. 2259	0. 01	-8. 33355791	4. 04E-27	**
siR_424224	1. 7016	0. 01	-7. 41074813	1. 21E-14	**
siR_42423	0. 01	7. 4588	9. 54279973	3. 57E-63	**
siR_424247	2. 4815	0. 01	-7. 95506863	5. 01E-21	**
siR_42437	0. 01	2. 3495	7. 87620996	2. 10E-20	**
siR_424392	4. 3603	0. 01	-8. 76828358	2. 10E-36	**
siR_424425	1. 3825	0. 01	-7. 11113566	4. 95E-12	**

siR_42443	6.5582	5.5195	-0.24876232	0.118045339	
siR_42448	2.0206	1.7155	-0.23615463	0.412270525	
siR_42450	2.1979	0.4848	-2.18066414	1.77E-08	**
siR_424503	4.1476	0.01	-8.69613295	1.15E-34	**
siR_424504	2.8005	0.01	-8.12954063	1.23E-23	**
siR_424536	1.0989	0.01	-6.7799163	1.04E-09	**
siR_42465	0.01	1.4172	7.14689956	1.34E-12	**
siR_424693	2.5169	0.01	-7.97550407	2.57E-21	**
siR_424738	3.4386	0.01	-8.42567749	7.34E-29	**
siR_424818	1.2407	0.01	-6.95501051	7.17E-11	**
siR_424825	5.1757	0.01	-9.01561019	4.44E-43	**
siR_424826	3.0487	0.01	-8.25205038	1.14E-25	**
siR_424887	1.1344	0.01	-6.82578563	5.32E-10	**
siR_42494	1.8434	0.8578	-1.10365593	0.001652203	**
siR_424983	114.2552	0.01	-13.47997169	0	**
siR_424984	1.8079	0.01	-7.49817107	1.63E-15	**
siR_42506	1.2407	0.3729	-1.73429361	0.000303178	**
siR_425065	1.7016	0.01	-7.41074813	1.21E-14	**
siR_42513	3.6513	3.3937	-0.10555117	0.613615117	
siR_42521	3.3677	0.1492	-4.49644418	6.45E-23	**
siR_425239	2.127	0.01	-7.73267621	3.99E-18	**
siR_425269	1.6307	0.01	-7.34934759	4.61E-14	**
siR_42531	7.1609	3.5802	-1.00010074	8.31E-09	**
siR_42535	0.01	1.3053	7.02823761	1.15E-11	**
siR_425394	6.3101	0.01	-9.30151909	2.30E-52	**
siR_42540	0.01	1.7155	7.42248532	4.25E-15	**
siR_425420	6.3101	0.01	-9.30151909	2.30E-52	**
siR_42556	2.8714	0.8951	-1.68163355	5.74E-08	**
siR_42561	0.01	3.3192	8.37469175	1.60E-28	**
siR_42579	0.01	1.5663	7.29121675	7.54E-14	**
siR_4260	279.8065	119.7506	-1.22439659	0	**
siR_4261	3.155	1.1188	-1.49568785	1.70E-07	**
siR_42610	0.01	1.268	6.98641094	2.37E-11	**
siR_42625	0.01	2.6479	8.04870483	6.67E-23	**
siR_42627	1.8434	0.3729	-2.30550845	9.97E-08	**
siR_4265	28.6436	9.6964	-1.56269171	3.82E-60	**
siR_42653	1.4534	2.4614	0.76004732	0.007413163	
siR_42657	0.01	2.0885	7.70632333	3.21E-18	**
siR_4267	2.5878	1.4545	-0.83120283	0.00314582	
siR_42688	1.737	1.268	-0.45404301	0.159418817	
siR_4269	0.01	3.0954	8.27398204	1.20E-26	**
siR_42695	0.01	1.0069	6.6537766	3.63E-09	**
siR_42697	1.028	0.5594	-0.87788811	0.053501766	
siR_42707	16.6615	8.3165	-1.00246989	1.16E-18	**
siR_4273	2.4106	2.0139	-0.25940023	0.326361174	
siR_42744	0.01	8.5776	9.74443023	1.54E-72	**
siR_42749	0.01	1.1561	6.85312238	2.05E-10	**

siR_42765	1.4534	0.2984	-2.28411237	2.74E-06	**
siR_42789	5.7074	3.3937	-0.74997464	5.64E-05	
siR_42792	1.0989	0.3356	-1.71124549	0.000775199	**
siR_42799	1.4889	0.8951	-0.73412609	0.045190204	
siR_42802	0.01	1.1934	6.89893387	9.98E-11	**
siR_42806	0.01	2.6106	8.02823761	1.37E-22	**
siR_42808	1.3116	0.4102	-1.67692841	0.000282277	**
siR_42809	6.0974	1.7528	-1.7985328	8.98E-17	**
siR_42821	1.3116	0.7459	-0.81427367	0.04007629	
siR_42830	0.01	2.9089	8.18432989	4.35E-25	**
siR_42831	0.01	53.1811	12.3766979	0	**
siR_42836	0.01	14.7684	10.52829782	2.32E-124	**
siR_42837	0.01	7.7944	9.60629416	5.54E-66	**
siR_42842	0.01	2.9089	8.18432989	4.35E-25	**
siR_4285	2.7651	1.1561	-1.25806546	1.80E-05	**
siR_42851	0.01	106.735	13.38174571	0	**
siR_42867	0.01	1.1188	6.80580835	4.20E-10	**
siR_42869	0.01	2.0885	7.70632333	3.21E-18	**
siR_42875	0.01	6.974	9.44584255	4.08E-59	**
siR_42889	3.9349	2.3868	-0.72124929	0.001246308	
siR_4289	1.737	1.0069	-0.78667734	0.021426921	
siR_42895	5.0693	4.7363	-0.09802608	0.57933751	
siR_42897	21.8726	5.1838	-2.07704276	1.11E-67	**
siR_42899	2.9069	1.8274	-0.66968898	0.009442737	
siR_42911	2.1979	0.4475	-2.29616616	6.09E-09	**
siR_42914	2.5524	3.6175	0.50313858	0.02441821	
siR_42917	32.614	29.3503	-0.15211614	0.029823089	
siR_42922	0.01	28.3806	11.47068937	2.63E-238	**
siR_42923	0.01	4.2888	8.74443023	1.22E-36	**
siR_42934	0.01	63.6233	12.63533949	0	**
siR_42935	0.01	3.6548	8.51364865	2.48E-31	**
siR_42936	0.01	1.6036	7.32517051	3.67E-14	**
siR_42943	2.8005	1.5663	-0.83832386	0.001962838	
siR_42948	0.01	2.536	7.98641094	5.76E-22	**
siR_42957	1.1698	0.5221	-1.16386383	0.009288174	**
siR_42968	1.0989	0.4848	-1.1805985	0.010852128	*
siR_42978	1.2407	1.3426	0.11387523	0.738692997	
siR_42983	0.01	1.9393	7.59939219	5.69E-17	**
siR_42988	10.7768	5.8551	-0.88016314	2.05E-10	
siR_42999	0.01	1.6036	7.32517051	3.67E-14	**
siR_43009	0.01	1.3426	7.06888574	5.63E-12	**
siR_43011	0.01	1.8647	7.54279973	2.40E-16	**
siR_43013	0.01	5.4076	9.07884463	5.28E-46	**
siR_43020	38.1442	25.9192	-0.55744252	1.03E-15	
siR_43025	27.1192	18.1248	-0.58134954	2.15E-12	
siR_43032	0.01	3.5056	8.45351758	4.40E-30	**
siR_43034	1.6661	1.268	-0.39392025	0.2272645	

siR_43045	13.5773	5.8178	-1.22265101	9.53E-21	**
siR_43050	38.1087	28.1569	-0.43663189	1.40E-10	
siR_43056	0.01	1.7155	7.42248532	4.25E-15	**
siR_43063	0.01	1.529	7.2564446	1.55E-13	**
siR_43079	2.0561	0.7832	-1.39245776	6.63E-05	**
siR_43082	2.2333	0.2611	-3.0965027	5.26E-12	**
siR_4309	27.4737	22.0034	-0.32032475	4.55E-05	
siR_43103	0.01	1.1561	6.85312238	2.05E-10	**
siR_43141	1.7016	0.2238	-2.92661	5.36E-09	**
siR_43143	21.3409	3.0954	-2.78542326	1.16E-92	**
siR_43145	7.9762	1.3053	-2.61132016	2.55E-33	**
siR_43147	1.1698	0.0746	-3.97094245	4.33E-08	**
siR_43149	4.1831	0.634	-2.72201774	6.32E-19	**
siR_43164	0.01	1.1934	6.89893387	9.98E-11	**
siR_43175	0.01	4.2515	8.73182813	2.51E-36	**
siR_43176	0.01	1.3426	7.06888574	5.63E-12	**
siR_43183	14.9599	8.4657	-0.82139926	1.60E-12	
siR_43188	2.6233	0.5967	-2.13630512	1.16E-09	**
siR_4319	1.2053	1.4172	0.23365109	0.493306632	
siR_43196	0.01	1.1934	6.89893387	9.98E-11	**
siR_4324	1.5243	1.268	-0.26559212	0.42675703	
siR_43245	6.8064	9.6218	0.49941487	0.000261501	
siR_43248	22.5816	16.9687	-0.41227167	2.85E-06	
siR_43251	8.9334	6.974	-0.357223	0.010085386	
siR_43257	15.9879	2.2749	-2.81310542	1.48E-70	**
siR_43258	4.7148	0.5967	-2.98211889	4.16E-23	**
siR_43262	0.01	5.706	9.15633594	1.68E-48	**
siR_43269	1.9852	0.3356	-2.56446974	3.95E-09	**
siR_43291	1.2053	0.2611	-2.20671792	3.06E-05	**
siR_43294	0.01	1.6409	7.35834351	1.79E-14	**
siR_43304	2.5524	2.1258	-0.26384857	0.304432269	
siR_43305	0.01	1.902	7.57137344	1.17E-16	**
siR_43307	0.709	1.0815	0.60917613	0.145996817	
siR_43310	0.01	2.8716	8.16571099	8.93E-25	**
siR_43312	1.3471	1.268	-0.08730221	0.802228468	
siR_43313	16.7678	15.3651	-0.12603626	0.195139591	
siR_43314	1.3116	0.634	-1.04877306	0.011177638	*
siR_43318	0.01	5.072	8.98641094	3.41E-43	**
siR_43330	1.5243	0.2611	-2.54547251	3.07E-07	**
siR_43332	33.5002	16.4466	-1.02638034	2.90E-37	**
siR_43339	0.01	5.967	9.22086197	1.10E-50	**
siR_43341	1.028	0.634	-0.69728552	0.113380175	
siR_43352	0.01	1.9393	7.59939219	5.69E-17	**
siR_43368	0.01	3.0954	8.27398204	1.20E-26	**
siR_4337	3.1905	1.6036	-0.99246821	0.000138718	
siR_43428	1.028	1.3053	0.34454116	0.342702363	
siR_43429	3.3677	1.7155	-0.9731345	0.000116767	

siR_43438	1. 5243	0. 5967	-1. 35306919	0. 000806564	**
siR_43439	1. 3825	0. 5594	-1. 30532732	0. 001931693	**
siR_43440	1. 8788	0. 2611	-2. 84713714	1. 41E-09	**
siR_43442	2. 0206	0. 4475	-2. 17482417	7. 15E-08	**
siR_43451	1. 8079	1. 1561	-0. 64504869	0. 048445034	
siR_43458	0. 01	1. 1188	6. 80580835	4. 20E-10	**
siR_43460	0. 01	1. 4545	7. 18437949	6. 51E-13	**
siR_43463	0. 01	2. 0139	7. 65384824	1. 35E-17	**
siR_43468	0. 01	27. 0381	11. 40077806	4. 55E-227	**
siR_43469	0. 01	1. 0815	6. 75688986	8. 62E-10	**
siR_43481	0. 9926	1. 0069	0. 02063605	0. 954446317	
siR_43499	39. 8812	3. 2819	-3. 60310563	7. 71E-219	**
siR_43552	1. 5598	0. 3729	-2. 06450035	4. 98E-06	**
siR_43570	2. 446	0. 5594	-2. 12847225	4. 66E-09	**
siR_43574	0. 01	1. 4918	7. 22091032	3. 17E-13	**
siR_43580	0. 01	4. 065	8. 66711154	9. 14E-35	**
siR_43586	0. 01	1. 1188	6. 80580835	4. 20E-10	**
siR_43589	1. 2407	0. 4848	-1. 35569271	0. 002535804	**
siR_43594	49. 1691	33. 6764	-0. 54601403	3. 85E-19	
siR_43595	5. 1402	4. 1396	-0. 31233312	0. 085948439	
siR_43639	2. 6587	1. 4545	-0. 8701977	0. 001852485	
siR_43694	0. 01	4. 9974	8. 96503389	1. 43E-42	**
siR_43704	0. 4254	1. 1188	1. 39506022	0. 003209893	**
siR_43728	20. 9155	3. 6548	-2. 51670812	2. 13E-81	**
siR_43767	1. 6307	1. 0069	-0. 69557098	0. 045385302	
siR_43773	1. 9497	0. 9696	-1. 00779055	0. 002643244	**
siR_43816	15. 6334	12. 4562	-0. 32776756	0. 001679906	
siR_43818	10. 4932	6. 5637	-0. 6768735	5. 78E-07	
siR_43847	5. 1048	4. 3261	-0. 23878742	0. 185242147	
siR_43857	1. 3116	0. 5967	-1. 13625012	0. 006797934	**
siR_43860	1. 1698	0. 0373	-4. 97094246	4. 79E-09	**
siR_43865	4. 0413	1. 1188	-1. 85286729	5. 23E-12	**
siR_43866	21. 0218	7. 0485	-1. 57649803	3. 78E-45	**
siR_43868	1. 3116	0. 4475	-1. 55136822	0. 000594069	**
siR_43883	5. 5302	3. 8786	-0. 51179566	0. 004801607	
siR_439	1. 4889	0. 7459	-0. 99719273	0. 009388402	
siR_43927	1. 4534	0. 5221	-1. 47703375	0. 000479018	**
siR_43940	2. 9778	1. 3426	-1. 14921731	3. 39E-05	**
siR_43950	1. 028	0. 4102	-1. 32544087	0. 007079856	**
siR_43963	1. 3116	0. 5221	-1. 32892974	0. 002215935	**
siR_43970	3. 155	1. 6409	-0. 94315268	0. 000281202	
siR_43974	1. 8079	0. 8578	-1. 07560166	0. 002277255	**
siR_43978	39. 2431	25. 2107	-0. 63840283	3. 95E-20	
siR_43981	1. 3471	0. 7459	-0. 85280282	0. 030399374	
siR_43983	5. 2111	1. 8647	-1. 4826444	2. 19E-11	**
siR_43986	1. 028	0. 5221	-0. 9774422	0. 034659916	
siR_440	1. 0989	0. 2611	-2. 07338574	0. 000132441	**

siR_44073	0.01	3.0581	8.25649177	2.46E-26	**
siR_44130	2.446	2.536	0.05213034	0.831108773	
siR_44144	2.3751	1.1188	-1.0860361	0.00041126	**
siR_44147	1.7725	0.2238	-2.98550369	1.76E-09	**
siR_44153	1.1344	0.5221	-1.11953137	0.013060942	*
siR_44157	1.1344	0.5594	-1.01997728	0.02136103	*
siR_44226	1.8079	0.7459	-1.27726075	0.000470054	**
siR_44227	1.737	0.5967	-1.54152007	7.89E-05	**
siR_44237	1.2407	0.4848	-1.35569271	0.002535804	**
siR_4429	2.3751	1.0815	-1.13495459	0.000251908	**
siR_44301	1.8788	0.4475	-2.06985191	4.88E-07	**
siR_44307	1.3116	0.2984	-2.13600837	1.97E-05	**
siR_44320	5.4593	2.2003	-1.31101574	4.32E-10	**
siR_44322	139.3183	19.6912	-2.82276184	0	**
siR_44323	1.5952	0.1492	-3.41841787	1.28E-09	**
siR_44365	2.7296	0.8951	-1.60856878	2.99E-07	**
siR_44384	4.0058	0.634	-2.65953565	9.12E-18	**
siR_44402	1.0989	0.5967	-0.88098242	0.045030158	
siR_44453	1.2053	0.2984	-2.01407284	8.31E-05	**
siR_44454	2.5878	0.5221	-2.30932806	2.29E-10	**
siR_44457	5.4593	1.5663	-1.80135541	3.39E-15	**
siR_44459	0.01	3.5802	8.48389637	1.05E-30	**
siR_44495	1.1698	0.4848	-1.27080029	0.005319168	**
siR_44518	2.7651	1.8274	-0.5975392	0.022212355	
siR_44522	3.1196	0.8951	-1.80124028	2.90E-09	**
siR_44523	4.6085	1.3053	-1.81991583	3.28E-13	**
siR_44528	0.01	7.4215	9.535567	7.33E-63	**
siR_44530	0.01	3.2446	8.34189682	6.75E-28	**
siR_44573	9.0752	2.6852	-1.75689989	1.60E-23	**
siR_44600	4.6085	0.8205	-2.48972201	6.74E-19	**
siR_4462	1.2053	1.1188	-0.10744012	0.77139317	
siR_44637	1.8434	0.5221	-1.81997109	4.74E-06	**
siR_44639	3.1196	1.7901	-0.80132087	0.001658621	
siR_44642	1.4889	0.2611	-2.5115725	5.19E-07	**
siR_44669	2.3397	1.268	-0.88376881	0.003116844	
siR_4468	2.3397	1.9766	-0.24330261	0.363297792	
siR_44690	9.0043	12.0459	0.41985616	0.000497259	
siR_44704	5.2111	2.0885	-1.3191208	8.97E-10	**
siR_44744	1.2053	1.4172	0.23365109	0.493306632	
siR_44745	2.5524	1.9766	-0.36883349	0.158468844	
siR_44747	2.4815	1.0442	-1.24881439	5.43E-05	**
siR_44749	2.0561	1.268	-0.69735569	0.024014279	
siR_44750	1.8434	0.1865	-3.30512162	1.16E-10	**
siR_44754	12.2302	6.34	-0.94789325	5.61E-13	
siR_44759	2.4106	0.6713	-1.84436273	1.20E-07	**
siR_44766	2.9778	2.0512	-0.53777869	0.030844904	
siR_44769	0.01	1.0069	6.6537766	3.63E-09	**

siR_44771	2.836	0.8205	-1.78928229	1.79E-08	**
siR_44786	3.7577	3.6175	-0.05485688	0.789071117	
siR_44788	1.8788	1.529	-0.29722309	0.324937651	
siR_44799	0.01	1.1561	6.85312238	2.05E-10	**
siR_44800	0.01	1.1188	6.80580835	4.20E-10	**
siR_44807	3.0487	1.3053	-1.22381277	1.03E-05	**
siR_44815	0.01	5.3703	9.06885887	1.08E-45	**
siR_44853	4.9275	2.8716	-0.77900107	0.00011081	
siR_44857	1.3825	0.5967	-1.2122018	0.003421985	**
siR_44858	1.1698	0.4848	-1.27080029	0.005319168	**
siR_44865	10.3159	7.6079	-0.4392995	0.000800429	
siR_4487	1.7016	1.7901	0.07314824	0.802329433	
siR_4488	1.028	1.4918	0.53721387	0.126418891	
siR_44880	4.7857	5.4076	0.17625848	0.306885517	
siR_44886	0.01	2.797	8.12773644	3.76E-24	**
siR_44904	0.01	1.0069	6.6537766	3.63E-09	**
siR_44911	0.01	42.6642	12.05881028	0	**
siR_44918	16.5197	17.6773	0.09771045	0.29895328	
siR_44923	68.5602	75.2217	0.13377759	0.003566218	
siR_44937	27.9346	41.1724	0.55962439	5.26E-17	
siR_44938	2.1624	1.3799	-0.6480697	0.029964195	
siR_44944	7.5508	9.4353	0.32143889	0.016408402	
siR_44945	0.7799	1.3426	0.78366849	0.043028294	
siR_44949	0.01	1.1561	6.85312238	2.05E-10	**
siR_44955	2.446	1.1561	-1.08115821	0.000353165	**
siR_44978	0.01	2.9835	8.22086197	1.03E-25	**
siR_44982	1.1344	0.5967	-0.92685176	0.033495577	
siR_45002	0.01	1.529	7.2564446	1.55E-13	**
siR_45005	0.01	1.7528	7.45351758	2.07E-15	**
siR_45027	2.5878	1.3799	-0.9071624	0.001471061	
siR_45038	0.01	2.3122	7.85312238	4.30E-20	**
siR_45042	1.3825	0.6713	-1.04224993	0.00950628	**
siR_45044	25.524	7.9436	-1.68398956	1.11E-59	**
siR_45046	1.737	0.3729	-2.21973705	4.42E-07	**
siR_45062	0.01	1.0815	6.75688986	8.62E-10	**
siR_4507	1.5598	0.2984	-2.38604162	6.01E-07	**
siR_45078	1.1698	0.1865	-2.64901436	5.05E-06	**
siR_45081	1.6661	0.5967	-1.48139731	0.000174482	**
siR_45086	3.1196	1.268	-1.29880631	2.97E-06	**
siR_45110	3.6868	2.0139	-0.87237711	0.000233469	
siR_45114	7.6926	2.5733	-1.57985163	1.47E-17	**
siR_45116	1.8079	0.5967	-1.5992372	3.50E-05	**
siR_4512	53.6712	48.5566	-0.14448074	0.008019573	
siR_45128	2.5878	1.8647	-0.47278258	0.07376182	
siR_45159	5.7074	1.8274	-1.64304122	4.33E-14	**
siR_4516	2.0206	2.2376	0.14716841	0.580970201	
siR_45166	10.2096	4.5499	-1.1660196	6.27E-15	**

siR_45170	10.245	6.7502	-0.60191783	8.59E-06	
siR_45178	1.2407	0.2238	-2.47087237	6.03E-06	**
siR_45195	0.01	1.1934	6.89893387	9.98E-11	**
siR_45219	1.4889	0.4848	-1.61878526	0.000157192	**
siR_45242	2.3751	3.0954	0.3821376	0.106444303	
siR_45243	2.1624	1.8647	-0.21368987	0.440810144	
siR_45244	1.3471	1.8647	0.46908659	0.130464932	
siR_4525	0.01	4.2142	8.71911497	5.16E-36	**
siR_45288	0.01	1.5663	7.29121675	7.54E-14	**
siR_45296	1.737	0.1492	-3.54127831	1.20E-10	**
siR_4530	0.01	1.8274	7.51364865	4.92E-16	**
siR_45307	3.0841	0.7459	-2.04779541	1.28E-10	**
siR_45311	15.4916	7.7571	-0.99789685	2.44E-17	
siR_45327	3.7222	2.536	-0.55360083	0.013106416	
siR_45360	0.01	7.3096	9.51364865	6.33E-62	**
siR_45370	1.5952	0.5221	-1.61133925	9.52E-05	**
siR_45412	0.01	3.3192	8.37469175	1.60E-28	**
siR_45413	0.01	2.3122	7.85312238	4.30E-20	**
siR_45419	0.01	12.0832	10.23878686	6.96E-102	**
siR_45467	1.1698	0.5221	-1.16386383	0.009288174	**
siR_45485	2.0206	0.1865	-3.43753622	6.27E-12	**
siR_45508	1.1344	0.3729	-1.60506874	0.001091833	**
siR_45569	1.4889	0.4102	-1.85984746	3.15E-05	**
siR_45669	0.01	1.5663	7.29121675	7.54E-14	**
siR_45673	4.0058	1.6036	-1.32077607	7.83E-08	**
siR_45685	2.5524	0.2984	-3.096535	1.52E-13	**
siR_45686	3.0132	0.9696	-1.63583483	4.97E-08	**
siR_45724	10.0323	2.6479	-1.92173185	5.43E-29	**
siR_45770	1.3471	0.3356	-2.00504233	3.25E-05	**
siR_45798	4.573	1.7155	-1.41451179	1.45E-09	**
siR_45801	0.01	12.307	10.26526341	9.32E-104	**
siR_45804	1.3116	0.5594	-1.22937565	0.003968625	**
siR_45810	3.4386	1.0815	-1.66878764	3.36E-09	**
siR_45844	11.4149	1.7155	-2.73421719	2.29E-49	**
siR_45850	1.5598	0.8578	-0.86264784	0.018456429	
siR_45860	25.2049	9.771	-1.3671261	7.65E-44	**
siR_45862	1.3471	0.2984	-2.17453751	1.21E-05	**
siR_45864	0.01	1.3426	7.06888574	5.63E-12	**
siR_45867	8.6498	2.1258	-2.0246609	6.88E-27	**
siR_45869	8.827	1.1561	-2.932657	2.47E-41	**
siR_45881	2.5169	0.0746	-5.07632845	1.70E-18	**
siR_45885	0.01	1.8274	7.51364865	4.92E-16	**
siR_45892	1.8434	0.1865	-3.30512162	1.16E-10	**
siR_45899	0.01	1.0442	6.70625425	1.77E-09	**
siR_45928	0.01	1.0069	6.6537766	3.63E-09	**
siR_45937	2.0561	1.6782	-0.29299577	0.30933143	
siR_45944	5.9201	3.5056	-0.75596016	3.62E-05	

siR_45947	3. 6513	0. 7086	-2. 36536684	1. 86E-14	**
siR_45948	2. 3397	0. 2984	-2. 97100412	4. 43E-12	**
siR_45957	1. 0635	0. 1119	-3. 24853809	1. 55E-06	**
siR_45972	35. 0246	1. 1561	-4. 92103048	6. 65E-238	**
siR_46017	1. 9852	0. 8578	-1. 21057114	0. 000435901	**
siR_46022	5. 672	2. 797	-1. 01997728	1. 90E-07	**
siR_46036	0. 709	2. 6106	1. 88052389	1. 90E-08	**
siR_46067	1. 2407	0. 1865	-2. 73390678	1. 71E-06	**
siR_46095	3. 7222	0. 4475	-3. 05619599	6. 07E-19	**
siR_46096	3. 6513	0. 2238	-4. 02812827	4. 06E-23	**
siR_46098	4. 1831	0. 1865	-4. 48732495	3. 83E-28	**
siR_46101	6. 5228	2. 2376	-1. 54353923	1. 18E-14	**
siR_46164	2. 4106	1. 6782	-0. 52247762	0. 058796279	
siR_46206	1. 0635	0. 6713	-0. 66379049	0. 122925287	
siR_46238	0. 01	6. 5637	9. 35836549	1. 11E-55	**
siR_46250	0. 01	3. 0208	8. 23878686	5. 04E-26	**
siR_46252	0. 01	1. 4545	7. 18437949	6. 51E-13	**
siR_46273	0. 01	2. 0512	7. 68032436	6. 59E-18	**
siR_46286	1. 2407	0. 4848	-1. 35569271	0. 002535804	**
siR_46314	17. 6541	2. 2749	-2. 95612824	9. 75E-82	**
siR_46321	24. 7441	4. 699	-2. 3966589	9. 14E-91	**
siR_46433	1. 6307	1. 3053	-0. 32110997	0. 324401041	
siR_46436	2. 8714	1. 0815	-1. 40872065	1. 86E-06	**
siR_46438	1. 7725	0. 7832	-1. 17833296	0. 001154208	**
siR_46455	1. 6307	0. 5221	-1. 64309333	6. 28E-05	**
siR_46494	1. 5598	0. 7832	-0. 99390839	0. 007981012	
siR_46503	1. 3825	0. 1865	-2. 89003194	1. 90E-07	**
siR_46522	4. 9275	1. 7901	-1. 46081569	1. 23E-10	**
siR_46526	18. 3276	2. 5733	-2. 83232631	3. 30E-81	**
siR_46531	0. 01	1. 8274	7. 51364865	4. 92E-16	**
siR_46536	0. 01	1. 268	6. 98641094	2. 37E-11	**
siR_4658	1. 2407	0. 4475	-1. 47119473	0. 001326969	**
siR_46591	6. 1328	2. 2749	-1. 43074277	1. 51E-12	**
siR_46600	1. 1344	0. 634	-0. 83937469	0. 050540314	
siR_46632	2. 4106	0. 7086	-1. 76634891	2. 76E-07	**
siR_4668	9. 4297	4. 6244	-1. 02794568	1. 31E-11	**
siR_46704	19. 3911	6. 1162	-1. 66468716	4. 89E-45	**
siR_46710	1. 9143	0. 4848	-1. 98135534	7. 91E-07	**
siR_46730	0. 01	1. 268	6. 98641094	2. 37E-11	**
siR_46743	1. 3471	0. 5221	-1. 36745889	0. 001524084	**
siR_46794	2. 0206	0. 2611	-2. 95210939	1. 53E-10	**
siR_46807	0. 01	1. 1561	6. 85312238	2. 05E-10	**
siR_46826	1. 5598	0. 2611	-2. 57868669	1. 81E-07	**
siR_46829	5. 3884	2. 3495	-1. 19750318	7. 58E-09	**
siR_46844	0. 01	1. 529	7. 2564446	1. 55E-13	**
siR_46847	1. 3471	1. 268	-0. 08730221	0. 802228468	
siR_46850	11. 5921	4. 9601	-1. 22470083	5. 58E-18	**

siR_46898	1.1344	0.3729	-1.60506874	0.001091833	**
siR_46927	1.5598	0.7832	-0.99390839	0.007981012	
siR_46943	1.3471	0.4848	-1.47439535	0.000796247	**
siR_46944	6.6646	2.7225	-1.29158624	8.99E-12	**
siR_46958	4.7857	1.4545	-1.71820667	9.87E-13	**
siR_4697	6.4519	3.3937	-0.92686504	2.86E-07	
siR_46983	1.6661	1.0069	-0.72655458	0.035558339	
siR_46984	13.5419	6.3027	-1.10338827	8.27E-18	**
siR_46988	1.028	0.5967	-0.78476258	0.079326488	
siR_46989	2.7651	1.268	-1.12477691	8.67E-05	**
siR_46999	2.5878	1.0442	-1.30932806	1.89E-05	**
siR_47008	32.614	31.5506	-0.04782395	0.487062069	
siR_47012	45.4114	43.4101	-0.06502377	0.265941398	
siR_47016	59.6977	45.8715	-0.38007726	1.66E-12	
siR_47017	2.836	1.3053	-1.11947611	7.48E-05	**
siR_47020	11.3085	6.1908	-0.86920982	1.16E-10	
siR_47021	1.2407	0.5967	-1.05607663	0.013149564	*
siR_47029	3.1196	2.0512	-0.60489289	0.013995381	
siR_47051	1.5243	1.6782	0.13876779	0.651519675	
siR_47072	0.01	4.7363	8.88761665	2.20E-40	**
siR_47083	0.01	1.6782	7.39077085	8.72E-15	**
siR_4709	0.01	2.2749	7.82965932	8.83E-20	**
siR_47091	1.8434	1.1561	-0.67310296	0.038503841	
siR_47134	2.1624	0.8951	-1.27251264	0.000133458	**
siR_47141	0.01	3.1327	8.29126281	5.83E-27	**
siR_47164	1.8079	1.3053	-0.46993346	0.138286244	
siR_47181	1.7016	0.9696	-0.81143033	0.019405045	
siR_47193	2.3042	1.7901	-0.36422576	0.185737906	
siR_47203	1.4889	0.7832	-0.92679419	0.01451267	
siR_47207	64.5898	8.8014	-2.87550142	3.70E-286	**
siR_47228	3.2259	1.6036	-1.00838739	0.000103398	**
siR_47237	1.028	0.4848	-1.08437866	0.021479092	*
siR_47256	0.01	1.7528	7.45351758	2.07E-15	**
siR_4726	2.7296	1.1934	-1.19361187	4.34E-05	**
siR_47272	1.2407	0.4475	-1.47119473	0.001326969	**
siR_47277	1.0635	0.5967	-0.83374235	0.060029399	
siR_47295	0.01	2.0139	7.65384824	1.35E-17	**
siR_47297	2.4815	1.0069	-1.30129204	3.08E-05	**
siR_47359	0.01	1.4172	7.14689956	1.34E-12	**
siR_47367	1.2407	0.1492	-3.05583488	4.15E-07	**
siR_47368	4.8566	0.4848	-3.32448506	3.52E-26	**
siR_47369	2.0561	0.3729	-2.46304973	4.71E-09	**
siR_47370	61.8956	46.3936	-0.41591106	5.38E-15	
siR_47392	1.2762	0.1492	-3.096535	2.35E-07	**
siR_47409	0.01	6.5637	9.35836549	1.11E-55	**
siR_47422	0.01	1.4545	7.18437949	6.51E-13	**
siR_47449	0.01	1.6782	7.39077085	8.72E-15	**

siR_47487	0.01	1.0815	6.75688986	8.62E-10	**
siR_47536	5.0693	5.6314	0.15170708	0.367334097	
siR_47539	7.8699	7.5707	-0.0559186	0.691299256	
siR_47543	2.1979	2.4987	0.18505195	0.466673918	
siR_47554	18.1149	9.3981	-0.94673582	1.80E-18	
siR_47590	3.0841	4.065	0.39840581	0.054304394	
siR_47641	6.3455	1.7155	-1.88710472	1.80E-18	**
siR_47658	0.01	2.536	7.98641094	5.76E-22	**
siR_4772	39.4912	6.5264	-2.59717189	1.41E-157	**
siR_47721	2.127	1.3426	-0.66379049	0.027915253	
siR_47723	6.0265	3.0208	-0.9963897	1.38E-07	
siR_47724	1.2407	0.9696	-0.35569271	0.345463017	
siR_47747	1.028	0.2984	-1.78452082	0.000827671	**
siR_4776	1.028	0.0373	-4.78452082	6.17E-08	**
siR_47764	8.0117	13.7987	0.78435205	6.20E-11	
siR_47768	32.7203	18.3859	-0.83158618	4.25E-26	
siR_47809	6.9836	8.4657	0.27765844	0.047889514	
siR_47845	0.01	1.268	6.98641094	2.37E-11	**
siR_47861	39.1722	31.5506	-0.31216271	2.01E-06	
siR_47865	12.053	2.8343	-2.0883279	2.73E-38	**
siR_47879	0.0354	1.6782	5.56702149	2.14E-13	**
siR_4788	0.01	1.3426	7.06888574	5.63E-12	**
siR_4790	1.9497	2.2003	0.17444809	0.518783978	
siR_47900	3.0132	0.9696	-1.63583483	4.97E-08	**
siR_47902	1.5598	0.5594	-1.4794089	0.000288819	**
siR_47921	6.9127	2.9462	-1.23039395	2.23E-11	**
siR_47937	8.6143	5.2957	-0.70191217	2.95E-06	
siR_48	0.01	1.4545	7.18437949	6.51E-13	**
siR_48034	1.1698	0.4102	-1.5118625	0.001486275	**
siR_48040	0.01	1.0069	6.6537766	3.63E-09	**
siR_48044	0.01	5.6687	9.14687411	3.45E-48	**
siR_48048	0.01	3.1327	8.29126281	5.83E-27	**
siR_48050	0.01	1.8647	7.54279973	2.40E-16	**
siR_48101	0.01	1.8647	7.54279973	2.40E-16	**
siR_48146	1.5243	0.5594	-1.44619471	0.000426884	**
siR_48168	3.155	0.8578	-1.87892678	7.98E-10	**
siR_48172	5.672	2.8716	-0.98200273	4.46E-07	
siR_48178	1.028	0.2238	-2.19955832	0.000127871	**
siR_4819	0.01	4.3634	8.76930892	2.91E-37	**
siR_48194	1.9143	1.1561	-0.72755075	0.023907693	
siR_48197	1.6307	2.9089	0.83498231	0.00158414	
siR_48227	0.01	1.0815	6.75688986	8.62E-10	**
siR_48254	1.4534	0.2611	-2.47675745	8.75E-07	**
siR_48271	0.01	5.1838	9.01786625	3.94E-44	**
siR_48285	0.01	1.1188	6.80580835	4.20E-10	**
siR_48318	4.7857	2.0512	-1.22226179	3.18E-08	**
siR_48327	1.5952	0.7459	-1.09668318	0.00363773	**

siR_4837	3.1196	5.1838	0.732649	0.000161661	
siR_484	1.3116	0.4848	-1.4358662	0.001178471	**
siR_48491	6.9127	3.431	-1.01062019	1.13E-08	**
siR_48506	5.991	3.6175	-0.72780382	5.81E-05	
siR_48516	1.2053	0.6713	-0.84436273	0.042610765	
siR_48558	1.1698	0.3729	-1.64940119	0.000716423	**
siR_48560	18.1504	12.3443	-0.55615631	3.38E-08	
siR_48565	1.7016	1.2307	-0.46741281	0.152751652	
siR_48606	5.6365	3.804	-0.56728235	0.001774789	
siR_48608	8.5789	6.3773	-0.42784693	0.002857136	
siR_48611	1.9497	1.3053	-0.57887073	0.062635311	
siR_48617	1.8079	1.0442	-0.79191682	0.018215001	
siR_48621	3.8286	2.9462	-0.37796157	0.076551488	
siR_48639	3.2259	1.3799	-1.225138	5.58E-06	**
siR_48719	1.9497	0.7086	-1.46020878	5.73E-05	**
siR_48793	0.01	1.1934	6.89893387	9.98E-11	**
siR_48810	5.6365	2.6106	-1.11041817	2.63E-08	**
siR_48820	1.8079	0.6713	-1.42928533	0.000138786	**
siR_48837	3.0132	1.1188	-1.42934428	7.85E-07	**
siR_48862	12.7265	9.137	-0.47804325	5.67E-05	
siR_48874	1.418	0.8578	-0.72514431	0.053278736	
siR_48879	3.0487	0.8951	-1.76807342	6.89E-09	**
siR_48892	2.127	0.4102	-2.37442064	5.43E-09	**
siR_48927	0.01	2.6852	8.06888574	3.25E-23	**
siR_48934	3.7577	2.4614	-0.61037076	0.006504656	
siR_48938	7.9053	3.0581	-1.37018463	7.37E-15	**
siR_48948	0.01	1.7155	7.42248532	4.25E-15	**
siR_48950	1.3471	0.634	-1.08730221	0.008088456	**
siR_48955	1.7725	1.4172	-0.32274226	0.301459607	
siR_48956	51.2606	18.2367	-1.49100567	2.98E-99	**
siR_48996	2.3397	2.4241	0.05112566	0.837700405	
siR_48997	16.8742	7.3469	-1.19961156	1.05E-24	**
siR_49015	3.2259	4.5126	0.48425719	0.015177842	
siR_49017	2.0915	2.0512	-0.02806983	0.920066067	
siR_49033	0.01	1.268	6.98641094	2.37E-11	**
siR_49039	0.01	5.9297	9.21181531	2.25E-50	**
siR_49050	0.01	1.1561	6.85312238	2.05E-10	**
siR_4906	4.8921	2.8343	-0.78746142	0.000101244	
siR_49066	1.8079	0.8578	-1.07560166	0.002277255	**
siR_49091	2.446	0.3729	-2.7135637	1.42E-11	**
siR_49100	1.4534	0.634	-1.19687707	0.002948104	**
siR_49170	1.8434	0.6713	-1.45733961	9.44E-05	**
siR_49225	0.01	2.5733	8.00747585	2.81E-22	**
siR_49244	6.3455	2.7225	-1.2208018	1.90E-10	**
siR_49253	1.4534	1.0442	-0.47703375	0.178870443	
siR_49282	1.6307	1.3426	-0.28046185	0.386202334	
siR_49283	2.127	1.1188	-0.92686787	0.0033742	

siR_49284	1. 1698	1. 3426	0. 19876765	0. 567969601	
siR_49286	11. 5212	14. 6938	0. 35091655	0. 001140833	
siR_49289	0. 01	22. 6747	11. 14686775	1. 52E-190	**
siR_49301	1. 418	0. 5221	-1. 44145947	0. 000708453	**
siR_49331	1. 5598	1. 1188	-0. 4794089	0. 1615353	
siR_49336	0. 01	2. 6852	8. 06888574	3. 25E-23	**
siR_49339	7. 8699	4. 1396	-0. 92685393	1. 42E-08	
siR_49342	8. 5434	5. 5195	-0. 63027275	2. 31E-05	
siR_49346	1. 5952	0. 9323	-0. 77487114	0. 029704074	
siR_49359	1. 4534	0. 5967	-1. 28435413	0. 001680536	**
siR_49373	3. 2614	0. 8951	-1. 86537062	5. 01E-10	**
siR_49414	0. 01	9. 9202	9. 9542254	8. 89E-84	**
siR_49417	0. 01	2. 2376	7. 80580835	1. 81E-19	**
siR_49421	0. 01	1. 4918	7. 22091032	3. 17E-13	**
siR_49423	0. 01	5. 9297	9. 21181531	2. 25E-50	**
siR_49431	0. 01	4. 0277	8. 65381242	1. 88E-34	**
siR_49433	0. 01	1. 0069	6. 6537766	3. 63E-09	**
siR_4944	0. 9926	1. 0069	0. 02063605	0. 954446317	
siR_49456	1. 4534	0. 8205	-0. 82485657	0. 028682588	
siR_49477	1. 737	0. 8205	-1. 08202252	0. 002661787	**
siR_49484	17. 9731	4. 0277	-2. 15781113	1. 30E-58	**
siR_49485	1. 8788	0. 2984	-2. 65449206	5. 42E-09	**
siR_49487	1. 0635	0. 2611	-2. 02614567	0. 000213675	**
siR_49494	2. 3397	0. 9323	-1. 32745738	4. 00E-05	**
siR_49495	2. 3751	0. 7832	-1. 60053559	1. 96E-06	**
siR_49496	1. 4534	0. 2984	-2. 28411237	2. 74E-06	**
siR_49507	1. 0635	0. 4848	-1. 13335843	0. 015328041	*
siR_49514	46. 2976	23. 9427	-0. 95135156	4. 74E-45	
siR_49517	1. 0635	0. 2238	-2. 24853809	7. 77E-05	**
siR_4955	1. 0635	1. 0069	-0. 07889962	0. 841808282	
siR_49555	1. 4534	0. 3356	-2. 11461719	7. 80E-06	**
siR_49559	1. 5952	0. 5967	-1. 41865963	0. 000378908	**
siR_49564	0. 9217	1. 0069	0. 12755125	0. 746667492	
siR_49568	1. 028	0. 3356	-1. 61502564	0. 001825058	**
siR_49588	0. 01	2. 163	7. 75688986	7. 63E-19	**
siR_4960	1. 1344	0. 7832	-0. 53447677	0. 189070882	
siR_49652	2. 5169	0. 4475	-2. 49168831	6. 27E-11	**
siR_49665	8. 0826	7. 6079	-0. 08732117	0. 531453734	
siR_49692	1. 1698	1. 1188	-0. 06430974	0. 864211392	
siR_4973	0. 01	1. 4545	7. 18437949	6. 51E-13	**
siR_49780	3. 6513	2. 0512	-0. 83194204	0. 000436453	
siR_49789	0. 01	1. 3426	7. 06888574	5. 63E-12	**
siR_49793	0. 01	1. 529	7. 2564446	1. 55E-13	**
siR_49808	3. 0841	1. 6782	-0. 87793488	0. 000723099	
siR_49810	3. 155	1. 9393	-0. 70210401	0. 004796721	
siR_49824	5. 9201	1. 4918	-1. 98856741	1. 81E-18	**
siR_49845	0. 5317	1. 0442	0. 97371369	0. 032467048	

siR_49852	1. 0635	0. 2611	-2. 02614567	0. 000213675	**
siR_49854	0. 01	3. 3937	8. 40671523	3. 81E-29	**
siR_49878	2. 5169	2. 0885	-0. 26918075	0. 298578358	
siR_49892	4. 5376	0. 4102	-3. 46753004	2. 03E-25	**
siR_49899	1. 0635	0. 1492	-2. 83350059	6. 84E-06	**
siR_4993	4. 8921	2. 4987	-0. 9692762	3. 56E-06	
siR_49943	1. 418	0. 9323	-0. 60499136	0. 099700314	
siR_49975	4. 8212	0. 6713	-2. 84436273	1. 47E-22	**
siR_49984	0. 01	5. 706	9. 15633594	1. 68E-48	**
siR_50006	3. 7577	0. 4475	-3. 06989031	3. 45E-19	**
siR_50035	1. 2762	0. 4475	-1. 51189485	0. 000890445	**
siR_50056	22. 7943	8. 1301	-1. 4873281	5. 88E-45	**
siR_50140	1. 0989	0. 2238	-2. 29577817	4. 70E-05	**
siR_5016	1. 0989	0. 5221	-1. 07366204	0. 018227899	*
siR_50167	2. 2688	0. 0746	-4. 92660999	1. 50E-16	**
siR_5018	0. 01	10. 405	10. 02306125	7. 77E-88	**
siR_50193	1. 6661	1. 3426	-0. 31144545	0. 333016329	
siR_50233	0. 01	1. 8274	7. 51364865	4. 92E-16	**
siR_5024	2. 446	2. 0139	-0. 28043236	0. 286735608	
siR_50245	0. 01	4. 3634	8. 76930892	2. 91E-37	**
siR_50248	20. 3837	7. 6825	-1. 40776818	2. 52E-37	**
siR_50263	3. 8995	2. 9462	-0. 40443378	0. 056910307	
siR_50327	19. 143	11. 2627	-0. 76526421	5. 41E-14	
siR_50339	1. 3825	0. 7086	-0. 96423611	0. 014998473	
siR_50342	66. 5396	43. 4846	-0. 61370863	7. 00E-31	
siR_50359	25. 9494	5. 333	-2. 28268195	8. 58E-90	**
siR_50371	1. 7725	1. 0815	-0. 71275196	0. 032912649	
siR_50383	14. 7117	12. 0459	-0. 28842178	0. 006935137	
siR_50389	4. 5021	3. 9904	-0. 17406473	0. 359546242	
siR_50400	1. 0989	1. 3799	0. 32850361	0. 350747427	
siR_50471	0. 01	2. 2376	7. 80580835	1. 81E-19	**
siR_50499	3. 5095	3. 0581	-0. 19862992	0. 358468191	
siR_50519	3. 0841	4. 7363	0. 61891092	0. 001895693	
siR_50522	4. 6085	0. 6713	-2. 7792677	3. 84E-21	**
siR_50532	0. 01	1. 0069	6. 6537766	3. 63E-09	**
siR_50542	0. 01	3. 5429	8. 46878694	2. 15E-30	**
siR_50550	1. 9143	0. 5221	-1. 87441888	1. 95E-06	**
siR_50564	11. 344	3. 17	-1. 83937469	8. 41E-31	**
siR_50572	0. 01	8. 8014	9. 78158921	2. 06E-74	**
siR_50573	0. 01	2. 3495	7. 87620996	2. 10E-20	**
siR_50582	0. 01	20. 5862	11. 00746183	4. 63E-173	**
siR_50589	0. 01	9. 5845	9. 90455936	5. 73E-81	**
siR_50590	0. 01	1. 1188	6. 80580835	4. 20E-10	**
siR_50596	0. 01	30. 8047	11. 58893477	1. 34E-258	**
siR_50597	0. 01	7. 6452	9. 57841043	9. 81E-65	**
siR_50605	0. 01	5. 0347	8. 97576201	6. 99E-43	**
siR_50659	3. 3677	2. 797	-0. 26788337	0. 230570699	

siR_5071	2.8005	1.6036	-0.80437011	0.002806815	
siR_50778	2.2688	2.4987	0.13924826	0.580408532	
siR_50785	4.0767	1.6782	-1.28048713	1.22E-07	**
siR_50807	18.3631	3.3192	-2.46790216	4.14E-70	**
siR_50810	1.418	0.8205	-0.78928229	0.037521829	
siR_50862	1.3471	0.5221	-1.36745889	0.001524084	**
siR_50876	1.6307	0.9696	-0.75002979	0.032577757	
siR_50880	3.0487	1.9393	-0.65265819	0.009349617	
siR_50882	56.5072	22.1153	-1.35338989	1.18E-94	**
siR_50884	12.0175	5.7433	-1.06518498	3.60E-15	**
siR_50895	10.954	5.8178	-0.91291218	3.83E-11	
siR_50900	0.01	4.2888	8.74443023	1.22E-36	**
siR_50908	0.01	12.4189	10.27832168	1.08E-104	**
siR_50971	1.1698	0.7086	-0.72321852	0.080618428	
siR_50979	1.4889	0.7832	-0.92679419	0.01451267	
siR_51002	2.3751	0.634	-1.90543351	7.84E-08	**
siR_51005	0.01	1.5663	7.29121675	7.54E-14	**
siR_51046	1.2762	0.8205	-0.6372792	0.102225329	
siR_51056	8.2244	7.4588	-0.14096689	0.312159592	
siR_51057	3.7931	2.8716	-0.4015226	0.062167128	
siR_51058	1.0635	0.9323	-0.18995386	0.633240136	
siR_51059	1.3471	0.8951	-0.58973618	0.116948474	
siR_51060	1.8434	0.8205	-1.16779392	0.000994639	**
siR_51061	1.5243	0.7832	-0.9606942	0.010795924	
siR_51087	1.1698	0.5594	-1.06430974	0.015477614	*
siR_51105	1.4889	0.4475	-1.73428727	7.26E-05	**
siR_51112	3.0132	1.4918	-1.0142423	0.000163869	**
siR_51126	0.01	2.7597	8.10836763	7.72E-24	**
siR_51133	0.01	3.7667	8.55715732	2.87E-32	**
siR_51154	1.5243	0.7459	-1.03109274	0.006885853	**
siR_5122	3.545	1.0069	-1.81586522	1.90E-10	**
siR_51242	1.3825	0.7459	-0.89022535	0.022894115	
siR_51245	1.7725	0.3729	-2.24892492	2.70E-07	**
siR_5125	0.01	1.0442	6.70625425	1.77E-09	**
siR_51290	1.0635	0.8951	-0.24869926	0.535296857	
siR_51292	0.01	3.8786	8.59939219	3.33E-33	**
siR_51334	2.5524	1.7528	-0.54219305	0.044243042	
siR_51349	1.028	1.0815	0.0731934	0.844954568	
siR_51396	0.01	7.9063	9.62685889	6.41E-67	**
siR_51403	0.01	1.0815	6.75688986	8.62E-10	**
siR_51429	3.3677	1.0815	-1.63872996	7.67E-09	**
siR_51430	2.3751	0.8951	-1.40786748	1.50E-05	**
siR_51485	1.0989	0.2611	-2.07338574	0.000132441	**
siR_51502	5.2111	2.0139	-1.37159589	2.75E-10	**
siR_51503	2.446	0.7086	-1.78738103	1.79E-07	**
siR_5151	1.1344	1.2307	0.11754969	0.741641213	
siR_51533	1.7725	0.7086	-1.32274226	0.000375473	**

siR_51544	13.9673	7.3469	-0.92684562	3.95E-14	
siR_51550	0.01	2.3122	7.85312238	4.30E-20	**
siR_51559	1.028	0.634	-0.69728552	0.113380175	
siR_51565	4.0413	1.3799	-1.55025573	1.17E-09	**
siR_51590	2.836	2.6106	-0.11947611	0.61584915	
siR_51639	2.3397	1.6782	-0.4794089	0.085307096	
siR_51665	1.6307	0.7832	-1.05803872	0.004283913	**
siR_51711	10.5286	10.1066	-0.05901588	0.627561097	
siR_51713	1.3116	0.5967	-1.13625012	0.006797934	**
siR_51721	0.01	1.268	6.98641094	2.37E-11	**
siR_51731	0.01	1.0442	6.70625425	1.77E-09	**
siR_51794	3.1905	0.5594	-2.51183038	1.28E-13	**
siR_51795	2.8714	0.8578	-1.7430411	2.62E-08	**
siR_51799	1.418	1.0442	-0.44145947	0.216543272	
siR_51819	9.7487	5.4449	-0.84030429	6.16E-09	
siR_51836	0.01	1.3799	7.10841991	2.74E-12	**
siR_51854	8.2598	3.4683	-1.25187816	1.21E-13	**
siR_51857	3.4741	3.0954	-0.16651343	0.441444955	
siR_51870	3.2614	1.9766	-0.72247045	0.003275306	
siR_51873	1.5243	1.0815	-0.4951132	0.154115399	
siR_51876	1.0635	1.3799	0.37574369	0.28994045	
siR_51878	1.0989	0.8578	-0.35734689	0.373215383	
siR_51948	1.0989	0.1865	-2.55881257	1.47E-05	**
siR_51994	2.836	0.7459	-1.9268034	3.20E-09	**
siR_52011	2.3397	1.0815	-1.11328989	0.00034804	**
siR_52019	2.3751	0.8578	-1.46927504	7.85E-06	**
siR_52020	1.2407	0.5221	-1.24875625	0.004597643	**
siR_52025	1.9852	1.3053	-0.60490294	0.050653477	
siR_52039	0.01	2.0512	7.68032436	6.59E-18	**
siR_52048	1.1344	0.7832	-0.53447677	0.189070882	
siR_52053	2.4106	1.2307	-0.96991315	0.001177833	
siR_52096	1.5952	0.5221	-1.61133925	9.52E-05	**
siR_52097	1.028	0.2238	-2.19955832	0.000127871	**
siR_5210	0.01	3.9159	8.61320011	1.62E-33	**
siR_52137	1.028	0.634	-0.69728552	0.113380175	
siR_52142	0.2836	1.0069	1.82799097	0.000698829	**
siR_52148	1.8788	0.8951	-1.06969073	0.001948509	**
siR_52155	4.3249	1.9393	-1.15713078	4.83E-07	**
siR_52158	4.5021	1.268	-1.82804336	5.23E-13	**
siR_52161	6.381	1.7155	-1.89515341	1.16E-18	**
siR_52164	1.0989	0.634	-0.79350536	0.066742311	
siR_52182	2.836	1.1934	-1.24877985	1.57E-05	**
siR_52237	1.5598	1.1561	-0.43209486	0.203345857	
siR_52251	3.864	2.4241	-0.67264588	0.002625271	
siR_52257	0.01	1.0815	6.75688986	8.62E-10	**
siR_52288	1.1344	0.8951	-0.34180866	0.385445259	
siR_52289	1.3471	0.1119	-3.58957501	1.39E-08	**

siR_52326	13.5419	4.8109	-1.49305145	1.62E-27	**
siR_52330	9.2879	4.6617	-0.99449628	6.35E-11	
siR_52338	2.3397	1.3426	-0.80129401	0.006544644	
siR_52385	3.2614	2.5733	-0.34187173	0.13711289	
siR_52402	0.01	1.1934	6.89893387	9.98E-11	**
siR_52407	1.8434	0.6713	-1.45733961	9.44E-05	**
siR_52408	1.1698	0.5594	-1.06430974	0.015477614	*
siR_52410	2.2333	1.3426	-0.73414751	0.013813394	
siR_52413	1.4534	0.9696	-0.58397021	0.106236151	
siR_52422	1.1698	0.8205	-0.51168666	0.199636034	
siR_52448	1.9852	0.7086	-1.48624099	3.88E-05	**
siR_52474	2.836	1.4918	-0.9268034	0.000694835	
siR_52475	3.4032	1.4918	-1.18983781	5.12E-06	**
siR_52491	53.7421	45.0883	-0.25329958	5.02E-06	
siR_52492	1.0989	1.0442	-0.07366204	0.849549666	
siR_52508	8.9334	5.2957	-0.75438797	3.98E-07	
siR_52523	0.01	2.0885	7.70632333	3.21E-18	**
siR_52564	0.01	2.6106	8.02823761	1.37E-22	**
siR_52568	0.01	2.1258	7.73186206	1.57E-18	**
siR_52579	0.01	3.8413	8.58545083	6.83E-33	**
siR_52589	11.7339	9.3608	-0.32597887	0.006794273	
siR_52604	11.7694	10.7033	-0.1369851	0.239334358	
siR_5261	0.9571	1.2307	0.36273755	0.333810273	
siR_52651	4.0767	1.7901	-1.18736161	6.15E-07	**
siR_52678	0.01	3.0954	8.27398204	1.20E-26	**
siR_52722	43.3907	21.8169	-0.99193974	3.02E-45	
siR_52731	3.0841	4.7363	0.61891092	0.001895693	
siR_52732	15.1726	14.1344	-0.10225769	0.315565091	
siR_52735	0.01	1.0442	6.70625425	1.77E-09	**
siR_52769	1.5952	0.5967	-1.41865963	0.000378908	**
siR_52782	0.01	1.6782	7.39077085	8.72E-15	**
siR_52795	1.3116	0.7832	-0.74387514	0.057586901	
siR_528	1.4534	0.6713	-1.11440226	0.004972851	**
siR_52911	0.01	1.9393	7.59939219	5.69E-17	**
siR_52919	2.127	1.7155	-0.31019091	0.27488112	
siR_52927	0.01	1.1934	6.89893387	9.98E-11	**
siR_52947	2.127	1.1561	-0.87955384	0.005032018	
siR_52949	19.1075	5.2584	-1.86144323	1.42E-51	**
siR_52956	4.3603	2.536	-0.78187265	0.000265929	
siR_52972	1.028	0.7086	-0.53679689	0.21005998	
siR_52975	1.6661	1.3426	-0.31144545	0.333016329	
siR_52981	1.0635	0.5967	-0.83374235	0.060029399	
siR_52988	2.6587	1.3799	-0.94615728	0.00083825	
siR_53002	0.9217	1.1188	0.279583	0.470644087	
siR_53030	1.7725	1.0069	-0.81586522	0.016484935	
siR_53042	0.01	1.6409	7.35834351	1.79E-14	**
siR_53056	0.01	9.0624	9.82374936	1.35E-76	**

siR_53060	0.01	35.3919	11.7892035	5.37E-297	**
siR_53066	0.01	1.9766	7.62687714	2.78E-17	**
siR_53088	1.1344	0.3356	-1.75711482	0.000500636	**
siR_53091	4.3958	3.431	-0.35749662	0.071493321	
siR_53092	1.6307	1.3799	-0.24092767	0.453762935	
siR_53172	9.4297	3.9531	-1.25422742	2.07E-15	**
siR_53183	1.8788	1.8274	-0.04001904	0.891828996	
siR_53203	2.8005	1.3799	-1.02112071	0.000259988	**
siR_5326	1.028	0.1119	-3.19955832	2.76E-06	**
siR_53276	0.01	31.2896	11.6114675	1.17E-262	**
siR_53277	0.01	1.1188	6.80580835	4.20E-10	**
siR_53313	4.5376	4.9974	0.13924826	0.434562066	
siR_53329	1.2407	0.2611	-2.24847995	1.86E-05	**
siR_53364	3.1905	1.7528	-0.86412114	0.000691001	
siR_53383	5.1402	1.9766	-1.37880355	3.09E-10	**
siR_534	32.8267	11.8967	-1.46430828	1.48E-62	**
siR_53536	0.01	1.4172	7.14689956	1.34E-12	**
siR_53540	0.01	1.0442	6.70625425	1.77E-09	**
siR_53542	0.01	1.3426	7.06888574	5.63E-12	**
siR_53557	0.8153	1.0069	0.30451749	0.458490285	
siR_53640	1.3471	0.2238	-2.58957501	1.24E-06	**
siR_53643	0.01	1.1934	6.89893387	9.98E-11	**
siR_53655	1.2053	1.0069	-0.25947187	0.491104458	
siR_53685	6.3101	3.9531	-0.67467842	0.000112908	
siR_53709	1.5243	0.4848	-1.65268527	0.000103474	**
siR_53817	1.6661	0.9696	-0.78101339	0.025220231	
siR_5388	1.3471	0.634	-1.08730221	0.008088456	**
siR_53881	3.2968	1.268	-1.37851162	4.91E-07	**
siR_53884	0.01	1.7901	7.48389637	1.01E-15	**
siR_53886	10.7768	7.1231	-0.59735171	5.81E-06	
siR_53887	2.3042	0.6713	-1.7792364	4.46E-07	**
siR_53897	6.4519	2.3495	-1.45737031	1.88E-13	**
siR_5392	10.1741	1.4545	-2.80630598	2.29E-45	**
siR_5393	8.4016	1.529	-2.45807569	8.55E-33	**
siR_53961	2.9778	2.9835	0.00275892	0.988145003	
siR_54015	0.01	2.6479	8.04870483	6.67E-23	**
siR_54127	0.01	2.0512	7.68032436	6.59E-18	**
siR_54130	0.01	1.2307	6.94333532	4.86E-11	**
siR_54154	0.01	5.0347	8.97576201	6.99E-43	**
siR_54156	0.01	1.6409	7.35834351	1.79E-14	**
siR_5418	2.6587	4.0277	0.59923523	0.005405281	
siR_54188	7.8344	1.902	-2.04230554	9.34E-25	**
siR_54194	1.0635	0.4848	-1.13335843	0.015328041	*
siR_54197	1.1698	0.4848	-1.27080029	0.005319168	**
siR_5420	1.9143	2.1258	0.15118893	0.580827286	
siR_54207	0.01	1.1561	6.85312238	2.05E-10	**
siR_5421	1.418	1.6409	0.21062979	0.504189926	

siR_5423	6.3455	5.1466	-0.30211419	0.064304048	
siR_54258	0.01	2.4241	7.9213054	4.98E-21	**
siR_5426	14.0382	12.0832	-0.21635539	0.045168744	
siR_54272	1.0989	0.9696	-0.1805985	0.64392648	
siR_54300	0.01	2.2003	7.78155643	3.72E-19	**
siR_54329	2.6233	1.6036	-0.71006848	0.009477656	
siR_54354	1.2407	1.4545	0.22936898	0.495410968	
siR_54369	0.01	2.4614	7.94333532	2.43E-21	**
siR_54370	0.01	1.0069	6.6537766	3.63E-09	**
siR_54385	0.01	2.2749	7.82965932	8.83E-20	**
siR_54388	0.01	1.2307	6.94333532	4.86E-11	**
siR_54393	1.5243	1.268	-0.26559212	0.42675703	
siR_54406	0.01	1.6036	7.32517051	3.67E-14	**
siR_54425	1.2053	0.4475	-1.42943269	0.001965568	**
siR_54437	105.2509	46.0952	-1.19114414	1.69E-143	**
siR_54443	0.01	1.2307	6.94333532	4.86E-11	**
siR_54447	2.2688	0.5967	-1.92685176	1.25E-07	**
siR_54461	0.01	2.1258	7.73186206	1.57E-18	**
siR_54506	2.9069	0.8578	-1.76076822	1.71E-08	**
siR_54519	0.01	1.5663	7.29121675	7.54E-14	**
siR_54554	3.6159	3.7294	0.04458876	0.824834847	
siR_54572	1.0989	0.9323	-0.23719393	0.547017649	
siR_54590	1.2762	0.2984	-2.096535	3.20E-05	**
siR_54641	2.4815	1.4545	-0.77068916	0.0067483	
siR_54655	1.5952	0.9323	-0.77487114	0.029704074	
siR_54685	1.028	0.7086	-0.53679689	0.21005998	
siR_54750	1.6661	0.9696	-0.78101339	0.025220231	
siR_54751	1.5598	0.5221	-1.57896299	0.000143572	**
siR_5478	3.0132	1.3426	-1.16626689	2.44E-05	**
siR_54865	1.3116	2.163	0.72170586	0.016473555	
siR_54989	1.1698	0.634	-0.88370715	0.037954945	
siR_55014	0.1772	1.1561	2.70581568	3.67E-06	**
siR_55050	0.01	2.536	7.98641094	5.76E-22	**
siR_55095	4.7857	2.2749	-1.07292683	6.24E-07	**
siR_55129	0.01	6.9367	9.43810568	8.38E-59	**
siR_5516	0.01	1.6036	7.32517051	3.67E-14	**
siR_55197	4.7148	4.9601	0.07317263	0.678402044	
siR_55259	1.8434	1.1561	-0.67310296	0.038503841	
siR_55308	2.4815	1.0069	-1.30129204	3.08E-05	**
siR_55309	1.6661	0.5594	-1.57452284	8.69E-05	**
siR_55334	27.261	13.7614	-0.98621124	8.69E-29	
siR_55335	14.2509	7.0112	-1.02331974	1.10E-16	**
siR_55336	8.1535	3.5429	-1.20248874	9.46E-13	**
siR_55337	6.4519	3.3564	-0.94280942	1.93E-07	
siR_55338	5.9201	2.797	-1.08174129	2.35E-08	**
siR_55339	5.1402	2.536	-1.01926975	7.26E-07	**
siR_55341	1.0635	0.4102	-1.37442064	0.004842593	**

siR_55350	1. 2053	0. 7459	-0. 69233815	0. 087734995	
siR_55357	10. 635	6. 0416	-0. 81581746	3. 22E-09	
siR_55358	8. 5434	3. 7294	-1. 19586679	3. 44E-13	**
siR_55359	6. 5582	2. 797	-1. 22941965	7. 46E-11	**
siR_55360	1. 9143	0. 9323	-1. 03795077	0. 002278394	**
siR_55361	1. 6661	0. 9323	-0. 83760882	0. 017480007	
siR_55362	2. 5878	0. 8205	-1. 65715088	3. 49E-07	**
siR_55363	1. 028	0. 2611	-1. 9771659	0. 000342937	**
siR_55365	1. 1344	0. 2238	-2. 3416475	2. 83E-05	**
siR_55400	0. 01	1. 7901	7. 48389637	1. 01E-15	**
siR_55423	15. 3144	5. 1093	-1. 58369129	1. 51E-33	**
siR_55424	1. 1344	0. 4475	-1. 34196985	0. 004230483	**
siR_55481	2. 0561	0. 8578	-1. 26119721	0. 000217801	**
siR_55483	3. 1196	0. 6713	-2. 21633151	1. 05E-11	**
siR_55516	4. 4312	2. 0885	-1. 0852303	1. 31E-06	**
siR_5556	1. 3471	0. 7832	-0. 78240428	0. 044337712	
siR_55575	2. 3751	1. 6036	-0. 56667393	0. 043515943	
siR_55576	1. 0635	1. 1934	0. 16625765	0. 650059651	
siR_55643	17. 8313	2. 8716	-2. 63448518	3. 08E-73	**
siR_55644	2. 7296	1. 0442	-1. 38629149	4. 41E-06	**
siR_55663	1. 028	0. 4848	-1. 08437866	0. 021479092	*
siR_55696	37. 3643	34. 6087	-0. 11052574	0. 088798633	
siR_55704	4. 4667	3. 1327	-0. 51180274	0. 011321699	
siR_55706	3. 5095	3. 17	-0. 14678266	0. 493815824	
siR_55708	2. 0915	1. 1934	-0. 80946032	0. 009562588	
siR_55751	1. 5598	1. 1561	-0. 43209486	0. 203345857	
siR_55784	0. 01	4. 3634	8. 76930892	2. 91E-37	**
siR_55799	0. 01	1. 6782	7. 39077085	8. 72E-15	**
siR_558	0. 01	1. 4918	7. 22091032	3. 17E-13	**
siR_55807	24. 425	14. 3954	-0. 76275069	2. 38E-17	
siR_55813	28. 5372	14. 9175	-0. 93583801	1. 10E-27	
siR_55814	1. 028	0. 3729	-1. 46297956	0. 003720663	**
siR_55820	1. 2762	0. 5967	-1. 09677676	0. 009487354	**
siR_55837	7. 09	3. 804	-0. 89826838	1. 59E-07	
siR_55843	1. 418	0. 8578	-0. 72514431	0. 053278736	
siR_55898	6. 381	4. 9601	-0. 36341333	0. 02724203	
siR_55926	1. 4889	0. 5594	-1. 4122947	0. 000627722	**
siR_55939	0. 01	1. 3053	7. 02823761	1. 15E-11	**
siR_55968	1. 6661	1. 0442	-0. 67407693	0. 049053058	
siR_5598	1. 8434	1. 0069	-0. 87244875	0. 009591885	
siR_560	0. 01	1. 0442	6. 70625425	1. 77E-09	**
siR_56012	2. 5169	0. 5221	-2. 26924983	6. 19E-10	**
siR_56088	1. 5952	1. 9393	0. 28179868	0. 337890081	
siR_56094	4. 5021	0. 9323	-2. 27173193	9. 54E-17	**
siR_56111	0. 01	2. 9089	8. 18432989	4. 35E-25	**
siR_56119	0. 01	1. 3799	7. 10841991	2. 74E-12	**
siR_56122	0. 01	2. 2749	7. 82965932	8. 83E-20	**

siR_56133	0.01	7.0112	9.45351758	1.99E-59	**
siR_56136	0.01	8.9878	9.81182421	5.67E-76	**
siR_56144	1.5952	1.4918	-0.09668318	0.761821962	
siR_56147	0.01	1.3426	7.06888574	5.63E-12	**
siR_56150	3.2259	0.4848	-2.73424011	5.77E-15	**
siR_56170	4.963	2.3868	-1.05613477	5.41E-07	**
siR_56173	111.3838	25.3598	-2.13492415	0	**
siR_56205	1.2407	1.268	0.03140043	0.925522201	
siR_56232	2.3397	1.4172	-0.72328019	0.012838607	
siR_56233	1.5952	1.1934	-0.41865963	0.21138519	
siR_56270	0.01	1.2307	6.94333532	4.86E-11	**
siR_5628	7.4799	3.8786	-0.94748298	1.79E-08	
siR_56308	1.1344	2.4987	1.13924826	0.000153075	**
siR_5631	25.1695	24.4275	-0.04317034	0.581452769	
siR_56318	0.01	1.4172	7.14689956	1.34E-12	**
siR_56323	0.8153	1.1561	0.50386327	0.204958771	
siR_56354	0.01	1.7528	7.45351758	2.07E-15	**
siR_5636	2.0206	2.5733	0.34883591	0.176687251	
siR_56421	4.3603	2.4987	-0.8032497	0.000189878	
siR_56439	10.5286	5.8551	-0.8465479	1.21E-09	
siR_56440	6.381	3.3937	-0.9109235	4.89E-07	
siR_56441	1.6661	1.0069	-0.72655458	0.035558339	
siR_56442	1.5952	0.4475	-1.83377773	1.94E-05	**
siR_56560	1.737	0.4102	-2.08219836	1.23E-06	**
siR_56562	1.5952	0.6713	-1.24870777	0.00126596	**
siR_56576	3.7931	2.797	-0.43949715	0.042551057	
siR_56622	0.01	1.2307	6.94333532	4.86E-11	**
siR_56624	0.01	4.3261	8.7569232	5.97E-37	**
siR_56655	26.3393	12.6799	-1.05467364	6.30E-31	**
siR_56656	1.9497	1.0442	-0.90085409	0.006173755	
siR_56657	2.3042	0.8205	-1.48969071	8.75E-06	**
siR_56658	1.4534	0.5967	-1.28435413	0.001680536	**
siR_56665	6.6646	4.5499	-0.55068345	0.000932205	
siR_56666	6.0974	3.8413	-0.66659955	0.000173303	
siR_56667	1.8434	0.9323	-0.98350298	0.004190062	
siR_5667	1.7016	0.2611	-2.70421758	2.14E-08	**
siR_56698	46.1913	6.1535	-2.90814202	1.42E-207	**
siR_56714	1.4534	1.268	-0.19687707	0.561185369	
siR_56717	0.01	1.1188	6.80580835	4.20E-10	**
siR_56725	0.01	1.8274	7.51364865	4.92E-16	**
siR_56731	0.01	13.836	10.4342112	1.48E-116	**
siR_56739	0.01	4.065	8.66711154	9.14E-35	**
siR_56758	5.282	0.9696	-2.4456227	4.79E-21	**
siR_56766	16.5197	17.4162	0.07624239	0.419250101	
siR_56767	2.0206	1.0815	-0.90175009	0.005255383	
siR_56772	20.2774	15.738	-0.36562047	7.31E-05	
siR_56773	2.446	1.3426	-0.86539486	0.002976433	

siR_56777	8.3307	7.0485	-0.24112146	0.087126935	
siR_56781	1.0635	0.4848	-1.13335843	0.015328041	*
siR_56784	192.4224	125.009	-0.62224479	4.41E-88	
siR_56794	13.0456	9.2116	-0.50203963	2.01E-05	
siR_56799	2.2688	1.0442	-1.11953137	0.00040461	**
siR_56800	2.4106	0.7086	-1.76634891	2.76E-07	**
siR_56834	0.01	1.4545	7.18437949	6.51E-13	**
siR_56838	0.01	1.3426	7.06888574	5.63E-12	**
siR_56867	1.418	0.4475	-1.66389794	0.000170776	**
siR_56896	2.6587	1.4172	-0.90767763	0.001256579	
siR_57058	0.01	4.8109	8.910163	5.22E-41	**
siR_5711	0.01	1.6782	7.39077085	8.72E-15	**
siR_57110	3.4032	2.6852	-0.34186239	0.128776011	
siR_57114	9.1461	4.5499	-1.00732186	5.60E-11	**
siR_57117	3.6513	2.2376	-0.70645805	0.002268488	
siR_57119	1.4534	1.7155	0.23919731	0.440649407	
siR_57158	1.418	0.7086	-1.00081416	0.011050653	*
siR_57185	1.9497	1.0069	-0.95333174	0.004087468	
siR_57189	17.9022	7.7944	-1.19962702	4.11E-26	**
siR_57200	0.01	2.163	7.75688986	7.63E-19	**
siR_57203	1.1344	0.2238	-2.3416475	2.83E-05	**
siR_57206	1.2762	0.9696	-0.39639284	0.289463081	
siR_57223	0.01	7.1231	9.47636143	2.30E-60	**
siR_57288	0.01	1.0069	6.6537766	3.63E-09	**
siR_57289	5.8138	3.4683	-0.74525275	5.28E-05	
siR_57331	2.1979	0.4848	-2.18066414	1.77E-08	**
siR_57332	1.418	0.2984	-2.24853809	4.52E-06	**
siR_57335	1.5243	1.3799	-0.14358315	0.661720724	
siR_57336	2.3397	2.0512	-0.18985539	0.474284281	
siR_57338	11.8757	11.6357	-0.02945455	0.796397697	
siR_57340	4.3603	3.2819	-0.40989612	0.041373129	
siR_57401	0.01	1.268	6.98641094	2.37E-11	**
siR_57412	0.01	1.6782	7.39077085	8.72E-15	**
siR_5743	1.2407	0.7832	-0.66370165	0.09494326	
siR_5745	26.7647	7.4215	-1.85054877	5.35E-71	**
siR_57457	2.1979	0.7459	-1.55907162	7.20E-06	**
siR_5746	1.418	0.8578	-0.72514431	0.053278736	
siR_57461	13.5773	4.4007	-1.62539168	5.27E-31	**
siR_57478	2.9069	0.7459	-1.96242731	1.29E-09	**
siR_57501	0.01	6.34	9.30833903	8.28E-54	**
siR_57515	22.7589	6.4891	-1.81034053	6.87E-59	**
siR_57521	16.4488	4.4753	-1.87792604	3.82E-45	**
siR_57536	2.836	1.7901	-0.66381735	0.010974873	
siR_57537	1.418	1.1561	-0.29459134	0.397965171	
siR_57560	1.1698	0.4102	-1.5118625	0.001486275	**
siR_57567	1.2053	0.7832	-0.62193961	0.120458422	
siR_57608	2.6233	0.3729	-2.8145221	9.47E-13	**

siR_57613	0.319	1.1934	1.90344935	0.000143498	**
siR_57615	0.3899	1.3426	1.78385349	0.000111192	**
siR_57641	1.028	1.0442	0.0225578	0.949940384	
siR_57677	12.0884	7.3842	-0.71110977	2.09E-08	
siR_57678	3.9349	2.0139	-0.96633492	3.42E-05	
siR_57679	2.7296	1.6782	-0.70177489	0.008791895	
siR_57693	2.0915	0.9323	-1.16567183	0.000456163	**
siR_57694	1.0989	0.5594	-0.97410795	0.02925074	
siR_57716	5.4947	1.529	-1.84545231	9.49E-16	**
siR_57739	0.01	1.9393	7.59939219	5.69E-17	**
siR_57741	0.01	4.5499	8.82969103	8.00E-39	**
siR_57770	0.9571	1.0442	0.12565649	0.745938859	
siR_57777	3.864	2.0885	-0.88762795	0.000131466	
siR_57800	0.01	8.503	9.73182813	6.48E-72	**
siR_57804	0.01	11.8222	10.20728282	1.07E-99	**
siR_57805	0.01	1.4545	7.18437949	6.51E-13	**
siR_57811	1.2053	0.3356	-1.84457766	0.000205328	**
siR_57847	1.3471	2.0139	0.5801351	0.056602639	
siR_57849	59.8041	31.9235	-0.90562556	2.98E-53	
siR_57850	1.1344	0.5594	-1.01997728	0.02136103	*
siR_57851	48.2828	22.2644	-1.11677061	1.78E-60	**
siR_57857	3.4386	1.1934	-1.52674362	2.94E-08	**
siR_57883	0.01	2.5733	8.00747585	2.81E-22	**
siR_57903	0.01	1.0442	6.70625425	1.77E-09	**
siR_57910	0.01	1.9393	7.59939219	5.69E-17	**
siR_57912	0.01	7.3096	9.51364865	6.33E-62	**
siR_57915	0.01	1.9393	7.59939219	5.69E-17	**
siR_57919	0.01	3.0208	8.23878686	5.04E-26	**
siR_57922	0.01	2.797	8.12773644	3.76E-24	**
siR_58	9.5715	6.2654	-0.61133842	1.30E-05	
siR_5801	11.7694	3.6175	-1.70197585	8.26E-29	**
siR_5803	2.446	0.6713	-1.86539486	7.68E-08	**
siR_58083	0.01	3.3192	8.37469175	1.60E-28	**
siR_58084	0.01	1.902	7.57137344	1.17E-16	**
siR_58093	1.1698	0.8578	-0.44754867	0.256675186	
siR_5813	6.8773	3.6175	-0.92684926	1.16E-07	
siR_58131	0.01	1.1188	6.80580835	4.20E-10	**
siR_58220	1.028	0.7459	-0.46278613	0.27375448	
siR_58246	0.01	24.9496	11.28480097	1.38E-209	**
siR_58247	0.01	3.9904	8.64038956	3.85E-34	**
siR_58248	0.01	3.0581	8.25649177	2.46E-26	**
siR_58251	93.4815	72.089	-0.37490175	2.70E-18	
siR_58252	13.3292	0.9696	-3.78105669	3.99E-77	**
siR_58253	1.028	0.9696	-0.08437866	0.833764704	
siR_58254	1.1698	0.7086	-0.72321852	0.080618428	
siR_58255	1.1344	0.3356	-1.75711482	0.000500636	**
siR_58291	0.01	1.4172	7.14689956	1.34E-12	**

siR_58293	4.0058	1.9393	-1.04655439	8.01E-06	**
siR_58295	12.1948	6.4518	-0.91849248	2.36E-12	
siR_58338	3.2259	1.3053	-1.30532029	1.83E-06	**
siR_58353	112.1282	55.3441	-1.01864773	4.50E-119	**
siR_58385	2.4815	1.8647	-0.41226891	0.122983123	
siR_58389	1.1344	0.4102	-1.46753004	0.002218064	**
siR_58393	1.4534	0.4475	-1.69947222	0.000111574	**
siR_58402	1.3116	0.3356	-1.96651319	5.19E-05	**
siR_58450	0.01	3.3564	8.39077085	7.81E-29	**
siR_58471	1.6307	0.9323	-0.80662522	0.022857287	
siR_58472	1.1698	0.5221	-1.16386383	0.009288174	**
siR_58499	0.01	1.3426	7.06888574	5.63E-12	**
siR_58502	12.5493	7.5334	-0.73623385	3.95E-09	
siR_58503	1.7016	1.1934	-0.51181426	0.120249063	
siR_58513	1.1698	0.634	-0.88370715	0.037954945	
siR_5852	152.0094	107.8166	-0.49558122	5.27E-47	
siR_58537	1.737	0.2238	-2.95631581	3.07E-09	**
siR_58581	1.4889	0.5594	-1.4122947	0.000627722	**
siR_58608	1.7016	1.1934	-0.51181426	0.120249063	
siR_58609	1.3116	0.4848	-1.4358662	0.001178471	**
siR_5865	2.6942	0.8951	-1.58973618	4.48E-07	**
siR_5866	1.3116	0.7459	-0.81427367	0.04007629	
siR_58677	1.0635	1.3053	0.29556139	0.411284534	
siR_58679	1.3116	0.8578	-0.61261459	0.109565176	
siR_58694	3.4741	2.4987	-0.47546158	0.036990037	
siR_58695	2.2688	1.1188	-1.01997728	0.001040485	**
siR_5870	1.4534	0.4848	-1.58397021	0.000237648	**
siR_58733	6.0974	1.1561	-2.398928	1.43E-23	**
siR_58744	0.01	2.0512	7.68032436	6.59E-18	**
siR_58779	2.8714	0.8578	-1.7430411	2.62E-08	**
siR_58807	1.1344	0.5594	-1.01997728	0.02136103	*
siR_58811	2.7296	0.5967	-2.19361187	2.74E-10	**
siR_58812	1.5243	0.1492	-3.35282743	4.13E-09	**
siR_58818	4.6794	1.0815	-2.11328989	5.47E-16	**
siR_58821	4.5376	0.5221	-3.11953137	3.17E-23	**
siR_5883	0.01	11.5238	10.17040081	3.35E-97	**
siR_5884	0.01	1.1934	6.89893387	9.98E-11	**
siR_58861	0.01	1.4545	7.18437949	6.51E-13	**
siR_58867	0.7444	1.1934	0.68092772	0.0917254	
siR_58987	0.01	1.0069	6.6537766	3.63E-09	**
siR_59016	2.446	1.0069	-1.28050399	4.39E-05	**
siR_59157	3.545	2.2003	-0.68808539	0.003297541	
siR_592	1.1698	0.634	-0.88370715	0.037954945	
siR_59206	0.01	1.1934	6.89893387	9.98E-11	**
siR_59215	3.8286	5.5941	0.5470891	0.002508493	
siR_59218	49.0982	19.7657	-1.31267109	8.65E-79	**
siR_59224	3.1905	2.4614	-0.37430341	0.109444453	

siR_59228	0.01	1.1188	6.80580835	4.20E-10	**
siR_59251	4.5021	1.0069	-2.16067769	7.86E-16	**
siR_59371	1.3825	1.3799	-0.00271576	0.99639346	
siR_59382	0.01	3.2446	8.34189682	6.75E-28	**
siR_59394	1.4889	0.5221	-1.5118488	0.000322184	**
siR_59403	5.9201	0.634	-3.2230668	9.06E-31	**
siR_59417	3.3677	3.2819	-0.03723235	0.863765823	
siR_59430	0.01	2.2749	7.82965932	8.83E-20	**
siR_59435	0.01	2.6852	8.06888574	3.25E-23	**
siR_59438	0.01	1.0442	6.70625425	1.77E-09	**
siR_59445	0.01	3.7294	8.54279973	5.90E-32	**
siR_59448	0.01	1.0815	6.75688986	8.62E-10	**
siR_59455	0.01	13.7987	10.43031664	3.03E-116	**
siR_59456	0.01	5.8178	9.18432989	1.94E-49	**
siR_59457	0.01	1.1561	6.85312238	2.05E-10	**
siR_59461	0.01	2.536	7.98641094	5.76E-22	**
siR_59462	0.01	1.3053	7.02823761	1.15E-11	**
siR_59479	5.3529	1.3053	-2.03593928	2.59E-17	**
siR_59557	0.01	14.9548	10.5463929	6.38E-126	**
siR_59567	3.6513	1.4545	-1.32788691	2.65E-07	**
siR_59597	1.7725	0.5967	-1.57070795	5.27E-05	**
siR_59619	1.3825	0.634	-1.12472473	0.005814363	**
siR_59642	2.9778	1.1188	-1.4122947	1.14E-06	**
siR_59657	1.1344	1.0442	-0.11953137	0.754361807	
siR_5966	5.4947	0.7832	-2.81058804	3.22E-25	**
siR_59662	1.2407	0.2611	-2.24847995	1.86E-05	**
siR_59664	1.4534	0.7086	-1.03638844	0.008088782	**
siR_59695	16.7678	4.3261	-1.9545545	2.01E-48	**
siR_59699	3.4741	0.8951	-1.95651851	3.38E-11	**
siR_59705	1.2407	0.8205	-0.59657908	0.128834839	
siR_5971	0.01	2.3122	7.85312238	4.30E-20	**
siR_59723	160.0211	161.8927	0.01677579	0.584174195	
siR_59724	1.9852	2.2749	0.19651877	0.461737456	
siR_59725	1.028	1.1188	0.12211189	0.744335346	
siR_59730	1.1344	0.1119	-3.3416475	4.83E-07	**
siR_59736	2.5878	2.7597	0.09278532	0.695723877	
siR_59737	2.446	2.8716	0.2314304	0.333306891	
siR_59751	20.4546	14.0225	-0.54468174	8.84E-09	
siR_5976	0.01	1.2307	6.94333532	4.86E-11	**
siR_59768	16.6969	5.5568	-1.58725405	1.53E-36	**
siR_59776	0.01	1.1934	6.89893387	9.98E-11	**
siR_59837	8.4016	2.4987	-1.7494864	9.07E-22	**
siR_59865	1.4889	0.5221	-1.5118488	0.000322184	**
siR_59878	13.79	5.6687	-1.28253263	1.47E-22	**
siR_5992	1.7725	1.902	0.10173162	0.722133637	
siR_59924	5.4593	0.7459	-2.87166185	1.35E-25	**
siR_59927	1.1344	0.3729	-1.60506874	0.001091833	**

siR_59928	1.028	0.1865	-2.46259273	4.21E-05	**
siR_59938	4.7503	3.8786	-0.29248263	0.120975045	
siR_59941	11.2376	17.3416	0.62590306	1.83E-09	
siR_59980	3.4032	3.9531	0.21609251	0.287629804	
siR_60003	1.028	1.0815	0.0731934	0.844954568	
siR_60012	4.7148	2.797	-0.75331632	0.000240229	
siR_60025	0.01	4.1396	8.69334756	2.17E-35	**
siR_60028	0.01	4.1769	8.70628879	1.06E-35	**
siR_60035	0.01	2.6479	8.04870483	6.67E-23	**
siR_60041	0.01	2.2376	7.80580835	1.81E-19	**
siR_60056	0.01	1.6782	7.39077085	8.72E-15	**
siR_60066	1.2407	1.1561	-0.10188812	0.77947926	
siR_60089	0.7444	1.0442	0.4882481	0.242082153	
siR_60099	1.1344	0.2238	-2.3416475	2.83E-05	**
siR_60125	0.01	1.1188	6.80580835	4.20E-10	**
siR_60127	3.5804	2.6106	-0.45573935	0.041640192	
siR_60128	2.1624	0.9696	-1.15717181	0.000393412	**
siR_60135	1.028	0.8205	-0.32526503	0.431150137	
siR_60154	1.2407	0.3729	-1.73429361	0.000303178	**
siR_60159	6.7355	2.797	-1.26790479	1.38E-11	**
siR_60160	2.7651	0.7459	-1.89027752	7.88E-09	**
siR_60163	9.5715	2.7225	-1.81381299	9.14E-26	**
siR_60180	1.028	0.7459	-0.46278613	0.27375448	
siR_60195	4.3958	3.6548	-0.26633329	0.172591245	
siR_60202	1.3471	0.8578	-0.65114373	0.086805871	
siR_60238	2.1979	0.634	-1.793571	7.22E-07	**
siR_60239	1.5243	0.3729	-2.03128617	7.99E-06	**
siR_60242	2.9423	1.1934	-1.30186667	5.49E-06	**
siR_60243	1.1698	0.3729	-1.64940119	0.000716423	**
siR_60293	0.01	2.0139	7.65384824	1.35E-17	**
siR_60294	1.7725	0.5594	-1.66383347	2.51E-05	**
siR_60305	0.01	2.0885	7.70632333	3.21E-18	**
siR_60327	0.01	3.17	8.30833903	2.84E-27	**
siR_60351	1.6307	0.0746	-4.45017195	1.34E-11	**
siR_60361	9.8196	6.2654	-0.64825764	3.26E-06	
siR_60366	0.01	1.2307	6.94333532	4.86E-11	**
siR_60391	8.7207	2.2376	-1.96249178	4.49E-26	**
siR_60422	0.01	1.4172	7.14689956	1.34E-12	**
siR_60447	7.6926	0.634	-3.60091655	1.89E-43	**
siR_60462	0.01	1.3426	7.06888574	5.63E-12	**
siR_605	1.8079	0.8578	-1.07560166	0.002277255	**
siR_60507	2.836	0.7459	-1.9268034	3.20E-09	**
siR_60536	1.0989	1.2307	0.16341902	0.650589112	
siR_60539	2.8005	1.8274	-0.61589197	0.018044727	
siR_60558	1.7725	0.6713	-1.40075608	0.00020303	**
siR_60587	1.5952	2.9089	0.86673639	0.001111248	
siR_60589	4.8921	3.9531	-0.30746944	0.098927707	

siR_60603	0.01	1.0815	6.75688986	8.62E-10	**
siR_60626	2.446	2.4241	-0.01297519	0.960915493	
siR_60649	1.0635	0.4848	-1.13335843	0.015328041	*
siR_60656	17.016	20.2506	0.25107272	0.005427097	
siR_60661	4.3249	4.438	0.03724289	0.839920391	
siR_60672	1.2053	1.3053	0.11498914	0.739698816	
siR_60674	3.0132	0.5967	-2.33621875	5.27E-12	**
siR_60737	0.01	1.4918	7.22091032	3.17E-13	**
siR_60739	1.6307	0.7832	-1.05803872	0.004283913	**
siR_60764	8.8979	6.974	-0.35147852	0.011437433	
siR_60765	0.9926	1.268	0.35327039	0.338369281	
siR_6083	1.5243	1.7901	0.23189331	0.444430402	
siR_60830	1.5952	0.2611	-2.61106295	1.07E-07	**
siR_60853	43.7098	43.8576	0.00487009	0.933468049	
siR_60856	52.1114	55.4933	0.09071458	0.087248483	
siR_60878	2.127	0.5967	-1.83374235	7.51E-07	**
siR_6090	0.01	1.1561	6.85312238	2.05E-10	**
siR_60907	6.3101	8.1674	0.37221402	0.0103985	
siR_60911	0.01	2.1258	7.73186206	1.57E-18	**
siR_60931	1.2053	0.4475	-1.42943269	0.001965568	**
siR_60932	1.0989	0.2611	-2.07338574	0.000132441	**
siR_60936	0.01	3.5056	8.45351758	4.40E-30	**
siR_60938	0.7444	1.1561	0.63511623	0.118651509	
siR_6095	1.3116	0.9696	-0.4358662	0.240578977	
siR_60955	2.2688	1.4918	-0.60487531	0.036482065	
siR_60956	0.6381	1.0442	0.71054362	0.101902462	
siR_60966	2.4106	3.3564	0.47752238	0.038795245	
siR_60969	1.8788	1.5663	-0.26245093	0.382003897	
siR_60971	8.1535	3.0954	-1.39729364	1.08E-15	**
siR_60972	3.0841	1.6782	-0.87793488	0.000723099	
siR_60973	2.7651	1.1188	-1.3053795	1.02E-05	**
siR_60979	0.01	1.0442	6.70625425	1.77E-09	**
siR_60992	4.1831	0.5594	-2.90262033	3.86E-20	**
siR_60995	0.01	1.7155	7.42248532	4.25E-15	**
siR_61008	8.6852	3.3937	-1.35570003	6.05E-16	**
siR_61026	1.7725	0.8205	-1.11121039	0.001927105	**
siR_61032	114.2552	38.7483	-1.56005491	9.00E-234	**
siR_61035	26.9774	6.8994	-1.9672085	1.64E-77	**
siR_61047	3.2259	2.4987	-0.36852402	0.112629098	
siR_61051	0.01	1.6036	7.32517051	3.67E-14	**
siR_61053	0.01	2.6106	8.02823761	1.37E-22	**
siR_61065	1.028	0.5967	-0.78476258	0.079326488	
siR_61074	2.2333	0.9696	-1.20371546	0.000201232	**
siR_61104	0.01	9.0997	9.82967517	6.56E-77	**
siR_61109	0.01	36.4361	11.83115283	9.74E-306	**
siR_61114	0.01	7.5707	9.56428289	4.13E-64	**
siR_61118	0.01	4.5126	8.81781509	1.64E-38	**

siR_61130	0.8862	1.2307	0.4737749	0.216116099	
siR_61134	0.01	7.5334	9.55715732	8.48E-64	**
siR_61143	1.1698	0.4475	-1.38630231	0.002893159	**
siR_61150	7.5508	1.4918	-2.33957537	4.86E-28	**
siR_61156	3.4741	2.0139	-0.78664723	0.001080173	
siR_61157	2.0915	1.4918	-0.48748387	0.09876211	
siR_61160	0.01	12.5307	10.29125129	1.25E-105	**
siR_61161	0.01	1.268	6.98641094	2.37E-11	**
siR_61169	0.01	3.7294	8.54279973	5.90E-32	**
siR_61215	1.3825	0.3356	-2.04246486	2.03E-05	**
siR_61263	1.0635	1.7901	0.75122015	0.024004544	
siR_61272	2.0915	0.4475	-2.22457841	2.69E-08	**
siR_61301	1.9143	1.529	-0.32422853	0.280552793	
siR_61337	0.01	6.0043	9.22985225	5.34E-51	**
siR_61360	0.01	3.8786	8.59939219	3.33E-33	**
siR_61365	0.01	5.2957	9.04867759	4.56E-45	**
siR_61368	0.01	3.2446	8.34189682	6.75E-28	**
siR_61371	0.01	36.4734	11.83262898	4.75E-306	**
siR_61372	0.01	1.6036	7.32517051	3.67E-14	**
siR_61382	1.7725	0.9696	-0.87032402	0.011285895	
siR_6139	0.01	1.0069	6.6537766	3.63E-09	**
siR_61420	0.01	8.4657	9.72548555	1.33E-71	**
siR_61422	54.0966	34.1985	-0.66160488	8.25E-29	
siR_61423	0.8508	1.0442	0.29550613	0.462829197	
siR_61426	0.01	3.8786	8.59939219	3.33E-33	**
siR_61430	1.1344	0.7086	-0.67888607	0.103795176	
siR_61432	15.3853	8.5776	-0.84290663	2.38E-13	
siR_61470	0.01	1.3799	7.10841991	2.74E-12	**
siR_61502	1.1698	0.634	-0.88370715	0.037954945	
siR_61504	0.01	8.1674	9.67373308	4.18E-69	**
siR_61505	0.01	8.1301	9.66712929	8.58E-69	**
siR_61510	0.01	4.5499	8.82969103	8.00E-39	**
siR_61519	0.01	2.6479	8.04870483	6.67E-23	**
siR_61564	1.4534	1.3053	-0.15505039	0.645288754	
siR_61565	1.3825	0.5594	-1.30532732	0.001931693	**
siR_61569	2.3397	2.1258	-0.13831769	0.599362516	
siR_61588	0.01	1.268	6.98641094	2.37E-11	**
siR_61591	0.01	5.6687	9.14687411	3.45E-48	**
siR_61594	0.01	1.6036	7.32517051	3.67E-14	**
siR_61613	0.01	1.9766	7.62687714	2.78E-17	**
siR_61615	1.9143	0.634	-1.59426219	2.13E-05	**
siR_61637	1.7725	0.8205	-1.11121039	0.001927105	**
siR_61644	1.5952	1.902	0.25377993	0.390253721	
siR_61652	1.3116	0.4475	-1.55136822	0.000594069	**
siR_61666	1.7016	0.7086	-1.26384857	0.000771078	**
siR_61684	1.0989	1.529	0.4765283	0.165148936	
siR_61690	0.01	1.268	6.98641094	2.37E-11	**

siR_61722	5.8847	3.17	-0.89248603	2.06E-06	
siR_61728	2.836	1.902	-0.57634029	0.024940499	
siR_61755	5.5656	3.9159	-0.5071933	0.005015865	
siR_61772	1.0989	0.9323	-0.23719393	0.547017649	
siR_61803	93.9778	83.8739	-0.16409805	7.13E-05	
siR_61819	1.1698	0.2238	-2.38597995	1.70E-05	**
siR_61827	0.01	1.3053	7.02823761	1.15E-11	**
siR_61849	0.01	3.2073	8.32521549	1.38E-27	**
siR_61850	1.737	1.268	-0.45404301	0.159418817	
siR_61873	1.2407	0.1865	-2.73390678	1.71E-06	**
siR_61953	10.3868	2.3122	-2.16741315	9.69E-35	**
siR_61955	1.1698	0.2984	-1.97094245	0.000133017	**
siR_62007	2.5878	0.7086	-1.86868275	3.07E-08	**
siR_62024	1.8079	0.4102	-2.13991548	4.70E-07	**
siR_62030	1.3471	0.6713	-1.0048274	0.013015658	*
siR_62058	1.028	0.5221	-0.9774422	0.034659916	
siR_62059	1.0989	0.2611	-2.07338574	0.000132441	**
siR_62085	0.01	3.17	8.30833903	2.84E-27	**
siR_62099	0.01	1.8274	7.51364865	4.92E-16	**
siR_62117	0.9217	1.1188	0.279583	0.470644087	
siR_62148	7.7281	5.6314	-0.45662013	0.002651046	
siR_62153	1.3825	0.7832	-0.81982681	0.03388769	
siR_62178	1.4534	1.0815	-0.42639815	0.225490154	
siR_62194	1.3825	0.5967	-1.2122018	0.003421985	**
siR_62195	0.01	3.804	8.57137344	1.40E-32	**
siR_62196	0.01	1.902	7.57137344	1.17E-16	**
siR_62201	13.6128	6.4518	-1.07719022	2.86E-17	**
siR_62206	0.01	1.4545	7.18437949	6.51E-13	**
siR_62209	0.01	6.0043	9.22985225	5.34E-51	**
siR_62239	1.3471	0.6713	-1.0048274	0.013015658	*
siR_62270	1.4889	0.634	-1.23169211	0.002080356	**
siR_62271	1.1698	0.2984	-1.97094245	0.000133017	**
siR_62292	1.0635	0.4848	-1.13335843	0.015328041	*
siR_62298	1.2762	0.634	-1.00929969	0.015340798	*
siR_62316	1.9852	2.0512	0.04718381	0.861493334	
siR_62322	0.01	1.6782	7.39077085	8.72E-15	**
siR_62345	1.1698	0.6713	-0.80123235	0.056236154	
siR_62375	1.1698	0.2611	-2.16358753	5.01E-05	**
siR_62404	6.1328	2.9462	-1.05769053	2.39E-08	**
siR_62438	1.5952	0.9696	-0.71827571	0.041817619	
siR_62454	6.8773	4.1023	-0.74540928	1.08E-05	
siR_62468	1.2407	0.2238	-2.47087237	6.03E-06	**
siR_62496	1.2407	0.634	-0.96859957	0.020904832	
siR_62514	0.01	1.0442	6.70625425	1.77E-09	**
siR_62527	10.5641	11.3	0.09715291	0.408773227	
siR_62531	0.01	2.8716	8.16571099	8.93E-25	**
siR_62566	1.7016	1.6036	-0.08557762	0.781632893	

siR_6259	3.2968	5.4076	0.71392207	0.000165309	
siR_6260	0.9571	1.8647	0.96220197	0.00445603	
siR_62641	2.2333	0.7086	-1.65613369	2.30E-06	**
siR_62646	1.4534	1.0069	-0.5295114	0.13923808	
siR_62707	0.709	1.0442	0.55854053	0.186352658	
siR_6271	1.3825	0.8205	-0.75270424	0.048742451	
siR_62742	0.01	1.0815	6.75688986	8.62E-10	**
siR_62825	3.6513	1.8647	-0.96946667	6.31E-05	
siR_62863	6.4519	2.6852	-1.26469453	4.04E-11	**
siR_62966	54.0966	22.6374	-1.25682965	4.31E-81	**
siR_62969	9.217	7.0485	-0.38698098	0.004854143	
siR_63001	2.0206	0.2984	-2.75946431	6.29E-10	**
siR_63009	2.6587	0.4102	-2.6963216	2.15E-12	**
siR_63016	1.0635	0.4475	-1.24886045	0.008857046	**
siR_63081	1.0635	0.5967	-0.83374235	0.060029399	
siR_63180	0.01	1.1934	6.89893387	9.98E-11	**
siR_63195	26.0557	17.6027	-0.56580228	1.82E-11	
siR_63196	1.2407	0.7086	-0.80811094	0.047445627	
siR_632	2.0561	0.4848	-2.08444883	1.21E-07	**
siR_63202	18.5403	17.9011	-0.05061635	0.57967959	
siR_63219	0.01	11.9713	10.22536411	6.01E-101	**
siR_6322	1.1344	0.5221	-1.11953137	0.013060942	*
siR_63230	0.01	1.4172	7.14689956	1.34E-12	**
siR_63282	3.8995	1.3426	-1.5382596	2.82E-09	**
siR_63283	3.2968	1.3799	-1.25650265	2.82E-06	**
siR_63286	3.5804	1.4918	-1.26306664	9.45E-07	**
siR_633	1.2053	0.4475	-1.42943269	0.001965568	**
siR_63364	6.7709	2.8343	-1.25635514	1.70E-11	**
siR_63366	1.1698	0.9696	-0.27080029	0.47987045	
siR_6338	1.5952	1.1934	-0.41865963	0.21138519	
siR_6339	2.127	1.7901	-0.24877985	0.376317348	
siR_63393	0.01	4.2142	8.71911497	5.16E-36	**
siR_6350	0.01	10.666	10.05880352	5.07E-90	**
siR_6351	0.01	1.3799	7.10841991	2.74E-12	**
siR_63547	2.9778	2.9462	-0.01539149	0.948054597	
siR_63564	1.5243	1.268	-0.26559212	0.42675703	
siR_63579	1.5952	0.9696	-0.71827571	0.041817619	
siR_63581	6.7709	3.5802	-0.91930743	1.76E-07	
siR_63583	8.4371	3.6921	-1.19230557	5.47E-13	**
siR_6362	0.01	38.5246	11.91156426	439387504748e	**
siR_6363	0.01	1.8647	7.54279973	2.40E-16	**
siR_6364	0.01	1.3053	7.02823761	1.15E-11	**
siR_63641	10.7413	8.503	-0.33712477	0.007524414	
siR_6365	0.01	1.3053	7.02823761	1.15E-11	**
siR_63703	0.01	4.6617	8.86471235	9.25E-40	**
siR_63705	0.01	1.2307	6.94333532	4.86E-11	**
siR_63709	0.01	6.9367	9.43810568	8.38E-59	**

siR_63726	1.4889	0.2984	-2.31892742	1.66E-06	**
siR_63771	1.6307	0.7086	-1.20244802	0.001551793	**
siR_63808	0.01	1.4172	7.14689956	1.34E-12	**
siR_63828	6.0265	2.8343	-1.0883279	1.50E-08	**
siR_6388	0.01	1.7155	7.42248532	4.25E-15	**
siR_63956	1.1698	0.4848	-1.27080029	0.005319168	**
siR_63996	1.4889	0.4848	-1.61878526	0.000157192	**
siR_64006	1.1344	0.8578	-0.40321622	0.310894164	
siR_64012	1.5243	0.6713	-1.18311732	0.002538095	**
siR_64033	1.0989	0.1865	-2.55881257	1.47E-05	**
siR_64036	1.028	0.6713	-0.61481072	0.156712209	
siR_64055	5.4593	2.0885	-1.38624884	7.30E-11	**
siR_64063	1.2762	0.4475	-1.51189485	0.000890445	**
siR_64118	1.2762	0.4848	-1.39639284	0.001733978	**
siR_64120	1.6661	1.9393	0.219061	0.450962728	
siR_64121	1.028	0.4102	-1.32544087	0.007079856	**
siR_64134	1.0989	0.5967	-0.88098242	0.045030158	
siR_64154	0.01	1.902	7.57137344	1.17E-16	**
siR_64161	0.01	2.2376	7.80580835	1.81E-19	**
siR_64166	10.0678	5.967	-0.75467078	7.25E-08	
siR_64173	2.3751	1.2307	-0.94850913	0.00157346	
siR_64176	13.2937	7.1977	-0.88513482	1.28E-12	
siR_64181	4.1476	2.163	-0.9392431	3.25E-05	
siR_64186	1.5598	0.7459	-1.06430692	0.005019683	**
siR_64189	19.852	10.5169	-0.91657485	4.06E-19	
siR_64220	1.3116	0.7832	-0.74387514	0.057586901	
siR_64223	5.9201	4.1396	-0.51613018	0.003273543	
siR_64226	1.6661	1.7901	0.10356519	0.725571256	
siR_6424	1.1698	0.5594	-1.06430974	0.015477614	*
siR_64244	10.4577	6.0789	-0.7826834	1.47E-08	
siR_64249	8.6498	8.0555	-0.10269264	0.447335754	
siR_64286	1.3116	0.8951	-0.55120703	0.145600742	
siR_64287	7.1254	2.3495	-1.60061724	1.18E-16	**
siR_64289	2.1624	0.9696	-1.15717181	0.000393412	**
siR_64349	0.01	6.0416	9.23878686	2.60E-51	**
siR_64352	0.01	1.8274	7.51364865	4.92E-16	**
siR_64359	0.01	1.3799	7.10841991	2.74E-12	**
siR_64408	3.3323	1.8274	-0.86672583	0.00050633	
siR_645	7.0191	1.4918	-2.23423193	7.86E-25	**
siR_64501	1.1698	0.7086	-0.72321852	0.080618428	
siR_64502	1.9143	0.6713	-1.51178739	4.32E-05	**
siR_64513	2.4815	2.4614	-0.01173333	0.964652577	
siR_64543	1.3825	1.1934	-0.2122018	0.542538264	
siR_64554	2.6233	2.7225	0.05354925	0.820591466	
siR_64561	0.01	1.0442	6.70625425	1.77E-09	**
siR_6458	8.7561	6.5264	-0.42400102	0.002805005	
siR_64583	4.254	1.6409	-1.37433271	1.15E-08	**

siR_64631	1. 0635	0. 2984	-1. 83350059	0. 000528454	**
siR_64647	0. 01	18. 3113	10. 8385185	5. 11E-154	**
siR_64650	0. 01	1. 1561	6. 85312238	2. 05E-10	**
siR_64655	10. 4932	3. 7667	-1. 47808167	2. 26E-21	**
siR_64656	4. 5021	1. 3799	-1. 70603438	5. 93E-12	**
siR_64657	4. 5376	0. 634	-2. 83937469	2. 81E-21	**
siR_64659	62. 4983	19. 3182	-1. 69385627	1. 10E-144	**
siR_64665	3. 6513	1. 8274	-0. 99861775	4. 13E-05	
siR_64676	0. 8508	1. 0069	0. 24302847	0. 549089802	
siR_64715	1. 2407	0. 8205	-0. 59657908	0. 128834839	
siR_6473	2. 3751	0. 8205	-1. 53341302	3. 99E-06	**
siR_64774	2. 6942	1. 6409	-0. 71536963	0. 008126122	
siR_64809	3. 0132	1. 0815	-1. 47826277	4. 09E-07	**
siR_64818	0. 01	4. 8109	8. 910163	5. 22E-41	**
siR_64854	5. 8138	1. 0815	-2. 42644778	7. 97E-23	**
siR_64867	3. 545	3. 8413	0. 11580901	0. 566977567	
siR_64883	2. 1624	2. 4614	0. 18684571	0. 465952047	
siR_64887	6. 1683	5. 1093	-0. 27174729	0. 099129543	
siR_64892	3. 9704	3. 1327	-0. 34187774	0. 100617154	
siR_64917	0. 01	3. 6548	8. 51364865	2. 48E-31	**
siR_64929	3. 4741	2. 163	-0. 68360562	0. 00382743	
siR_64944	1. 2053	0. 4102	-1. 55499288	0. 000989728	**
siR_64947	0. 01	1. 7155	7. 42248532	4. 25E-15	**
siR_64952	0. 01	8. 2047	9. 68030677	2. 04E-69	**
siR_64955	0. 01	7. 9063	9. 62685889	6. 41E-67	**
siR_64976	1. 3471	0. 9323	-0. 53099078	0. 153965443	
siR_64984	1. 2053	0. 5967	-1. 0143146	0. 01809496	*
siR_6499	2. 127	0. 8205	-1. 37424479	5. 86E-05	**
siR_64995	1. 418	0. 5967	-1. 24877985	0. 002405224	**
siR_65	1. 1698	0. 5594	-1. 06430974	0. 015477614	*
siR_65003	0. 01	5. 706	9. 15633594	1. 68E-48	**
siR_65056	0. 01	1. 0442	6. 70625425	1. 77E-09	**
siR_65071	0. 01	1. 3426	7. 06888574	5. 63E-12	**
siR_65108	1. 9852	1. 0442	-0. 9268863	0. 004648702	
siR_6511	4. 5376	2. 536	-0. 83937469	7. 69E-05	
siR_65116	2. 0206	1. 4545	-0. 47426046	0. 113692546	
siR_65135	1. 2762	0. 8205	-0. 6372792	0. 102225329	
siR_6514	5. 4593	1. 1188	-2. 28676382	3. 71E-20	**
siR_6515	1. 3471	0. 3729	-1. 85299625	8. 02E-05	**
siR_65163	9. 536	6. 9367	-0. 45913474	0. 000787873	
siR_65164	3. 4386	3. 2446	-0. 08378067	0. 696617148	
siR_65179	1. 9852	1. 6782	-0. 2423697	0. 404871891	
siR_65182	0. 01	1. 4918	7. 22091032	3. 17E-13	**
siR_65199	1. 0635	0. 7086	-0. 58577666	0. 167596979	
siR_65206	1. 028	0. 7832	-0. 39238759	0. 347659208	
siR_65207	21. 9435	6. 5637	-1. 74121245	6. 00E-54	**
siR_65212	1. 3471	0. 5967	-1. 17477927	0. 004838592	**

siR_65220	0.01	3.2073	8.32521549	1.38E-27	**
siR_65223	0.01	3.3564	8.39077085	7.81E-29	**
siR_65235	1.1698	1.0442	-0.16386383	0.664155115	
siR_6525	0.01	1.2307	6.94333532	4.86E-11	**
siR_65263	1.028	1.2307	0.25963886	0.48054543	
siR_65269	0.319	1.0069	1.65829208	0.001535084	**
siR_6527	0.01	2.6479	8.04870483	6.67E-23	**
siR_65276	0.01	41.1724	12.00746183	0	**
siR_65282	0.01	1.9393	7.59939219	5.69E-17	**
siR_65288	0.01	19.7285	10.94606555	7.00E-166	**
siR_65295	1.4889	0.5967	-1.31916918	0.001167472	**
siR_65349	1.1344	1.2307	0.11754969	0.741641213	
siR_65350	0.01	2.7225	8.08878824	1.58E-23	**
siR_65355	0.01	13.3139	10.37871752	3.47E-112	**
siR_65371	1.3116	0.4475	-1.55136822	0.000594069	**
siR_65374	0.01	18.9453	10.88762427	2.52E-159	**
siR_65379	0.01	23.5697	11.20271768	4.91E-198	**
siR_6538	1.1344	0.5967	-0.92685176	0.033495577	
siR_65380	0.01	1.7528	7.45351758	2.07E-15	**
siR_65404	1.7725	2.3495	0.40656814	0.136478044	
siR_65405	1.9497	1.4545	-0.42272886	0.162432979	
siR_65408	2.5169	1.0069	-1.32172749	2.15E-05	**
siR_65440	1.1344	0.634	-0.83937469	0.050540314	
siR_65467	0.01	1.9393	7.59939219	5.69E-17	**
siR_65615	0.01	1.8274	7.51364865	4.92E-16	**
siR_65645	0.01	2.2376	7.80580835	1.81E-19	**
siR_65677	0.01	11.039	10.10839377	3.83E-93	**
siR_65707	0.01	3.5429	8.46878694	2.15E-30	**
siR_65770	1.8079	0.7086	-1.35127151	0.000260129	**
siR_65792	2.446	2.3122	-0.08115821	0.751015374	
siR_65822	0.01	1.4172	7.14689956	1.34E-12	**
siR_65826	1.1344	0.2238	-2.3416475	2.83E-05	**
siR_65835	4.1831	2.5733	-0.70095283	0.001166561	
siR_65836	1.6661	0.7086	-1.23343162	0.001096727	**
siR_65867	1.1344	0.7086	-0.67888607	0.103795176	
siR_65888	0.01	2.7225	8.08878824	1.58E-23	**
siR_65975	1.3471	1.1561	-0.22059076	0.53282973	
siR_66011	1.1698	0.3729	-1.64940119	0.000716423	**
siR_6606	1.2762	0.2611	-2.28918008	1.13E-05	**
siR_66086	0.4963	1.3053	1.39509706	0.001428773	**
siR_66089	1.9852	1.0815	-0.87625069	0.006940346	
siR_66111	1.3825	0.8205	-0.75270424	0.048742451	
siR_66138	2.4106	1.902	-0.34187503	0.202079159	
siR_66144	0.01	11.6357	10.18434229	3.88E-98	**
siR_66152	0.01	3.0208	8.23878686	5.04E-26	**
siR_66153	0.01	1.1561	6.85312238	2.05E-10	**
siR_66190	0.01	12.4189	10.27832168	1.08E-104	**

siR_66191	0.01	5.7805	9.17505048	3.99E-49	**
siR_66192	0.01	1.0069	6.6537766	3.63E-09	**
siR_66197	0.01	5.6314	9.13734982	7.07E-48	**
siR_66198	0.01	5.5568	9.11811051	2.98E-47	**
siR_6620	5.6365	2.797	-1.01091934	2.55E-07	**
siR_66207	0.01	2.5733	8.00747585	2.81E-22	**
siR_66208	0.01	2.0139	7.65384824	1.35E-17	**
siR_66209	0.01	1.8274	7.51364865	4.92E-16	**
siR_66222	0.01	4.3634	8.76930892	2.91E-37	**
siR_66226	0.01	5.1838	9.01786625	3.94E-44	**
siR_66272	2.9423	2.1258	-0.46893848	0.058230202	
siR_66277	0.01	2.163	7.75688986	7.63E-19	**
siR_66278	0.01	1.0069	6.6537766	3.63E-09	**
siR_66281	0.01	2.0139	7.65384824	1.35E-17	**
siR_66289	12.6911	9.3608	-0.43911338	0.000200502	
siR_66322	1.6307	1.3799	-0.24092767	0.453762935	
siR_66326	3.5804	3.3192	-0.10928521	0.604790891	
siR_66393	0.01	4.1769	8.70628879	1.06E-35	**
siR_66401	4.3603	1.4918	-1.54737327	2.73E-10	**
siR_66412	0.01	3.9531	8.62684064	7.90E-34	**
siR_66416	3.9704	3.0581	-0.37664878	0.072172541	
siR_66440	0.01	2.0512	7.68032436	6.59E-18	**
siR_66443	0.01	1.1561	6.85312238	2.05E-10	**
siR_66494	1.9497	1.3053	-0.57887073	0.062635311	
siR_66549	1.3116	0.5221	-1.32892974	0.002215935	**
siR_66570	2.8005	2.0885	-0.42321728	0.092885343	
siR_66613	2.5169	1.0442	-1.26924983	3.83E-05	**
siR_66641	1.5598	0.8578	-0.86264784	0.018456429	
siR_66672	0.01	1.4918	7.22091032	3.17E-13	**
siR_667	3.864	0.2984	-3.69477565	6.08E-23	**
siR_66776	0.01	4.5871	8.84143855	3.90E-39	**
siR_668	163.1407	20.5489	-2.98898368	0	**
siR_66809	0.01	1.4545	7.18437949	6.51E-13	**
siR_66823	0.01	7.4588	9.54279973	3.57E-63	**
siR_66825	0.01	1.4545	7.18437949	6.51E-13	**
siR_6683	1.028	1.1188	0.12211189	0.744335346	
siR_6684	7.1963	8.6149	0.25957872	0.061254181	
siR_66851	0.01	13.4258	10.39079234	4.02E-113	**
siR_66870	0.01	5.1093	8.99698184	1.66E-43	**
siR_66871	0.01	11.0017	10.10351075	7.86E-93	**
siR_66874	0.01	1.7155	7.42248532	4.25E-15	**
siR_66878	0.01	1.529	7.2564446	1.55E-13	**
siR_66880	0.01	1.9766	7.62687714	2.78E-17	**
siR_669	2.8005	0.2984	-3.23036499	2.79E-15	**
siR_66904	3.3677	2.2376	-0.58981147	0.01252401	
siR_66914	4.2894	3.2073	-0.41941655	0.038777677	
siR_66916	1.2053	0.9323	-0.37052611	0.334212439	

siR_66925	0.3545	1.1561	1.70540866	0.00052143	**
siR_66929	2.7296	2.797	0.0351907	0.878805234	
siR_6698	0.01	3.7294	8.54279973	5.90E-32	**
siR_66999	0.01	1.6036	7.32517051	3.67E-14	**
siR_6701	0.01	2.1258	7.73186206	1.57E-18	**
siR_67012	0.01	1.6036	7.32517051	3.67E-14	**
siR_67015	0.01	2.2376	7.80580835	1.81E-19	**
siR_67046	0.01	3.0208	8.23878686	5.04E-26	**
siR_67048	0.01	1.7901	7.48389637	1.01E-15	**
siR_6705	0.01	1.268	6.98641094	2.37E-11	**
siR_67058	0.01	1.8647	7.54279973	2.40E-16	**
siR_67063	0.01	5.3703	9.06885887	1.08E-45	**
siR_67068	0.01	20.3625	10.99169898	3.45E-171	**
siR_67117	2.2688	0.7832	-1.53447677	6.54E-06	**
siR_67132	4.3249	1.6036	-1.43135245	2.95E-09	**
siR_67135	24.3541	10.2931	-1.24248712	7.92E-37	**
siR_67137	1.418	0.3729	-1.92699683	3.23E-05	**
siR_67145	1.6307	1.2307	-0.40601227	0.219358974	
siR_67164	17.7604	11.039	-0.68605459	4.55E-11	
siR_67177	874.6213	330.7966	-1.40271408	0	**
siR_67178	14.3927	5.4449	-1.4023598	1.11E-26	**
siR_67179	3.6513	1.2307	-1.56893108	5.52E-09	**
siR_67198	1.2407	0.8205	-0.59657908	0.128834839	
siR_67200	0.01	8.5776	9.74443023	1.54E-72	**
siR_67203	86.4979	96.4046	0.15643688	0.000121639	
siR_67208	62.9237	59.6702	-0.07659289	0.123605308	
siR_67214	0.01	2.0885	7.70632333	3.21E-18	**
siR_67220	13.5419	8.8759	-0.60946485	2.28E-07	
siR_6724	38.5341	29.7232	-0.37454625	2.22E-08	
siR_67242	1.9852	1.0442	-0.9268863	0.004648702	
siR_67247	3.6159	2.9462	-0.29549941	0.172433921	
siR_67251	1.7016	1.3053	-0.38251052	0.235099543	
siR_67271	1.0635	1.0069	-0.07889962	0.841808282	
siR_67278	1.0989	0.5594	-0.97410795	0.02925074	
siR_6728	12.7974	8.6149	-0.57094478	2.09E-06	
siR_67280	2.6942	1.6036	-0.74854263	0.005896452	
siR_67285	0.9926	1.1188	0.1726678	0.648691016	
siR_67289	0.01	3.3192	8.37469175	1.60E-28	**
siR_6729	8.4016	3.9531	-1.08767965	2.28E-11	**
siR_67290	0.01	7.8317	9.61318169	2.70E-66	**
siR_67298	38.1087	16.372	-1.21888982	4.93E-55	**
siR_67305	0.01	17.6773	10.78768222	1.04E-148	**
siR_67309	2.9423	0.8578	-1.77823113	1.11E-08	**
siR_67321	0.01	30.2453	11.56249526	6.46E-254	**
siR_67324	0.01	1.8274	7.51364865	4.92E-16	**
siR_67327	1.3116	1.2307	-0.09184868	0.79488141	
siR_67331	1.028	0.2984	-1.78452082	0.000827671	**

siR_67353	0.01	11.0017	10.10351075	7.86E-93	**
siR_67354	0.01	1.9393	7.59939219	5.69E-17	**
siR_67361	0.01	1.529	7.2564446	1.55E-13	**
siR_67378	0.01	1.0442	6.70625425	1.77E-09	**
siR_67387	0.6735	1.0815	0.68328381	0.107636281	
siR_67399	5.6365	5.333	-0.07985227	0.632919381	
siR_67401	0.01	1.1188	6.80580835	4.20E-10	**
siR_6741	0.01	2.0139	7.65384824	1.35E-17	**
siR_67467	5.5656	3.4683	-0.68230853	0.000251168	
siR_67471	24.2478	11.039	-1.13524437	5.23E-32	**
siR_67476	7.2318	2.8716	-1.33249998	3.33E-13	**
siR_67478	1.2053	1.0069	-0.25947187	0.491104458	
siR_67481	11.2022	5.7433	-0.96383026	2.64E-12	
siR_6749	0.01	1.3799	7.10841991	2.74E-12	**
siR_67498	1.7725	0.7459	-1.2487315	0.000669599	**
siR_67500	2.5878	3.804	0.55579112	0.011534804	
siR_67522	0.01	1.6036	7.32517051	3.67E-14	**
siR_67531	1.5952	1.6782	0.07317734	0.808385879	
siR_67596	1.028	0.9696	-0.08437866	0.833764704	
siR_676	0.01	1.0815	6.75688986	8.62E-10	**
siR_67603	39.7748	23.1968	-0.77792888	3.73E-28	
siR_67606	2.836	0.6713	-2.07882798	4.91E-10	**
siR_6762	2.836	1.6036	-0.82254321	0.002174454	
siR_67623	1.4889	0.3729	-1.99738616	1.28E-05	**
siR_67652	1.9852	0.8205	-1.27470912	0.000250074	**
siR_67653	5.4947	4.1769	-0.39560811	0.026614752	
siR_67654	1.4889	1.6782	0.1726678	0.576831629	
siR_67656	10.5641	5.8178	-0.86062426	6.59E-10	
siR_67674	2.2333	0.7459	-1.58212293	4.81E-06	**
siR_67675	1.0635	0.7086	-0.58577666	0.167596979	
siR_67682	0.01	1.3799	7.10841991	2.74E-12	**
siR_67698	1.0635	0.2984	-1.83350059	0.000528454	**
siR_67699	1.7725	0.4102	-2.11138623	7.60E-07	**
siR_67709	0.01	2.0885	7.70632333	3.21E-18	**
siR_67711	0.01	1.1188	6.80580835	4.20E-10	**
siR_67715	0.01	1.8647	7.54279973	2.40E-16	**
siR_6775	0.01	1.0069	6.6537766	3.63E-09	**
siR_67766	2.127	1.0442	-1.02642197	0.001422645	**
siR_67769	1.1344	0.5221	-1.11953137	0.013060942	*
siR_67776	3.864	1.9766	-0.96707415	3.98E-05	
siR_67828	0.01	5.2957	9.04867759	4.56E-45	**
siR_67829	0.01	1.0815	6.75688986	8.62E-10	**
siR_67833	0.01	24.5021	11.25868969	7.70E-206	**
siR_6784	3.7931	1.3053	-1.53899598	4.59E-09	**
siR_67842	0.01	13.575	10.40673648	2.27E-114	**
siR_67847	0.01	2.8716	8.16571099	8.93E-25	**
siR_67851	0.01	2.9835	8.22086197	1.03E-25	**

siR_67892	0.2481	1.6036	2.69232068	4.63E-08	**
siR_67909	0.01	1.0815	6.75688986	8.62E-10	**
siR_67912	0.01	1.0069	6.6537766	3.63E-09	**
siR_67930	3.4386	1.3053	-1.39743988	2.09E-07	**
siR_67932	7.0545	2.0139	-1.80855178	2.59E-19	**
siR_6795	0.01	1.5663	7.29121675	7.54E-14	**
siR_67968	1.2407	0.8578	-0.53244109	0.170484507	
siR_68032	1.1344	0.634	-0.83937469	0.050540314	
siR_68072	2.1979	1.529	-0.52353734	0.070846062	
siR_68091	0.01	2.6479	8.04870483	6.67E-23	**
siR_68092	0.01	1.268	6.98641094	2.37E-11	**
siR_681	0.01	3.5802	8.48389637	1.05E-30	**
siR_68140	0.01	1.5663	7.29121675	7.54E-14	**
siR_68144	0.01	1.6036	7.32517051	3.67E-14	**
siR_68150	0.01	1.1188	6.80580835	4.20E-10	**
siR_68153	0.01	1.3426	7.06888574	5.63E-12	**
siR_68199	2.9778	1.529	-0.96165845	0.000337272	
siR_68207	1.0989	0.2611	-2.07338574	0.000132441	**
siR_68220	7.9408	2.2003	-1.85158412	3.32E-22	**
siR_68221	1.3471	0.7459	-0.85280282	0.030399374	
siR_68228	8.9688	3.0208	-1.5699843	4.68E-20	**
siR_68231	2.5878	0.9696	-1.41626452	5.60E-06	**
siR_68239	32.7558	10.3677	-1.65965451	1.42E-74	**
siR_68242	32.7203	8.8759	-1.88222066	2.28E-88	**
siR_68244	0.01	6.0789	9.24766648	1.27E-51	**
siR_68245	5.282	1.7155	-1.62245518	6.17E-13	**
siR_68286	0.01	1.0815	6.75688986	8.62E-10	**
siR_68287	1.9852	1.1934	-0.73420668	0.020388005	
siR_68389	1.3825	1.0815	-0.35424582	0.320433043	
siR_68411	0.01	9.2116	9.84730796	7.59E-78	**
siR_68412	31.1251	29.947	-0.05566699	0.429932135	
siR_68417	4.6794	5.5568	0.24793076	0.150326768	
siR_68422	2.127	1.8274	-0.21902757	0.43382872	
siR_68424	5.8847	3.3192	-0.82613331	8.76E-06	
siR_68438	4.4312	0.8951	-2.30757667	8.57E-17	**
siR_68439	3.1196	0.5967	-2.38628337	1.16E-12	**
siR_68444	1.6307	0.5221	-1.64309333	6.28E-05	**
siR_68462	0.01	1.4545	7.18437949	6.51E-13	**
siR_68465	3.4032	1.268	-1.42433719	1.62E-07	**
siR_68470	0.01	3.7294	8.54279973	5.90E-32	**
siR_68475	0.01	1.6409	7.35834351	1.79E-14	**
siR_68498	0.01	8.503	9.73182813	6.48E-72	**
siR_685	0.01	2.9835	8.22086197	1.03E-25	**
siR_68501	0.01	3.0581	8.25649177	2.46E-26	**
siR_68507	567.4829	312.2615	-0.86182222	0	
siR_68517	2.5524	2.6852	0.07317511	0.759752035	
siR_68529	1.737	0.7459	-1.21954362	0.000949182	**

siR_68534	2. 5169	1. 0442	-1. 26924983	3. 83E-05	**
siR_68536	26. 552	10. 7779	-1. 30074443	7. 86E-43	**
siR_68537	1. 028	0. 4475	-1. 19988068	0. 012673013	*
siR_68541	1. 3471	1. 0442	-0. 36745889	0. 310306368	
siR_68544	2. 0561	0. 4475	-2. 19995085	4. 39E-08	**
siR_68545	2. 127	2. 0512	-0. 05235187	0. 84899572	
siR_68566	0. 01	45. 5731	12. 15396679	0	**
siR_68569	0. 01	1. 4545	7. 18437949	6. 51E-13	**
siR_68574	1. 737	1. 3053	-0. 41221633	0. 198218358	
siR_68581	4. 4667	0. 7832	-2. 51175669	1. 57E-18	**
siR_68596	0. 01	16. 9314	10. 72548555	1. 82E-142	**
siR_68606	0. 01	4. 2142	8. 71911497	5. 16E-36	**
siR_68612	10. 954	5. 4076	-1. 01839744	4. 49E-13	**
siR_68613	7. 9408	3. 3192	-1. 2584488	2. 87E-13	**
siR_68614	2. 446	1. 9393	-0. 33488841	0. 207494065	
siR_68619	0. 01	3. 431	8. 42248532	1. 85E-29	**
siR_68626	0. 01	3. 0954	8. 27398204	1. 20E-26	**
siR_68631	0. 01	4. 2142	8. 71911497	5. 16E-36	**
siR_68633	0. 01	4. 0277	8. 65381242	1. 88E-34	**
siR_68636	0. 01	1. 7155	7. 42248532	4. 25E-15	**
siR_68649	2. 5878	1. 1561	-1. 16245993	9. 75E-05	**
siR_68654	1. 2053	0. 8951	-0. 42927151	0. 267810892	
siR_68666	1. 3116	0. 634	-1. 04877306	0. 011177638	*
siR_68667	19. 8874	7. 4961	-1. 40764257	1. 88E-36	**
siR_68669	24. 4605	6. 9367	-1. 8181325	1. 58E-63	**
siR_68688	2. 5169	2. 4614	-0. 03216877	0. 898852814	
siR_68707	1. 0635	0. 2984	-1. 83350059	0. 000528454	**
siR_68708	93. 836	32. 6321	-1. 52384968	6. 45E-186	**
siR_68709	1. 3116	0. 4102	-1. 67692841	0. 000282277	**
siR_68711	196. 0382	60. 0804	-1. 70616848	0	**
siR_68712	1. 1698	0. 2238	-2. 38597995	1. 70E-05	**
siR_68719	10. 8831	2. 6106	-2. 05963623	3. 81E-34	**
siR_68724	0. 6381	1. 1188	0. 81009772	0. 057753332	
siR_68727	0. 01	5. 8551	9. 19355	9. 47E-50	**
siR_68738	1. 8434	0. 7086	-1. 37932579	0. 000179389	**
siR_68761	14. 7472	9. 9575	-0. 56658558	4. 21E-07	
siR_68765	1. 737	1. 3426	-0. 37156821	0. 242862306	
siR_6877	0. 01	1. 1561	6. 85312238	2. 05E-10	**
siR_68771	1. 028	0. 1492	-2. 78452082	1. 19E-05	**
siR_68774	13. 1165	6. 3773	-1. 04036515	7. 37E-16	**
siR_68784	1. 0989	0. 2984	-1. 88074067	0. 000335467	**
siR_68786	0. 01	1. 3053	7. 02823761	1. 15E-11	**
siR_68797	0. 01	4. 5871	8. 84143855	3. 90E-39	**
siR_68802	7. 8344	5. 8178	-0. 42934909	0. 004249828	
siR_68803	5. 5656	3. 3937	-0. 71367819	0. 000139848	
siR_68812	0. 01	3. 5802	8. 48389637	1. 05E-30	**
siR_68814	0. 01	12. 941	10. 33773339	4. 59E-109	**

siR_68818	0.01	14.9548	10.5463929	6.38E-126	**
siR_68821	0.01	1.1561	6.85312238	2.05E-10	**
siR_68823	0.01	2.6479	8.04870483	6.67E-23	**
siR_68837	4.1476	2.5733	-0.68865711	0.00145644	
siR_68842	0.01	1.4545	7.18437949	6.51E-13	**
siR_68851	0.01	7.5707	9.56428289	4.13E-64	**
siR_68856	0.01	1.8274	7.51364865	4.92E-16	**
siR_68886	2.2333	1.1561	-0.94991087	0.002159771	
siR_68891	0.01	8.3538	9.70628879	1.15E-70	**
siR_68896	2.8714	1.3799	-1.0571906	0.000141669	**
siR_68899	0.01	2.3495	7.87620996	2.10E-20	**
siR_68922	8.2244	2.8343	-1.53691796	5.38E-18	**
siR_68926	2.7296	1.0442	-1.38629149	4.41E-06	**
siR_68927	3.4032	1.4172	-1.26384857	1.74E-06	**
siR_68929	2.1979	0.8951	-1.29600497	9.36E-05	**
siR_68941	0.01	2.4614	7.94333532	2.43E-21	**
siR_68949	3.4032	0.5967	-2.51181426	1.93E-14	**
siR_68955	0.01	1.5663	7.29121675	7.54E-14	**
siR_68958	0.0354	1.2307	5.11958596	8.96E-10	**
siR_68960	2.9069	3.3564	0.20743322	0.346217323	
siR_68967	5.7429	2.2003	-1.3840792	2.48E-11	**
siR_68973	4.3958	2.4241	-0.85867653	7.27E-05	
siR_68984	1.2053	0.3356	-1.84457766	0.000205328	**
siR_68988	1.4889	0.6713	-1.14921731	0.003563263	**
siR_68993	0.01	1.6036	7.32517051	3.67E-14	**
siR_68996	0.01	2.797	8.12773644	3.76E-24	**
siR_68997	0.01	1.2307	6.94333532	4.86E-11	**
siR_690	0.01	1.5663	7.29121675	7.54E-14	**
siR_69005	0.01	1.8274	7.51364865	4.92E-16	**
siR_69010	3.864	3.3192	-0.21925953	0.288847584	
siR_69012	0.01	1.3426	7.06888574	5.63E-12	**
siR_69022	1.737	0.7459	-1.21954362	0.000949182	**
siR_69036	16.5197	6.2281	-1.40732347	1.52E-30	**
siR_69060	4.8212	3.3937	-0.50653324	0.009131541	
siR_69070	0.01	1.4918	7.22091032	3.17E-13	**
siR_69073	0.01	6.3027	9.29982618	1.70E-53	**
siR_69086	3.6159	2.1258	-0.76634891	0.001110334	
siR_69094	0.01	1.2307	6.94333532	4.86E-11	**
siR_691	0.01	1.529	7.2564446	1.55E-13	**
siR_69102	0.01	1.6409	7.35834351	1.79E-14	**
siR_69114	27.2256	21.8915	-0.31459303	6.60E-05	
siR_69121	8.6852	5.4822	-0.66380411	7.87E-06	
siR_69122	4.3958	5.1466	0.22749391	0.202419748	
siR_69125	1.5598	2.2003	0.49633919	0.083445939	
siR_69152	1.0989	0.8205	-0.42148487	0.29881012	
siR_69159	30.2388	13.6123	-1.15149004	2.24E-40	**
siR_69167	8.4016	4.2142	-0.99540532	4.99E-10	

siR_69176	0.3545	1.1188	1.65809463	0.000824355	**
siR_69187	0.01	3.8413	8.58545083	6.83E-33	**
siR_69189	4.7503	2.4614	-0.9485395	7.26E-06	
siR_69202	1.7016	0.7459	-1.18983781	0.001338714	**
siR_6922	5.9556	3.2819	-0.85971558	3.71E-06	
siR_69241	0.01	105.0568	13.35888193	0	**
siR_69242	0.01	13.3885	10.38677862	8.24E-113	**
siR_69243	0.01	2.7225	8.08878824	1.58E-23	**
siR_69244	0.01	1.0442	6.70625425	1.77E-09	**
siR_69257	0.01	4.065	8.66711154	9.14E-35	**
siR_69261	10.1032	3.2446	-1.63869978	9.96E-24	**
siR_69294	1.028	1.0069	-0.02991985	0.942343409	
siR_69296	1.028	0.6713	-0.61481072	0.156712209	
siR_69313	1.9143	1.3053	-0.55243552	0.077017621	
siR_69347	1.5952	2.0139	0.33625473	0.248549433	
siR_6935	1.1344	0.0746	-3.92661	7.99E-08	**
siR_69373	0.01	1.1561	6.85312238	2.05E-10	**
siR_69401	1.5598	0.8578	-0.86264784	0.018456429	
siR_69409	21.4827	17.4162	-0.30274545	0.000632175	
siR_69414	15.4562	5.8178	-1.40964006	9.51E-29	**
siR_69435	2.6233	1.1561	-1.18211661	7.00E-05	**
siR_6945	6.7355	2.6106	-1.36740362	7.76E-13	**
siR_69451	1.3825	0.634	-1.12472473	0.005814363	**
siR_69454	1.1344	0.9323	-0.28306327	0.468279224	
siR_69467	53.7067	24.6512	-1.1234442	1.07E-67	**
siR_69481	1.9497	1.0069	-0.95333174	0.004087468	
siR_69499	0.01	1.6782	7.39077085	8.72E-15	**
siR_69529	8.9334	4.3634	-1.03375663	3.68E-11	**
siR_69533	2.0561	1.1561	-0.83064424	0.00863454	
siR_69544	0.01	3.7667	8.55715732	2.87E-32	**
siR_69591	1.028	0.3356	-1.61502564	0.001825058	**
siR_696	0.01	11.4492	10.16103108	1.41E-96	**
siR_69624	0.01	4.0277	8.65381242	1.88E-34	**
siR_69637	2.7651	1.7155	-0.68870253	0.009488564	
siR_69639	22.0853	7.6452	-1.53046028	2.05E-45	**
siR_6969	1.2053	0.5594	-1.10744012	0.01113063	*
siR_697	0.01	10.8525	10.08381171	1.39E-91	**
siR_69726	1.1344	0.2238	-2.3416475	2.83E-05	**
siR_69734	3.9704	1.9393	-1.03374836	1.08E-05	**
siR_6974	1.4534	0.9323	-0.64056564	0.079347154	
siR_69743	0.01	1.3053	7.02823761	1.15E-11	**
siR_69779	0.01	1.3799	7.10841991	2.74E-12	**
siR_69783	0.01	52.4725	12.35734581	0	**
siR_69784	0.01	2.7225	8.08878824	1.58E-23	**
siR_69792	0.01	1.2307	6.94333532	4.86E-11	**
siR_69797	0.01	1.5663	7.29121675	7.54E-14	**
siR_698	0.01	1.0442	6.70625425	1.77E-09	**

siR_69800	0.01	15.9991	10.64377504	1.16E-134	**
siR_69806	0.01	14.5073	10.50256332	3.55E-122	**
siR_69811	0.01	22.1153	11.1108291	7.34E-186	**
siR_69814	0.01	2.0139	7.65384824	1.35E-17	**
siR_69823	0.01	3.0208	8.23878686	5.04E-26	**
siR_69824	0.01	2.7597	8.10836763	7.72E-24	**
siR_69828	0.01	1.9393	7.59939219	5.69E-17	**
siR_69836	21.0573	17.2298	-0.28941451	0.00118717	
siR_69844	1.6661	0.5594	-1.57452284	8.69E-05	**
siR_69857	35.5209	33.0051	-0.10597917	0.111339983	
siR_69868	0.01	1.0069	6.6537766	3.63E-09	**
siR_69871	9.926	4.1023	-1.27477945	1.61E-16	**
siR_69900	0.9571	2.1258	1.1512643	0.000434659	**
siR_69905	1.5243	0.5967	-1.35306919	0.000806564	**
siR_69920	30.8769	10.1439	-1.60591549	3.09E-67	**
siR_69923	3.155	2.0139	-0.64764796	0.008625998	
siR_6993	0.01	1.3799	7.10841991	2.74E-12	**
siR_69957	0.01	81.6363	12.99499508	0	**
siR_69958	0.01	19.542	10.93236241	2.55E-164	**
siR_69959	0.01	7.1604	9.48389637	1.12E-60	**
siR_69960	0.01	5.9297	9.21181531	2.25E-50	**
siR_69961	0.01	1.6036	7.32517051	3.67E-14	**
siR_69962	0.01	1.0815	6.75688986	8.62E-10	**
siR_69975	29.4235	20.1014	-0.54967288	3.48E-12	
siR_69981	0.01	11.6357	10.18434229	3.88E-98	**
siR_70057	0.01	1.1188	6.80580835	4.20E-10	**
siR_70068	1.2053	0.7459	-0.69233815	0.087734995	
siR_70071	0.01	6.0043	9.22985225	5.34E-51	**
siR_70078	40.6965	23.98	-0.76307307	7.04E-28	
siR_70082	11.3794	4.4753	-1.34636819	3.14E-20	**
siR_70087	0.01	2.4987	7.96503389	1.18E-21	**
siR_70093	2.3751	0.3729	-2.67112756	4.15E-11	**
siR_70107	9.1815	3.4683	-1.40450117	1.30E-17	**
siR_70136	0.01	1.0815	6.75688986	8.62E-10	**
siR_70167	2.4815	1.4918	-0.73415832	0.00939932	
siR_70168	0.01	1.0815	6.75688986	8.62E-10	**
siR_70173	23.1134	12.8291	-0.84930953	1.56E-19	
siR_70176	5.1402	6.601	0.3608601	0.025271021	
siR_7020	1.0989	0.5221	-1.07366204	0.018227899	*
siR_70207	1.7016	0.8951	-0.92677117	0.008876687	
siR_70219	2.3751	1.4918	-0.67093413	0.018909397	
siR_70221	105.7827	56.2019	-0.9124129	6.08E-94	
siR_70224	3.1196	1.8647	-0.74241751	0.003235838	
siR_70228	3.6159	1.6782	-1.10744012	9.03E-06	**
siR_70229	4.8566	2.3495	-1.0475929	8.48E-07	**
siR_70231	36.7971	13.3885	-1.45859774	1.63E-69	**
siR_70258	1.1698	0.7832	-0.57880922	0.151563912	

siR_70273	2.6942	1.7901	-0.58981677	0.025702861	
siR_70286	1.0989	0.5221	-1.07366204	0.018227899	*
siR_70287	0.01	6.4518	9.33355791	9.59E-55	**
siR_70312	0.01	3.9159	8.61320011	1.62E-33	**
siR_70318	9.3588	10.3677	0.14770042	0.233350101	
siR_70322	2.9778	0.5594	-2.4122947	2.79E-12	**
siR_70347	0.01	29.6113	11.53193211	1.31E-248	**
siR_70351	0.01	7.7571	9.59937359	1.14E-65	**
siR_70376	9.4297	3.0581	-1.62457629	5.41E-22	**
siR_7038	2.7651	2.1258	-0.37932579	0.13162847	
siR_70380	1.5243	0.5967	-1.35306919	0.000806564	**
siR_70397	11.0604	4.4007	-1.32959863	2.33E-19	**
siR_7045	7.0191	2.1258	-1.72328019	4.45E-18	**
siR_70473	1.6307	1.1934	-0.45041371	0.176306369	
siR_70480	1.8788	0.634	-1.56725675	3.20E-05	**
siR_70509	4.1476	1.6036	-1.37096244	1.86E-08	**
siR_70511	1.4889	0.3729	-1.99738616	1.28E-05	**
siR_70514	1.8788	2.7597	0.55469995	0.031875399	
siR_70539	1.3116	0.6713	-0.96629826	0.017699245	
siR_70542	3.0132	1.4172	-1.08825306	6.55E-05	**
siR_70544	17.0869	8.9878	-0.92685075	5.94E-17	
siR_70546	1.0635	0.3356	-1.66400541	0.001193189	**
siR_70563	32.5076	22.3763	-0.53880555	6.87E-13	
siR_70565	8.2598	4.6617	-0.82525069	1.39E-07	
siR_70572	1.028	0.2611	-1.9771659	0.000342937	**
siR_70585	0.01	3.7667	8.55715732	2.87E-32	**
siR_70614	4.7148	2.163	-1.12416291	2.80E-07	**
siR_70677	2.1624	1.1188	-0.95068126	0.002531703	
siR_70684	0.01	1.7901	7.48389637	1.01E-15	**
siR_70733	7.0191	2.9089	-1.27081236	4.71E-12	**
siR_70738	11.5921	5.333	-1.12012271	8.40E-16	**
siR_7074	1.3471	1.0069	-0.41993654	0.250464973	
siR_70742	2.5524	1.0069	-1.34193403	1.50E-05	**
siR_70747	10.5286	3.804	-1.46872446	2.97E-21	**
siR_70760	0.01	1.4172	7.14689956	1.34E-12	**
siR_70775	1.2762	0.5967	-1.09677676	0.009487354	**
siR_70779	1.3471	1.0815	-0.31682329	0.37768126	
siR_70796	2.4815	2.6479	0.09363618	0.699119457	
siR_70804	2.2333	0.8578	-1.38046384	3.57E-05	**
siR_70821	16.0943	4.8482	-1.73102871	1.06E-39	**
siR_70823	6.3101	1.9393	-1.70212687	3.83E-16	**
siR_70831	2.6233	0.8951	-1.55126203	9.99E-07	**
siR_70834	0.01	1.0069	6.6537766	3.63E-09	**
siR_70882	14.18	5.0347	-1.49387981	9.25E-29	**
siR_70901	24.8859	9.5472	-1.38217898	5.23E-44	**
siR_70920	0.01	6.974	9.44584255	4.08E-59	**
siR_70933	1.028	0.1865	-2.46259273	4.21E-05	**

siR_70937	2.3042	0.8951	-1.36414517	3.16E-05	**
siR_70944	1.2407	0.2238	-2.47087237	6.03E-06	**
siR_70964	22.5816	14.5819	-0.630969	5.33E-12	
siR_70974	1.737	1.902	0.13091949	0.649636974	
siR_70975	2.6942	1.6782	-0.68294229	0.011047805	
siR_70979	1.6307	0.9696	-0.75002979	0.032577757	
siR_71004	1.418	0.4475	-1.66389794	0.000170776	**
siR_71015	1.0989	0.5594	-0.97410795	0.02925074	
siR_71052	0.01	2.163	7.75688986	7.63E-19	**
siR_71054	0.01	1.268	6.98641094	2.37E-11	**
siR_71060	0.01	12.4934	10.28695044	2.56E-105	**
siR_71066	10.9895	7.3469	-0.5809182	8.02E-06	
siR_71111	31.1605	15.5888	-0.99920851	2.38E-33	
siR_71113	2.3042	1.1188	-1.04231379	0.000766813	**
siR_71173	3.2614	1.2307	-1.40601227	3.82E-07	**
siR_71176	2.3042	2.0885	-0.1417988	0.593202428	
siR_71219	0.01	8.6895	9.76312936	1.78E-73	**
siR_71220	0.01	5.5568	9.11811051	2.98E-47	**
siR_71223	0.01	3.3564	8.39077085	7.81E-29	**
siR_71235	1.3825	1.1561	-0.25801329	0.462219879	
siR_71236	0.6735	1.1934	0.82532783	0.04634933	
siR_71239	0.01	3.8413	8.58545083	6.83E-33	**
siR_71246	0.01	1.4172	7.14689956	1.34E-12	**
siR_71264	1.8079	0.6713	-1.42928533	0.000138786	**
siR_71286	1.418	0.6713	-1.07882799	0.006897488	**
siR_71309	13.3646	7.4961	-0.83420455	1.32E-11	
siR_71322	15.5625	10.2931	-0.59639629	5.26E-08	
siR_71325	1.4534	0.7459	-0.96237768	0.012720128	
siR_71334	2.0206	2.2749	0.17101938	0.519842672	
siR_71342	0.01	2.7225	8.08878824	1.58E-23	**
siR_71345	2.2688	1.268	-0.83937469	0.005342929	
siR_71354	0.01	3.6175	8.49884921	5.10E-31	**
siR_71358	1.2407	0.5221	-1.24875625	0.004597643	**
siR_71360	2.5878	0.5221	-2.30932806	2.29E-10	**
siR_71396	3.864	1.8647	-1.05115155	1.08E-05	**
siR_71411	2.6587	2.4614	-0.11124187	0.650856778	
siR_71412	79.0888	59.5956	-0.40826759	3.73E-18	
siR_71415	23.3261	13.3885	-0.80095078	5.75E-18	
siR_71436	1.3825	0.4102	-1.75288008	0.0001191	**
siR_71437	1.737	0.4102	-2.08219836	1.23E-06	**
siR_71528	1.4889	1.0069	-0.56432645	0.112816505	
siR_71543	15.6334	5.4822	-1.51180471	4.47E-32	**
siR_71548	0.01	1.0442	6.70625425	1.77E-09	**
siR_71556	8.0117	5.4822	-0.54735344	0.00030507	
siR_71559	1.3471	0.7832	-0.78240428	0.044337712	
siR_71584	0.01	11.6357	10.18434229	3.88E-98	**
siR_71587	0.01	5.333	9.05880352	2.22E-45	**

siR_71588	0.01	4.8109	8.910163	5.22E-41	**
siR_7160	17.8668	13.2766	-0.42839553	1.60E-05	
siR_71610	4.5021	1.1188	-2.00864594	1.49E-14	**
siR_71613	5.3884	3.0954	-0.7997311	3.53E-05	
siR_71626	0.01	2.2376	7.80580835	1.81E-19	**
siR_71628	3.4032	6.3773	0.90605381	5.07E-07	
siR_71639	1.6307	0.8951	-0.86537062	0.015654369	
siR_71647	1.028	0.2984	-1.78452082	0.000827671	**
siR_71658	12.6911	5.967	-1.08873944	1.86E-16	**
siR_71663	1.2053	0.3356	-1.84457766	0.000205328	**
siR_71682	1.9497	2.0512	0.07321601	0.788927836	
siR_71697	0.01	1.0815	6.75688986	8.62E-10	**
siR_71705	2.3042	0.8578	-1.42555272	1.69E-05	**
siR_71720	6.0619	2.0139	-1.589778	2.94E-14	**
siR_71722	1.0989	0.2984	-1.88074067	0.000335467	**
siR_71733	1.3825	0.7459	-0.89022535	0.022894115	
siR_7174	0.01	1.4545	7.18437949	6.51E-13	**
siR_71746	0.01	7.9436	9.63364917	3.12E-67	**
siR_71753	1.3116	0.634	-1.04877306	0.011177638	*
siR_71754	10.2805	7.4588	-0.46289498	0.000444394	
siR_71780	0.01	2.0885	7.70632333	3.21E-18	**
siR_71816	0.01	69.4785	12.76235089	0	**
siR_71822	0.01	10.2931	10.00746183	6.72E-87	**
siR_71825	1.2762	0.6713	-0.92682489	0.023898405	
siR_71826	1.0635	0.4848	-1.13335843	0.015328041	*
siR_7186	8.4371	3.431	-1.29811807	1.26E-14	**
siR_71861	0.01	8.3165	9.69983269	2.36E-70	**
siR_71882	0.01	1.1561	6.85312238	2.05E-10	**
siR_71903	1.0635	0.634	-0.74626529	0.087380955	
siR_71909	1.4889	0.634	-1.23169211	0.002080356	**
siR_71911	3.0841	1.4545	-1.08432625	5.64E-05	**
siR_71948	4.7148	1.3053	-1.85281515	8.84E-14	**
siR_71951	4.7857	2.2376	-1.0967778	3.91E-07	**
siR_71957	0.01	4.8855	8.93236241	1.24E-41	**
siR_71958	0.01	46.6173	12.18664973	0	**
siR_71961	30.7351	10.9271	-1.49197661	2.74E-60	**
siR_71979	0.01	2.4241	7.9213054	4.98E-21	**
siR_72010	9.3588	1.529	-2.61373515	7.20E-39	**
siR_72013	5.991	2.1258	-1.49479096	5.08E-13	**
siR_72021	4.8212	2.4614	-0.96991315	4.14E-06	
siR_72024	0.01	6.4891	9.34187459	4.67E-55	**
siR_72029	4.3249	1.3799	-1.64810306	4.70E-11	**
siR_72044	8.5789	1.6409	-2.38630535	2.29E-32	**
siR_72045	2.0561	1.0815	-0.92687677	0.003959628	
siR_72059	19.3911	18.7961	-0.0449613	0.614589808	
siR_72060	1.2762	1.268	-0.00929969	0.98185728	
siR_72069	0.01	2.6479	8.04870483	6.67E-23	**

siR_72072	0. 01	1. 0815	6. 75688986	8. 62E-10	**
siR_72073	3. 9349	2. 7225	-0. 53139492	0. 01394832	
siR_72092	1. 3825	0. 9323	-0. 56841331	0. 124362438	
siR_72094	16. 9805	11. 9713	-0. 50429911	1. 03E-06	
siR_72096	1. 7725	2. 2003	0. 31191461	0. 260871207	
siR_72109	0. 01	1. 7528	7. 45351758	2. 07E-15	**
siR_72110	62. 0374	45. 3493	-0. 45205794	2. 83E-17	
siR_72116	6. 9482	5. 3703	-0. 3716366	0. 018606144	
siR_72125	1. 2407	0. 5967	-1. 05607663	0. 013149564	*
siR_72133	4. 7503	4. 065	-0. 22476328	0. 228076095	
siR_72138	2. 446	1. 6409	-0. 57593708	0. 037598826	
siR_72140	0. 01	2. 8716	8. 16571099	8. 93E-25	**
siR_72143	3. 3323	1. 6782	-0. 98960363	0. 000101982	
siR_72144	4. 6794	2. 6479	-0. 82147492	8. 07E-05	
siR_72162	586. 0586	189. 7139	-1. 62721954	0	**
siR_72163	5. 6011	1. 7155	-1. 70708106	1. 53E-14	**
siR_72169	171. 8968	111. 2849	-0. 62728484	5. 30E-80	
siR_72170	1. 8079	0. 4102	-2. 13991548	4. 70E-07	**
siR_72174	15. 0308	11. 0763	-0. 44044576	4. 93E-05	
siR_72184	0. 01	6. 4145	9. 325193	1. 97E-54	**
siR_72190	12. 0884	13. 2393	0. 13120354	0. 230216036	
siR_72194	2. 3042	2. 536	0. 1382888	0. 580243003	
siR_72252	11. 7339	8. 8014	-0. 41487767	0. 00069368	
siR_72253	2. 6942	2. 6479	-0. 02500831	0. 918827197	
siR_72281	1. 7016	0. 3729	-2. 19003124	7. 23E-07	**
siR_72285	0. 01	1. 3053	7. 02823761	1. 15E-11	**
siR_72303	1. 3471	0. 7832	-0. 78240428	0. 044337712	
siR_72318	0. 01	1. 3426	7. 06888574	5. 63E-12	**
siR_72327	20. 6673	9. 3981	-1. 1369089	1. 39E-27	**
siR_72340	1. 7725	0. 2984	-2. 57046619	2. 67E-08	**
siR_72346	2. 9069	2. 3122	-0. 33021525	0. 174666713	
siR_72347	52. 1823	34. 012	-0. 61751669	7. 95E-25	
siR_72350	8. 508	7. 1231	-0. 25631479	0. 066795176	
siR_72354	8. 118	6. 2281	-0. 38233223	0. 008971019	
siR_72370	3. 4741	2. 4241	-0. 51919007	0. 02379395	
siR_72383	5. 9201	3. 9159	-0. 59627762	0. 000806843	
siR_72390	4. 5376	3. 2819	-0. 46739816	0. 018802479	
siR_72408	2. 127	1. 1188	-0. 92686787	0. 0033742	
siR_72411	1. 5598	0. 4848	-1. 68589945	6. 78E-05	**
siR_72418	0. 01	7. 9436	9. 63364917	3. 12E-67	**
siR_72424	1. 8434	0. 5221	-1. 81997109	4. 74E-06	**
siR_72427	9. 0397	1. 7528	-2. 36661351	1. 05E-33	**
siR_72432	1. 9852	0. 7459	-1. 41223023	7. 48E-05	**
siR_72443	0. 01	23. 8681	11. 22086801	1. 56E-200	**
siR_72457	1. 1698	0. 5594	-1. 06430974	0. 015477614	*
siR_72466	786. 1027	264. 861	-1. 56948238	0	**
siR_72467	12. 1593	4. 7736	-1. 34891059	1. 44E-21	**

siR_72471	31.3023	13.3512	-1.22929925	4.20E-46	**
siR_72484	1.9497	2.2003	0.17444809	0.518783978	
siR_72490	1.1698	0.4475	-1.38630231	0.002893159	**
siR_72507	2.3042	1.4545	-0.66374265	0.022044057	
siR_72511	2.1979	0.8951	-1.29600497	9.36E-05	**
siR_72513	2.5169	0.9696	-1.37618629	1.18E-05	**
siR_72517	0.01	3.2819	8.35838747	3.29E-28	**
siR_72526	3.4741	1.4545	-1.25611599	1.52E-06	**
siR_72538	1.737	0.9323	-0.89773158	0.01004128	
siR_72542	0.01	24.0172	11.22985225	8.80E-202	**
siR_72543	0.01	1.0069	6.6537766	3.63E-09	**
siR_72552	0.01	1.5663	7.29121675	7.54E-14	**
siR_72555	0.01	1.7528	7.45351758	2.07E-15	**
siR_72559	8.118	2.6106	-1.63674292	2.48E-19	**
siR_72561	2.0561	0.2611	-2.97723607	8.78E-11	**
siR_72564	0.01	2.1258	7.73186206	1.57E-18	**
siR_72584	19.1075	6.0789	-1.65225684	5.98E-44	**
siR_72590	2.0915	1.0069	-1.05461759	0.001221576	**
siR_72593	0.01	2.797	8.12773644	3.76E-24	**
siR_72600	2.446	1.6036	-0.60911008	0.028796183	
siR_72606	10.3159	6.5637	-0.65228849	1.61E-06	
siR_72619	0.01	1.8274	7.51364865	4.92E-16	**
siR_72622	5.1048	4.4753	-0.18987004	0.28818051	
siR_72623	0.01	1.7155	7.42248532	4.25E-15	**
siR_72642	0.6381	1.0442	0.71054362	0.101902462	
siR_72656	15.2789	8.2419	-0.89049182	2.03E-14	
siR_72659	2.0561	0.8578	-1.26119721	0.000217801	**
siR_72679	6.2392	2.797	-1.1574808	1.41E-09	**
siR_72680	0.01	2.7225	8.08878824	1.58E-23	**
siR_72684	1.0989	0.4848	-1.1805985	0.010852128	*
siR_72695	0.01	1.7155	7.42248532	4.25E-15	**
siR_72699	0.01	6.7875	9.40673648	1.49E-57	**
siR_72704	0.01	3.0954	8.27398204	1.20E-26	**
siR_72748	2.1624	1.4918	-0.53557929	0.067342783	
siR_7275	2.1979	1.1934	-0.88104807	0.00428766	
siR_72763	95.0413	73.9164	-0.36266008	1.51E-17	
siR_72764	2.2688	3.8413	0.7596652	0.000811247	
siR_72779	0.01	5.7805	9.17505048	3.99E-49	**
siR_72780	0.01	1.6782	7.39077085	8.72E-15	**
siR_72786	0.01	94.7264	13.20955084	0	**
siR_72787	0.01	1.268	6.98641094	2.37E-11	**
siR_7279	1.4534	0.5967	-1.28435413	0.001680536	**
siR_72794	0.01	45.312	12.14567746	0	**
siR_72801	0.01	5.6687	9.14687411	3.45E-48	**
siR_72805	0.01	104.9822	13.35785712	0	**
siR_72850	0.01	10.5915	10.04869121	2.14E-89	**
siR_72881	2.2688	0.7832	-1.53447677	6.54E-06	**

siR_72882	7.799	2.3868	-1.70821147	1.07E-19	**
siR_72886	2.0206	2.0139	-0.0047917	0.988505348	
siR_72887	1.1698	0.4102	-1.5118625	0.001486275	**
siR_72895	7.1609	2.6479	-1.43529228	1.79E-14	**
siR_72902	0.01	4.4753	8.80584059	3.37E-38	**
siR_72912	15.6689	6.0043	-1.38383594	2.30E-28	**
siR_72915	1.4889	1.1188	-0.4122947	0.234339555	
siR_72924	0.01	1.0815	6.75688986	8.62E-10	**
siR_72928	2.2688	0.4848	-2.22646783	6.67E-09	**
siR_72940	0.01	1.8274	7.51364865	4.92E-16	**
siR_72943	0.01	2.7597	8.10836763	7.72E-24	**
siR_72962	1.028	0.8205	-0.32526503	0.431150137	
siR_72968	2.446	1.0069	-1.28050399	4.39E-05	**
siR_72974	18.2567	19.7285	0.11185526	0.210277031	
siR_72987	1.8079	2.163	0.25871878	0.350519128	
siR_73020	1.2053	0.2984	-2.01407284	8.31E-05	**
siR_73046	20.4901	13.1647	-0.63825238	3.22E-11	
siR_73078	31.0896	14.6565	-1.08489143	7.91E-38	**
siR_73083	1.7016	1.1934	-0.51181426	0.120249063	
siR_73096	0.01	1.0442	6.70625425	1.77E-09	**
siR_73101	1.1698	0.2238	-2.38597995	1.70E-05	**
siR_73107	1.418	0.8205	-0.78928229	0.037521829	
siR_73118	0.8153	1.1561	0.50386327	0.204958771	
siR_73133	0.01	7.8317	9.61318169	2.70E-66	**
siR_73134	0.01	1.6782	7.39077085	8.72E-15	**
siR_73135	0.01	1.0069	6.6537766	3.63E-09	**
siR_73136	0.01	1.0069	6.6537766	3.63E-09	**
siR_73137	0.01	1.0069	6.6537766	3.63E-09	**
siR_7315	5.5302	1.7528	-1.65767027	7.50E-14	**
siR_73152	2.5878	1.3799	-0.9071624	0.001471061	
siR_73153	1.0989	0.5221	-1.07366204	0.018227899	*
siR_73175	0.01	4.8855	8.93236241	1.24E-41	**
siR_73176	0.01	1.0069	6.6537766	3.63E-09	**
siR_73188	1.8079	0.9323	-0.95544871	0.005637862	
siR_73227	0.01	8.6895	9.76312936	1.78E-73	**
siR_73235	1.1344	1.0442	-0.11953137	0.754361807	
siR_73238	12.7265	13.2766	0.06105003	0.571051691	
siR_73242	1.1344	0.9323	-0.28306327	0.468279224	
siR_73254	2.0561	0.9696	-1.08444883	0.001041136	**
siR_73259	1.5243	0.8578	-0.82943365	0.024298572	
siR_73262	3.3677	0.9696	-1.79630202	7.29E-10	**
siR_73299	0.5672	1.2307	1.11754969	0.00925153	**
siR_73317	0.01	3.2073	8.32521549	1.38E-27	**
siR_73324	0.01	33.2661	11.69983702	3.34E-279	**
siR_73328	0.01	3.5802	8.48389637	1.05E-30	**
siR_73340	5.3884	1.5663	-1.78249639	8.01E-15	**
siR_73343	1.2762	0.1492	-3.096535	2.35E-07	**

siR_73351	23.4679	7.0858	-1.7276861	5.69E-57	**
siR_73358	1.3471	0.5967	-1.17477927	0.004838592	**
siR_73374	1.028	0.4475	-1.19988068	0.012673013	*
siR_73382	3.0132	0.634	-2.24874169	1.58E-11	**
siR_73384	1.028	0.1119	-3.19955832	2.76E-06	**
siR_73401	4.0058	1.7528	-1.192429	7.08E-07	**
siR_73403	1.2762	0.5221	-1.28945638	0.003202105	**
siR_73414	1.9497	1.1561	-0.75398596	0.018682205	
siR_73428	0.01	25.9192	11.33980547	1.06E-217	**
siR_73432	0.01	2.6852	8.06888574	3.25E-23	**
siR_73444	0.01	1.7528	7.45351758	2.07E-15	**
siR_73471	0.01	9.8829	9.94879063	1.82E-83	**
siR_73472	0.01	9.2862	9.85894454	1.80E-78	**
siR_73474	0.01	2.8343	8.14684866	1.83E-24	**
siR_73477	0.01	1.7528	7.45351758	2.07E-15	**
siR_73504	0.01	12.1951	10.25208587	8.05E-103	**
siR_73511	5.3884	7.5707	0.49056975	0.001447466	
siR_73520	2.9423	1.7528	-0.74728296	0.004041126	
siR_73531	16.4488	2.3122	-2.83064424	5.23E-73	**
siR_73532	9.4651	2.2003	-2.10491751	1.07E-30	**
siR_73541	1.3116	0.8578	-0.61261459	0.109565176	
siR_73562	6.4873	2.4241	-1.42016894	4.62E-13	**
siR_73569	0.01	2.5733	8.00747585	2.81E-22	**
siR_73576	1.5243	0.7832	-0.9606942	0.010795924	
siR_73589	0.01	1.0815	6.75688986	8.62E-10	**
siR_73604	0.01	1.529	7.2564446	1.55E-13	**
siR_73616	1.1344	2.2376	0.98002272	0.001540966	
siR_7364	22.0144	14.209	-0.6316425	9.39E-12	
siR_73641	11.5212	4.065	-1.50296373	7.35E-24	**
siR_73644	1.5598	0.2611	-2.57868669	1.81E-07	**
siR_73654	1.3825	0.6713	-1.04224993	0.00950628	**
siR_73656	20.3128	10.5542	-0.94457189	1.87E-20	
siR_73670	2.6233	0.7459	-1.81432867	4.63E-08	**
siR_73672	2.4815	1.9766	-0.32819151	0.212890648	
siR_73676	1.3471	2.3495	0.80249682	0.006116666	
siR_73689	1.6661	0.5221	-1.67407693	4.12E-05	**
siR_73695	1.1344	0.7086	-0.67888607	0.103795176	
siR_73715	0.01	11.4865	10.16572355	6.88E-97	**
siR_73720	0.01	1.4172	7.14689956	1.34E-12	**
siR_73729	1.2053	0.634	-0.92683753	0.028276658	
siR_73745	0.01	5.1838	9.01786625	3.94E-44	**
siR_73749	0.01	8.3911	9.71271614	5.60E-71	**
siR_73760	2.4815	0.7459	-1.73415832	2.61E-07	**
siR_73761	17.5832	3.6921	-2.25168412	2.09E-60	**
siR_73762	1.9143	0.4848	-1.98135534	7.91E-07	**
siR_73778	0.01	5.6687	9.14687411	3.45E-48	**
siR_73782	319.8649	131.349	-1.28405747	0	**

siR_73783	0.1418	1.1934	3.07314824	5.11E-07	**
siR_7379	1.0635	0.4102	-1.37442064	0.004842593	**
siR_73818	0.01	1.3053	7.02823761	1.15E-11	**
siR_73845	2.446	1.1188	-1.12847224	0.00021702	**
siR_73859	4.2185	2.6479	-0.67188146	0.001680598	
siR_73879	0.8153	2.9089	1.83507078	5.24E-09	**
siR_73899	22.8652	12.2697	-0.89805356	4.21E-21	
siR_73903	5.9201	2.9835	-0.98861577	2.14E-07	
siR_73917	1.2762	0.4475	-1.51189485	0.000890445	**
siR_73932	1.3825	0.4102	-1.75288008	0.0001191	**
siR_73934	3.3677	0.5967	-2.49668594	3.24E-14	**
siR_7396	3.8286	2.4614	-0.63733781	0.004305484	
siR_73971	6.9127	2.4614	-1.48977019	9.74E-15	**
siR_73991	2.446	1.0069	-1.28050399	4.39E-05	**
siR_73992	3.6159	2.8716	-0.33249998	0.127115879	
siR_73998	0.1418	1.4918	3.39512469	3.58E-09	**
siR_74013	28.9272	27.0008	-0.09942453	0.177261375	
siR_74017	0.01	39.718	11.95557726	0	**
siR_74029	4.2185	2.3868	-0.82165242	0.000182238	
siR_74031	1.737	1.0442	-0.73419969	0.030251896	
siR_74045	1.3471	1.2307	-0.13037782	0.709114022	
siR_74060	1.1344	0.5967	-0.92685176	0.033495577	
siR_74065	0.01	1.268	6.98641094	2.37E-11	**
siR_74079	2.8005	0.5221	-2.42328636	1.11E-11	**
siR_74084	1.1698	1.4545	0.3142614	0.358047473	
siR_74086	2.127	2.0885	-0.02635289	0.924470125	
siR_74087	1.737	2.3495	0.43575601	0.112391577	
siR_74097	1.2762	0.7086	-0.84881107	0.035970454	
siR_74099	0.01	4.8855	8.93236241	1.24E-41	**
siR_74122	3.9349	2.0885	-0.91385983	7.66E-05	
siR_74128	1.2762	1.0442	-0.28945638	0.431071015	
siR_74137	1.9497	0.9323	-1.06438598	0.001667436	**
siR_74174	10.6704	9.1743	-0.21794427	0.078750742	
siR_74211	0.01	1.1188	6.80580835	4.20E-10	**
siR_74213	5.2466	2.5733	-1.02776314	4.66E-07	**
siR_74215	0.01	7.7944	9.60629416	5.54E-66	**
siR_74227	1.5952	1.1561	-0.46447112	0.168934119	
siR_74269	1.4534	0.7459	-0.96237768	0.012720128	
siR_74292	0.01	1.902	7.57137344	1.17E-16	**
siR_74298	0.01	1.4172	7.14689956	1.34E-12	**
siR_74305	1.4889	0.4475	-1.73428727	7.26E-05	**
siR_74321	1.3116	0.4102	-1.67692841	0.000282277	**
siR_74335	0.01	5.2957	9.04867759	4.56E-45	**
siR_74346	0.01	1.6409	7.35834351	1.79E-14	**
siR_7435	0.01	2.797	8.12773644	3.76E-24	**
siR_74358	1.4534	0.7832	-0.89197914	0.019383579	
siR_74366	26.4457	17.2671	-0.61500736	2.98E-13	

siR_74367	1.6661	0.9323	-0.83760882	0.017480007	
siR_74372	1.4534	0.9696	-0.58397021	0.106236151	
siR_74386	4.8921	1.902	-1.36293665	1.16E-09	**
siR_74388	0.01	1.1934	6.89893387	9.98E-11	**
siR_74407	27.261	11.4865	-1.24689922	3.05E-41	**
siR_74418	1.0989	0.3356	-1.71124549	0.000775199	**
siR_74432	2.8714	1.6036	-0.84044	0.001678155	
siR_74433	1.1344	0.3356	-1.75711482	0.000500636	**
siR_74439	2.0915	0.9323	-1.16567183	0.000456163	**
siR_7444	0.01	3.0954	8.27398204	1.20E-26	**
siR_7448	117.9774	40.0909	-1.55716381	1.13E-240	**
siR_74499	12.053	3.2446	-1.89327974	7.28E-34	**
siR_74500	2.127	0.3729	-2.51195933	1.67E-09	**
siR_74504	1.2053	0.634	-0.92683753	0.028276658	
siR_74559	1.1344	0.4475	-1.34196985	0.004230483	**
siR_74579	1.7016	0.634	-1.42433719	0.000229134	**
siR_74589	12.6556	10.405	-0.28249894	0.014096009	
siR_74593	13.5773	10.405	-0.38391965	0.00068528	
siR_746	3.6868	2.2003	-0.74466891	0.00131885	
siR_74612	2.1624	1.2307	-0.81315429	0.008149142	
siR_74615	17.2996	6.4518	-1.42296506	2.03E-32	**
siR_74617	1.2053	0.2611	-2.20671792	3.06E-05	**
siR_74637	1.6661	1.3799	-0.27191127	0.394919975	
siR_74650	2.2333	2.8716	0.36267774	0.138694904	
siR_74688	0.01	1.2307	6.94333532	4.86E-11	**
siR_74701	2.1979	0.634	-1.793571	7.22E-07	**
siR_74715	3.1196	4.2142	0.43389773	0.03392867	
siR_74726	0.01	4.4007	8.78158921	1.42E-37	**
siR_74731	0.01	1.3426	7.06888574	5.63E-12	**
siR_74747	30.8415	27.9331	-0.14289724	0.046856913	
siR_74757	2.5524	0.6713	-1.92682489	1.99E-08	**
siR_74761	3.0132	1.0069	-1.58137602	1.03E-07	**
siR_748	1.2762	0.7086	-0.84881107	0.035970454	
siR_74846	1.5598	1.3053	-0.25697963	0.435948228	
siR_74869	0.01	4.699	8.87620996	4.51E-40	**
siR_74881	9.8905	5.8924	-0.74718809	1.22E-07	
siR_74912	0.01	1.1561	6.85312238	2.05E-10	**
siR_7493	13.5419	2.9462	-2.2005029	1.24E-45	**
siR_74948	5.9201	4.1769	-0.50318894	0.004058777	
siR_74957	9.3233	3.3192	-1.49000513	2.27E-19	**
siR_74969	0.01	4.9228	8.94333532	6.04E-42	**
siR_74976	0.01	1.3426	7.06888574	5.63E-12	**
siR_74977	0.01	5.706	9.15633594	1.68E-48	**
siR_74980	0.01	2.6479	8.04870483	6.67E-23	**
siR_74984	8.5789	7.6825	-0.15921681	0.245065239	
siR_75060	1.4534	0.7086	-1.03638844	0.008088782	**
siR_75066	3.0487	2.4241	-0.33074498	0.163734794	

Supplementary Table 1. Forward primers used in qRT-PCR for miRNA abundance analysis. Uni-miR qPCR Primer supplied by the SYBR® PrimeScript® miRNA qPCR Starter Kit was used as reverse primer.

MiRNA-name	Primer sequence (5'-3')
mul-miR6440b	GCGGAGTTTGATTGAGTTCCGGTT
mul-miR530-5p	GTGCGTTTGACCTGCACCT
mul-miR157a-5p	GGGCTTGACAGAAGATAGAGAGCAC
mul-miR157d-3p	GGGCTCTCTATGCTTCTGTCATCC
mul-miR156a-5p	GCGTGACAGAAGAGAGTGAGCAC
mul-miR169a-3p	GGTGCCAAGTTGTTCTTGGCTAC
mul-miR393-5p	GTCCAAAGGGATCGCATTGATC
mul-miR391-5p	TGTCGCAGGAGAGATGGCGAA
mul-miR160a-5p	GCCTGGCTCCCTGTATGCCA
mul-miR447b-5p	GGCACTCTCACTCAAGGGCTTCA
mul-miR479	GGCGTGATATTGATTGGCTCATA
mul-miR5658	GGCATGATGCTGATAATGATGACAA
mul-miR418	GGGCTAATCTGATGATAGATGGACG
mul-miR858b	GCTTCGTTGTCTGTTCCGACCTTG
mul-miR4414a-5p	GAGCTGCTGACTCGTTGGTTCA
mul-miR166h-3p	TCTCGGACCAGGCTTCATTCC
mul-miR415	AAGGAGCAGAGCAGAGCAG
mul-miR408b-5p	CAGGGAACGGACAGAGCATGG
mul-miR396b-3p	GGCTCAAGAAAGCTGTGGGAGA
mul-miR2111a-5p	GGCGTAATCTGCATCCTGAGGTTTA
mul-miR164a-5p	TGGAGAAGCAGGGCACGTG
mul-miR395a-3p	GTGAAGTGTGTTGGGGAACTCC
mul-miR172a-3p	GGCAGAATCTTGATGATGCTGCAT
mul-miR2087-5p	GCGAAGAAAGAACCAGCAGTCAT
mul-miRn1-5p	GGGCGGTATAACAATGACTTTAT
mul-miRn3-3p	GGCGTGGTGATCAATTGGACCT
mul-miRn6-5p	TAAGCCCGCTACATATGGGATT
mul-miRn14-5p	GGCGCTACCAGCCGAGTAGAAGT
mul-miRn11-5p	GGCGTTAGGATCCTGGTTGAGTC
mul-miRn10-3p	AGGTGCAGATGCAGATGCAGG
mul-miRn9-5p	GGCAGGGGTTACCTGAGAATACATG
mul-miRn12-3p	TCTTCCGAGACCTCCCATACC

mul-miRn1-3p	GGCGGCTTGAAGTCGTTGTTATAC
mul-miRn19-5p	AACTCGGTGCTGGAATCGGTC
mul-miRn18-5p	GGGCTGCAATCATAACTCGGAG
mul-miRn17-5p	GGCTGACACAAGATCATCCTCC
mul-miRn20-5p	GGCAGGAGGAGGAGGAGGAGTT
U6	ATGGCCCTGCGTAAGGATG

Supplementary Table 2. Primers used in qRT-PCR for abundance analysis for predicted target, pri-miR393a and pri-miR393b.

Gene	Forward primer (5'-3')	Reverse primer (5'-3')
Actin	CAGTGCTTCTCACTGAGGCTC	GGAAGAGGACTTCTGGGCATC
Promoter-binding protein SPL 9	GGAAAGTTTCTTCCTTATCCAT	TGACGATGGTCGGTTTCTGG
Auxin response factor 10	TTCTTCAGGTGTCATGGGAT	CTCCAAATAGAACATGCCTG
CBL-interacting protein kinase	ATCACAAATCCAGGCGATCAT	TTAGCCATGCTCTCCAGCTT
Class III HD-Zip protein 5	GCAACCAAAGACACAAGTTGT	AATAGCAACGATTCCAATGG
Phosphatidylinositol 4-kinase	CTTGCAGAGATCAATCAACAT	TGGAAGTAGTGCATCTCCAT
NBS-LRR resistance protein	GGAATAGATTCTCGCATAACG	AGAGACGGGTTTGCATACGAA
Transcription factor MYB884	AAGATTCGTGCCTGCAACAG	AGATCCACAAGAAATGCTAAGC
Pentatricopeptide repeat-containing protein	ATCACCACCGCCATTACAAGT	CAGGAGGTCCGATTTGATGAG
C2H2L domain class transcription factor	AGGAGTGCTATTACTACAACGCT	CAGAAGAAGGAGACGACACG
S-formylglutathione hydrolase	CTGACCTGCACAGATGAGAAT	GATGCTCGTGATGTATCAAGC
Pri-miR393a	TAATAAGGCAGGTGATGAAGGT	GTAAGCAAGCAAAGGAGGAAT
Pri-miR393b	TTCTTAGTGCAGGTGGAGACTT	CTGGATTAAAGATCGCGAGT